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**ENVIRONMENTAL SITE ASSESSMENT/ASTM E1527-05**

**at**

**APEX WINERY**  
111 E. Lincoln Ave.  
Sunnyside, Washington

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October 25, 2006

Prepared for:  
Zion's Agricultural Finance  
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## PROJECT DATA SUMMARY

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Client: Zion's Agriculture Finance  
500 5<sup>th</sup> Street  
Ames, IA 50010

Contact: Mr. Rod Avey

Property: Apex Winery  
111 E. Lincoln Ave.  
Sunnyside, Washington

Environmental  
Assessor: Ms. Grace Henrichs

Major Activity: Winery

SIC Code: 2084

Project Number: P2006/1031

Report Date: October 25, 2006

### Appendix

Site Photographs

Site Location Map

Field Screen Questionnaire

Historic Topographic Map Information

## 1.0 EXECUTIVE SUMMARY

The site is located at 111 E. Lincoln Ave., in Sunnyside, Washington, at the southeast corner of the intersection of E. Lincoln Ave. and First St. This parcel, number 221036-22006, is a portion of the northwest quarter of the northwest quarter of Section 36, in Township 10 N, Range 29 E.W.M. The property covers 4.67 acres, and includes a wine production facility with a tasting room, vacant and, and outbuildings. Residences, a gas station, a mini-mart, a laundromat, and storage facilities occupy the areas adjoining the site.

The Phase I Environmental Site Assessment (ESA) was performed in compliance with the scope and limitations of ASTM Practice E 1527-05 on the subject property in Sunnyside, Washington. Any exceptions to or deletions from this practice are described in Section 2.5 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the property except the following:

According to the OSHA Asbestos Construction Standard (29 CFR 1926.1101), building owners and employers are required to have an Asbestos Management Plan, which identifies the potential asbestos hazards within their pre-1980 facilities.

During the on-site inspection, building materials were observed including but not limited to: drywall and roofing materials. As defined in NESHAP 61.141, the observed materials may be classified as suspect regulated asbestos-containing materials. Prior to demolition, renovation, or any other activity that may disturb these materials, either an inspection should be performed by an AHERA accredited Building Inspector or the materials should be handled as asbestos containing.

Effective June 3, 1993, the Lead in Construction Standard codified in 29 CFR 1926.62 applies to sources or potential sources of lead exposure present in an "employment-related" context. The trigger mechanism for application of the standard is an activity that by its inherent nature may cause exposure to lead. Therefore, within the context of regulatory compliance for OSHA, the subject property did not appear to require further response to suspect lead-based paint. However, prior to renovation, demolition, or any activity that will cause a disturbance of any suspect lead-based paint, sampling to determine lead content is recommended.

The site is listed as an industrial winery site in the Environmental Databases NPDES, FINDS, and UST lists. According to information received from the Washington Department of Ecology (DOE), at least two underground storage tanks (USTs) were installed at the facility. The Port of Sunnyside reportedly removed these tanks in the spring of 1988; however, notice of permanent closure has not been completed with the DOE. The Port was contacted and had no record of the tank removal. Two monitoring wells are located where the tanks had been, and monitoring results from these wells were always non-detect for petroleum; however, a Phase II is recommended at the site to insure that all of the USTs have been removed.

Several aboveground storage tanks were observed at the site along with paints, oil containers, pump motors, an abandoned vehicle, and other materials. Removal and proper disposal of these items is recommended.

An in-ground hydraulic lift is located in the garage building, with aboveground storage tanks for the hydraulic fluid. This lift is no longer used, and its removal is recommended.

At the time of inspection, a strong odor of ammonia prevented the inspection of storage shed #2. Proper storage of ammonia products, and repair of any leaking equipment, is recommended for health and safety reasons.

In September of 1996, a large petroleum release was detected at the Valley View Market, a Time Oil Co. property, located at 107 W. Lincoln Ave., which is up gradient of the Apex Winery, or Washington Hills Cellars Property (WHC Property). The extensive site characterization that was conducted during February, March and July of 1996, confirmed that soil and groundwater had been impacted by the petroleum release.

Groundwater monitoring has been conducted at the site on a quarterly basis since March 1997. Eighteen monitoring wells, five recovery wells and the WHC production well comprise the monitoring program and are sampled in January, April, July and October.

In May 2000, a bioslurp remedial system was installed at the WHC site. The remedial system is located on the Washington Hills Cellars Property, within a locked remediation shed and fenced enclosure. The system is designed to remove LPH, groundwater and subsurface vapors from the extraction wells. The bioslurp remediation system was tested for operation on July 10, 2000 and began continuous operation on August 8, 2000.

On January 10, and 11, 2006, Sound Environmental Strategies collected groundwater samples from 22 of the monitoring wells using low-flow techniques. A sample was also collected from the WHC production well. Three wells (MW-13, MW-14, and MW-15) were dry and did not produce sufficient water to sample. GPH was detected at a concentration in excess of the Model Toxic Control Act from recovery well RW-06 and benzene exceeded the MTCA Method A Clean-up level in RW-02, RW-06, RW-08. Groundwater samples collected from MW-18, RW-02, RW-07, and RW-08 contained a concentration of MTBE that exceeded the MTCA Method A clean-up level. MTBE was encountered in groundwater collected from RMW-09, -03, -05, -06, but did not exceed the clean-up levels. No concentrations of chemicals of concern were detected in MW-01 to MW-12, MW-16, MW-17, and RW-01, and RW-04. Maps with the monitoring wells are included in the appendix.

Time Oil Co. is the responsible party for the contamination that has migrated to the subject site. Continuation of the treatment according to DOE specifications is recommended.

A search of the regulatory databases within ¼ mile from the subject property revealed no reported sites at an equal or higher elevation, but the Valley View Market (Time Oil Co.), at 107 W. Lincoln Ave. adjoins the site to the west at a higher elevation than the subject site. A Cenex Gas Station adjoins the site to the east at a lower elevation.

See Environmental Database in the Appendix.

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## **1.1 Opinion**

During the course of the on-site visual inspection, a review of the available information at the Yakima County Courthouse, the City Library, and a review of the Environmental Database for the site, no further potential environmental risks, recognized environmental conditions or hazards were discovered.

## **1.2 Deviations**

The prior owners were not available to interview and there were no listings prior to 1966 in the city street directories for the City of Sunnyside. These gaps are insignificant given the known history of the site.

## **1.3 Additional Services**

No additional services were contracted for this project.

## 2.0 INTRODUCTION

### 2.1 Purpose

The purpose of this Phase I Environmental Site Assessment was to investigate, review, assess, and evaluate--through historical research, document and record review, visual or physical observations, and inspection by a trained Assessor--the presence or likely existence of:

- ◆ Contamination by hazardous materials generally recognized environmental contaminants, visible pollutants, underground contaminants, and asbestos-containing materials.
- ◆ A brief overview, evaluation, and assessment of the severity of the current potential environmental risk based upon known standards or applicable regulations.

Unless specifically noted within the text of this Report, this Phase I Environmental Site Assessment (ESA) does not include or address groundwater, soil, or extraneous materials contamination upon or under the surface soils, with respect to testing, coring, or sampling analysis.

### 2.2 Protocol

The procedure for this Phase I ESA was to perform in practical and reasonable steps--employing currently available technology, existing regulations, and generally acceptable engineering practices--an investigation to ascertain the possibility, presence, or absence of environmental releases or threatened releases as limited by the Scope of Work.

### 2.3 Objectives

- ◆ To attempt to accomplish all appropriate inquiry into ownership and uses of the property consistent with good commercial or customary practice, in an effort to minimize liability.
- ◆ To conduct an investigation of the property that will assist ownership's positioning within the "safe harbor" section of the Federal Superfund liability in 42 U.S.C. 9601(35).
- ◆ To provide environmental information that will assist in evaluating ownership's risk of potential loss or value impairment of the security interest, due to environmental defects.
- ◆ To provide information for decisions and operational limitations concerning the National Pollution Contingency Plan Under CERCLA, Lender Liability Final Rule 40 CFR Part 300 XI.

While this Phase I ESA cannot absolutely quantify and qualify every possible past and present environmental risk, the assessment does provide a partial information basis for reasonable decision making regarding the potential for environmental liabilities and risk, based upon the current site-specific situation, assessment limitations, and methods of evaluation.



## **2.4 Involved Parties**

Blue Mountain Environmental Consulting, Inc. (BMEC) was retained by Zion's Agricultural Finance to conduct a Phase I Site Assessment of the property identified as Apex Winery, in Sunnyside, Washington. Mr. Jean Claude Beck, the winemaker general manager, was identified as the Key Site Manager for the property. The Key Site Manager is the person having the most reliable knowledge as to the previous uses and current conditions of the property, and who is in a position to provide reasonably accurate information for the site. Ms. Grace Henrichs, an assessor with BMEC, completed the Field Screen Questionnaire with Mr. Beck on October 16, 2006. The Field Screen Questionnaire was also completed by one of the owners, Mr. Harry Albadeff, by fax on October 19, 2006.

## **2.5 Limitations and Exemptions**

This assessment has been performed in accordance with generally accepted environmental practices and procedures, as of the date of the report. All services have been performed employing that degree of care and skill ordinarily exercised under similar circumstances by reputable environmental technologists practicing in this, or similar localities. No other warranty or guarantee, expressed or implied, is made or offered.

The conclusions and recommendations stated in this report are based upon observations made by employees of BMEC, and upon information provided by others. We have no reason to suspect or believe that the information provided is inaccurate. However, we cannot be held responsible for the accuracy of the information provided to us by others. The scope of this assessment does not purport to encompass every report, record, or other form of documentation relevant to the property being evaluated.

The observations contained within this assessment are based upon site conditions readily visible and present at the time of our site inspection. These site observations are unable to address conditions of subsurface soil, groundwater, or underground storage tanks, unless specifically mentioned. This environmental site assessment does not attempt to forecast future site conditions.

## **2.6 Detailed Scope of Services**

The scope of work for this assessment included the following: (1) an on-site observation of the subject property, (2) a review of Federal, State, and local databases, (3) a review of historical documents and records at the assessor's office, building permits department, the local fire department, and the local library, (4) a review of all information necessary to make the conclusions stated in this report.

## **2.7 User Reliance**

The enclosed ESA Report has been performed for the exclusive use of the clients as listed in the Project Summary (page 4), for the transaction at issue concerning the property identified as Apex Winery in Sunnyside, Washington. We acknowledge a third party's reliance on this report as part of the process of evaluating the risks associated with this transaction.

## **2.8 Significant Assumptions**

BMEC, Inc. assumes that the information provided by the client is accurate and that the client is not withholding any information that would alter the conclusions of this report.

## **2.9 Special Terms and Conditions**

No special terms or conditions were submitted for this project.

## **3.0 USER PROVIDED INFORMATION**

### **3.1 Recorded Land Title Records**

Recorded land titles are maintained by the municipal clerk or county recorder of deeds and detail ownership fees, leases, land contracts, easements, liens, deficiencies, and other encumbrances attached to or recorded against the property in the local jurisdiction having control for or reporting responsibility to the property. Due to state land trust regulations and laws, land title records only provide trust names, bank trust numbers, owner's names, or easement holders, and not information concerning previous uses, liens or occupants of the property.

### **3.2 Environmental Liens or Activity and Use Limitations**

Our research did not indicate any information pertaining to environmental liens or use limitations for the site.

### **3.3 Specialized Knowledge**

The client for this project provided no specialized knowledge concerning the site.

### **3.5 Reason for Performing Phase I**

BMEC, Inc. was contracted to perform this Phase I for the pending sale of the property. The objectives of the Phase I are described in Section 2.3 of this report.

## 4.0 SITE DESCRIPTION

### 4.1 Location and Legal Description

The site is located at 111 E. Lincoln Ave., in Sunnyside, Washington, at the southeast corner of the intersection of E. Lincoln Ave. and First St. This parcel, number 221036-22006, is a portion of the northwest quarter of the northwest quarter of Section 36, in Township 10 N, Range 29 E.W.M.

A legal description for the site can be found in the appendix.

### 4.2 Adjacent and Adjoining Properties

For the Scope of this Assessment, properties are defined and categorized based upon their physical proximity to the subject property. An adjacent property is any real property located within 0.25 miles of the subject property's border. An adjoining property is any real property whose border is contiguous or partially contiguous with the subject property, or that would be if the properties were not separated by a roadway, street, public thoroughfare, river, or stream.

Adjoining Property - north:	Residences, Agitation Station Laundry.
Adjoining Property - west:	Valley View Market, residences.
Adjoining Property - south:	Sartin Cold Storage.
Adjoining Property - east:	Cenex Gas Station & Car Wash, Campell Mini Storage.

#### a) Materials and Products Handling, Storage, and Disposal

Residences, a gas station with mini-mart, a laundromat, and storage facilities occupy the areas adjoining the site.

In September of 1996, a large petroleum release was detected at the Valley View Market, a Time Oil Co. property, located at 107 W. Lincoln Ave., which is up gradient of the Apex Winery, or Washington Hills Cellars Property (WHC Property). The extensive site characterization that was conducted during February, March and July of 1996, confirmed that soil and groundwater had been impacted by the petroleum release.

Groundwater monitoring has been conducted at the site on a quarterly basis since March 1997. Eighteen monitoring wells, five recovery wells and the WHC production well comprise the monitoring program and are sampled in January, April, July and October.

In May 2000, a bioslurp remedial system was installed at the WHC site. The remedial system is located within a locked and fenced enclosure. The system is designed to remove LPH, groundwater and petroleum vapors from the extraction wells. The bioslurp remediation system was tested for operation on July 10, 2000 and began continuous operation on August 8, 2000.

#### **b) Waste Stream Processing, Storage, and Disposal**

No unusual or suspect waste stream activities were observed on any of the adjoining properties.

### **4.3 Interviews**

#### **a) Interview with Owner**

The Field Screen Questionnaire answered by one of the owners, Mr. Harry Alhadeff, is included in the appendix

#### **b) Interview with Site Manager**

Mr. Jean Claude Beck, the winemaker general manager, was identified as the Key Site Manager for the property. The Field Screen Questionnaire answered by Mr. Beck is also included in the appendix

#### **c) Interviews with Occupants**

The site is occupied by Apex Cellars, a property of the Washington Hills Cellars. Mr. Milton Roberts, an employee of the Apex Cellars, was interviewed regarding the site. Mr. Roberts indicated that the site was constructed between 1930 and 1940 as a milk processing facility. Mr. Roberts stated that there was a UST system with a fuel pump located by the north wall of the garage. The system provided fuel for the delivery trucks when the site was a dairy plant. According to Mr. Roberts, the UST's were removed from the site in late 80s.

#### **d) Interviews with Local Government Officials**

The employee of the Yakima County Assessor's Office was interviewed and confirmed that the buildings occupying the property were constructed around 1947 as a dairy facility.

#### **e) Interviews with Others**

No additional interviews were conducted.

## 5.0 SITE HISTORY AND OPERATIONS

Standard Historical Sources are categorized as either Fifty-Year Complete or Developmental Complete. A standard Historical Source is considered Fifty-Year Complete if the information contained within the source provides the required information through and back to the 1940 cutoff date in either 5-year intervals or property site milestone events. A Standard Historical Source is considered Developmental Complete if the information contained within the source provides the required information from the point that the property exhibited development (other than agricultural use) or construction continuously to the present in either 5-year intervals or site milestones.

### 5.1 Fifty-Year Complete Standard Historical Source

Historical research regarding the property included research at the Yakima County Court House and the Yakima City Library.

City street directories are reviewed at the local library to determine the prior uses and occupancies of the property. City street directories list property occupants by address, allowing a historical search of tenants on the property. City street directories were reviewed from 1961 to 1996 in five years intervals. No city street directories are available for Sunnyside prior to 1961

1996:	Washington Hills Cellars, Inc.
1990:	Vacant
1980-1985:	Carnation Co. dairy
1966-1975:	Carnation Co. dairy listed at 105 E. Lincoln Ave.

The county records show that the current owner is Washington Hills Cellars, Inc., and the aerial photographs from 1947, 1968, and 2002, obtained from the Yakima County Assessor's office, show that the current buildings occupied the site since 1947. Copies of the historical aerial photographs are included in the appendix.

The 1959 Metsger's map indicates that Carnation Co. owned the property.

### 5.2 Sanborn Maps

Sanborn Maps are detailed drawings that show the location and use of structures on a given property during specific years. Insurance companies originally utilized these maps to assess fire risk, but they are now used as a valuable source of historical and environmental risk information. No Sanborn Maps were available for the site.

### 5.3 Historic Topographic Maps

Historic topographic maps were available for the site from 1965 and 1978. Both of these maps show the current structures at the site.

## 6.0 ENVIRONMENTAL SETTING

### 6.1 Regional Physiographic

Source of reference is a United States Geological Survey (USGS) 7.5 Minute Topographic Quadrangle (quad) Map containing the subject property. The USGS 7.5 minute quad map has an approximate scale of 1" to 24,000 feet, shows physical features such as water bodies, and roadways. The USGS 7.5 quad map is considered to be the only Standard Physical Setting Source, and is sufficient as a single reference.

The property consists of one parcel of land with improvements. The site is accessible from E. Lincoln Ave. and First St. The nearest major roadway is Hwy. I-82, ½ mile south of the site. The elevation is approximately 767 feet above mean sea level. The nearest major body of water is the Yakima River, located approximately 5 miles southwest of the site. There are no flood zones or wetlands associated with the site.

### 6.2 Soil Conditions

Source: USDA Soil Conservation Service STATSGO data.

The review of U.S. Soil Conservation Service data indicates that the soil type is Warden silt loam consisting of a deep and moderately deep, moderately well and well-drained soil.

These soils are in the Class B hydrologic group, and consist of soil with moderately coarse textures. The depth to the water table is more than 6 feet, and these soils do not meet the requirements for hydric soils.

Warden soils consist of a surface layer of silt loam about 5 inches thick, classified as fine-grained silts and clays. The next level to 19 inches deep of very fine sandy loam, with a third layer to 60 inches of fine-grained silt-clay materials with stratified soil texture.

Included in this unit are areas of Outlook and Cleman soils. It should be noted that the characterization previously described is merely a generalization extrapolated from available soils and geologic data. Actually cuts and fills for roadways and underground utilities may have significantly altered the subsurface of the subject property.

The annual precipitation is 6 to 8 inches, the mean annual temperature is 53 degrees F., and the frost-free season is about 155 days.

### 6.3 Ground Water Conditions

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. The groundwater gradient inferred from topography is to the south, southwest following the hydraulic gradient influenced by the Yakima River.

## 7.0 RESULTS OF INVESTIGATION

### 7.1 Methodology and Limited Conditions

We have performed the Phase I Environmental Site Assessment in compliance with the scope and limitations of ASTM Practice E 1527-05 at the subject property in Sunnyside, Washington. Any exceptions to or deletions from this practice are described in Section 2.5 of this report, and special terms and conditions are described in Section 2.9 of this report. During our site visit it was sunny with temperatures in the 60's.

### 7.2 Site and Vicinity General Characteristics

The site is located at 111 E. Lincoln Ave., in Sunnyside, Washington, at the southeast corner of the intersection of E. Lincoln Ave. and First St. The site is located on relatively level land with landscaping located to the north and northeast area of the property. The site used to be a milk processing facility and has been adapted to produce and store wine. The site occupies approximately 4.7 acres and is consists of a large building with several additions, a garage, and storage sheds. Vacant land is located east of the main building and used for semi truck parking. A fence separates the site from adjoining property to the south. A water tower and a 5,000-gallon water tank are located at the west end of the property. There are also several monitoring wells and the remedial system, which is located within a locked remediation shed and fenced enclosure. Residences, a gas station with a car wash, a mini-mart, a laundromat, and storage facilities occupy the areas adjoining the site.

#### a) Interior and Exterior of Structures

Winery: This structure, built around 1947, with additions from various years, covers approximately 36,309 square feet. This building is being used for production and storage of wine with office space, a tasting room, a laboratory, a mechanical room, a bottling room, and a storage area. Exterior walls are wood, metal and concrete block. Interior walls are concrete block and drywall, and the ceiling is unfinished or finished with drywall and ceiling tile. Interior floorings are concrete, ceramic tile and vinyl flooring. The building is heated with a forced air natural gas furnace. Interior lighting is fluorescent, incandescent, and HID lighting. The exterior lighting is HID lighting.

Garage: The garage building covers approximately 2,320 square feet. The exterior walls are concrete block with metal roofing and a concrete slab foundation. The interior is unfinished. Four overhead garage doors are located in the north wall of the building. The building is being used for storage. Mechanical oil above-ground storage tanks, and one hydraulic lift with two small above ground hydraulic fluid storage tanks are located in this building.

Storage shed 1: This is wood-framed structure covering approximately 1,560 square feet. The building is located on a concrete slab foundation with metal roofing. The interior is unfinished. The structure is located east of the garage building and is

dilapidated. At the time of inspection pump motors, paints, containers, and other materials were stored inside of the building. Their removal and proper disposal is recommended.

Storage shed 2: This small building occupies approximately 225 sq. ft. This is a wood-framed structure with wood exterior walls. This building used to be a washroom. A strong ammonia odor prevented interior inspection.

#### **b) Materials and Products Handling, Storage, and Disposal**

Ammonia, glycol, compressed nitrogen, argon, carbon dioxide are used at the site in everyday operations. Some chemicals, like sodium benzoate, and citric acid are stored in the chemical room. MSDS sheets are maintained on-site for all of these chemicals.

At the time of inspection barrels, motors, paints, an abandoned car, unused aboveground storage tanks and other containers and materials were stored inside of the buildings. Their removal and proper disposal is recommended. Leaking oil from the equipment in the mechanical room was observed. Repair of equipment seals is recommended.

#### **c) Potable Water Supply and Sewer Service**

The Port of Sunnyside provides water and sewer utilities.

#### **d) Storage Tanks-Above and Under Ground**

One 300-gallon propane tank is located at the site. Several aboveground storage tanks were abandoned at the site. Their removal and proper disposal is recommended.

The site is listed as an industrial winery site in the Environmental Databases NPDES, FINDS, and UST lists. According to information received from the Washington Department of Ecology (DOE), at least two underground storage tanks (USTs) were installed at the facility. There are no records for removal or closure filed with the WA Department of Ecology. The Port of Sunnyside was contacted and had no record of the tank removal. Two monitoring wells are located where the tanks had been, and monitoring results from these wells were always non-detect for petroleum; however, a UST check is recommended at the site to insure that all of the USTs have been removed.

### **7.3 Results of Regulatory Agency Contacts**

The Sunnyside Fire Department was contacted regarding the existence of previously reported spills or releases at the subject property address as required by the Emergency Response Notification System (ERNS) and the Superfund Amendments and Reauthorization Act (SARA) Title 301 (304). The Sunnyside Fire Department had no records of spills or releases pertinent to the subject property.



## 8.0 CONCLUSIONS

### 8.1 Potential On-Site Contamination Sources

#### a) Asbestos-Containing Building Materials

The term "asbestos" is applied to a group of naturally occurring fibrous, inorganic hydrated mineral silicates. Asbestos-containing building materials (ACBM) were widely used in building applications as fireproofing, insulation, and soundproofing from about 1946 until the EPA banned its use. Any material containing more than one percent asbestos is considered an ACM by the Environmental Protection Agency (EPA). Asbestos has been designated as a hazardous air pollutant under the National Emission Standard for Hazardous Air Pollutants (NESHAP). The NESHAP regulations prohibit visible asbestos emissions from mills and manufacturing plants, establish notification requirements and procedures for the demolition and renovation of all buildings containing friable asbestos, and delineate procedures to be followed in the disposal of asbestos-containing waste material. "Friable asbestos material" is any material that contains greater than one percent asbestos by weight, and can be pulverized, crumbled, or reduced to powder by hand pressure. To date, there are no federal regulations requiring the removal of asbestos from industrial or commercial buildings, even if friable.

According to the OSHA Asbestos Construction Standard (29 CFR 1926.1101), building owners and employers are required to have an Asbestos Management Plan, which identifies the potential asbestos hazards within their pre-1980 facilities.

During the on-site inspection, building materials were observed including but not limited to: drywall and roofing materials. As defined in NESHAP 61.141, the observed materials may be classified as suspect regulated asbestos-containing materials. Prior to demolition, renovation, or any other activity that may disturb these materials, either an inspection should be performed by an AHERA accredited Building Inspector or the materials should be handled as asbestos containing.

#### b) PCB-Containing Exterior Electrical Transformers

Polychlorinated biphenyls (PCBs) were produced in the United States between 1929 and 1976 for use as nonflammable cooling oils. PCB-contaminated fluids can be found in electrical transformers, hydraulic equipment, natural gas compressors, capacitors and other electrical equipment. The EPA indicates in 40 CFR part 761 that a transformer is considered a "PCB transformer" if the oil contains 500 parts per million (ppm) or greater of PCBs. A "PCB-contaminated transformer" is one that contains 50-499 ppm PCB, and a "non-PCB transformer" is one that contains less than 50 ppm PCB as determined by manufacturer certification or laboratory analysis.

At the time of inspection, the transformers appeared to be in good condition.

#### **c) PCB-Containing Fluorescent Light Fixture Ballasts**

Based on the age and the appearance of the fluorescent light fixtures, a potential exists for the ballasts inside the light fixtures to contain PCBs.

#### **d) Dangerous Waste Lamps**

According to EPA regulations, certain fluorescent tubes, HID lamps (including mercury vapor, metal halide, and high pressure sodium lamps), compact fluorescent lamps, and some neon lamps are classified as dangerous waste due to mercury in vapor form and lead in the glass and solder. Mercury and lead in the environment have been shown to cause neurological disorders in humans, and are proven to be persistent, bio-accumulative, and toxic. Newer fluorescent tubes marked with a green band are considered safe for disposal in the trash. All other fluorescent, HID, and neon lamps should be treated as dangerous waste, and disposed of in accordance with all Local, State, and Federal regulations.

Fluorescent and incandescent interior lamps and HID exterior lighting was observed.

#### **e) PCB-Containing Interior Capacitors and Equipment**

One in-ground hydraulic lift is located in the garage building. Older hydraulic equipment is known to contain sometimes PCB and oil mixtures, this lift is not being used and therefore removal is recommended.

#### **f) Storage Tanks - Above and Under Ground**

One 300 gallons propane tank is located at the site. Several aboveground storage tanks were abandoned at the site. Their removal and proper disposal is recommended.

The site is listed as an industrial winery site in the Environmental Databases NPDES, FINDS, and UST lists. According to information received from the Washington Department of Ecology (DOE), at least two underground storage tanks (USTs) were installed at the facility. There are no records for removal or closure filed with the WA Department of Ecology. The Port of Sunnyside was contacted and had no record of the tank removal. Two monitoring wells are located where the tanks had been, and monitoring results from these wells were always non-detect for petroleum; however, a UST check is recommended at the site to insure that all of the USTs have been removed.

#### **g) Indoor Air Quality and Visible Emissions**

At the time of inspection, a strong odor of ammonia prevented the inspection of the one storage shed. Proper storage of ammonia products, and repair of any leaking equipment, is recommended for health and safety reasons.

#### **h) Lead in Drinking Water**

Based upon the age of the building and construction standards, there is a potential for the interior plumbing to contain lead in the pipes or lead-based solder. Presence or absence of elevated lead concentrations in the water can only be confirmed through laboratory testing, although no current Federal regulations require individual property owners to test for lead in drinking water.

#### **i) Lead-Based Paint**

In 1978, the Federal Government banned the use of lead-based paint in residential applications; however, use in general industry continued at a decreased rate to the present. Lead-based paint presents a hazard through inhalation or ingestion of paint chips or vapor fumes. The greatest cumulative health threat is to young children, and for this reason the Department of Housing and Urban Development (HUD) has promulgated lead standards and survey requirements for buildings affected by HUD funding. This HUD regulation represents the only Federal requirement for lead-based paint hazard management applicable to privately owned structures.

Effective June 3, 1993, the Lead in Construction Standard codified in 29 CFR 1926.62 applies to sources or potential sources of lead exposure present in an "employment-related" context. The trigger mechanism for application of the standard is an activity that by its inherent nature may cause exposure to lead. Therefore, within the content of regulatory compliance for OSHA, the subject property did not appear to require further response to suspect lead-based paint. However, prior to renovation, demolition, or any activity that will cause a disturbance of any suspect lead-based paint, sampling to determine lead content is recommended.

#### **j) Waste Water and Storm Water Discharges**

The discharge of any pollutant directly into the waters of the United States from a new or existing point source is prohibited unless the point source has a National Pollutant Discharge Elimination System (NPDES) permit. NPDES permits must be renewed every five years and typically include requirements for periodic monitoring and reporting. All point source discharges regulated by the Clean Water Act (CWA) are subject to the applicable water quality-based standards as established in the NPDES codification 40 CFR Subpart D §131.36. Additionally, CWA Sections 402 (p)(1) and (p)(2) have created categories of storm water discharges within Permit Issuance and Permit Compliance Deadlines for Phase I Storm Water Discharges effective October 1, 1993, that may also be applicable to the subject property (as detailed in the Federal Register, Volume 57, Number 244). Depending upon the outcome of EPA-initiated notice and comment revisions actions for further rule making clarification, the subject property may be required to submit a NPDES initial storm water discharge permit under 40 CFR §122.26 or 40 CFR Chapter I - Preamble Appendix A.

Waste water from the winery is filtered on-site and discharged to industrial wastewater treatment facility of Port of Sunnyside. State waste discharge permit No. ST-9118, issuance date: September 13, 2004, expiration date October 31, 2009.

A copy of the permit is included in the appendix.

#### **k) Formaldehyde**

Formaldehyde is an extremely popular chemical used in a variety of both building materials and furnishing products. Currently national usage is estimated in the billions of pounds per year. EPA has now classified formaldehyde as a "probable human carcinogen" suspected of inducing cancer in humans. Studies have shown that after installation, indoor formaldehyde levels require years of decline to reach residual background levels. During the off-gassing process, the indoor levels can be a significant source of irritation to hypersensitive individuals.

The formaldehyde product investigated within the scope of this Assessment is urea-formaldehyde foam insulation (UFFI), used in the 1970s primarily as wall cavity insulation. The release potential of UFFI from wall cavities is dependent upon factors such as; water-damaged walls, unpainted wall surfaces, or cracked paint or wall covering. While interior air sampling and analysis is the only conclusive method to delineate formaldehyde concentrations, visual and physical inspection of the property indicated no potential for UFFI contamination.

#### **l) Pesticides and Herbicides**

No evidence of any pesticide or herbicide use was observed at the time of inspection.

#### **m) Radon**

Radon is emitted by the natural breakdown and radioactive decay of uranium in rocks and soils, which then enters buildings through cracks in the foundation, sump pumps, areas around drainage pipes and other openings. In addition, radon may enter a structure as a water contaminant, natural-gas contaminant, or off-gas by product of building materials. Once inside an enclosed space, radon can accumulate. Radon has been declared by the EPA as the second leading contributor to lung cancer, after smoking. EPA guidelines for the highest acceptable level of radon are 4 picoCuries per liter (pCi/l). At this level, the estimated number of lung-cancer deaths due to radon exposure is 13-50 out of 1,000. An EPA survey of indoor radon concentrations in 11,000 homes from Arizona to Massachusetts revealed that radon levels exceeded the EPA's action level of 4 pCi/l in one out of three homes. Yet another study in 10 other states found that one in five homes exceeded the 4 pCi/l level.

No visual estimation technique exists that accurately predicts the potential radon risk within a building. The radon risk is a function of site location, soils composition, building construction, foundation integrity, and previous landfill practices. Actual physical testing of a building is the only way to accurately determine the radon levels. Radon health risks can be controlled by recognizing the potential for a problem, by testing and by reduction of

radon levels in the building. The property exhibits low potential for radon contamination, based upon the visual indicators observed during the site observation.

The EPA has assigned each of the 3141 counties in the United States to one of the three Radon Zones:

Zone 1	Predicted average indoor screening level	>than 4pCi/L
Zone 2	Predicted average indoor screening level	$\geq 2$ pCi/L and $\leq 4$ pCi/L
Zone 3	Predicted average indoor screening level	< 2 pCi/L

Yakima County Radon Zone Level: 2

#### **n) Railroad Right-of-Way**

There is no railroad right-of-way at or adjoining the site.

#### **o) Wetlands**

This site was not listed in the environmental database as containing wetlands, and the soil did not qualify as a hydric soil. Visual on site inspection revealed some evidence of areas of standing water or wetland plant indicators relating to natural drains. These areas are left vacant.

It should be noted that these wetland observations are based on secondary information and conditions at the time of the site visit, and do not take into account weather variations such as season, drought, snow cover, etc. If further wetlands review is required, wetlands delineation should be performed by a qualified hydro-geologist.

#### **p) Mold**

Since no EPA, State or Federal, threshold limits have been set for mold spores, no sampling for mold will be done to check a building's compliance with Federal or other mold standards.

The results of sampling may have limited use or application. Sampling may only help locate the source of mold contamination, identify some of the mold species present, and differentiate between mold, soot or dirt.

Air sampling for mold provides information only for the moment in which the sampling occurred, much like a snapshot. Air sampling will reveal, when properly done, what was in the air at the moment the sample was taken. Without set mold standards, sampling results are difficult to interpret, especially if there is no visible mold growth present. On the other hand, if there is visible mold growth present, sampling is unnecessary.

The buildings were inspected for visual evidence of mold or mildew. Evidence of water damage was apparent, and a Mold Assessment is recommended according to EPA guidelines. It should be noted, however, that Washington State currently has no official regulations concerning mold contamination.

#### **q) Known Site Problems**

The site is listed as an industrial winery site in the Environmental Databases NPDES, FINDS, and UST lists. According to information received from the Washington Department of Ecology (DOE), at least two underground storage tanks (USTs) were installed at the facility. The Port of Sunnyside reportedly removed these tanks in the spring of 1988; however, notice of permanent closure has not been completed with the DOE. The Port was contacted and had no record of the tank removal. Two monitoring wells are located where the tanks had been, and monitoring results from these wells were always non-detect for petroleum; however, a Phase II is recommended at the site to insure that all of the USTs have been removed.

Several aboveground storage tanks were observed at the site, along with paints, oil containers, pump motors, an abandoned vehicle, and other materials. Removal and proper disposal of these items is recommended.

An underground hydraulic lift is located in the garage building, with aboveground storage tanks for the hydraulic fluid. This lift is no longer used, and its removal is recommended.

At the time of inspection, a strong odor of ammonia prevented the inspection of storage shed #2. Proper storage of ammonia products, and repair of any leaking equipment, is recommended for health and safety reasons.

In September of 1996, a large petroleum release was detected at the Valley View Market, a Time Oil Co. property, located at 107 W. Lincoln Ave., which is up gradient of the Apex Winery, or Washington Hills Cellars Property (WHC Property). The extensive site characterization that was conducted during February, March and July of 1996, confirmed that soil and groundwater had been impacted by the petroleum release.

Groundwater monitoring has been conducted at the site on a quarterly basis since March 1997. Eighteen monitoring wells, five recovery wells and the WHC production well comprise the monitoring program and are sampled in January, April, July and October.

In May 2000, a bioslurp remedial system was installed at the WHC site. The remedial system is located on the Washington Hills Cellars Property, within a locked remediation shed and fenced enclosure. The system is designed to remove LPH, groundwater and subsurface vapors from the extraction wells. The bioslurp remediation system was tested for operation on July 10, 2000 and began continuous operation on August 8, 2000.

On January 10, and 11, 2006, Sound Environmental Strategies collected groundwater samples from 22 of the monitoring wells using low-flow techniques. A sample was also collected from the WHC production well. Three wells (MW-13, MW-14, and MW-15) were dry and did not produce sufficient water to sample. GPH was detected at a concentration in excess of the Model Toxic Control Act from recovery well RW-06 and benzene exceeded the MTCA Method A Clean-up level in RW-02, RW-06, RW-08. Groundwater samples collected from MW-18, RW-02, RW-07, and RW-08 contained a concentration of MTBE that exceeded the MTCA Method A clean-up level. MTBE was encountered in groundwater collected from RMW-09, -03, -05, -06, but did not exceed the clean-up levels. No concentrations of chemicals of concern were detected in MW-01 to MW-12, MW-16, MW-17, and RW-01, and RW-04. Maps with the monitoring wells are included in the appendix.

Maps with the monitoring wells are included in the appendix.

During the course of the on-site visual inspection, a review of the available information at the Yakima County Courthouse, the Yakima City Library, and a review of the Environmental Database for the target site, no further potential environmental risks, recognized environmental conditions or hazards were discovered.

## **8.2 Potential Off-Site Contamination Sources**

A search of the regulatory databases revealed no reported sites within ¼ mile from the subject property at an equal or higher elevation. However the Valley View Market, at 107 W. Lincoln Ave. adjoins the site to the west at a higher elevation than the subject site. A Cenex Gas Station adjoins the site to the east at a lower elevation.

See Environmental Database in the Appendix.

## **8.3 Regional or Adjacent and Adjoining Problems**

Time Oil Company Property, located at 107 W. Lincoln Ave., is adjoining the site to the west, and is located up gradient of the Apex Winery, the Washington Hills Cellars Property (further referred as WHC Property). A contamination of soils impacted by petroleum hydrocarbons was detected at Time Oil Company Property in September of 1996. Subsurface investigation completed in February, March and July of 1996 confirmed that soil and groundwater had been impacted. Groundwater monitoring has been conducted at the site on a quarterly basis since March 1997. Eighteen monitoring wells, five recovery wells and the WHC production well compromise the monitoring program and are sampled in January, April, July and October.

In May 2000 a bioslurp remedial system was installed at the WHC site. The remedial system is located on the Washington Hills Cellars Property, within a locked remediation shed and fenced enclosure. The system is design to remove LPH, groundwater and subsurface vapors from the extraction wells. The bioslurp remediation system was tested for operation on July 10, 2000 and began continuous operation on August 8, 2000.

Most recently Sound Environmental Strategies collected groundwater samples from 22 of the monitoring wells on January 10, and 11, 2006 using low-flow techniques. A sample was also collected from the WHC production well. Three wells (MW-13, MW-14, and MW-15) were dry and did not produce sufficient water to sample. GPH was detected at the concentration in excess of the Model Toxic Control Act from recovery well RW-06 and benzene exceeded the MTCA Method A Clean-up level in RW-02, RW-06, RW-08. Groundwater samples collected from MW-18, RW-02, RW-07, and RW-08 contained concentration of MTBE that exceed the MTCA Method A clean-up level. MTBE was encountered in groundwater collected from RMW-09, -03, -05, -06 but did not exceed the clean-up levels. No concentration of chemicals of concern were detected in MW-01 to MW-12, MW-16, MW-17, and RW-01, and RW-04

Maps with the monitoring wells are included in the appendix.

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**a) Potential Adjacent and Adjoining Property Contamination Receptors**

Environmentally sensitive receptors were investigated within a thousand feet of the borders of the subject property. Sensitive receptors are materials or structures particularly susceptible to environmental damage or stress from migrating contamination. The major receptor groups investigated were water supplies, surface water bodies, residential structures, and other public receptors. During the course of on-site visual observation, no indicators of sensitive receptor contamination were observed.



## **8.4 Review and Description of Environmental Databases**

This review of the existing compilation of the Federal environmental databases attempts to identify environment problem sites, activities, and occurrences from the records and reports of the US Environmental Protection Agency (US EPA).

A detailed listing is included in the Appendix under **Environmental Database**.

### 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).

Database Release Frequency: Semi-Annually

#### **Proposed NPL: Proposed NPL Sites**

Source: EPA

Telephone: N/A

Database Release Frequency: Semi-Annually

#### **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 for or are on the National Priorities List (NPL) and site which are in the screening and assessment phase for possible inclusion on the NPL.

Database Release Frequency: Quarterly

#### **CERCLIS-NFRAP: No Further Remedial Action Planned**

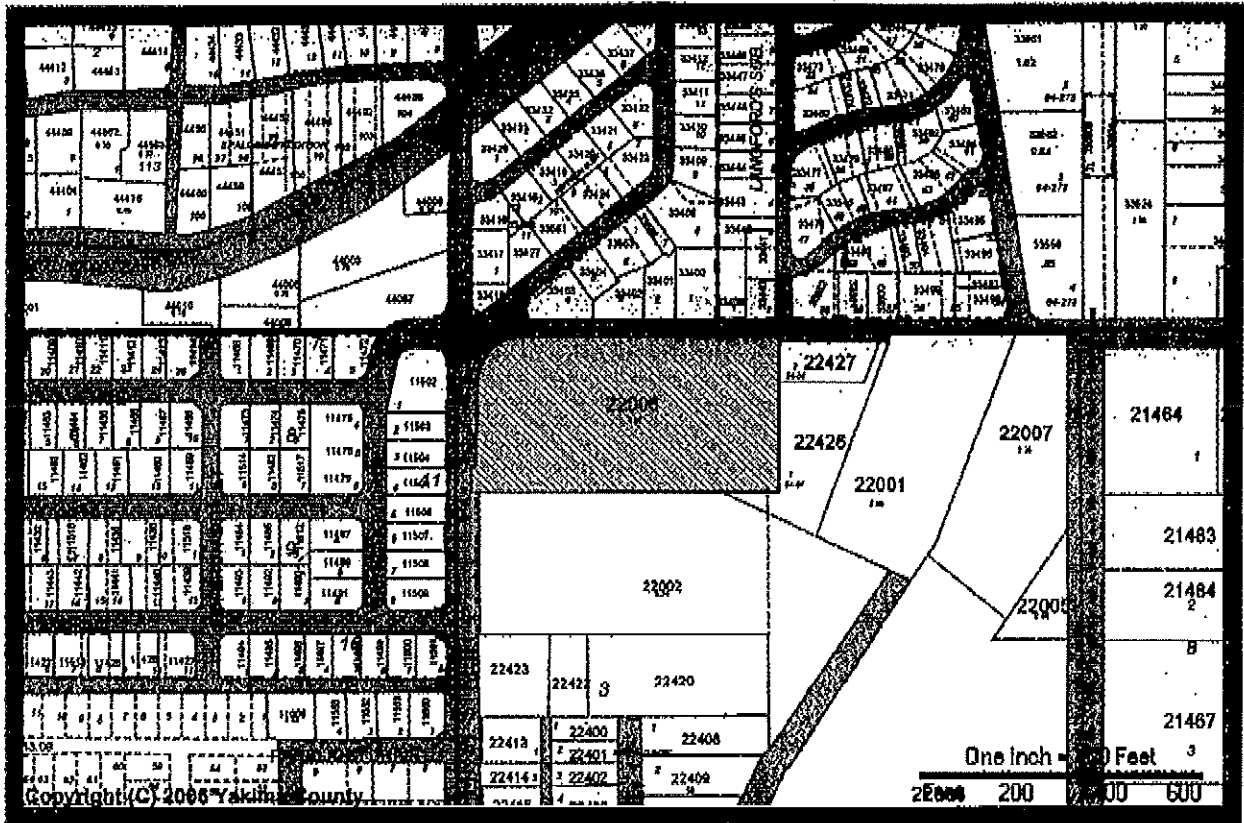
Source: EPA

Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 2,500 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

[Print Map] [Close Map]

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PROPERTY PHOTO	PROPERTY INFORMATION	
	Parcel Address: 111 E LINCOLN AVE, WA	
	Parcel Owner(s): WASHI WASHINGTON HILLS CELLARS INC	
	Parcel Number: 22103622006	
	Parcel Size: 4.67 Acre(s)	
	Property Use: 21 Manufacturing Food	
	TAX AND ASSESSMENT INFORMATION	
	Tax Code Area (TCA): 460	Tax Year: 2007
	Improvement Value: \$428600	Land Value: \$203450
	Current Use Value: \$0	Current Use Improvement: \$0
	New Construction: \$0	Total Assessed Value: \$630050
OVERLAY INFORMATION		
Zoning:	Jurisdiction: Sunnyside	
Urban Growth Area: Sunnyside	Future Landuse Designation: City Limits (Yakima County Plan 2018)	
FEMA: Not within floodplain.	FIRM Panel Number: 5302270000A	
LOCATION INFORMATION		
+ Latitude: 46° 18' 57.788"	+ Longitude: -120° 1' 07.415"	
Range: 22 Township: 10 Section: 36		
Narrative Description: BEG NW COR NW1/4 NW1/4, TH E 670 FT, THS 341.5 FT, TH N 89°59'59 W 688.81 FTTH N 341.5 FT TO BEG EX N & W CO RDR/W		
DISCLAIMER		
MAP AND PARCEL DATA ARE BELIEVED TO BE ACCURATE, BUT ACCURACY IS NOT GUARANTEED; THIS IS NOT A LEGAL DOCUMENT AND SHOULD NOT BE SUBSTITUTED FOR A TITLE SEARCH, APPRAISAL, SURVEY, FLOODPLAIN OR ZONING VERIFICATION		

future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected cities to promote economic redevelopment of unproductive urban sites.

Database Release Frequency: Quarterly

**CORRACTS:** Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activities.

Database Release Frequency: Semi-Annually

**RCRA:** Resource Conservation and Recovery Act Information

Source: EPN/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).

Database Release Frequency: Varies

**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.

Database Release Frequency: Annually

## 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 the data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposable Facilities. Database Release Frequency: Biennially

### **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.

Database of Release Frequency: Varies

### **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.

Database Release Frequency: Annually

### **DELISTED NPL: NPL Deletions**

Source: EPA

Telephone: N/A

The National Oil and Hazardous Substance Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete site from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Database Release Frequency: Quarterly

### **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 status), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental status), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Database Release Frequency: Quarterly

**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.

Database Release Frequency: Annually

**MLTS: Materials Licensing Tracking System**

Source: Nuclear Regulator 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 NCR licensing requirements. To maintain currency, we contact the Agency on a quarterly basis.

Database Release Frequency: Quarterly

**MINES: Mines Master Index File**

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959

Database Release Frequency: Semi-Annually

**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.

Database Release Frequency: No update Planned

**PADS: PCB Activity Database System**

Source: EPA

Telephone: 202-260-3936

PCB Activity Database. PADS Identifies generators, transporters, commercial stores and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Database Release Frequency: Annually

**DOD: Department of Defense Sites**

Source: USGS

Telephone: 703-692-8801

Federally owned lands administered by the Department of Defense, that have an area greater than 640 acres of the United States, Puerto Rico, and the US Virgin Islands.

Database Release Frequency: Semi-Annually

**UMTRA: Uranium Mill Tailings Sites**

Source: Department of Energy (DOE)

Telephone: 505-845-0011

Listing of 24 inactive uranium mill tailings sites in the US, which are targeted for cleanup by the DOE.

Database Release Frequency: Varies

**ODI: Open Dump Inventory**

Source: EPA

Telephone: 800-424-9346

Disposal facilities that do not comply with Part 257 or Part 258 Subtitle D criteria.

Database Release Frequency: No Update Planned

**FUDS: Formerly Used Defense Sites**

Source: US Army Corps of Engineers

Telephone: 202-528-4285

Former defense sites where the Corps of Engineers is actively working or will take necessary cleanup actions.

Database Release Frequency: Varies

**INDIAN RESERVE: Indian Reservations**

Source: USGS

Telephone: 202-208-3710

Indian administered lands that have an area equal to or greater than 640 acres of the United States.

Database Release Frequency: Semi-Annually

**US ENGINEERING CONTROLS: Engineering Controls Sites List**

Source: EPA

Telephone: 703-603-8867

A listing of sites with engineering controls in place.

Database Release Frequency: Varies

**RAATS: RCRA Administrative Action Tracking System**

Source: EPA

Telephone: 202-564-4104

RCRA Administrative Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil action brought by the EPA. For administration action after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the databases 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.

Database Release Frequency: No Update Planned

**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.

Database Release Frequency: Annually

**TSCA: Toxic Substances Control Act**

Source: EPA

Telephone: 202-260-1444

Toxic Substance 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.

Database Release Frequency: Every 4 years.

**FTTS: Fifra/Tsca Tracking System**

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

Telephone: 202-260-7864

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) over the previous five years. To maintain currency, EDR contacts the Agency on a quarterly basis.

Database Release Frequency: Quarterly

**FTTS INSP: Fifra/TSCA Tracking System**

Source: EPA

Telephone: 202-564-2501

Database Release Frequency: Quarterly

**SSTS: Section 7 Tracking Systems**

Source: EPA

Telephone: 202-564-5008

Section 7 of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, requires all registered pesticide-producing establishments to submit a report to the EPA by March 1<sup>st</sup> each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Database Release Frequency: Annually

**US BROWNFIELDS: A Listing of Brownfields Sites**

Source: EPA

Telephone: 202-566-2777

Database Release Frequency: Semi-Annually

## 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.

Database Release Frequency: Semi-Annually

### **HSL: Hazardous Sites List**

Source: Department of Ecology

Telephone: 360-407-7200

The Hazardous Sites List is a subject of the CSCSL Report. It includes sites which have been assessed and ranked using the Washington Ranking Method (WARM).

Database Release Frequency: Semi-Annually

### **SWF/LF: Solid Waste Facility Database**

Source: Department of Ecology

Telephone: 260-407-6132

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.

Database Release Frequency: Annually

### **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 tanks incidents. Not all states maintain these records, and the information stored varies by state.

Database Release Frequency: Quarterly

### **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 Resource Conservative and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Database Release Frequency: Quarterly



**INDIAN UST: Underground Storage Tanks on Indian Land**

Source: EPA Region 10

Telephone: 206-553-2857

Database Release Frequency: Varies

**INDIAN LUST: Leaking Underground Storage Tanks on Indian Land**

Source: EPA Region 10

Telephone: 206-553-2857

Database Release Frequency: Varies

**VCP: Voluntary Cleanup Program Sites**

Source: Department of Ecology

Telephone: 360-407-7200

Sites that have entered either the Voluntary Cleanup Program or its predecessor the Independent Remedial Action Program.

Database Release Frequency: Varies

**STATE OF WASHINGTON ASTM SUPPLEMENTAL RECORDS**

**CSCSL NFA: Confirmed & Contaminated Sites – No Further Action**

Source: Department of Ecology

Telephone: 360-407-7170

This 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.

Database Release Frequency: Semi-Annually

**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.

Database Release Frequency: Quarterly

**SPILLS: Reported Spills**

Source: Department of Ecology

Telephone: 360-407-7450

Spills reported to the Spill Prevention, Preparedness, and Response Division.

Database Release Frequency: Semi-Annually

---

**AST: Aboveground Storage Tank Locations**

Source: DOE

Telephone: 360-407-7562

Database Release Frequency: Varies

**DRYCLEANERS: Drycleaning Facilities**

Source: DOE

Telephone: 360-407-7562

A list of registered drycleaning facilities in Washington.

Database Release Frequency: Varies

**CDL: Clandestine Drug Lab Contaminated Site List**

Source: Department of Health

Telephone: 360-236-3380

Properties declared unfit for use due to meth lab and/or storage activities.

Database Release Frequency: Varies

**EMI: Washington Emissions Data System**

Source: Department of Ecology

Telephone: 360-407-6040

Database Release Frequency: Annually

## 9.0 STATEMENT OF THE ENVIRONMENTAL PROFESSIONALS

### Statement of Quality Assurance

I have performed this Assessment in accordance with generally accepted environmental practices and procedures, as of the date of this report. I have employed the degree of care and skill normally exercised under similar circumstances by reputable environmental technologists practicing in this area. The conclusions contained within this assessment are based upon site conditions readily observed or which were reasonably ascertainable and present at the time of the site inspection.

The conclusions and recommendations stated in this report are based upon personal observations made by myself, other employees, and also upon information provided by others. I have no reason to suspect or believe that the information provided is inaccurate.

Signature of Environmental Professional:

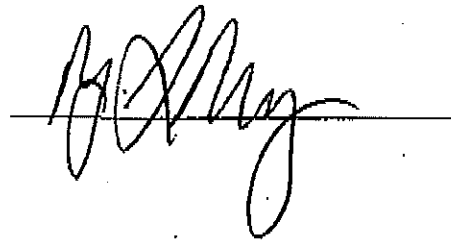


### Statement of Quality Control

The objective of this Phase I ESA Report was to ascertain the potential presence or absence of environmental releases or threatened releases that could impact the subject property, as delineated by the scope of work. The procedure was to perform the assessment in accordance with the existing regulations, currently available technology, and generally accepted engineering practices in order to accomplish the stated objective.

The Scope of this assessment does not purport to encompass every report, record, or other form of documentation relevant to the property being evaluated. Additionally, this assessment does include or address reasonably ascertainable Environmental Liens currently recorded against the property. To the best of my knowledge, this Environmental Site Assessment has been performed in compliance with the ASTM 1527-05 Standard Operating Procedures protocol for Phase I Environmental Site Assessments.

Signature of BMEC, Inc. Quality Control:



## 10.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

Ms. Grace Henrichs performed site reconnaissance and report preparation.

Ms. Henrichs holds a M.A. in Environmental Science from the University of August Cieszkowski in Poznan, Poland, with specialization in Environmental Protection.

Mr. Yancy Meyer performed the quality control for the report.

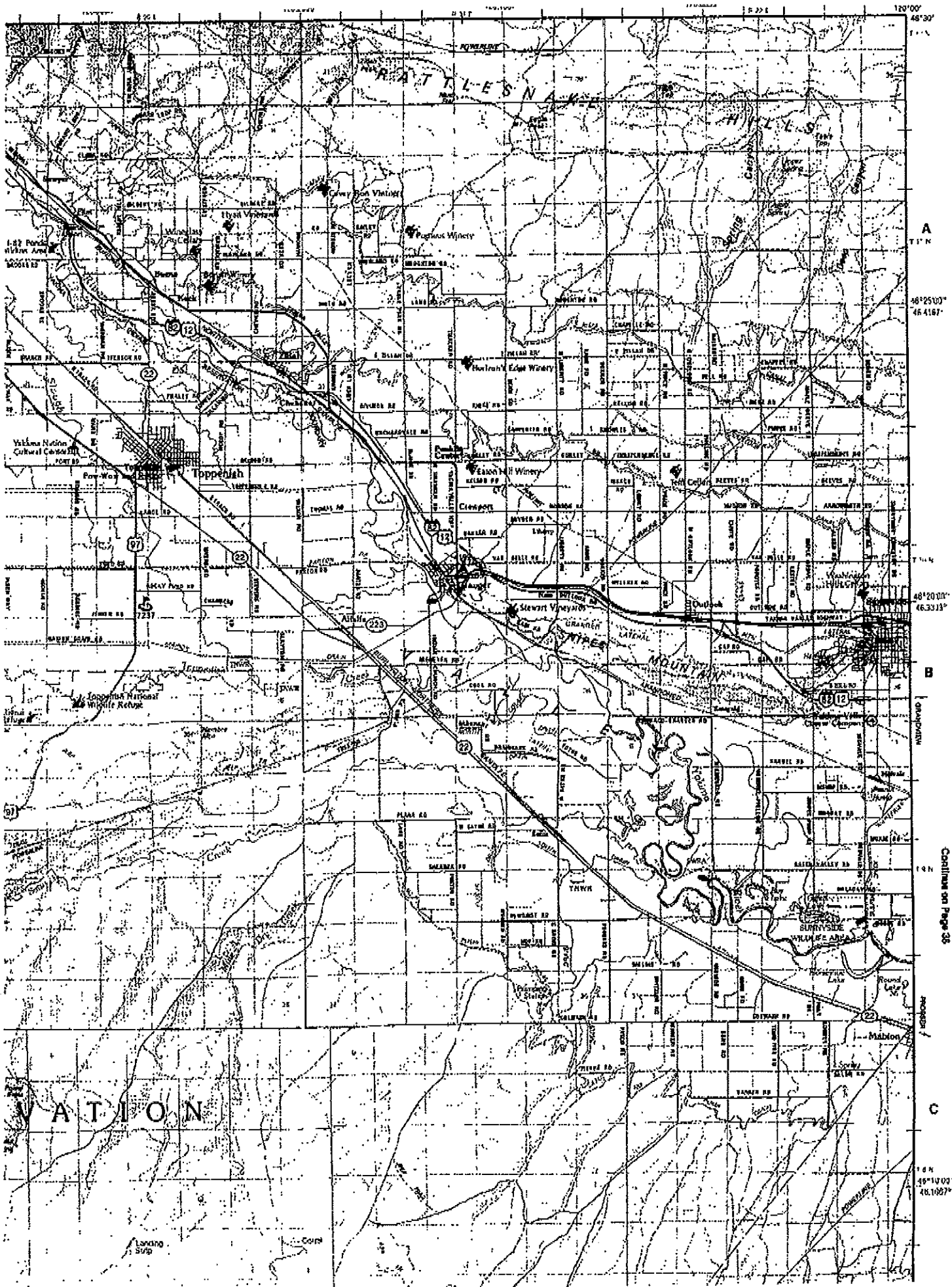
Mr. Meyer holds a B.S. in Chemistry from Southern Oregon University, and he is an accredited Asbestos Hazard Emergency Response Act (AHERA) Building Inspector since January 2003 (#3509-05-17-02), and a Washington and Oregon USTS Site Assessor (ICC#5226971, OR#24070) and an Oregon Soil Matrix cleanup specialist (#24270) since 2004. Mr. Meyer has also been certified as a Level II Wastewater Treatment Operator, and he has current HAZWOPER certification.

Mr. Peter H. Trabusiner performed quality assurance.

Mr. Trabusiner holds a BS in Environmental Engineering from Nova University in Florida, and he has been an accredited Asbestos Hazard Emergency Response Act (AHERA) Building Inspector since 1993 (#3509-05-17-04), Washington and Oregon USTs Site Assessor (#14359) and certified as an Oregon Soil Matrix cleanup specialist (#14360) since 1993. Mr. Trabusiner also has been a Certified Environmental Specialist with the National Environmental Assessment Association since 1995 (#1418), and has been working in his field since 1987.

---

**SITE MAPS / LEGAL DESCRIPTION**



A

46°25'00"  
46.4167°

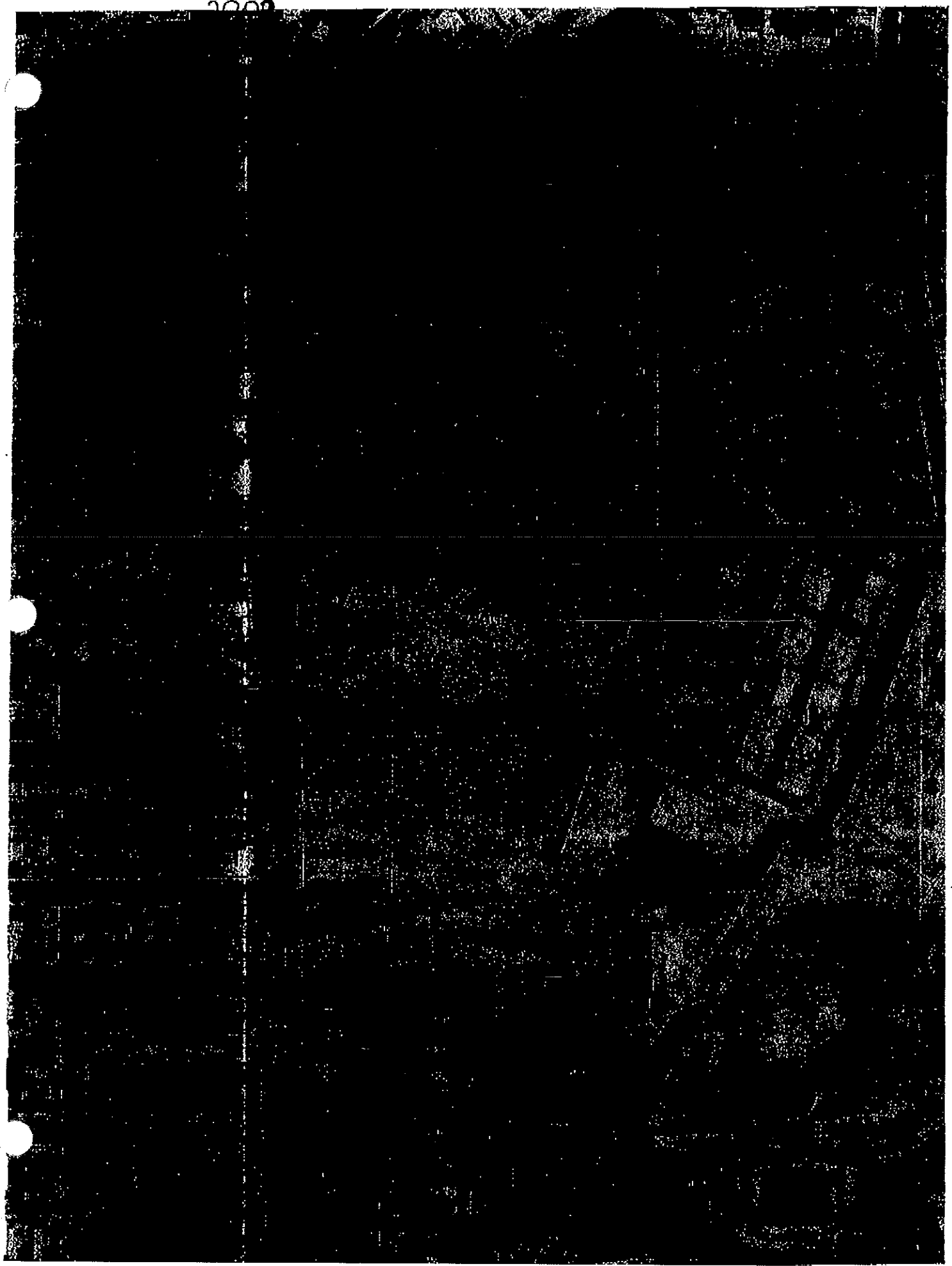
46°20'00"  
46.3333°

B

Continued on Page 36

C

46°15'00"  
46.2500°



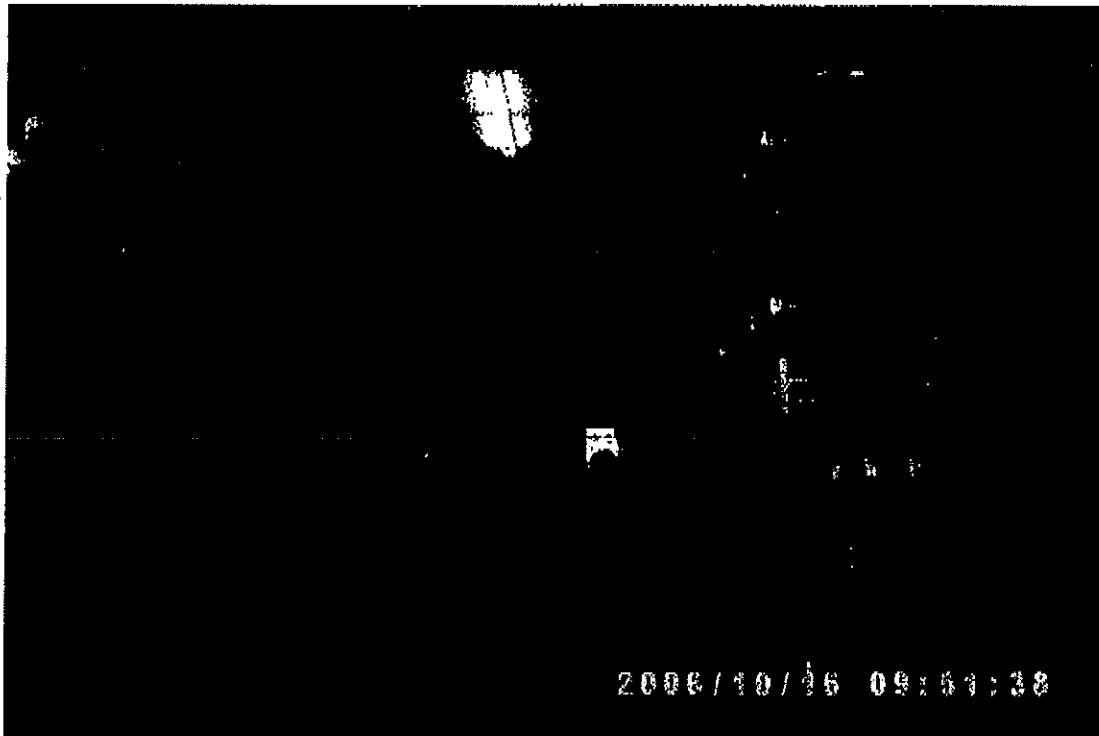
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## **SITE PHOTOGRAPHS**

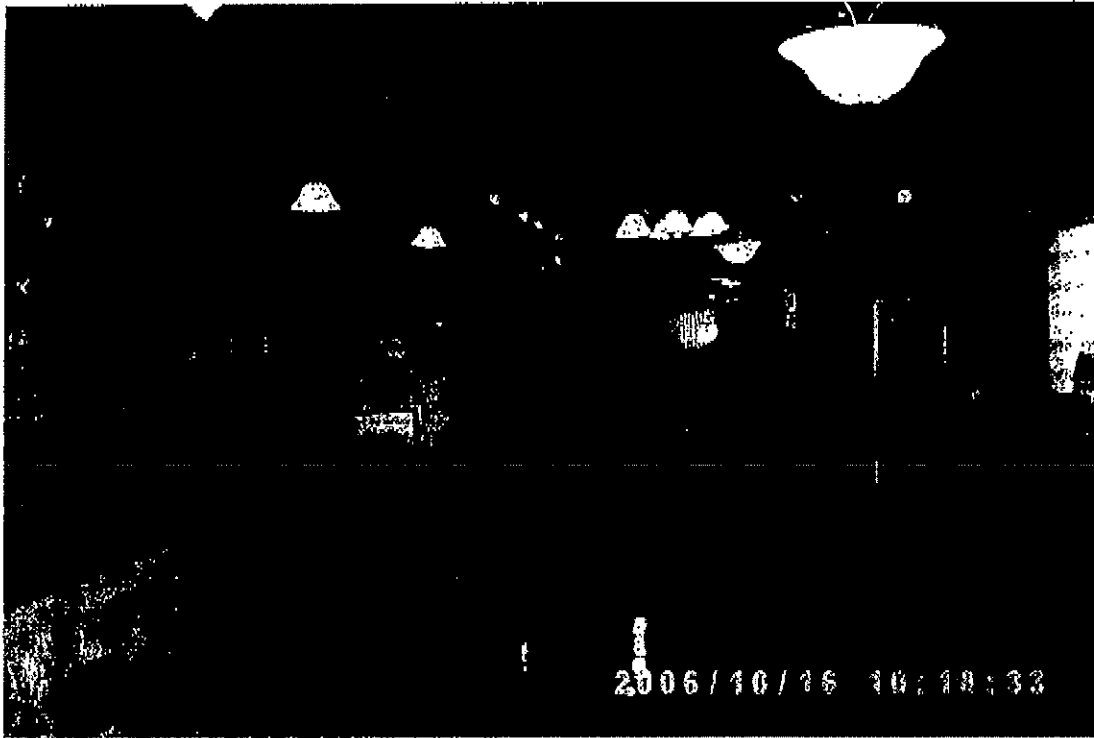




NORTHWEST AREA OF THE PROPERTY WITH A FENCED REMEDIAL SHED LOOKING SOUTH.



WINE STORAGE AREA AT THE SUBJECT SITE.



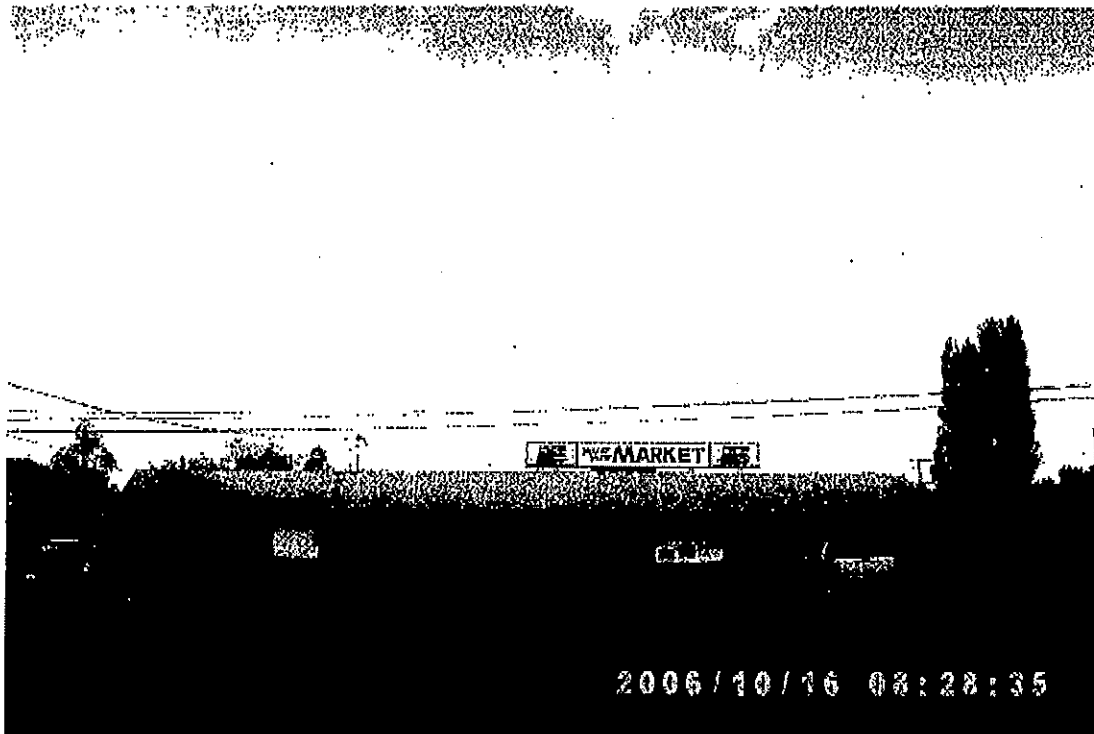
WINE TASTING ROOM AT THE SUBJECT PROPERTY.



ABOVEGROUND MOTOR OIL TANKS IN THE GARAGE AREA.



PRODUCTION AREA OF THE APEX WINERY LOOKING NORTH FROM THE ADJOINING PROPERTY.



VALLEY VIEW MARKET ACROSS FIRST ST.

# SANBORN MAPS

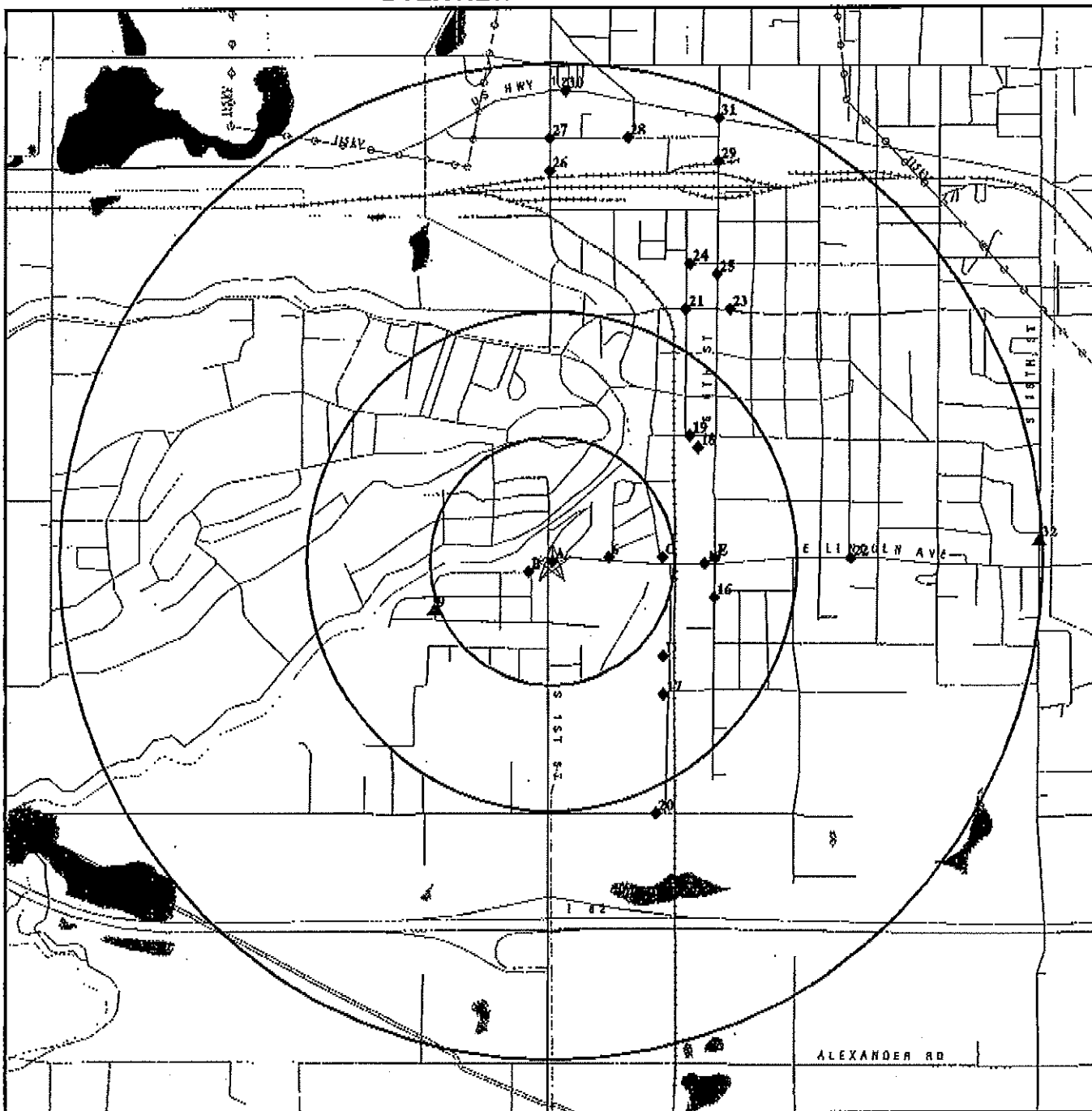
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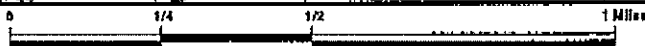
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# **ENVIRONMENTAL DATABASE**

# OVERVIEW MAP - 1776958.1s

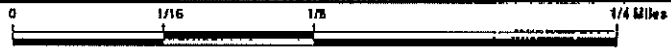
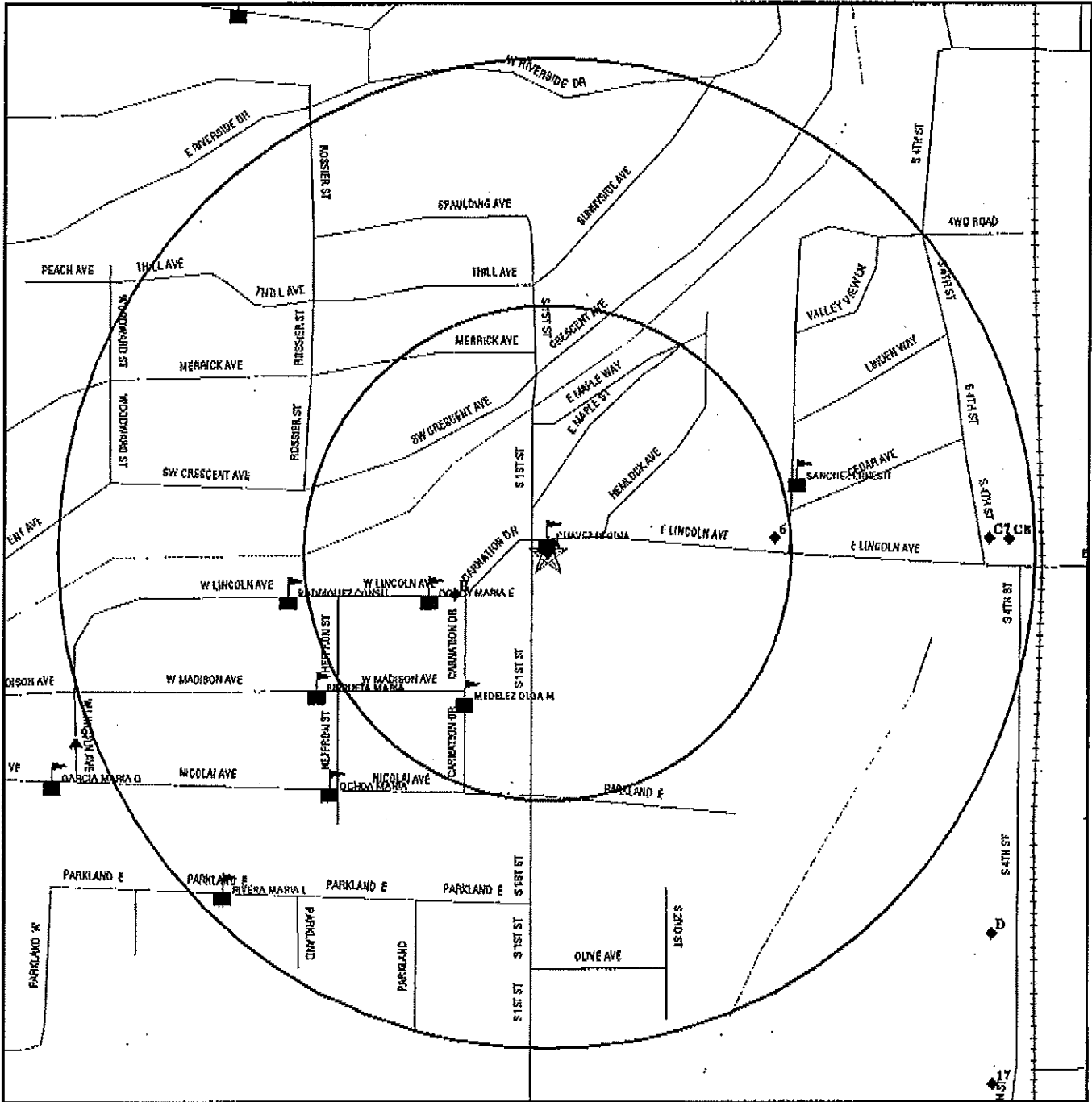


- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- National Wetland Inventory



<p><b>SITE NAME:</b> Apex Winery  <b>ADDRESS:</b> 111 E. Lincoln St.          Sunnyside WA 98944  <b>LAT/LONG:</b> 46.3166 / 120.0200</p>	<p><b>CLIENT:</b> Blue Mountain Env. Cons. Inc.  <b>CONTACT:</b> Peter Trabuslner  <b>INQUIRY #:</b> 1776958.1s  <b>DATE:</b> October 17, 2006 4:48 pm</p>
---	--

# DETAIL MAP - 1776958.1s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites

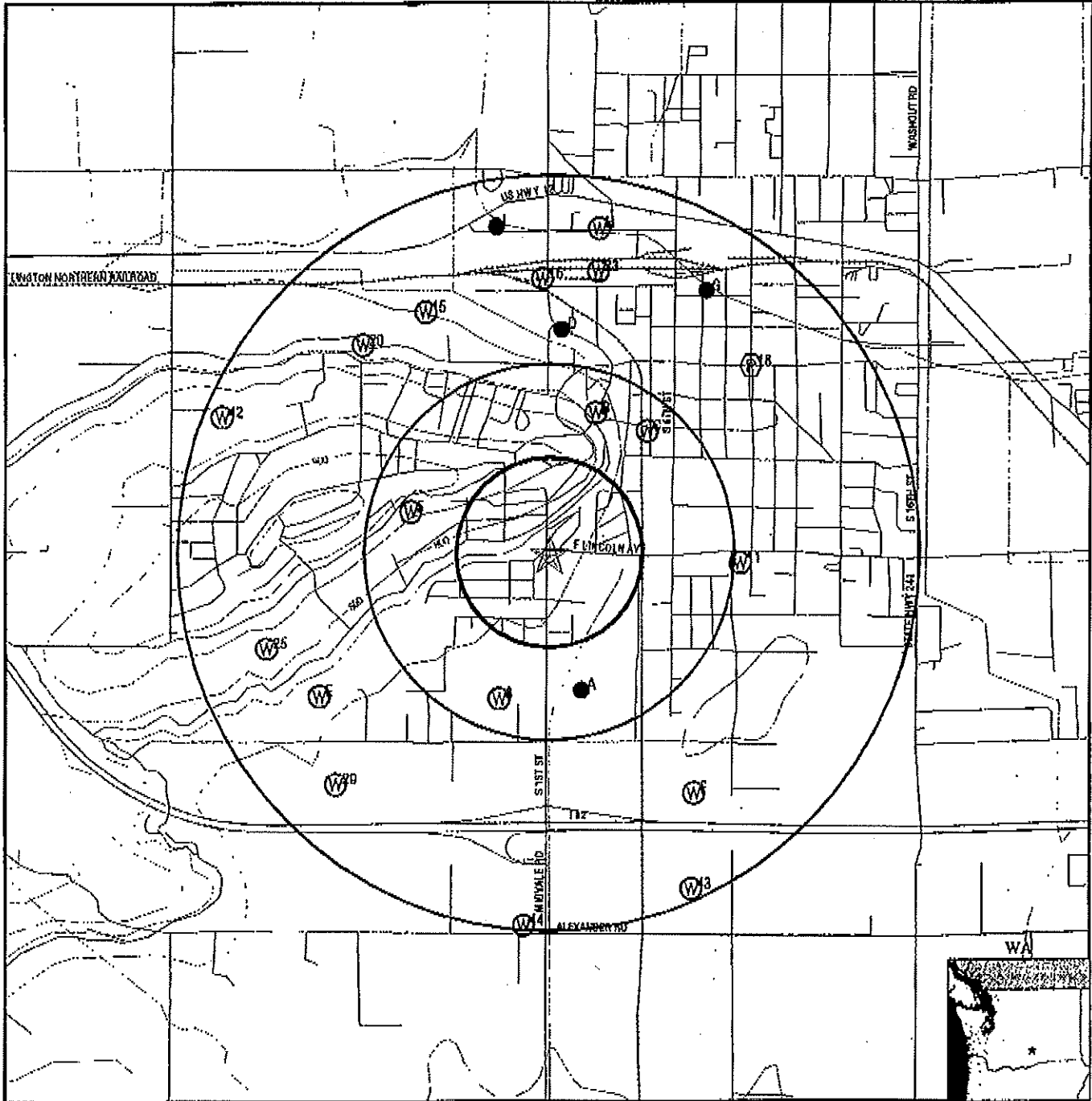
- Indian Reservations BIA
- ▲ Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone



<p><b>SITE NAME:</b> Apex Winery  <b>ADDRESS:</b> 111 E. Lincoln St.          Sunnyside WA 98944  <b>LAT/LONG:</b> 46.3166 / 120.0200</p>	<p><b>CLIENT:</b> Blue Mountain Env. Cons. Inc.  <b>CONTACT:</b> Peter Trabusiner  <b>INQUIRY #:</b> 1776958.1s  <b>DATE:</b> October 17, 2006 4:48 pm</p>
---	--



# PHYSICAL SETTING SOURCE MAP - 1776958.1s



- ↘ County Boundary
- ↘ Major Roads
- Contour Lines
- ⊙ Earthquake epicenter, Richter 5 or greater
- ⊙ Water Wells
- ⊙ Public Water Supply Wells
- Cluster of Multiple Icons

- ↑ Groundwater Flow Direction
- ⊙ Indeterminate Groundwater Flow at Location
- ⊙ Groundwater Flow Varies at Location
- ⊙ Closest Hydrogeological Data

SITE NAME: Apex Winery  
 ADDRESS: 111 E. Lincoln St.  
 Sunnyside WA 98944  
 LAT/LONG: 46.3166 / 120.0200

CLIENT: Blue Mountain Env. Cons. Inc.  
 CONTACT: Peter Trabusiner  
 INQUIRY #: 1776958.1s  
 DATE: October 17, 2006 4:48 pm



**EDR®** Environmental  
Data Resources Inc

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

**Apex Winery  
111 E. Lincoln St.  
Sunnyside, WA 98944**

**Inquiry Number: 1776958.1s**

**October 17, 2006**

## **The Standard in Environmental Risk Management Information**

**440 Wheelers Farms Road  
Milford, Connecticut 06461**

### **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 was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

111 E. LINCOLN ST.  
SUNNYSIDE, WA 98944

#### COORDINATES

Latitude (North): 46.316600 - 46° 18' 59.8"  
Longitude (West): 120.020000 - 120° 1' 12.0"  
Universal Transverse Mercator: Zone 10  
UTM X (Meters): 729431.0  
UTM Y (Meters): 5133323.5  
Elevation: 767 ft. above sea level.

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 46120-C1 SUNNYSIDE, WA  
Most Recent Revision: 1978

East Map: 46119-C8 GRANDVIEW, WA  
Most Recent Revision: 1978

### TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 6 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
CARNATION COMPANY 111 E LINCOLN AVE SUNNYSIDE, WA 98944	UST	N/A
WA HILLS CELLARS APEX CELLARS 111 E LINCOLN AVE SUNNYSIDE, WA 98944	NPDES	N/A
APEX CELLARS WA HILLS CELLARS 111 E LINCOLN AVE SUNNYSIDE, WA 98944	FINDS	110015468199

## EXECUTIVE SUMMARY

### 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 search radius around the target property for the following databases:

#### FEDERAL RECORDS

NPL.....	National Priority List
Proposed NPL.....	Proposed National Priority List Sites
Delisted NPL.....	National Priority List Deletions
NPL RECOVERY.....	Federal Superfund Liens
CERCLIS.....	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP.....	CERCLIS No Further Remedial Action Planned
CORRACTS.....	Corrective Action Report
RCRA-TSDF.....	Resource Conservation and Recovery Act Information
RCRA-LQG.....	Resource Conservation and Recovery Act Information
ERNS.....	Emergency Response Notification System
HMIRS.....	Hazardous Materials Information Reporting System
US ENG CONTROLS.....	Engineering Controls Sites List
US INST CONTROL.....	Sites with Institutional Controls
DOD.....	Department of Defense Sites
FUDS.....	Formerly Used Defense Sites
US BROWNFIELDS.....	A Listing of Brownfields Sites
CONSENT.....	Superfund (CERCLA) Consent Decrees
ROD.....	Records Of Decision
UMTRA.....	Uranium Mill Tailings Sites
ODI.....	Open Dump Inventory
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
MINES.....	Mines Master Index File
RAATS.....	RCRA Administrative Action Tracking System

#### STATE AND LOCAL RECORDS

HSL.....	Hazardous Sites List
SWW/F/L.....	Solid Waste Facility Database
SWTIRE.....	Solid Waste Tire Facilities
AST.....	Aboveground Storage Tank Locations
WA MANIFEST.....	Hazardous Waste Manifest Data
SPILLS.....	Reported Spills
INST CONTROL.....	Institutional Control Site List
VCP.....	Voluntary Cleanup Program Sites
DRYCLEANERS.....	Drycleaner List
BROWNFIELDS.....	Brownfields Sites Listing
CDL.....	Clandestine Drug Lab Contaminated Site List
EMI.....	Washington Emissions Data System

**EXECUTIVE SUMMARY**

Inactive Drycleaners..... Inactive Drycleaners

**TRIBAL RECORDS**

**INDIAN RESERV.**..... Indian Reservations  
**INDIAN LUST.**..... Leaking Underground Storage Tanks on Indian Land  
**INDIAN UST.**..... Underground Storage Tanks on Indian Land

**EDR PROPRIETARY RECORDS**

Manufactured Gas Plants... EDR Proprietary Manufactured Gas Plants

**SURROUNDING SITES: SEARCH RESULTS**

Surrounding sites were identified.

Elevations have been determined from the USGS 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. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

**FEDERAL RECORDS**

**RCRAInfo:** RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act ( RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database 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). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/13/2006 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b><i>EMERALD PETROLEUM SERVICES E L</i></b>	<b><i>511 E LINCOLN</i></b>	<b><i>1/8 - 1/4E</i></b>	<b><i>C8</i></b>	<b><i>17</i></b>

## EXECUTIVE SUMMARY

### STATE AND LOCAL RECORDS

**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, and dated 08/17/2006 has revealed that there are 16 CSCSL sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>JACKPOT FOOD MART 088</b>	<b>1121 S 16TH ST</b>	<b>1/2 - 1 E</b>	<b>32</b>	<b>53</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>VALLEY VIEW GAS MART 088</b>	<b>107 W LINCOLN AVE</b>	<b>0 - 1/8 WSW B5</b>		<b>14</b>
<b>SUNNYSIDE VALLEY IRRIG DIST US</b>	<b>1433 S 4TH ST</b>	<b>1/4 - 1/2SE D12</b>		<b>19</b>
<b>UNOCAL BULK PLANT 0766</b>	<b>511 LINCOLN AVE</b>	<b>1/4 - 1/2E</b>	<b>13</b>	<b>21</b>
<b>SUN KING FRUIT COMPANY</b>	<b>325 E SOUTH HILL RD</b>	<b>1/2 - 1 SSE</b>	<b>20</b>	<b>26</b>
<b>UNION PACIFIC RAILROAD SUNNYSI</b>	<b>S 5TH AVE &amp; EDISON</b>	<b>1/2 - 1 NNE</b>	<b>21</b>	<b>28</b>
<b>BOBS AUTO CLINIC</b>	<b>1006 LINCOLN</b>	<b>1/2 - 1 E</b>	<b>22</b>	<b>30</b>
<b>JOHNNYS TEXACO</b>	<b>636 E EDISON AVE</b>	<b>1/2 - 1 NE</b>	<b>23</b>	<b>31</b>
<b>CASCADE NATURAL GAS</b>	<b>512 DECATUR AVE.</b>	<b>1/2 - 1 NNE</b>	<b>24</b>	<b>35</b>
<b>VALLEY DRY CLEANERS</b>	<b>422 S 6TH ST</b>	<b>1/2 - 1 NNE</b>	<b>25</b>	<b>39</b>
<b>BEE JAY SCALES</b>	<b>116 N 1ST</b>	<b>1/2 - 1 N</b>	<b>26</b>	<b>41</b>
<b>LA ROSITA BAKERY</b>	<b>200 N 1ST ST</b>	<b>1/2 - 1 N</b>	<b>27</b>	<b>43</b>
<b>HICKENBOTTOM SONS INC</b>	<b>301 WAREHOUSE AVE</b>	<b>1/2 - 1 N</b>	<b>28</b>	<b>44</b>
<b>FRY BUILDING</b>	<b>111 N 6TH ST</b>	<b>1/2 - 1 NNE</b>	<b>29</b>	<b>47</b>
<b>CIRCLE I</b>	<b>809 YAKIMA VALLEY HWY</b>	<b>1/2 - 1 N</b>	<b>30</b>	<b>49</b>
<b>JERRYS STEEL SUPPLY INC</b>	<b>232 N 6TH ST</b>	<b>1/2 - 1 NNE</b>	<b>31</b>	<b>51</b>

**CSCSL NFA:** 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.

A review of the CSCSL NFA list, as provided by EDR, and dated 08/17/2006 has revealed that there is 1 CSCSL NFA site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>INDEPENDENT FOOD PROCESSORS CO</b>	<b>1525 S 4TH ST</b>	<b>1/4 - 1/2SE</b>	<b>17</b>	<b>25</b>

**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 09/07/2006 has revealed that there are 4 LUST sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>VALLEY VIEW GAS MART 088</b>	<b>107 W LINCOLN</b>	<b>0 - 1/8 WSW B4</b>		<b>7</b>



<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SUNNYSIDE VALLEY IRRIGATION DI	1433 SO 4TH STREET	1/4 - 1/2 SE	D10	18
SUNNY MART	603 E LINCOLN	1/4 - 1/2 E	E14	23
BARGAIN HUT	515 HARRISON	1/4 - 1/2 NE	18	26

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

A review of the UST list, as provided by EDR, and dated 06/08/2008 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
VALLEY VIEW GAS MART 068	107 W LINCOLN	0 - 1/8 WSW B4		7
BLEYHL FARM SERVICE, INC.	301 E LINCOLN ST	0 - 1/8 E	6	15

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

A review of the ICR list, as provided by EDR, and dated 12/01/2002 has revealed that there are 7 ICR 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>
UNOCAL #0766	511 W. LINCOLN	1/4 - 1/2 WSW 9		18
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
VALLEY VIEW GAS MART 068	107 W LINCOLN	0 - 1/8 WSW B4		7
UNOCAL #0766	S. 4TH ST. / LINCOLN	1/8 - 1/4 E	C7	16
SUNNYSIDE VALLEY IRRIGATION	1433 S. 4TH ST.	1/4 - 1/2 SE	D11	19
SUNNYMART TEXACO SERVICE STATI	603 E. LINCOLN	1/4 - 1/2 E	E15	24
SUNNYSIDE NURSING HOME FACILIT	1313 S. 6TH ST.	1/4 - 1/2 ESE	16	24
UNNAMED SITE	515 HARRISON AVE.	1/4 - 1/2 NE	19	26

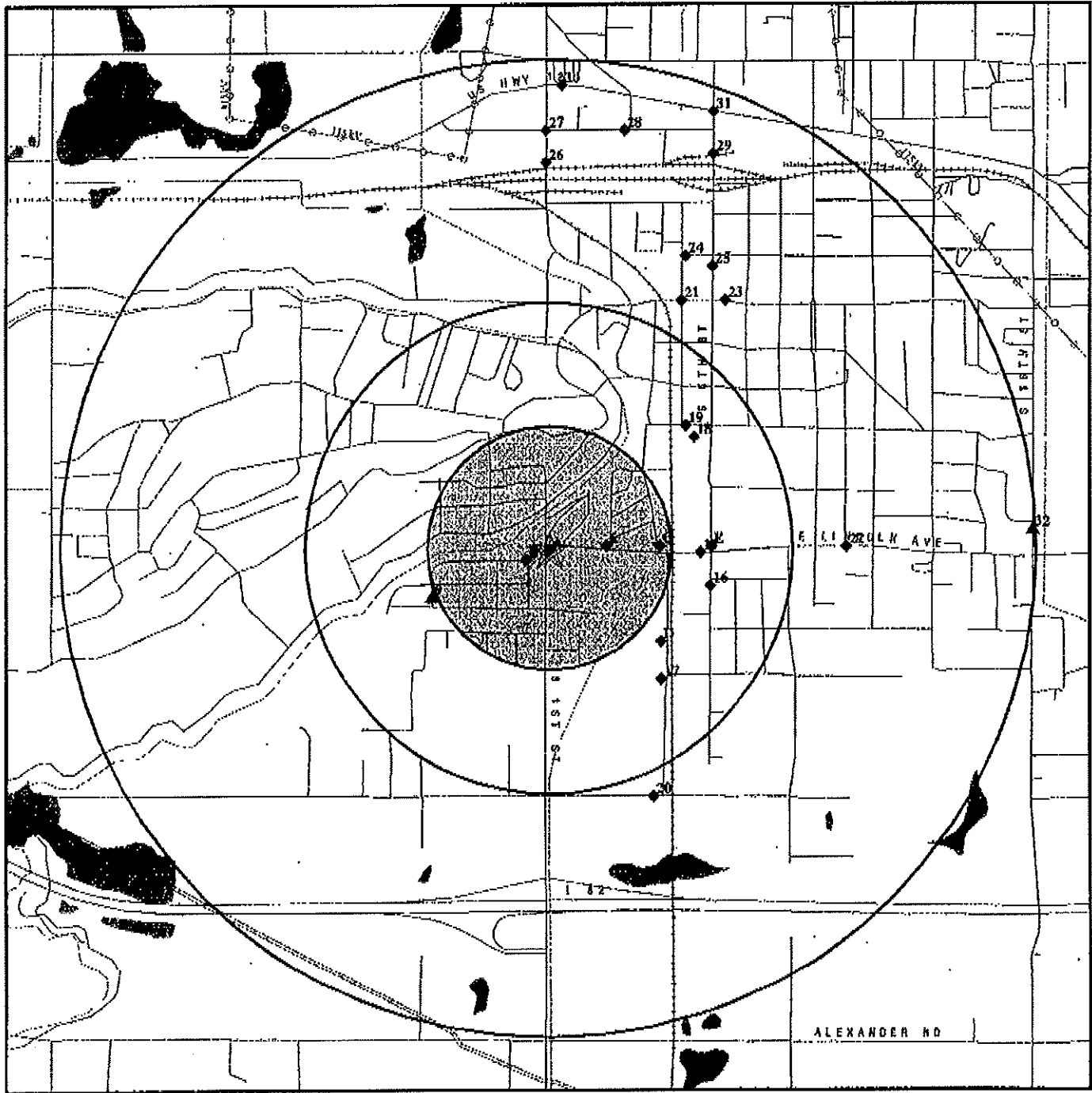


**EXECUTIVE SUMMARY**

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

<u>Site Name</u>	<u>Database(s)</u>
BURLINGTON NORTHERN RAIL TERMINAL	CSCSL, FINDS
MANHOLE 34	CSCSL
NW PIPELINE ST SUNNYSIDE	CSCSL
SNIPES MOUNTAIN LANDFILL	CSCSL, FINDS
PET HEALTH CLINIC	CSCSL, FINDS
EMERALD RANCHES FORMER POST DIPPING SITE	CSCSL
BARGAIN HUT	CSCSL, FINDS
SUNNYSIDE MUNICIPAL WELL	CSCSL
ROYAL DRY CLEANERS	CERC-NFRAP
US DOE BPA MIDWAY SUBSTATION	RCRA-SQG, FINDS, CORRACTS, CERC-NFRAP
CIRCLE L	LUST
VAN DE GRAAF RANCHES, INC.	UST
ROBERT L PHILIPP DBA PHILIPP PETROLEUM	UST
CIRCLE L	UST
LA ROSITA BAKERY	UST
SUNNYSIDE LAND GROUP	UST
SUNNYSIDE TEXACO RH BOWLES CO INC	UST
EMERALD ACRES	UST
SILVER DOLLAR CAFE	UST
COUNTRY FOODS USA	UST
RAINIER PATHOLOGY LAB	UST
VALLEY TRUCK REPAIR INC	UST
LA ROSITA YAKIMA VALLEY HWY	RCRA-SQG, FINDS, WA MANIFEST
CIRCLE L	RCRA-SQG, FINDS FINDS, BROWNFIELDS

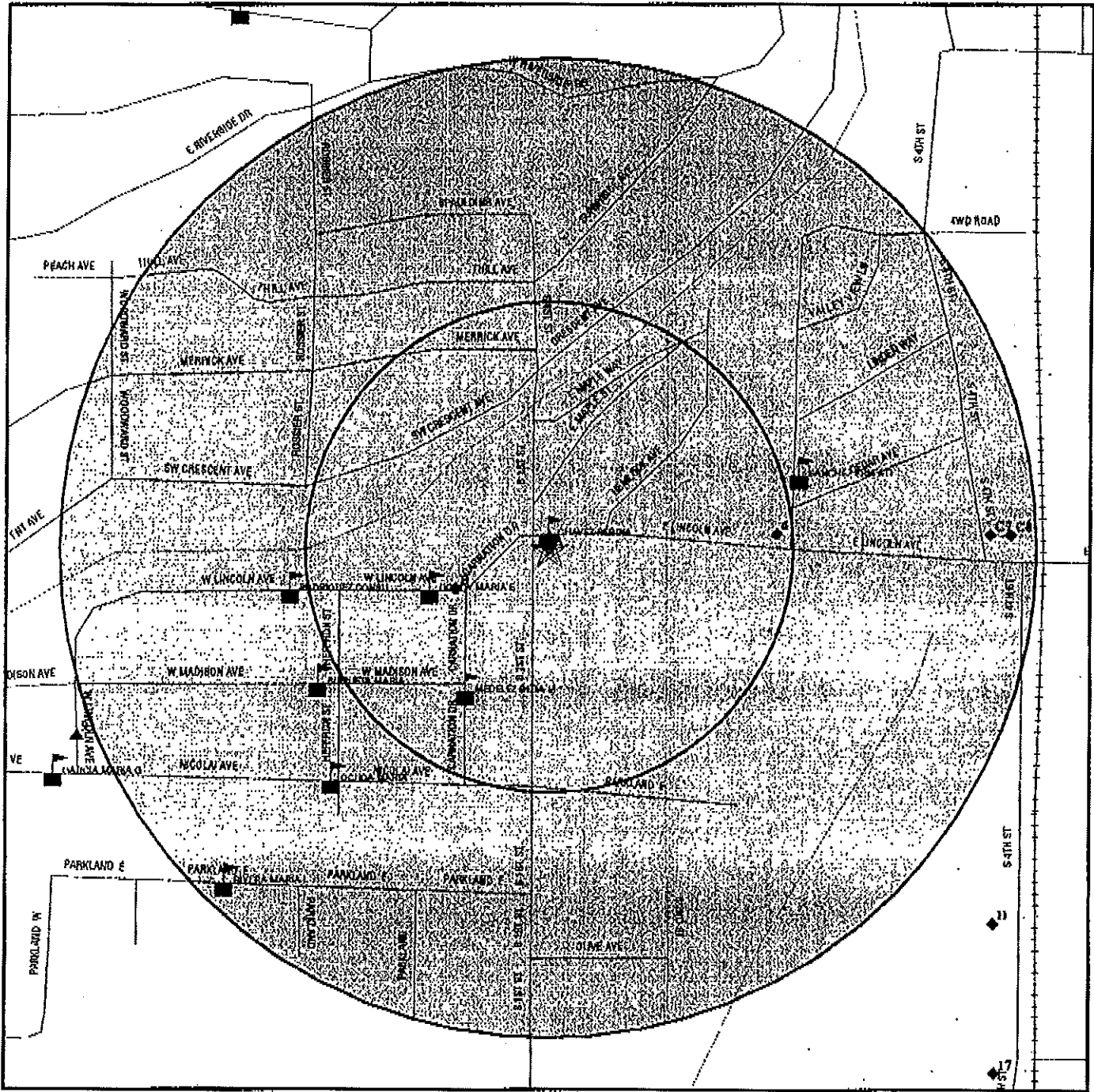
# OVERVIEW MAP - 1776958.1s



- \* Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- ▨ National Priority List Sites
- ▩ Landfill Sites
- ▧ Dept. Defense Sites
- ▤ Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▩ 500-year flood zone
- National Wetland Inventory

<b>SITE NAME:</b> Apex Winery <b>ADDRESS:</b> 111 E. Lincoln St. Sunnyside WA 98944 <b>LAT/LONG:</b> 46.3166 / 120.0200	<b>CLIENT:</b> Blue Mountain Env. Cons. Inc. <b>CONTACT:</b> Peter Trabulser <b>INQUIRY #:</b> 1776958.1s <b>DATE:</b> October 17, 2006 4:48 pm
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# DETAIL MAP - 1776958.1s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- ▲ Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- ▲ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone

<b>SITE NAME:</b> Apex Winery <b>ADDRESS:</b> 111 E. Lincoln St Sunnyside WA 98944 <b>LAT/LONG:</b> 46.3186 / 120.0200	<b>CLIENT:</b> Blue Mountain Env. Cons. Inc. <b>CONTACT:</b> Peter Trabulsner <b>INQUIRY #:</b> 1776958.1s <b>DATE:</b> October 17, 2006 4:48 pm
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## 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 RECORDS</u></b>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL RECOVERY		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.		0.250	0	1	NR	NR	NR	1
ERNS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	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
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
<b><u>STATE AND LOCAL RECORDS</u></b>								
CSCSL		1.000	1	0	2	13	NR	16
HSL		1.000	0	0	0	0	NR	0
CSCSL NFA		0.500	0	0	1	NR	NR	1
State Landfill		0.500	0	0	0	NR	NR	0
SWTIRE		0.500	0	0	0	NR	NR	0
LUST		0.500	1	0	3	NR	NR	4
UST	X	0.250	2	0	NR	NR	NR	2
AST		0.250	0	0	NR	NR	NR	0
MANIFEST		0.250	0	0	NR	NR	NR	0
SPILLS		TP	NR	NR	NR	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
ICR		0.500	1	1	5	NR	NR	7
DRYCLEANERS		0.250	0	0	NR	NR	NR	0

## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
BROWNFIELDS		0.500	0	0	0	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
NPDES	X	TP	NR	NR	NR	NR	NR	0
WA Emissions		TP	NR	NR	NR	NR	NR	0
Inactive Drycleaners		0.250	0	0	NR	NR	NR	0
<b><u>TRIBAL RECORDS</u></b>								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
<b><u>EDR PROPRIETARY RECORDS</u></b>								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

**NOTES:**

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



Site

Database(s)

EDR ID Number  
EPA ID Number

A1 CARNATION COMPANY  
Target 111 E LINCOLN AVE  
Property SUNNYSIDE, WA 98944

UST U001777770  
N/A

Site 1 of 3 in cluster A

Actual:  
766 ft.

UST:

Facility ID: 46552166  
Site ID: 5903  
Status: Closure In Process  
Tank Name: 2  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Not reported  
Ecology Region: CE  
Tank ID: 20483  
Compartment ID: 20762  
Decimal Latitude: 46.31680000000001  
Decimal Longitude: -120.01976000000001

Facility ID: 46552166  
Site ID: 5903  
Status: Closure In Process  
Tank Name: 1  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Leaded Gasoline  
Ecology Region: CE  
Tank ID: 20525  
Compartment ID: 20826  
Decimal Latitude: 46.31680000000001  
Decimal Longitude: -120.01976000000001

A2 WA HILLS CELLARS APEX CELLARS  
Target 111 E LINCOLN AVE  
Property SUNNYSIDE, WA 98944

NPDES 8107662069  
N/A

Site 2 of 3 in cluster A

Actual:  
766 ft.

NPDES:

Facility ID: 3015  
Facility Addr 2: Not reported  
Facility Type: I - Industry  
Region or Group ID: CR  
Employee ID: JHAY461  
Facility Size: P - State or POTW  
Latitude Degrees: 46  
Latitude Minutes: 19  
Latitude Seconds: 1  
Longitude Degrees: 120  
Longitude Minutes: 1  
Longitude Seconds: 7  
Legislative District: 15  
Basin Code: 43  
Facility Description: WINERY  
Location Description: POTW  
Contact Name: BRIAN CARTER  
Contact Phone Number: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site



Database(s)  
EDR ID Number  
EPA ID Number

**WA HILLS CELLARS APEX CELLARS (Continued)**

8107862089

Permit ID: ST0009118D  
Regulatory Program Code: ST - State Program  
Type of General Permit: 000  
Permit Number: 9118  
Permit Issue Date: Not reported  
Sequence of Permit Code: D  
Permit Expiration Date: Not reported  
Effective Permit Date: Not reported  
Ecology Employee ID: GTEB461  
Devl Empl ID: RIMA461  
Permit Application Number: 2133.3  
Permit Status Code: A - Active  
Status Assigned Date: Not reported

A3  
Target  
Property

**APEX CELLARS WA HILLS CELLARS  
111 E LINCOLN AVE  
SUNNYSIDE, WA 98944**

FINDS 1007070212  
110015466109

Actual:  
766 ft.

Site 3 of 3 in cluster A

FINDS:

Other Pertinent Environmental Activity Identified at Site

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site Identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the department's Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

B4  
WSW  
< 1/8  
275 ft.

**VALLEY VIEW GAS MART 068  
107 W LINCOLN  
SUNNYSIDE, WA 98944**

LUST U003026847  
UST N/A  
ICR

Relative:  
Lower

Site 1 of 2 in cluster B

LUST:

Actual:  
766 ft.

FS ID: 24231643  
Facility ID: 4108  
Release ID: 422556  
Alternate Name: TIME OIL PROPERTY 01-068  
Release Notification Date: 7/8/1997 00:00:00  
Release Status Date: 8/4/1997 00:00:00  
Facility Status: Monitoring  
Affected Media: Ground Water  
Site Response Unit Code: CE  
Lat/Long: 46.316409999999998 / -120.0205

FS ID: 24231643  
Facility ID: 4108  
Release ID: 422556  
Alternate Name: TIME OIL PROPERTY 01-068  
Release Notification Date: 7/8/1997 00:00:00  
Release Status Date: 8/4/1997 00:00:00

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site



Database(s) EDR ID Number  
EPA ID Number

**VALLEY VIEW GAS MART 068 (Continued)**

**U003026847**

Facility Status: Monitoring  
Affected Media: Soil  
Site Response Unit Code: CE  
Lat/Long: 46.316409999999998 / -120.0205

**UST:**

Facility ID: 24231643  
Site ID: 4108  
Status: **Removed**  
Tank Name: 316  
Install Date: 10/1/1972 00:00:00  
Capacity: 10,000 to 19,999 Gallons  
Compartment #: 1  
Substance: Unleaded Gasoline  
Ecology Region: CE  
Tank ID: 27579  
Compartment ID: 27951  
Decimal Latitude: 46.316409999999998  
Decimal Longitude: -120.0205

Facility ID: 24231643  
Site ID: 4108  
Status: **Removed**  
Tank Name: 5  
Install Date: 10/1/1972 00:00:00  
Capacity: 5,000 to 9,999 Gallons  
Compartment #: 1  
Substance: Unleaded Gasoline  
Ecology Region: CE  
Tank ID: 29998  
Compartment ID: 30420  
Decimal Latitude: 46.316409999999998  
Decimal Longitude: -120.0205

**ICR:**

Date Ecology Received Report: 08/04/1997  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 95-05  
County Code: 39.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 07/08/1997  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 95-05  
County Code: 39.00000  
Contact: Not reported  
Report Title: Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site



Database(s) EDR ID Number  
EPA ID Number

VALLEY VIEW GAS MART 068 (Continued)

U003026847

Date Ecology Received Report: 09/08/1997  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 95-07  
County Code: 39.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: / /  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 95-10  
County Code: 39.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: / /  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 95-12  
County Code: 39.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: / /  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Soil  
Waste Management: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 95-13  
County Code: 39.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 01/02/1998  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 95-15  
County Code: 39.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 01/02/1998  
Contaminants Found at Site: Petroleum products

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site



Database(s) EDR ID Number  
EPA ID Number

**VALLEY VIEW GAS MART 068 (Continued)**

**U003026847**

Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 95-16  
County Code: 39.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 01/20/1998  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 95-17  
County Code: 39.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 02/11/1998  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 95-18  
County Code: 39.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 03/02/1998  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 98-01  
County Code: 39.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 02/23/1998  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 98-01  
County Code: 39.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 03/26/1998  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site



Database(s) EDR ID Number  
EPA ID Number

**VALLEY VIEW GAS MART 068 (Continued)**

**U003026847**

Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 98-02  
County Code: 39.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 03/13/1998  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 98-02  
County Code: 39.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 04/13/1998  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 98-03  
County Code: 39.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 10/09/2000  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 98-29  
County Code: 39.00000  
Contact: Not reported  
Report Title: July 2000 Ground Water Monitoring Report

Date Ecology Received Report: 10/02/2000  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 98-29  
County Code: 39.00000  
Contact: Not reported  
Report Title: Ground Water Monitoring Event - May 2000

Date Ecology Received Report: 11/01/2000  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site



Database(s) EDR ID Number  
EPA ID Number

**VALLEY VIEW GAS MART 058 (Continued)**

**U003026847**

Site Register Issue: 98-30  
County Code: 39.00000  
Contact: Not reported  
Report Title: Installation Report - Bioremediation System Construction

Date Ecology Received Report: 11/01/2000  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 98-30  
County Code: 39.00000  
Contact: Not reported  
Report Title: Operation & Maintenance Report - July, August & September 2000

Date Ecology Received Report: 11/01/2000  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 98-30  
County Code: 39.00000  
Contact: Not reported  
Report Title: Monitoring & Recovery Well Installation Report

Date Ecology Received Report: 12/10/1999  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: Central  
Type of Report Ecology Received: Not reported  
Site Register Issue: 98-21  
County Code: 39.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 01/11/2001  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 98-32  
County Code: 39.00000  
Contact: Not reported  
Report Title: October 2000 Ground Water Monitoring Report

Date Ecology Received Report: 03/15/2001  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 98-34  
County Code: 39.00000

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site



Database(s)

EDR ID Number  
EPA ID Number

**VALLEY VIEW GAS MART 088 (Continued)**

U003026847

Contact:	Not reported
Report Title:	Ground Water Monitoring Event - January 2001
Date Ecology Received Report:	03/15/2001
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	Central
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-34
County Code:	39.00000
Contact:	Not reported
Report Title:	Operation and Maintenance Report
Date Ecology Received Report:	11/05/2001
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	Central
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-42
County Code:	39.00000
Contact:	Not reported
Report Title:	April 2001 Ground Water Monitoring
Date Ecology Received Report:	11/09/2001
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	Central
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-42
County Code:	39.00000
Contact:	Not reported
Report Title:	July 2001 Ground Water Monitoring and Remediation System
Date Ecology Received Report:	05/20/2002
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	Central
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-49
County Code:	39.00000
Contact:	Not reported
Report Title:	Ground Water Monitoring/Operations & Maintenance Report January 2002
Date Ecology Received Report:	07/18/2002
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	Central
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-50
County Code:	39.00000
Contact:	Not reported
Report Title:	Ground Water Monitoring/Operation & Maintenance

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation



**VALLEY VIEW GAS MART 068**  
**107 W LINCOLN AVE**  
**SUNNYSIDE, WA 98944**

Database(s) EDR ID Number  
 EPA ID Number

**B5**  
**WSW**  
**< 1/8**  
**275 ft.**

**CSCSL 1007073946**  
**FINDS 110015505826**

Site 2 of 2 in cluster B

Relative:  
 Lower

CSCSL:

Actual:  
 766 ft.

Facility ID: 24231643  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 48.31641000  
 Longitude: -120.02050000  
 Lat/Long: 48.31641000 / -120.02050000  
 Lat/Long (dms): 48 18 59.0000 / 120 1 13.0000  
 Media ID: 1  
 Media Type Desc: Groundwater  
 Media Status Desc: Confirmed  
 Affected Media: 12472  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Central Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant metals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Not reported

Facility ID: 24231643  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 48.31641000  
 Longitude: -120.02050000  
 Lat/Long: 48.31641000 / -120.02050000  
 Lat/Long (dms): 48 18 59.0000 / 120 1 13.0000  
 Media ID: 4  
 Media Type Desc: Soil  
 Media Status Desc: Confirmed  
 Affected Media: 12471  
 Affected Media Status: C

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site



Database(s) EDR ID Number  
 EPA ID Number

**VALLEY VIEW GAS MART 068 (Continued)**

1007073948

Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Central Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant metals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (Independent cleanup): Not reported

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site Identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

6  
 East  
 < 1/8  
 618 ft.

**BLEYHL FARM SERVICE, INC.**  
 301 E LINCOLN ST  
 SUNNYSIDE, WA 98944

UST U003132482  
 N/A

Relative:  
 Lower  
 Actual:  
 745 ft.

UST:  
 Facility ID: 22832147  
 Site ID: 100540  
 Status: Operational  
 Tank Name: 1  
 Install Date: 1/1/1987 00:00:00  
 Capacity: 10,000 to 19,999 Gallons  
 Compartment #: 1  
 Substance: Diesel  
 Ecology Region: CE  
 Tank ID: 32938  
 Compartment ID: 33418

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site



Database(s) EDR ID Number  
EPA ID Number

**BLEYHL FARM SERVICE, INC. (Continued)**

U003132492

Decimal Latitude: 46.316572999999998  
Decimal Longitude: -120.017703999999999

Facility ID: 22832147  
Site ID: 100540  
Status: Operational  
Tank Name: 2  
Install Date: 1/1/1984 00:00:00  
Capacity: 10,000 to 19,999 Gallons  
Compartment #: 1  
Substance: Alcohol Blend Gasoline  
Ecology Region: CE  
Tank ID: 32762  
Compartment ID: 33238  
Decimal Latitude: 46.316572999999998  
Decimal Longitude: -120.017703999999999

Facility ID: 22832147  
Site ID: 100540  
Status: Operational  
Tank Name: 3  
Install Date: 1/1/1987 00:00:00  
Capacity: 5,000 to 9,999 Gallons  
Compartment #: 1  
Substance: Unleaded Gasoline  
Ecology Region: CE  
Tank ID: 32869  
Compartment ID: 33347  
Decimal Latitude: 46.316572999999998  
Decimal Longitude: -120.017703999999999

Facility ID: 22832147  
Site ID: 100540  
Status: Operational  
Tank Name: 4  
Install Date: 1/1/1987 00:00:00  
Capacity: 5,000 to 9,999 Gallons  
Compartment #: 1  
Substance: Alcohol Blend Gasoline  
Ecology Region: CE  
Tank ID: 32795  
Compartment ID: 33271  
Decimal Latitude: 46.316572999999998  
Decimal Longitude: -120.017703999999999

C7  
East  
1/8-1/4  
1195 ft.

UNOCAL #0766  
S. 4TH ST. / LINCOLN AVE.  
SUNNYSIDE, WA 98944

ICR 8105454506  
N/A

Relative:  
Lower

Site 1 of 2 in cluster C

Actual:  
735 ft.

ICR:  
Date Ecology Received Report: 10/07/1993  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater  
Waste Management: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site



Database(s) EDR ID Number  
 EPA ID Number

**UNOCAL #0765 (Continued)**

**\$105454505**

Site Register Issue: 93-16  
 County Code: 39.00000  
 Contact: Not reported  
 Report Title: Not reported

Date Ecology Received Report: 05/16/1994  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Groundwater, Soil  
 Waste Management: Tank  
 Region: Central  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 93-30  
 County Code: 39.00000  
 Contact: Not reported  
 Report Title: Not reported

Date Ecology Received Report: 04/20/1993  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Groundwater, Soil  
 Waste Management: Tank  
 Region: Central  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 93-01  
 County Code: 39.00000  
 Contact: Not reported  
 Report Title: Not reported

**C8**  
**East**  
**1/8-1/4**  
**1250 ft.**

**EMERALD PETROLEUM SERVICES E LINCOLN**  
**511 E LINCOLN**  
**SUNNYSIDE, WA 98944**

**RCRA-SQG 1005445382**  
**FINDS WAH000016535**

**Relative:**  
**Lower**

Site 2 of 2 in cluster C

**Actual:**  
**735 ft.**

**RCRAInfo:**  
 Owner: APPLE VALLEY FUEL CO INC  
 (509)248-0760  
 EPA ID: WAH000016535  
 Contact: Not reported  
 Classification: Small Quantity Generator  
 TSDF Activities: Not reported  
 Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation



**EMERALD PETROLEUM SERVICES E LINCOLN (Continued)**

Database(s)  
EDR ID Number  
EPA ID Number

1005445382

currently, or has been, of interest to the departments Air Quality, Dam Safety,  
Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

9  
WSW  
1/4-1/2  
1367 ft.

**UNOCAL #0766**  
**511 W. LINCOLN**  
**SUNNYSIDE, WA 98944**

ICR 8104487853  
N/A

Relative:  
Higher

**ICR:**

Actual:  
768 ft.

Date Ecology Received Report: 08/28/1990  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Soil  
Waste Management: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 90-18  
County Code: 39.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 10/07/1991  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater  
Waste Management: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 92-10  
County Code: 39.00000  
Contact: Not reported  
Report Title: Not reported

D10  
SE  
1/4-1/2  
1570 ft.

**SUNNYSIDE VALLEY IRRIGATION DISTRICT-SHOP**  
**1433 SO 4TH STREET**  
**SUNNYSIDE, WA 98944**

LUST U003294852  
LUST N/A

Relative:  
Lower

**Site 1 of 3 in cluster D**

**LUST:**

Actual:  
734 ft.

FS ID: 68124437  
Facility ID: 431303  
Release ID: 431312  
Alternate Name: Not reported  
Release Notification Date: 12/2/1997 00:00:00  
Release Status Date: 12/2/1997 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Soil  
Site Response Unit Code: CE  
Lat/Long: 46.313580000000003 / -120.01505

FS ID: 68124437  
Facility ID: 431303  
Release ID: 431312  
Alternate Name: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site



Database(s) EDR ID Number  
EPA ID Number

**SUNNYSIDE VALLEY IRRIGATION DISTRICT-SHOP (Continued)**

U003294852

Release Notification Date: 12/2/1997 00:00:00  
Release Status Date: 12/2/1997 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Ground Water  
Site Response Unit Code: CE  
Lat/Long: 46.313560000000003 / -120.01505

**UST:**

Facility ID: 66124437  
Site ID: 431303  
Status: Removed  
Tank Name: 1  
Instal Date: 1/1/1982 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Leaded Gasoline  
Ecology Region: CE  
Tank ID: 431306  
Compartment ID: 431307  
Decimal Latitude: 46.313560000000003  
Decimal Longitude: -120.01505

D11  
SE  
1/4-1/2  
1570 ft.

**SUNNYSIDE VALLEY IRRIGATION**  
1433 S, 4TH ST.  
SUNNYSIDE, WA 98944

ICR S103503820  
N/A

Site 2 of 3 in cluster D

Relative:  
Lower

Actual:  
734 ft.

ICR:  
Date Ecology Received Report: 02/19/1998  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 98-01  
County Code: 39.00000  
Contact: Not reported  
Report Title: Not reported

D12  
SE  
1/4-1/2  
1570 ft.

**SUNNYSIDE VALLEY IRRIG DIST UST 431303**  
1433 S 4TH ST  
SUNNYSIDE, WA 98944

CSCSL 1007067058  
FINDS 110015436474

Site 3 of 3 in cluster D

Relative:  
Lower

Actual:  
734 ft.

CSCSL:  
Facility ID: 66124437  
warm\_bin\_n: Not reported  
Prog plan code: Not reported  
Latitude: 46.31358000  
Longitude: -120.01505000  
Lat/Long: 46.31358000 / -120.01505000  
Lat/Long (dms): 46 18 48.0000 / 120 0 54.0000  
Media ID: 1  
Media Type Desc: Groundwater

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site



Database(s) EDR ID Number  
EPA ID Number

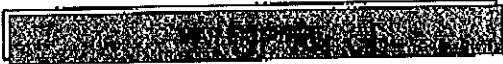
**SUNNYSIDE VALLEY IRRIG DIST UST 431303 (Continued)**

1007067058

Media Status Desc: Confirmed  
Affected Media: 12535  
Affected Media Status: C  
Pesticides: Not reported  
Petroleum Products: Confirmed above MTCA cleanup levels  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Central Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported  
Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant metals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tributyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
Independent Site Status (independent cleanup): Not reported

Facility ID: 66124437  
warm\_bin\_n: Not reported  
Prog plan code: Not reported  
Latitude: 46.31356000  
Longitude: -120.01505000  
Lat/Long: 46.31356000 / -120.01505000  
Lat/Long (dms): 46 18 48.0000 / 120 0 54.0000  
Media ID: 4  
Media Type Desc: Soil  
Media Status Desc: Confirmed  
Affected Media: 12535  
Affected Media Status: C  
Pesticides: Not reported  
Petroleum Products: Confirmed above MTCA cleanup levels  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Central Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported  
Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site



Database(s) EDR ID Number  
 EPA ID Number

**SUNNYSIDE VALLEY IRRIG DIST UST 431303 (Continued)**

1007067058

Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant metals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
 Independent Site Status (independent cleanup): Not reported

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site Identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

13 UNOCAL BULK PLANT 0768  
 East 511 LINCOLN AVE  
 1/4-1/2 SUNNYSIDE, WA 98944  
 1641 ft.

CSCSL S101428537  
 N/A

Relative: CSCSL:  
 Lower Facility ID: 539  
 warm\_bin\_n: 1  
 Actual: Prog plan code: Not reported  
 737 ft. Latitude: 46.31626000  
 Longitude: -120.01438000  
 Lat/Long: 46.31626000 / -120.01438000  
 Lat/Long (dms): 46 18 58.0000 / 120 0 51.0000  
 Media ID: 1  
 Media Type Desc: Groundwater  
 Media Status Desc: Confirmed  
 Affected Media: 938  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Central Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site



Database(s) EDR ID Number  
EPA ID Number

UNOCAL BULK PLANT 0766 (Continued)

S101429537

Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant metals: Not reported  
Polychlorinated biphenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tributyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Remedial Action in progress  
Independent Site Status (independent cleanup): Not reported

Facility ID: 539  
warm\_bin\_n: 1  
Prog plan code: Not reported  
Latitude: 46.31626000  
Longitude: -120.01438000  
Lat/Long: 46.31626000 / -120.01438000  
Lat/Long (dms): 46 18 58.0000 / 120 0 51.0000  
Media ID: 4  
Media Type Desc: Soil  
Media Status Desc: Confirmed  
Affected Media: 939  
Affected Media Status: C  
Pesticides: Not reported  
Petroleum Products: Confirmed above MTCA cleanup levels  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Central Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported

Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant metals: Not reported  
Polychlorinated biphenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tributyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Remedial Action in progress  
Independent Site Status (independent cleanup): Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation



Site

Database(s)

EDR ID Number  
EPA ID Number

E14  
East  
1/4-1/2  
1759 ft.

SUNNY MART  
603 E LINCOLN  
SUNNYSIDE, WA 98944

LUST U000594647  
UST N/A

Relative:  
Lower

Site 1 of 2 in cluster E

Actual:  
737 ft.

LUST:  
FS ID: 79183649  
Facility ID: 10550  
Release ID: 4816  
Alternate Name: Not reported  
Release Notification Date: 5/22/1993 00:00:00  
Release Status Date: 3/5/2002 00:00:00  
Facility Status: Reported Cleaned Up  
Affected Media: Soil  
Site Response Unit Code: CE  
Lat/Long: 46.316339999999997 / -120.01248

FS ID: 79183649  
Facility ID: 10550  
Release ID: 4816  
Alternate Name: Not reported  
Release Notification Date: 5/22/1993 00:00:00  
Release Status Date: 7/22/1996 00:00:00  
Facility Status: Unknown  
Affected Media: Soil  
Site Response Unit Code: CE  
Lat/Long: 46.316339999999997 / -120.01248

UST:

Facility ID: 79183649  
Site ID: 10550  
Status: Removed  
Tank Name: REGULAR  
Install Date: 1/1/1973 00:00:00  
Capacity: 1,101 to 2,000 Gallons  
Compartment #: 1  
Substance: Leaded Gasoline  
Ecology Region: CE  
Tank ID: 22829  
Compartment ID: 23149  
Decimal Latitude: 46.316339999999997  
Decimal Longitude: -120.01248

Facility ID: 79183649  
Site ID: 10550  
Status: Removed  
Tank Name: UNLEADED  
Install Date: 1/1/1973 00:00:00  
Capacity: 1,101 to 2,000 Gallons  
Compartment #: 1  
Substance: Unleaded Gasoline  
Ecology Region: CE  
Tank ID: 42471  
Compartment ID: 43088  
Decimal Latitude: 46.316339999999997  
Decimal Longitude: -120.01248

Facility ID: 79183649

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site



Database(s)  
EDR ID Number  
EPA ID Number

**SUNNY MART (Continued)**

U000594647

Site ID: 10550  
Status: Removed  
Tank Name: DIESEL  
Install Date: 1/1/1973 00:00:00  
Capacity: 1,101 to 2,000 Gallons  
Compartment #: 1  
Substance: Unleaded Gasoline  
Ecology Region: CE  
Tank ID: 8033  
Compartment ID: 8172  
Decimal Latitude: 46.316339999999997  
Decimal Longitude: -120.01248

E15  
East  
1/4-1/2  
1759 ft.

**SUNNYMART TEXACO SERVICE STATION**

603 E. LINCOLN  
SUNNYSIDE, WA 98944

ICR 8104487655  
N/A

Site 2 of 2 In cluster E

Relative:  
Lower

Actual:  
737 ft.

ICR:  
Date Ecology Received Report: 05/22/1993  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Soil  
Waste Management: Tank  
Region: Central  
Type of Report Ecology Received: Final cleanup report  
Site Register Issue: 93-03  
County Code: 39.00000  
Contact: Not reported  
Report Title: Not reported

16  
ESE  
1/4-1/2  
1780 ft.

**SUNNYSIDE NURSING HOME FACILITY**

1313 S. 6TH ST.  
SUNNYSIDE, WA 98944

ICR 8104488178  
N/A

Relative:  
Lower

Actual:  
738 ft.

ICR:  
Date Ecology Received Report: 02/01/1996  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 94-20  
County Code: 39.00000  
Contact: Not reported  
Report Title: Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site



Database(s) EDR ID Number  
EPA ID Number

17 INDEPENDENT FOOD PROCESSORS CO  
SE 1525 S 4TH ST  
1/4-1/2 SUNNYSIDE, WA 98944  
1861 ft.

CSCSL NFA U001123412  
NPDES N/A

Relative:  
Lower

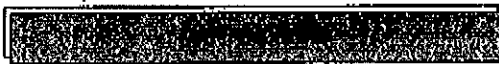
CSCSL NFA:  
Facility/Site Id: 518  
Ecology Status: Awaiting Site Hazard Assessment  
Program Plan Code: Not reported  
Independent Status Code: Not reported  
WARM Bin Number: Not reported  
NFA Code: NFA after Assessment IRAP or VCP  
NFA Date: 12/30/1994 00:00:00  
Latitude: 46.31677  
Longitude: -120.01528

Actual:  
733 ft.

NPDES:

Facility ID: 6385  
Facility Addr 2: Not reported  
Facility Type: L  
Region or Group ID: NW  
Employee ID: DORT461  
Facility Size: L - General Permits/Facilities Classified by EPA as Major or Minor, based on facility complexity or size  
Latitude Degrees: 48  
Latitude Minutes: 16  
Latitude Seconds: 37  
Longitude Degrees: 121  
Longitude Minutes: 48  
Longitude Seconds: 24  
Legislative District: 39  
Basin Code: 51  
Facility Description: SAND AND GRAVEL  
Location Description: Not reported  
Contact Name: CHRIS JOHNSON  
Contact Phone Number: 2067685907  
Permit ID: WAG503369A  
Regulatory Program Code: WA - NPDES Federal Program  
Type of General Permit: G50  
Permit Number: 3389  
Permit Issue Date: Not reported  
Sequence of Permit Code: A  
Permit Expiration Date: Not reported  
Effective Permit Date: Not reported  
Ecology Employee ID: DPPE461  
Devl Empl ID: JKIL461  
Permit Application Number: 54018.1  
Permit Status Code: A - Active  
Status Assigned Date: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation



Site

Database(s)

EDR ID Number  
EPA ID Number

18  
NE  
1/4-1/2  
1985 ft.

**BARGAIN HUT**  
**515 HARRISON**  
**SUNNYSIDE, WA 98944**

LUST S100759902  
N/A

Relative:  
Lower

LUST:  
FS ID: 74141318  
Facility ID: 200789  
Release ID: 4913  
Alternate Name: Not reported  
Release Notification Date: 4/24/1993 00:00:00  
Release Status Date: 7/23/1996 00:00:00  
Facility Status: Awaiting Cleanup  
Affected Media: Soil  
Site Response Unit Code: CE  
Lat/Long: 46.3200599999999988 / -120.0133

Actual:  
741 ft.

19  
NE  
1/4-1/2  
1994 ft.

**UNNAMED SITE**  
**515 HARRISON AVE.**  
**SUNNYSIDE, WA 98944**

ICR S103510396  
N/A

Relative:  
Lower

ICR:  
Date Ecology Received Report: 04/24/1993  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Soil  
Waste Management: Spill, Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 93-03  
County Code: 38.00000  
Contact: Not reported  
Report Title: Not reported

Actual:  
741 ft.

20  
SSE  
1/2-1  
2891 ft.

**SUN KING FRUIT COMPANY**  
**325 E SOUTH HILL RD**  
**SUNNYSIDE, WA 98944**

CSCSL 1007073765  
FINDS 110015503418

Relative:  
Lower

CSCSL:  
Facility ID: 25559438  
warm\_bin\_n: Not reported  
Prog plan code: Not reported  
Latitude: 46.30921000  
Longitude: -120.01537000  
Lat/Long: 46.30921000 / -120.01537000  
Lat/Long (dms): 46 18 33.0000 / 120 0 55.0000  
Media ID: 1  
Media Type Desc: Groundwater  
Media Status Desc: Confirmed  
Affected Media: 12491  
Affected Media Status: C  
Pesticides: Not reported  
Petroleum Products: Confirmed above MTCA cleanup levels  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported

Actual:  
728 ft.

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site



Database(s) EDR ID Number  
EPA ID Number

**SUN KING FRUIT COMPANY (Continued)**

1007073705

Asbestos: Not reported  
Responsible Unit: Central Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported  
Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant metals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tributyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
Independent Site Status (independent cleanup): Not reported

Facility ID: 25559438  
warm\_bin\_n: Not reported  
Prog plan code: Not reported  
Latitude: 46.30921000  
Longitude: -120.01537000  
Lat/Long: 46.30921000 / -120.01537000  
Lat/Long (dms): 46 18 33.0000 / 120 0 55.0000  
Media ID: 4  
Media Type Desc: Soil  
Media Status Desc: Confirmed  
Affected Media: 12492  
Affected Media Status: C  
Pesticides: Not reported  
Petroleum Products: Confirmed above MTCA cleanup levels  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Central Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported  
Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant metals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tributyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site



Database(s) EDR ID Number  
 EPA ID Number

**SUN KING FRUIT COMPANY (Continued)**

1007073705

Wood Debris Contaminant Group: Not reported  
 Other Deteterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Not reported

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

21  
 NNE  
 1/2-1  
 3030 ft.

**UNION PACIFIC RAILROAD SUNNYSIDE**  
**8 5TH AVE & EDISON**  
**SUNNYSIDE, WA 98944**

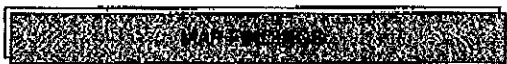
CSCSL 1007072305  
 FINDS 110015489292  
 VCP

Relative:  
 Lower

Actual:  
 745 ft.

CSCSL:  
 Facility ID: 34459147  
 warn\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 46.32369000  
 Longitude: -120.01471000  
 Lat/Long: 46.32369000 / -120.01471000  
 Lat/Long (dms): 46 19 25.0000 / 120 0 52.0000  
 Media ID: 1  
 Media Type Desc: Groundwater  
 Media Status Desc: Confirmed  
 Affected Media: 11714  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Central Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant metals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site



Database(s) EDR ID Number  
EPA ID Number

**UNION PACIFIC RAILROAD SUNNYSIDE (Continued)**

1007072305

Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
Independent Site Status (Independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 34459147  
warm\_bin\_n: Not reported  
Prog plan code: 4  
Latitude: 46.32369000  
Longitude: -120.01471000  
Lat/Long: 46.32369000 / -120.01471000  
Lat/Long (dms): 46 19 25.0000 / 120 0 52.0000  
Media ID: 4  
Media Type Desc: Soil  
Media Status Desc: Confirmed  
Affected Media: 11713  
Affected Media Status: C  
Pesticides: Not reported  
Petroleum Products: Confirmed above MTCA cleanup levels  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Central Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported  
Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant metals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tributyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
Independent Site Status (Independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site Identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site



Database(s) EDR ID Number  
 EPA ID Number

**UNION PACIFIC RAILROAD SUNNYSIDE (Continued)**

1007072305

**VCP:**

Facility ID: 34459147  
 Ecology Status: Independent Remedial Action  
 WARM BIN #: Not reported  
 NFA Code: Not reported  
 Program Plan: 4

Facility ID: 34459147  
 Ecology Status: Independent Remedial Action  
 WARM BIN #: Not reported  
 NFA Code: Not reported  
 Program Plan: 4

22 **BOBS AUTO CLINIC**  
 East 1008 LINCOLN  
 1/2-1 SUNNYSIDE, WA 98944  
 3223 ft.

CSCSL 1007072174  
 FINDS 110015487902

Relative:  
 Lower

Actual:  
 738 ft.

**CSCSL:**

Facility ID: 35166989  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 46.31669000  
 Longitude: -120.00727000  
 Lat/Long: 46.31669000 / -120.00727000  
 Lat/Long (dms): 46 19 0.0000 / 120 0 26.0000  
 Media ID: 4  
 Media Type Desc: Soil  
 Media Status Desc: Confirmed  
 Affected Media: 12528  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Central Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant metals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation



**BOBS AUTO CLINIC (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

1007072174

Independent Site Status (Independent cleanup): Not reported

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site Identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

23  
 NE  
 1/2-1  
 3284 ft.

**JOHNNYS TEXACO**  
 636 E EDISON AVE  
 SUNNYSIDE, WA 98944

RCRA-SQG 1004794355  
 CSCSL WAD988508776  
 FINDS  
 WA MANIFEST

Relative:  
 Lower

**RCRAInfo:**

Owner: JOHNNY'S SERVICE  
 (509)837-3551

Actual:  
 746 ft.

EPA ID: WAD988508776

Contact: Not reported

Classification: Conditionally Exempt Small Quantity Generator  
 TSDF Activities: Not reported

Violation Status: No violations found

**CSCSL:**

Facility ID: 468  
 warn\_bin\_n: 4  
 Prog plan code: 2  
 Latitude: 46.32394000  
 Longitude: -120.01182000  
 Lat/Long: 46.32394000 / -120.01182000  
 Lat/Long (dms): 46 19 28.0000 / 120 0 42.0000  
 Media ID: 1  
 Media Type Desc: Groundwater  
 Media Status Desc: Confirmed  
 Affected Media: 783  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Central Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site



Database(s) EDR ID Number  
EPA ID Number

**JOHNNYS TEXACO (Continued)**

1004794355

Halogenated Organic Compounds: C  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant metals: Not reported  
Polychlorinated biPhenyl (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Remedial Action in progress  
Independent Site Status (independent cleanup): Not reported

Facility ID: 468  
warm\_bin\_n: 4  
Prog plan code: 2  
Latitude: 46.32394000  
Longitude: -120.01182000  
Lat/Long: 46.32394000 / -120.01182000  
Lat/Long (dms): 46 19 26.0000 / 120 0 42.0000

Media ID: 4  
Media Type Desc: Soil  
Media Status Desc: Confirmed  
Affected Media: 784  
Affected Media Status: C

Pesticides: Not reported  
Petroleum Products: Confirmed above MTCA cleanup levels  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Central Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported

Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant metals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Remedial Action in progress  
Independent Site Status (independent cleanup): Not reported

Facility ID: 468  
warm\_bin\_n: 4  
Prog plan code: 2



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site



Database(s) EDR ID Number  
EPA ID Number

**JOHNNYS TEXACO (Continued)**

1004794355

Latitude: 46.32394000  
Longitude: -120.01182000  
Lat/Long: 46.32394000 / -120.01182000  
Lat/Long (dms): 46 19 28.0000 / 120 0 42.0000  
Media ID: 6  
Media Type Desc: Drinking Water  
Media Status Desc: Suspected  
Affected Media: 785  
Affected 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  
Pesticides: Not reported  
Petroleum Products: Suspected to be present  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Central Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported  
Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: S  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant metals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tributyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MCA cleanup process): Remedial Action In progress  
Independent Site Status (independent cleanup): Not reported

**FINDS:**

**Other Pertinent Environmental Activity Identified at Site**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site



Database(s) EOR ID Number  
EPA ID Number

JOHNNYS TEXACO (Continued)

1004784355

WA MANIFEST:

Facility Site ID Number: 468  
Permit by Rule: False  
Treatment by Generator: False  
Mixed radioactive waste: False  
Importer of hazardous waste: False  
Immediate recycler: False  
Treatment/Storage/Disposal/Recycling Facility: False  
Generator of dangerous fuel waste: False  
Generator marketing to burner: False  
"Other marketers (i.e., blender, distributor, etc.)": False  
Utility boiler burner: False  
Industry boiler burner: False  
Industrial Furnace: False  
Smelter deferral: False  
Universal waste - batteries - generate: True  
Universal waste - thermostats - generate: False  
Universal waste - mercury - generate: False  
Universal waste - lamps - generate: False  
Universal waste - batteries - accumulate: False  
Universal waste - thermostats - accumulate: False  
Universal waste - mercury - accumulate: False  
Universal waste - lamps - accumulate: False  
Destination Facility for Universal Waste: False  
Off-specification used oil burner - utility boiler: False  
Off-specification used oil burner - industrial boiler: False  
Off-specification used oil burner - industrial furnace: False  
EPA ID: WAD988508776  
Facility Address 2: Not reported  
TAX REG NBR: 600585040  
NAICS CD: 44711  
BUSINESS TYPE: Gasoline & Auto Repair  
MAIL NAME: Johnnys Service  
MAIL ADDR LINE1: 636 E EDISON AVE  
MAIL CITY,ST,ZIP: SUNNYSIDE, WA 98944-2202  
MAIL COUNTRY: UNITED STATES  
LEGAL ORG NAME: Johnny's Service  
LEGAL ORG TYPE: Private  
LEGAL ADDR LINE1: 636 E EDISON AVE  
LEGAL CITY,ST,ZIP: SUNNYSIDE, WA 98944-2202  
LEGAL COUNTRY: UNITED STATES  
LEGAL PHONE NBR: (509)837-3551  
LEGAL EFFECTIVE DATE: 01/01/85  
LAND ORG NAME: Not reported  
LAND ORG TYPE: Private  
LAND PERSON NAME: Gary Christenson  
LAND ADDR LINE1: PO Box 98  
LAND CITY,ST,ZIP: GRANDVIEW, WA 98930-0098  
LAND COUNTRY: UNITED STATES  
LAND PHONE NBR: (509)882-2115  
OPERATOR ORG NAME: Not reported  
OPERATOR ORG TYPE: Private  
OPERATOR ADDR LINE1: 636 E EDISON AVE  
OPERATOR CITY,ST,ZIP: SUNNYSIDE, WA 98944-2202  
OPERATOR COUNTRY: UNITED STATES  
OPERATOR PHONE NBR: (509)837-3551  
OPERATOR EFFECTIVE DATE: 01/01/85

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site



Database(s) EDR ID Number  
 EPA ID Number

**JOHNNYS TEXACO (Continued)**

1004794355

SITE CONTACT NAME: Timothy J Reihls  
 SITE CONTACT ADDR LINE1: 636 E EDISON AVE  
 SITE CONTACT ZIP: SUNNYSIDE, WA 98944-2202  
 SITE CONTACT COUNTRY: UNITED STATES  
 SITE CONTACT PHONE NBR: (609)837-3551  
 SITE CONTACT EMAIL: Not reported  
 FORM CONTACT NAME: Timothy J Reihls  
 FORM CONTACT ADDR LINE1: 636 E EDISON AVE  
 FORM CONTACT CITY,ST,ZIP: SUNNYSIDE, WA 98944-2202  
 FORM CONTACT COUNTRY: UNITED STATES  
 FORM CONTACT PHONE NBR: (509)837-3551  
 FORM CONTACT EMAIL: Not reported  
 GEN STATUS CD: SQG  
 MONTHLY GENERATION: False  
 BATCH GENERATION: True  
 ONE TIME GENERATION: False  
 TRANSPORTS OWN WASTE: False  
 TRANSPORTS OTHRS WASTE: False  
 RECYCLER ONSITE: False  
 TRANSFER FACILITY: False  
 OTHER EXEMPTION: Not reported  
 UW BATTERY GEN: False  
 USED OIL TRANSPORTER: False  
 USED OIL TRANSFER FACLTY: False  
 USED OIL PROCESSOR: False  
 USED OIL REREFINER: False  
 USED OIL FUEL MRKTR DIRECTS SHPMNTS: False  
 USED OIL FUEL MRKTR MEETS SPECS: False

24  
 NNE  
 1/2-1  
 3474 ft.

**CASCADE NATURAL GAS**  
 512 DECATUR AVE.  
 SUNNYSIDE, WA 98944

CSCSL U003027927  
 LUST N/A  
 ICR

Relative:  
 Lower

Actual:  
 746 ft.

CSCSL:  
 Facility ID: 492  
 warm\_bin\_n: 1  
 Prog plan code: 2  
 Latitude: 46.32523000  
 Longitude: -120.01413000  
 Lat/Long: 46.32523000 / -120.01413000  
 Lat/Long (dms): 46 19 30.0000 / 120 0 50.0000  
 Media ID: 1  
 Media Type Desc: Groundwater  
 Media Status Desc: Confirmed  
 Affected Media: 842  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Central Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site



Database(s) EDR ID Number  
EPA ID Number

CASCADE NATURAL GAS (Continued)

U003027927

Dioxin: Not reported  
Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant metals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Confirmed above MTCA cleanup levels  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Remedial Action Conducted, residual contamination left on site  
Independent Site Status (independent cleanup): Not reported

Facility ID: 492  
warn\_bin\_n: 1  
Prog plan code: 2  
Latitude: 48.32523000  
Longitude: -120.01413000  
Lat/Long: 46.32523000 / -120.01413000  
Lat/Long (dms): 46 19 30.0000 / 120 0 50.0000  
Media ID: 4  
Media Type Desc: Soil  
Media Status Desc: Confirmed  
Affected Media: 843  
Affected Media Status: C  
Pesticides: Not reported  
Petroleum Products: Confirmed above MTCA cleanup levels  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Central Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported

Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant metals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Confirmed above MTCA cleanup levels  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Remedial Action Conducted, residual contamination left on site  
Independent Site Status (independent cleanup): Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site



Database(s)  
EDR ID Number  
EPA ID Number

**CASCADE NATURAL GAS (Continued)**

U003027827

**LUST:**

FS ID: 492  
Facility ID: 6852  
Release ID: 3352  
Alternate Name: Not reported  
Release Notification Date: 9/18/1990 00:00:00  
Release Status Date: 7/26/1996 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Soil  
Site Response Unit Code: CE  
Lat/Long: 46.325229999999998 / -120.014129999999999

FS ID: 492  
Facility ID: 6852  
Release ID: 3352  
Alternate Name: Not reported  
Release Notification Date: 9/18/1990 00:00:00  
Release Status Date: 7/26/1996 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Ground Water  
Site Response Unit Code: CE  
Lat/Long: 46.325229999999998 / -120.014129999999999

**ICR:**

Date Ecology Received Report: 03/13/2000  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Not reported  
Waste Management: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 98-24  
County Code: 39.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 01/31/2000  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Not reported  
Waste Management: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 98-25  
County Code: 39.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 03/12/1991  
Contaminants Found at Site: Halogenated organic compounds, Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: Central  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 91-24  
County Code: 39.00000  
Contact: Not reported  
Report Title: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site



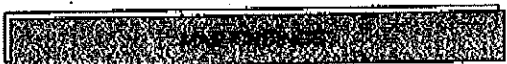
Database(s) EDR ID Number  
EPA ID Number

**CASCADE NATURAL GAS (Continued)**

U003027927

Date Ecology Received Report:	08/30/2000
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Not reported
Waste Management:	Tank
Region:	Central
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-28
County Code:	39.00000
Contact:	Not reported
Report Title:	May/June 2000 Ground Water Sampling
Date Ecology Received Report:	05/30/2001
Contaminants Found at Site:	Not reported
Media Contaminated:	Not reported
Waste Management:	Tank
Region:	Central
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-37
County Code:	39.00000
Contact:	Not reported
Report Title:	Cascade Natural Gas Quarterly 2001 Q1 Report
Date Ecology Received Report:	06/12/2001
Contaminants Found at Site:	Not reported
Media Contaminated:	Not reported
Waste Management:	Tank
Region:	Central
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-37
County Code:	39.00000
Contact:	Not reported
Report Title:	Results from Additional Investigation
Date Ecology Received Report:	07/24/2001
Contaminants Found at Site:	Not reported
Media Contaminated:	Not reported
Waste Management:	Tank
Region:	Central
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-38
County Code:	39.00000
Contact:	Not reported
Report Title:	June 2001 Ground Water Sampling
Date Ecology Received Report:	05/13/2002
Contaminants Found at Site:	Not reported
Media Contaminated:	Not reported
Waste Management:	Tank
Region:	Central
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-48
County Code:	39.00000
Contact:	Not reported
Report Title:	Results of March 2002 Ground Water Sampling
Date Ecology Received Report:	05/07/2002
Contaminants Found at Site:	Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site



Database(s) EDR ID Number  
 EPA ID Number

**CASCADE NATURAL GAS (Continued)**

U003027927

Media Contaminated: Not reported  
 Waste Management: Tank  
 Region: Central  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 98-48  
 County Code: 39.00000  
 Contact: Not reported  
 Report Title: Results of December 2001 Ground Water Sampling

Date Ecology Received Report: 06/12/2002  
 Contaminants Found at Site: Not reported  
 Media Contaminated: Not reported  
 Waste Management: Tank  
 Region: Central  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 98-49  
 County Code: 39.00000  
 Contact: Not reported  
 Report Title: September 2001 Ground Water Sampling

Date Ecology Received Report: 11/04/2002  
 Contaminants Found at Site: Not reported  
 Media Contaminated: Not reported  
 Waste Management: Tank  
 Region: Central  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 98-54  
 County Code: 39.00000  
 Contact: Not reported  
 Report Title: September 2002 Ground Water Sampling

25  
 NNE  
 1/2-1  
 3516 ft.

**VALLEY DRY CLEANERS**  
 422 S 6TH ST  
 SUNNYSIDE, WA 98944

CSCSL 1007081145  
 FINDS 110016578739  
 BROWNFIELDS

Relative:  
 Lower

Actual:  
 746 ft.

CSCSL:  
 Facility ID: 499  
 warm\_bin\_n: 2  
 Prog plan code: Not reported  
 Latitude: 46.32407000  
 Longitude: -120.01291000  
 Lat/Long: 46.32407000 / -120.01291000  
 Lat/Long (dms): 46 19 28.0000 / 120 0 46.0000  
 Media ID: 1  
 Media Type Desc: Groundwater  
 Media Status Desc: Confirmed  
 Affected Media: 855  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Central Region  
 Arsenic Code: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site



Database(s) EDR ID Number  
EPA ID Number

**VALLEY DRY CLEANERS (Continued)**

1007081145

MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported  
Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: C  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant metals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tributyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)  
Independent Site Status (independent cleanup): Not reported

Facility ID: 499  
warm\_bin\_n: 2  
Prog plan code: Not reported  
Latitude: 46.32407000  
Longitude: -120.01291000  
Lat/Long: 46.32407000 / -120.01291000  
Lat/Long (dms): 46 19 26.0000 / 120 0 46.0000  
Media ID: 4  
Media Type Desc: Soil  
Media Status Desc: Confirmed  
Affected Media: 856  
Affected Media Status: C  
Pesticides: Not reported  
Petroleum Products: Not reported  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Central Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported

Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: C  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant metals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tributyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site



Database(s)  
EDR ID Number  
EPA ID Number

**VALLEY DRY CLEANERS (Continued)**

1007091145

Independent Site Status (independent cleanup): Not reported

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site Identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

**BROWNFIELDS:**

Facility ID: 499  
Site Stat Code: 2

Facility ID: 499  
Site Stat Code: 2

26  
North  
1/2-1  
4139 ft.

**BEE JAY SCALES**  
116 N 1ST  
SUNNYSIDE, WA 98944

CSCSL U000595397  
N/A

Relative:  
Lower

**CSCSL:**

Facility ID: 604  
warm\_bin\_n: 1  
Prog plan code: Not reported  
Latitude: 46.32794000  
Longitude: -120.01987000  
Lat/Long: 46.32794000 / -120.01987000  
Lat/Long (dms): 46 19 49.0000 / 120 1 11.0000  
Media ID: 4  
Media Type Desc: Soil  
Media Status Desc: Confirmed  
Affected Media: 870  
Affected Media Status: C  
Pesticides: Confirmed above MTCA cleanup levels  
Petroleum Products: Not reported  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Central Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported  
Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: C  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant metals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported

Actual:  
747 ft.

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site



Database(s) EDR ID Number  
EPA ID Number

**BEE JAY SCALES (Continued)**

11000595397

Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Remedial Action in progress  
Independent Site Status (Independent cleanup): Not reported

Facility ID: 504  
warm\_bin\_n: 1  
Prog plan code: Not reported  
Latitude: 46.32794000  
Longitude: -120.01987000  
Lat/Long: 46.32794000 / -120.01987000  
Lat/Long (dms): 46 19 40.0000 / 120 1 11.0000  
Media ID: 1  
Media Type Desc: Groundwater  
Media Status Desc: Confirmed  
Affected Media: 871  
Affected Media Status: C  
Pesticides: Confirmed above MTCA cleanup levels  
Petroleum Products: Not reported  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Central Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported  
Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: C  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant metals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Remedial Action in progress  
Independent Site Status (Independent cleanup): Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site



Database(s) EDR ID Number  
 EPA ID Number

27 LA ROSITA BAKERY  
 North 200 N 1ST ST  
 1/2-1 SUNNYSIDE, WA 98844  
 4489 ft.

C6C6L 8100079123  
 N/A

Relative:  
 Lower

C6C6L:

Facility ID: 491  
 warm\_bin\_n: 2  
 Prog plan code: Not reported  
 Latitude: 46.32892000  
 Longitude: -120.01986000  
 Lat/Long: 46.32892000 / -120.01986000  
 Lat/Long (dms): 46 19 44.0000 / 120 1 11.0000  
 Media ID: 1  
 Media Type Desc: Groundwater  
 Media Status Desc: Confirmed  
 Affected Media: 840  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Central Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Confirmed above MTCA cleanup levels  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant metals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)  
 Independent Site Status (independent cleanup): Not reported

Actual:  
 750 ft.

Facility ID: 491  
 warm\_bin\_n: 2  
 Prog plan code: Not reported  
 Latitude: 46.32892000  
 Longitude: -120.01986000  
 Lat/Long: 46.32892000 / -120.01986000  
 Lat/Long (dms): 46 19 44.0000 / 120 1 11.0000  
 Media ID: 4  
 Media Type Desc: Soil  
 Media Status Desc: Confirmed  
 Affected Media: 841  
 Affected Media Status: C  
 Pesticides: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site



Database(s) EDR ID Number  
EPA ID Number

**LA ROSITA BAKERY (Continued)**

S100079123

Petroleum Products: Confirmed above MTCA cleanup levels  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Central Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported  
Non-Halogenated Solvents: Confirmed above MTCA cleanup levels  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant metals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tributyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)  
Independent Site Status (independent cleanup): Not reported

28  
North  
1/2-1  
4564 ft.

**HICKENBOTTOM SONS INC**  
301 WAREHOUSE AVE  
SUNNYSIDE, WA 98944

RCRA-SQG 1000658975  
C6CSL WAD988486361  
FINDS  
LUST  
UST

Relative:  
Lower

RCRAInfo:  
Owner: HICKENBOTTOM SONS INC  
EPA ID: WAD988486361  
Contact: JERRY HICKENBOTTOM  
(509) 837-4100

Actual:  
750 ft.

Classification: Small Quantity Generator  
TSD Activities: Not reported

Violation Status: No violations found

**C6CSL:**

Facility ID: 94128943  
warm\_bin\_n: Not reported  
Prog plan code: Not reported  
Latitude: 46.32849000  
Longitude: -120.01674000  
Lat/Long: 46.32849000 / -120.01674000  
Lat/Long (dms): 46 19 42.0000 / 120 1 0.0000  
Media ID: 4  
Media Type Desc: Soil  
Media Status Desc: Confirmed  
Affected Media: 8119  
Affected Media Status: C  
Pesticides: Confirmed above MTCA cleanup levels

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site



Database(s)  
 EDR ID Number  
 EPA ID Number

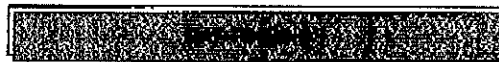
HICKENBOTTOM SONS INC (Continued)

1000658975

Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Central Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: C  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant metals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Remedial Action in progress  
 Independent Site Status (Independent cleanup): Not reported

Facility ID: 94128943  
 warn\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 46.32849000  
 Longitude: -120.01674000  
 Lat/Long: 46.32849000 / -120.01674000  
 Lat/Long (dms): 46 19 42.0000 / 120 1 0.0000  
 Media ID: 1  
 Media Type Desc: Groundwater  
 Media Status Desc: Confirmed  
 Affected Media: 8120  
 Affected Media Status: C  
 Pesticides: Confirmed above MTCA cleanup levels  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Central Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: C  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant metals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site



Database(s)  
EPA ID Number

EPA ID Number  
EPA ID Number

**HICKENBOTTOM SONS INC (Continued)**

1000658975

Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tributyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Remedial Action In progress  
Independent Site Status (independent cleanup): Not reported

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site Identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

**LUST:**

FS ID: 94128943  
Facility ID: 4315  
Release ID: 3419  
Alternate Name: Not reported  
Release Notification Date: 2/3/1992 00:00:00  
Release Status Date: 7/22/1998 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Ground Water  
Site Response Unit Code: CE  
Lat/Long: 48.328490000000002 / -120.01674

FS ID: 94128943  
Facility ID: 4315  
Release ID: 3419  
Alternate Name: Not reported  
Release Notification Date: 2/3/1992 00:00:00  
Release Status Date: 7/22/1998 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Soil  
Site Response Unit Code: CE  
Lat/Long: 48.328490000000002 / -120.01674

**UST:**

Facility ID: 94128943  
Site ID: 4315

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site



Database(s) EDR ID Number  
EPA ID Number

HICKENBOTTOM SONS INC (Continued)

100058975

Status: Removed  
Tank Name: 2  
Install Date: 12/31/1994 00:00:00  
Capacity: 111 TO 1,100 Gallons  
Compartment #: 1  
Substance: Leaded Gasoline  
Ecology Region: CE  
Tank ID: 17290  
Compartment ID: 17544  
Decimal Latitude: 46.328490000000002  
Decimal Longitude: -120.01674

Facility ID: 94128943  
Site ID: 4315  
Status: Removed  
Tank Name: 1  
Install Date: 12/31/1994 00:00:00  
Capacity: 10,000 to 19,999 Gallons  
Compartment #: 1  
Substance: Diesel  
Ecology Region: CE  
Tank ID: 17411  
Compartment ID: 17685  
Decimal Latitude: 46.328490000000002  
Decimal Longitude: -120.01674

29 FRY BUILDING  
NNE 111 N 6TH ST  
1/2-1 SUNNYSIDE, WA 98944  
4894 ft.

CSCSL S105152516  
N/A

Relative:  
Lower

Actual:  
750 ft.

CSCSL:  
Facility ID: 25977617  
warm\_bin\_n: 3  
Prog plan code: Not reported  
Latitude: 46.32373429  
Longitude: -120.00975753  
Lat/Long: 46.32373429 / -120.00975753  
Lat/Long (dms): 46 19 36.0000 / 120 D 46.0000  
Media ID: 1  
Media Type Desc: Groundwater  
Media Status Desc: Confirmed  
Affected Media: 8304  
Affected Media Status: C  
Pesticides: Not reported  
Petroleum Products: Confirmed above MTCA cleanup levels  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Central Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported  
Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site



Database(s) EDR ID Number  
EPA ID Number

**FRY BUILDING (Continued)**

**S105152516**

Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant metals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tributyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)  
Independent Site Status (independent cleanup): Not reported

Facility ID: 25977617  
warm\_bin\_n: 3  
Prog plan code: Not reported  
Latitude: 46.32373429  
Longitude: -120.00975753  
Lat/Long: 46.32373429 / -120.00975753  
Lat/Long (dms): 46 19 36.0000 / 120 0 46.0000  
Media ID: 4  
Media Type Desc: Soil  
Media Status Desc: Confirmed  
Affected Media: 8303  
Affected Media Status: C  
Pesticides: Not reported  
Petroleum Products: Confirmed above MTCA cleanup levels  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Central Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported

Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant metals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tributyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)  
Independent Site Status (independent cleanup): Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site



Database(s) EDR ID Number  
EPA ID Number

30  
North  
1/2-1  
4992 ft.

**CIRCLE L**  
809 YAKIMA VALLEY HWY  
SUNNYSIDE, WA 98944

**CSCSL** U001127754  
ICR N/A

Relative:  
Lower

**CSCSL:**

Facility ID: 528  
warm\_bin\_n: 1  
Prog plan code: Not reported  
Latitude: 46.32902000  
Longitude: -120.01025000  
Lat/Long: 46.32902000 / -120.01025000  
Lat/Long (dms): 46 19 44.0000 / 120 0 36.0000  
Media ID: 1  
Media Type Desc: Groundwater  
Media Status Desc: Suspected  
Affected Media: 913  
Affected 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

Actual:  
754 ft.

Pesticides: Not reported  
Petroleum Products: Suspected to be present  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Central Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported  
Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant metals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tributyl Tin Contaminant Group: Not reported  
Biosassay/Benthic Failurea Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)  
Independent Site Status (independent cleanup): Not reported

Facility ID: 528  
warm\_bin\_n: 1  
Prog plan code: Not reported  
Latitude: 46.32902000  
Longitude: -120.01025000  
Lat/Long: 46.32902000 / -120.01025000  
Lat/Long (dms): 46 19 44.0000 / 120 0 36.0000  
Media ID: 3  
Media Type Desc: Air  
Media Status Desc: Suspected  
Affected Media: 914

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site



Database(s) EDR ID Number  
EPA ID Number

CIRCLE L (Continued)

U001127754

Affected 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

Pesticides: Not reported  
Petroleum Products: Suspected to be present  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Central Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported

Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant metals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tributyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)  
Independent Site Status (independent cleanup): Not reported

Facility ID: 526  
warm\_bin\_n: 1  
Prog plan code: Not reported  
Latitude: 46.32902000  
Longitude: -120.01025000  
Lat/Long: 46.32902000 / -120.01025000  
Lat/Long (dms): 46 19 44.0000 / 120 0 36.0000  
Media ID: 4  
Media Type Desc: Soil  
Media Status Desc: Suspected  
Affected Media: 915

Affected 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

Pesticides: Not reported  
Petroleum Products: Suspected to be present  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Central Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site



Database(s) EDR ID Number  
 EPA ID Number

**CIRCLE L (Continued)**

U001127754

Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant metals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)  
 Independent Site Status (independent cleanup): Not reported

**ICR:**

Date Ecology Received Report: 09/28/1993  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Soil  
 Waste Management: Tank  
 Region: Central  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 94-31  
 County Code: 39.00000  
 Contact: Not reported  
 Report Title: Not reported

31  
 NNE  
 1/2-1  
 5027 ft.

**JERRYS STEEL SUPPLY INC**  
 232 N 6TH ST  
 SUNNYSIDE, WA 98944

CSCSL 1007074986  
 FINDS 110015516306

Relative:  
 Lower

**CSCSL:**

Facility ID: 17563135  
 warn\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 46.32930000  
 Longitude: -120.01331000  
 Lat/Long: 46.32930000 / -120.01331000  
 Lat/Long (dms): 46 19 45.0000 / 120 0 47.0000  
 Media ID: 4  
 Media Type Desc: Soil  
 Media Status Desc: Confirmed  
 Affected Media: 12503  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Central Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported

Actual:  
 752 ft.

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site



Database(s) EDR ID Number  
 EPA ID Number

**JERRYS STEEL SUPPLY INC (Continued)**

1007074988

Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant metals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Not reported

Facility ID: 17563135  
 warn\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 46.32930000  
 Longitude: -120.01331000  
 Lat/Long: 46.32930000 / -120.01331000  
 Lat/Long (dms): 46 19 46.0000 / 120 0 47.0000  
 Media ID: 1  
 Media Type Desc: Groundwater  
 Media Status Desc: Confirmed  
 Affected Media: 12502  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Central Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported

Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant metals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site



Database(s) EDR ID Number  
 EPA ID Number

**JERRYS STEEL SUPPLY INC (Continued)**

1007074986

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site Identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

32  
 East  
 1/2-1  
 5246 ft.

**JACKPOT FOOD MART 066**  
 1121 S 16TH ST  
 SUNNYSIDE, WA 98944

**CSCSL 1007071901**  
**FINDS 110015485205**  
**LUST**

Relative:  
 Equal

**CSCSL:**

Facility ID: 36729576  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 46.31689347  
 Longitude: -120.00041342  
 Lat/Long: 46.31689347 / -120.00041342  
 Lat/Long (dms): 46 19 0.8160 / 120 D 1.4880  
 Media ID: 4  
 Media Type Desc: Soil  
 Media Status Desc: Confirmed  
 Affected Media: 11036  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Central Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant metals: Confirmed above MTCA cleanup levels  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tertiary Tin Contaminant Group: Not reported  
 Biotassay/Benthic Fauna Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Remedial Action In progress  
 Independent Site Status (independent cleanup): Not reported

Actual:  
 767 ft.

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site



Database(s)  
EDR ID Number  
EPA ID Number

JACKPOT FOOD MART 086 (Continued)

1007071901

Facility ID: 36729576  
warm\_bin\_n: Not reported  
Prog plan code: Not reported  
Latitude: 46.31689347  
Longitude: -120.00041342  
Lat/Long: 46.31689347 / -120.00041342  
Lat/Long (dms): 46 19 0.8160 / 120 0 1.4880  
Media ID: 1  
Media Type Desc: Groundwater  
Media Status Desc: Confirmed  
Affected Media: 11035  
Affected Media Status: C  
Pesticides: Not reported  
Petroleum Products: Confirmed above MTCA cleanup levels  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Central Region  
Arsenic Code: Not reported  
MTBE Code: C  
UXO Code: Not reported  
Dioxin: Not reported  
Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant metals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tributyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Remedial Action in progress  
Independent Site Status (Independent cleanup): Not reported

FINDS:

Other Pertinent Environmental Activity Identified at Site

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site Identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

LUST:

FS ID: 36729576  
Facility ID: 4109  
Release ID: 691821

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation



Database(s)  
EDR ID Number  
EPA ID Number

**JACKPOT FOOD MART 066 (Continued)**

**1007071901**

Alternate Name: AJs Mini Mart  
Release Notification Date: 5/24/2004 00:00:00  
Release Status Date: 5/13/2004 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Ground Water  
Site Response Unit Code: CE  
Lat/Long: 46.316893465306023 / -120.0004134237616

FS ID: 36729676  
Facility ID: 4109  
Release ID: 591821  
Alternate Name: AJs Mini Mart  
Release Notification Date: 5/24/2004 00:00:00  
Release Status Date: 5/13/2004 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Soil  
Site Response Unit Code: CE  
Lat/Long: 46.316893465306023 / -120.0004134237616

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SUNNYSIDE	U001123024	VAN DE GRAAF RANCHES, INC.	RT 1 BOX 1378	98944	UST
SUNNYSIDE	S105757180	CIRCLE L	809 HWY 12	98944	UST
SUNNYSIDE	U003025948	ROBERT L PHILIPP DBA PHILIPP PETROLEUM	612 HWY 12 P O BOX 547 200 N. 1ST S	98944	UST
SUNNYSIDE	U004040358	CIRCLE L	888 HWY 12	98944	UST
SUNNYSIDE	U004040395	LA ROSITA BAKERY	200 N 1ST ST	98944	UST
SUNNYSIDE	U001123821	SUNNYSIDE LAND GROUP	RT 2 BOX 2626A HOLMASON RD	98944	UST
SUNNYSIDE	1000599853	VALLEY TRUCK REPAIR INC	601 HWY 241	98944	RCRA-SQG, FINDS, WA, MANIFEST
SUNNYSIDE	1007068049	BURLINGTON NORTHERN RAIL TERMINAL	MP 54 12TH SUB PORTLAND DIVISION	98944	CSCSL, FINDS
SUNNYSIDE	S105430900	MANHOLE 34	600-901 / 612 HWY 12	98944	CSCSL
SUNNYSIDE	S101190538	NY PIPELINE ST SUNNYSIDE	ALEXANDER RD	98944	CSCSL
SUNNYSIDE	U001125944	SUNNYSIDE TEXACO RH BOWLES CO INC	6TH AND HIGHWAY 12	98944	UST
SUNNYSIDE	1603880589	ROYAL DRY CLEANERS	500 BLOCK OF SOUTH 7TH STREET	98944	CERC-NFRAP
SUNNYSIDE	U000802362	EMERALD ACRES	PO BOX 419 ROUTE 1 BOX 1164	98944	UST
SUNNYSIDE	1007081147	SNIPES MOUNTAIN LANDFILL	DEKKER RD	98944	CSCSL, FINDS
SUNNYSIDE	1007490997	LA ROSITA YAKIMA VALLEY HWY	3.5 MILE OF YAKIMA VALLEY HWY	98944	RCRA-SQG, FINDS
SUNNYSIDE	1007070229	PET HEALTH CLINIC	2210 A E EDISON RD	98944	CSCSL, FINDS
SUNNYSIDE	S105631723	EMERALD RANCHES FORMER POST DIPPING SITE	EMERALD RD	98944	CSCSL
SUNNYSIDE	1007065925	BARGAIN HUT	515 HARRISON	98944	CSCSL, FINDS
SUNNYSIDE	1000332303	US DOE BPA MIDWAY SUBSTATION	PRIEST RAPIDS RD OFF ST HWY 24	98944	RCRA-SQG, FINDS, CORRACTS, CERC-NFRAP
SUNNYSIDE	U000580221	SILVER DOLLAR CAFE	STAR RT. VERNITA	98944	UST
SUNNYSIDE	1007081121	CIRCLE L	808 STATE HWY 12	98944	FINDS, BROWNFIELDS
SUNNYSIDE	S100245301	SUNNYSIDE MUNICIPAL WELL	WELL 1 GRANT ST	98944	CSCSL
SUNNYSIDE	U003960370	COUNTRY FOODS USA	31501 YAKIMA VALLEY HWY	98944	UST
SUNNYSIDE	U004040907	RAINIER PATHOLOGY LAB	821 YAKIMA VALLEY HIGHWAY	98944	UST



To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

#### FEDERAL RECORDS

##### **NPL: National Priority List**

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: 07/05/2006	Source: EPA
Date Data Arrived at EDR: 08/02/2006	Telephone: N/A
Date Made Active in Reports: 09/12/2006	Last EDR Contact: 08/02/2006
Number of Days to Update: 41	Next Scheduled EDR Contact: 10/30/2006
	Data Release Frequency: Quarterly

##### **NPL Site Boundaries**

###### **Sources:**

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-6418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

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

Date of Government Version: 07/05/2006	Source: EPA
Date Data Arrived at EDR: 08/02/2006	Telephone: N/A
Date Made Active in Reports: 09/12/2006	Last EDR Contact: 08/02/2006
Number of Days to Update: 41	Next Scheduled EDR Contact: 10/30/2006
	Data Release Frequency: Quarterly

##### **DELISTED NPL: National Priority List Deletions**

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: 07/05/2006	Source: EPA
Date Data Arrived at EDR: 08/02/2006	Telephone: N/A
Date Made Active in Reports: 09/12/2006	Last EDR Contact: 08/02/2006
Number of Days to Update: 41	Next Scheduled EDR Contact: 10/30/2006
	Data Release Frequency: Quarterly

**NPL RECOVERY: Federal Superfund Liens**

Federal Superfund Liens. Under the authority granted the USEPA by 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 received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/21/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: No Update Planned

**CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System**

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: 06/19/2006	Source: EPA
Date Data Arrived at EDR: 06/22/2006	Telephone: 703-603-8960
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 09/21/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Quarterly

**CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned**

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 07/17/2006	Source: EPA
Date Data Arrived at EDR: 08/02/2006	Telephone: 703-603-8960
Date Made Active in Reports: 09/12/2006	Last EDR Contact: 09/18/2006
Number of Days to Update: 41	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Quarterly

**CORRACTS: Corrective Action Report**

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/15/2006	Source: EPA
Date Data Arrived at EDR: 03/17/2006	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 09/05/2006
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/04/2006
	Data Release Frequency: Quarterly

**RCRA: Resource Conservation and Recovery Act Information**

**RCRAInfo** is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database 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). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/13/2006	Source: EPA
Date Data Arrived at EDR: 06/28/2006	Telephone: 800-424-9346
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 09/28/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Quarterly

**ERNS: Emergency Response Notification System**

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2005	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/12/2006	Telephone: 202-260-2342
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 07/25/2006
Number of Days to Update: 40	Next Scheduled EDR Contact: 10/23/2006
	Data Release Frequency: Annually

**HMIRS: Hazardous Materials Information Reporting System**

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 07/03/2006	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 07/19/2006	Telephone: 202-366-4555
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 07/19/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 10/16/2006
	Data Release Frequency: Annually

**US ENG CONTROLS: Engineering Controls Sites List**

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or affect human health.

Date of Government Version: 03/21/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2006	Telephone: 703-603-8905
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 09/07/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Varies

**US INST CONTROL: Sites with Institutional Controls**

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/21/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2006	Telephone: 703-603-8905
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 09/07/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Varies

**POD: Department of Defense Sites**

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2004	Source: USGS
Date Data Arrived at EDR: 02/08/2005	Telephone: 703-692-8801
Date Made Active in Reports: 08/04/2005	Last EDR Contact: 08/11/2006
Number of Days to Update: 177	Next Scheduled EDR Contact: 11/08/2006
	Data Release Frequency: Semi-Annually

**FUDS: Formerly Used Defense Sites**

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/05/2005	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 01/19/2006	Telephone: 202-528-4285
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 09/18/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Varies

**US BROWNFIELDS: A Listing of Brownfields Sites**

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 07/10/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/13/2006	Telephone: 202-566-2777
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 09/11/2006
Number of Days to Update: 55	Next Scheduled EDR Contact: 12/11/2006
	Data Release Frequency: Semi-Annually

**CONSENT: Superfund (CERCLA) Consent Decrees**

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: 12/14/2004	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 02/15/2005	Telephone: Varies
Date Made Active in Reports: 04/25/2005	Last EDR Contact: 09/18/2006
Number of Days to Update: 69	Next Scheduled EDR Contact: 10/23/2006
	Data Release Frequency: Varies

**ROD: Records Of Decision**

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/10/2006	Source: EPA
Date Data Arrived at EDR: 07/21/2006	Telephone: 703-416-0223
Date Made Active in Reports: 09/08/2006	Last EDR Contact: 10/02/2006
Number of Days to Update: 47	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Annually

**UMTRA: Uranium Mill Tailings Sites**

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 11/04/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/28/2005	Telephone: 505-845-0011
Date Made Active in Reports: 01/30/2006	Last EDR Contact: 09/05/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Varies

**ODI: Open Dump Inventory**

An open dump is defined as a disposal facility that does not comply with one or more of the Part 267 or Part 268 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

**PRP: Potentially Responsible Parties**

A listing of verified Potentially Responsible Parties

Date of Government Version: 07/20/2006	Source: EPA
Date Data Arrived at EDR: 07/21/2006	Telephone: 202-564-6064
Date Made Active in Reports: 08/22/2006	Last EDR Contact: 10/02/2006
Number of Days to Update: 32	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Quarterly

**TRIS: Toxic Chemical Release Inventory System**

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: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 08/22/2006	Telephone: 202-566-0250
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 09/22/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Annually

**TSCA: Toxic Substances Control Act**

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: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 07/17/2006
Number of Days to Update: 46	Next Scheduled EDR Contact: 10/16/2006
	Data Release Frequency: Every 4 Years

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

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: 07/14/2006	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 07/18/2006	Telephone: 202-566-1667
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 09/18/2006
Number of Days to Update: 50	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Quarterly

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

Date of Government Version: 07/14/2006	Source: EPA
Date Data Arrived at EDR: 07/18/2006	Telephone: 202-566-1667
Date Made Active in Reports: 09/08/2006	Last EDR Contact: 09/18/2006
Number of Days to Update: 50	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Quarterly

**§§76: Section 7 Tracking Systems**

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 05/11/2006	Telephone: 202-564-4203
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 10/16/2006
Number of Days to Update: 11	Next Scheduled EDR Contact: 01/15/2007
	Data Release Frequency: Annually

**ICIS: Integrated Compliance Information System**

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 02/13/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/21/2006	Telephone: 202-564-5088
Date Made Active in Reports: 05/11/2006	Last EDR Contact: 07/17/2006
Number of Days to Update: 20	Next Scheduled EDR Contact: 10/16/2006
	Data Release Frequency: Quarterly

**PADS: PCB Activity Database System**

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: 07/07/2006	Source: EPA
Date Data Arrived at EDR: 08/09/2006	Telephone: 202-566-0500
Date Made Active in Reports: 09/08/2006	Last EDR Contact: 08/09/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 11/06/2006
	Data Release Frequency: Annually

**MLTS: Material Licensing Tracking System**

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: 07/10/2006	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/20/2006	Telephone: 301-415-7169
Date Made Active in Reports: 09/08/2006	Last EDR Contact: 10/02/2006
Number of Days to Update: 48	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Quarterly

**MINES: Mines Master Index File**

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/16/2006	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 06/28/2006	Telephone: 303-231-5959
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 09/27/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 12/25/2006
	Data Release Frequency: Semi-Annually

**FINDS: Facility Index System/Facility Registry System**

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: 07/21/2006	Source: EPA
Date Data Arrived at EDR: 07/25/2006	Telephone: N/A
Date Made Active in Reports: 09/08/2006	Last EDR Contact: 10/02/2006
Number of Days to Update: 43	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Quarterly

**RAATS: RCRA Administrative Action Tracking System**

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: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 09/07/1995	Last EDR Contact: 09/05/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/04/2006
	Data Release Frequency: No Update Planned

**BRS: Biennial Reporting System**

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: 12/31/2003	Source: EPANTIS
Date Data Arrived at EDR: 06/17/2005	Telephone: 800-424-9346
Date Made Active in Reports: 08/04/2005	Last EDR Contact: 10/06/2006
Number of Days to Update: 48	Next Scheduled EDR Contact: 12/11/2006
	Data Release Frequency: Biennially

**STATE AND LOCAL RECORDS**

**CSCSL: Confirmed & Suspected Contaminated Sites List**

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: 08/17/2006	Source: Department of Ecology
Date Data Arrived at EDR: 08/29/2006	Telephone: 360-407-7200
Date Made Active in Reports: 09/05/2006	Last EDR Contact: 08/29/2006
Number of Days to Update: 7	Next Scheduled EDR Contact: 11/13/2006
	Data Release Frequency: Semi-Annually

**HSL: Hazardous Sites List**

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: 08/23/2006	Source: Department of Ecology
Date Data Arrived at EDR: 09/22/2006	Telephone: 360-407-7200
Date Made Active in Reports: 10/11/2006	Last EDR Contact: 09/06/2006
Number of Days to Update: 19	Next Scheduled EDR Contact: 12/04/2006
	Data Release Frequency: Semi-Annually

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

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: 08/17/2006	Source: Department of Ecology
Date Data Arrived at EDR: 08/29/2006	Telephone: 360-407-7170
Date Made Active in Reports: 09/05/2006	Last EDR Contact: 08/29/2006
Number of Days to Update: 7	Next Scheduled EDR Contact: 11/13/2006
	Data Release Frequency: Semi-Annually

**SWF/LF: Solid Waste Facility Database**

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: 10/01/2004	Source: Department of Ecology
Date Data Arrived at EDR: 01/08/2005	Telephone: 360-407-6132
Date Made Active in Reports: 02/02/2005	Last EDR Contact: 10/05/2006
Number of Days to Update: 27	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Annually

**SWTIRE: Solid Waste Tire Facilities**

This study identified sites statewide with unauthorized accumulations of scrap tires.

Date of Government Version: 11/01/2005	Source: Department of Ecology
Date Data Arrived at EDR: 03/16/2006	Telephone: N/A
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 10/06/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Varies

**LUST: Leaking Underground Storage Tanks Site List**

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: 09/07/2006	Source: Department of Ecology
Date Data Arrived at EDR: 09/14/2006	Telephone: 360-407-7183
Date Made Active in Reports: 10/11/2006	Last EDR Contact: 09/14/2006
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/11/2006
	Data Release Frequency: Quarterly

**UST: Underground Storage Tank Database**

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: 06/08/2006	Source: Department of Ecology
Date Data Arrived at EDR: 06/14/2006	Telephone: 360-407-7183
Date Made Active in Reports: 07/27/2006	Last EDR Contact: 09/14/2006
Number of Days to Update: 43	Next Scheduled EDR Contact: 12/11/2006
	Data Release Frequency: Quarterly

**AST: Aboveground Storage Tank Locations**

A listing of aboveground storage tank locations regulated by the Department of Ecology's Spill Prevention, Preparedness and Response Program.



Date of Government Version: 09/06/2006  
Date Data Arrived at EDR: 09/08/2006  
Date Made Active in Reports: 10/12/2006  
Number of Days to Update: 34

Source: Department of Ecology  
Telephone: 360-407-7562  
Last EDR Contact: 08/29/2006  
Next Scheduled EDR Contact: 11/27/2006  
Data Release Frequency: Varies

**MANIFEST: Hazardous Waste Manifest Data**  
Hazardous waste manifest information.

Date of Government Version: 12/31/2004  
Date Data Arrived at EDR: 04/24/2006  
Date Made Active in Reports: 05/31/2006  
Number of Days to Update: 37

Source: Department of Ecology  
Telephone: N/A  
Last EDR Contact: 08/15/2006  
Next Scheduled EDR Contact: 11/13/2006  
Data Release Frequency: Annually

**SPILLS: Reported Spills**

Spills reported to the Spill Prevention, Preparedness and Response Division.

Date of Government Version: 07/31/2006  
Date Data Arrived at EDR: 08/01/2006  
Date Made Active in Reports: 09/05/2006  
Number of Days to Update: 36

Source: Department of Ecology  
Telephone: 360-407-6950  
Last EDR Contact: 10/18/2006  
Next Scheduled EDR Contact: 01/01/2007  
Data Release Frequency: Semi-Annually

**INST CONTROL: Institutional Control Site List**  
Sites that have institutional controls.

Date of Government Version: 09/06/2006  
Date Data Arrived at EDR: 09/08/2006  
Date Made Active in Reports: 10/11/2006  
Number of Days to Update: 33

Source: Department of Ecology  
Telephone: 360-407-7170  
Last EDR Contact: 09/05/2006  
Next Scheduled EDR Contact: 12/04/2006  
Data Release Frequency: Varies

**VCP: Voluntary Cleanup Program Sites**

Sites that have entered either the Voluntary Cleanup Program or its predecessor Independent Remedial Action Program.

Date of Government Version: 08/17/2006  
Date Data Arrived at EDR: 08/29/2006  
Date Made Active in Reports: 09/05/2006  
Number of Days to Update: 7

Source: Department of Ecology  
Telephone: 360-407-7200  
Last EDR Contact: 08/29/2006  
Next Scheduled EDR Contact: 11/13/2006  
Data Release Frequency: Varies

**ICR: Independent Cleanup Reports**

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. This database is no longer updated by the Department of Ecology.

Date of Government Version: 12/01/2002  
Date Data Arrived at EDR: 01/03/2003  
Date Made Active in Reports: 01/22/2003  
Number of Days to Update: 19

Source: Department of Ecology  
Telephone: 360-407-7200  
Last EDR Contact: 08/16/2006  
Next Scheduled EDR Contact: 11/13/2006  
Data Release Frequency: No Update Planned

**DRYCLEANERS: Drycleaner List**

A listing of registered drycleaners who registered with the Department of Ecology (using the SIC code of 7215 and 7216) as hazardous waste generators.

Date of Government Version: 01/12/2006  
Date Data Arrived at EDR: 03/23/2006  
Date Made Active in Reports: 04/13/2006  
Number of Days to Update: 21

Source: Department of Ecology  
Telephone: 360-407-6732  
Last EDR Contact: 08/16/2006  
Next Scheduled EDR Contact: 11/13/2006  
Data Release Frequency: Varies

**BROWNFIELDS: Brownfields Sites Listing**

A listing of brownfields sites included in the Confirmed & Suspected Sites Listing. Brownfields are abandoned, idle or underused commercial or industrial properties, where the expansion or redevelopment is hindered by real or perceived contamination. Brownfields vary in size, location, age, and past use — they can be anything from a five-hundred acre automobile assembly plant to a small, abandoned corner gas station.

Date of Government Version: 08/10/2006      Source: Department of Ecology  
Date Data Arrived at EDR: 08/17/2006      Telephone: 360-725-4030  
Date Made Active in Reports: 09/05/2006      Last EDR Contact: 08/17/2006  
Number of Days to Update: 19      Next Scheduled EDR Contact: 11/13/2006  
Data Release Frequency: Varies

**CDL: Clandestine Drug Lab Contaminated Site List**

Illegal methamphetamine labs use hazardous chemicals that create public health hazards. Chemicals and residues can cause burns, respiratory and neurological damage, and death. Biological hazards associated with intravenous needles, feces, and blood also pose health risks.

Date of Government Version: 08/19/2006      Source: Department of Health  
Date Data Arrived at EDR: 09/07/2006      Telephone: 360-236-3380  
Date Made Active in Reports: 10/11/2006      Last EDR Contact: 09/07/2006  
Number of Days to Update: 34      Next Scheduled EDR Contact: 12/04/2006  
Data Release Frequency: Varies

**NPDES: Water Quality Permit System Data**

A listing of permitted wastewater facilities.

Date of Government Version: 08/16/2006      Source: Department of Ecology  
Date Data Arrived at EDR: 08/17/2006      Telephone: 360-407-6073  
Date Made Active in Reports: 09/05/2006      Last EDR Contact: 08/17/2006  
Number of Days to Update: 19      Next Scheduled EDR Contact: 11/13/2006  
Data Release Frequency: Quarterly

**EMI: Washington Emissions Data System**

Date of Government Version: 12/31/2004      Source: Department of Ecology  
Date Data Arrived at EDR: 03/16/2006      Telephone: 360-407-6040  
Date Made Active in Reports: 04/13/2006      Last EDR Contact: 10/16/2006  
Number of Days to Update: 28      Next Scheduled EDR Contact: 01/15/2007  
Data Release Frequency: Annually

**INACTIVE DRYCLEANERS: Inactive Drycleaners**

A listing of inactive drycleaner facility locations.

Date of Government Version: 01/12/2006      Source: Department of Ecology  
Date Data Arrived at EDR: 03/23/2006      Telephone: 360-407-6732  
Date Made Active in Reports: 04/13/2006      Last EDR Contact: 08/15/2006  
Number of Days to Update: 21      Next Scheduled EDR Contact: 11/13/2006  
Data Release Frequency: Annually

**TRIBAL RECORDS**

**INDIAN RESERV: Indian Reservations**

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2004      Source: USGS  
Date Data Arrived at EDR: 02/08/2005      Telephone: 202-208-3710  
Date Made Active in Reports: 08/04/2005      Last EDR Contact: 08/11/2006  
Number of Days to Update: 177      Next Scheduled EDR Contact: 11/06/2006  
Data Release Frequency: Semi-Annually

**INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land**  
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 06/08/2006	Source: EPA Region 1
Date Data Arrived at EDR: 06/09/2006	Telephone: 617-918-1313
Date Made Active in Reports: 06/28/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 19	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Varies

**INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land**  
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/04/2005	Source: EPA Region 8
Date Data Arrived at EDR: 01/21/2005	Telephone: 214-885-6597
Date Made Active in Reports: 02/28/2005	Last EDR Contact: 08/21/2006
Number of Days to Update: 38	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Varies

**INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land**  
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 06/06/2006	Source: EPA Region 8
Date Data Arrived at EDR: 06/09/2006	Telephone: 303-312-6271
Date Made Active in Reports: 07/28/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 49	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Quarterly

**INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land**  
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 06/08/2006	Source: EPA Region 10
Date Data Arrived at EDR: 06/09/2006	Telephone: 206-553-2857
Date Made Active in Reports: 07/28/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 49	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Quarterly

**INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land**  
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 06/01/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/23/2006	Telephone: 415-972-3372
Date Made Active in Reports: 08/02/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 40	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Quarterly

**INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land**  
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 06/01/2006	Source: EPA Region 7
Date Data Arrived at EDR: 07/10/2006	Telephone: 913-551-7003
Date Made Active in Reports: 09/12/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 64	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Varies

**INDIAN UST R7: Underground Storage Tanks on Indian Land**

Date of Government Version: 06/01/2006	Source: EPA Region 7
Date Data Arrived at EDR: 07/10/2006	Telephone: 913-551-7003
Date Made Active in Reports: 09/12/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 64	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Varies

**INDIAN UST R5: Underground Storage Tanks on Indian Land**

Date of Government Version: 12/02/2004	Source: EPA Region 5
Date Data Arrived at EDR: 12/29/2004	Telephone: 312-886-8136
Date Made Active in Reports: 02/04/2005	Last EDR Contact: 08/21/2006
Number of Days to Update: 37	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Varies

**INDIAN UST R8: Underground Storage Tanks on Indian Land**

Date of Government Version: 06/08/2006	Source: EPA Region 8
Date Data Arrived at EDR: 06/09/2006	Telephone: 303-312-8137
Date Made Active in Reports: 07/28/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 49	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Quarterly

**INDIAN UST R10: Underground Storage Tanks on Indian Land**

Date of Government Version: 06/08/2006	Source: EPA Region 10
Date Data Arrived at EDR: 06/09/2006	Telephone: 206-663-2857
Date Made Active in Reports: 07/28/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 49	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Quarterly

**INDIAN UST R1: Underground Storage Tanks on Indian Land**

A listing of underground storage tank locations on Indian Land.

Date of Government Version: 06/08/2006	Source: EPA, Region 1
Date Data Arrived at EDR: 06/09/2006	Telephone: 617-918-1313
Date Made Active in Reports: 06/30/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 21	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Varies

**INDIAN UST R6: Underground Storage Tanks on Indian Land**

Date of Government Version: 06/30/2006	Source: EPA Region 6
Date Data Arrived at EDR: 07/03/2006	Telephone: 214-665-7591
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 65	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Semi-Annually

**INDIAN UST R9: Underground Storage Tanks on Indian Land**

Date of Government Version: 06/01/2006	Source: EPA Region 9
Date Data Arrived at EDR: 06/23/2006	Telephone: 415-972-3368
Date Made Active in Reports: 08/02/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 40	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Quarterly

**EDR PROPRIETARY RECORDS**

**Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants**

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oil waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## COUNTY RECORDS

### **KING COUNTY:**

#### **Abandoned Landfill Study in King County**

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: 04/30/1985  
Date Data Arrived at EDR: 11/07/1994  
Date Made Active in Reports: N/A  
Number of Days to Update: 0

Source: Seattle-King County Department of Public Health  
Telephone: 206-296-4785  
Last EDR Contact: 10/21/1994  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### **KITSAP COUNTY:**

#### **Water Wells in Kitsap County**

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: 0

Source: N/A  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: N/A

### **SEATTLE COUNTY:**

#### **Abandoned Landfill Study in the City of Seattle**

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: 07/30/1984  
Date Data Arrived at EDR: 11/07/1994  
Date Made Active in Reports: N/A  
Number of Days to Update: 0

Source: Seattle - King County Department of Public Health  
Telephone: 206-296-4785  
Last EDR Contact: 10/21/1994  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### **SEATTLE/KING COUNTY:**

#### **Seattle - King County Abandoned Landfill Toxicity / Hazard Assessment Project**

This report presents the Seattle-King County Health Department's follow-up investigation of two city owned and four county owned abandoned landfills which was conducted from February to December 1986.

Date of Government Version: 12/31/1988  
Date Data Arrived at EDR: 08/18/1995  
Date Made Active in Reports: 08/20/1995  
Number of Days to Update: 33

Source: Department of Public Health  
Telephone: 206-296-4785  
Last EDR Contact: 08/14/1995  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### **SNOHOMISH COUNTY:**

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

Date of Government Version: 01/28/2006	Source: Snohomish Health District
Date Data Arrived at EDR: 05/01/2006	Telephone: 206-339-5250
Date Made Active in Reports: 05/31/2006	Last EDR Contact: 07/19/2006
Number of Days to Update: 30	Next Scheduled EDR Contact: 10/16/2006
	Data Release Frequency: Semi-Annually

**TACOMA/PIERCE COUNTY:**

**Closed Landfill Survey**

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: 09/01/2002	Source: Tacoma-Pierce County Health Department
Date Data Arrived at EDR: 03/24/2003	Telephone: 206-591-6500
Date Made Active in Reports: 05/14/2003	Last EDR Contact: 03/19/2003
Number of Days to Update: 51	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

**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.

**CT MANIFEST: Hazardous Waste Manifest Data**

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2004	Source: Department of Environmental Protection
Date Data Arrived at EDR: 02/17/2006	Telephone: 860-424-3375
Date Made Active in Reports: 04/07/2006	Last EDR Contact: 08/11/2006
Number of Days to Update: 49	Next Scheduled EDR Contact: 12/11/2006
	Data Release Frequency: Annually

**NY MANIFEST: Facility and Manifest Data**

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/01/2006	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 08/30/2006	Telephone: 518-402-8651
Date Made Active in Reports: 10/16/2006	Last EDR Contact: 08/30/2006
Number of Days to Update: 47	Next Scheduled EDR Contact: 11/27/2006
	Data Release Frequency: Annually

**PA MANIFEST: Manifest Information**

Hazardous waste manifest information.

Date of Government Version: 12/31/2005	Source: Department of Environmental Protection
Date Data Arrived at EDR: 05/04/2006	Telephone: N/A
Date Made Active in Reports: 06/06/2006	Last EDR Contact: 09/11/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 12/11/2006
	Data Release Frequency: Annually

**WI MANIFEST: Manifest Information**

Hazardous waste manifest information.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 03/17/2006  
Date Made Active in Reports: 05/02/2006  
Number of Days to Update: 48

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 10/09/2006  
Next Scheduled EDR Contact: 01/08/2007  
Data Release Frequency: Annually

**Oil/Gas Pipelines:** 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.

**Electric Power Transmission Line Data**

Source: PennWell Corporation  
Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

**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.

**AHA Hospitals:**

Source: American Hospital Association, Inc.  
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

**Medical Centers: Provider of Services Listing**

Source: Centers for Medicare & Medicaid Services  
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

**Nursing Homes**

Source: National Institutes of Health  
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

**Public Schools**

Source: National Center for Education Statistics  
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

**Private Schools**

Source: National Center for Education Statistics  
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

**Daycare Centers: Daycare Center Listing**

Source: Department of Social & Health Services  
Telephone: 253-383-1735

**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 2002 and 2005 from the U.S. Fish and Wildlife Service.



**STREET AND ADDRESS INFORMATION**

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## EDR CHECK - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

APEX WINERY  
111 E. LINCOLN ST.  
SUNNYSIDE, WA 98944

### TARGET PROPERTY COORDINATES

Latitude (North):	46.31660 - 46° 18' 59.8"
Longitude (West):	120.02 - 120° 1' 12.0"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	729431.0
UTM Y (Meters):	5133323.5
Elevation:	767 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	46120-C1 SUNNYSIDE, WA
Most Recent Revision:	1978
East Map:	46119-C8 GRANDVIEW, WA
Most Recent Revision:	1978

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.

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.



**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).

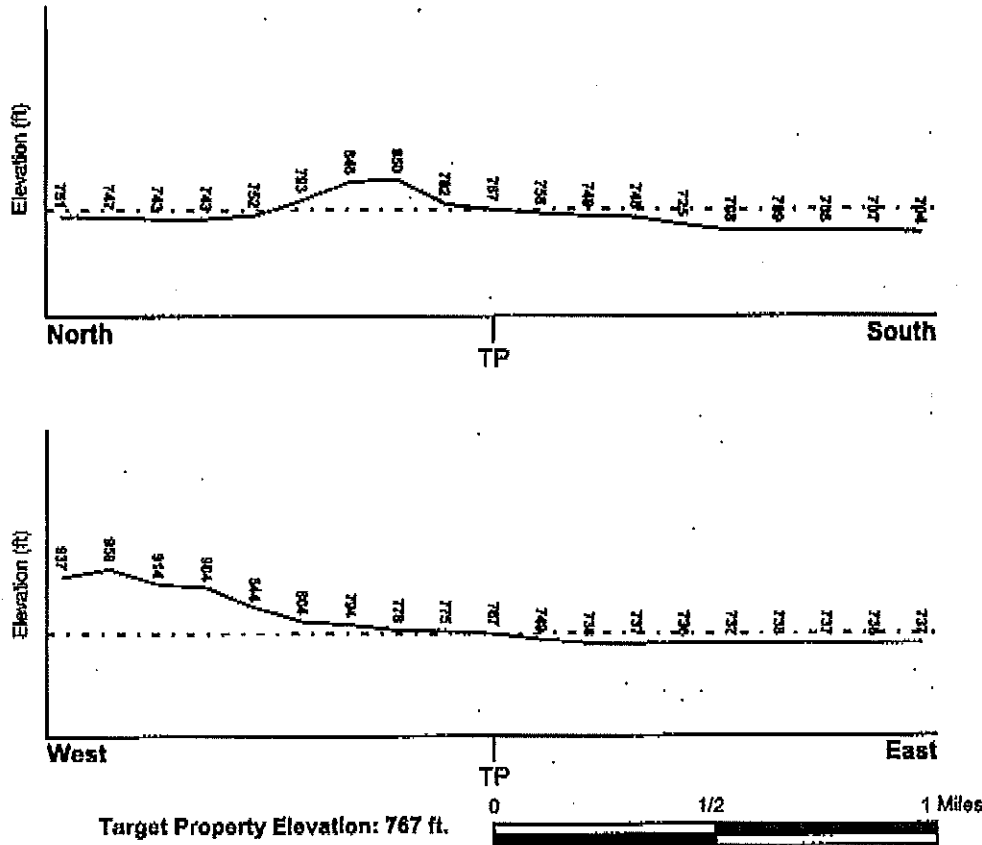
**TOPOGRAPHIC INFORMATION**

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.

**TARGET PROPERTY TOPOGRAPHY**

General Topographic Gradient: General SSE

**SURROUNDING TOPOGRAPHY: ELEVATION PROFILES**



Source: Topography has been determined from the USGS 7.5' 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.

[REDACTED]

**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**

<u>Target Property County</u> YAKIMA, WA	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	5302270000A
Additional Panels in search area:	5302171850B 5302171875B

**NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u> SUNNYSIDE	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
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**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.

*Site-Specific Hydrogeological Data\*:*  
Search Radius: 1.25 miles  
Status: Not found

**AQUIFLOW®**

Search Radius: 1.000 Mile.

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.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

\* 01998 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.



**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.

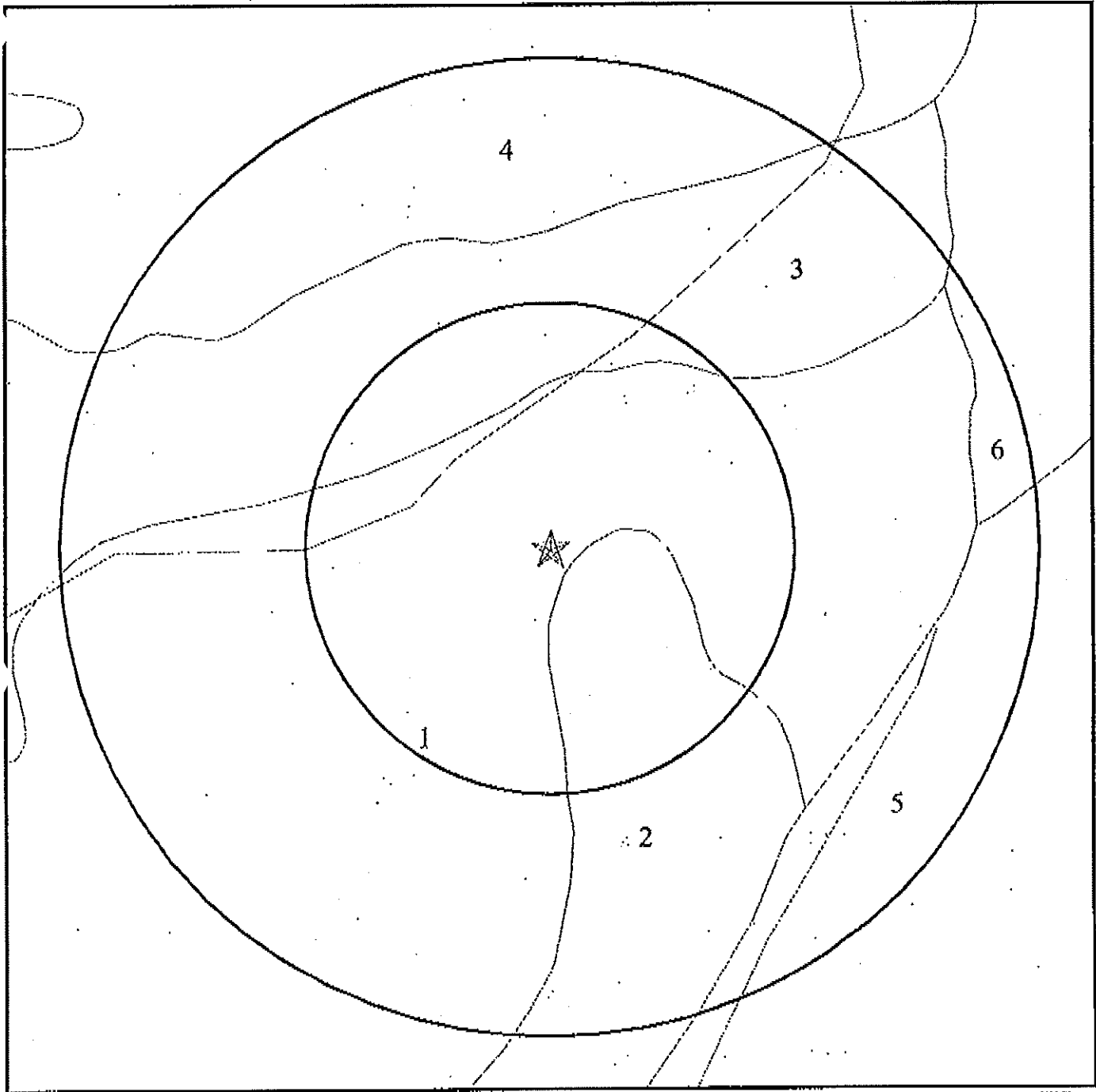
**ROCK STRATIGRAPHIC UNIT**

**GEOLOGIC AGE IDENTIFICATION**

Era:	Cenozoic	Category:	Stratified Sequence
System:	Quaternary		
Series:	Quaternary		
Code:	Q (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. Belkman Map, USGS Digital Data Series DDS - 11 (1994).

**SSURGO SOIL MAP - 1776958.1s**



- ★ Target Property
- ▨ SSURGO Soil
- ▨ Water



<b>SITE NAME:</b> Apex Winery <b>ADDRESS:</b> 111 E. Lincoln St. Sunnyside WA 98944 <b>LAT/LONG:</b> 46.3166 / 120.0200	<b>CLIENT:</b> Blue Mountain Env. Cons. Inc. <b>CONTACT:</b> Peter Trabusiner <b>INQUIRY #:</b> 1776958.1s <b>DATE:</b> October 17, 2006 4:48 pm
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**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. The following information is based on Soil Conservation Service SSURGO data.

**Soil Map ID: 1**

Soil Component Name: WARDEN

Soil Surface Texture: silt 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.

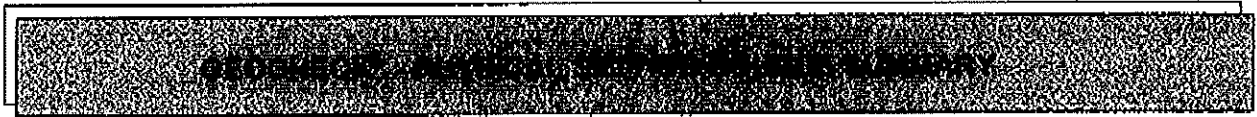
Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	silt 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
2	5 inches	19 inches	very fine sandy 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
3	19 inches	60 inches	stratified	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: 9.00 Min: 7.90



**Soil Map ID: 2**

Soil Component Name: WARDEN

Soil Surface Texture: silt 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: HIGH

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	silt 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
2	5 inches	19 inches	very fine sandy 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
3	19 inches	60 inches	stratified	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: 9.00 Min: 7.90

**Soil Map ID: 3**

Soil Component Name: WARDEN

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: HIGH

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	fine sandy 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
2	5 inches	19 inches	very fine sandy 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
3	19 inches	60 inches	stratified	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: 9.00 Min: 7.90

**Soil Map ID: 4**

Soil Component Name: WARDEN

Soil Surface Texture: silt 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: HIGH

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches





Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	silt 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
2	5 inches	19 inches	very fine sandy 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
3	19 inches	60 inches	stratified	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: 9.00 Min: 7.90

**Soil Map ID: 5**

Soil Component Name: **OUTLOOK**

Soil Surface Texture: **silt loam**

Hydrologic Group: **Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.**

Soil Drainage Class: **Somewhat poorly. Soils commonly have a layer with low hydraulic conductivity, wet state high in profile, etc. Depth to water table is 1 to 3 feet.**

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

Corrosion Potential - Uncoated Steel: **HIGH**

Depth to Bedrock Min: **> 0 inches**

Depth to Bedrock Max: **> 0 inches**



Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	8 inches	silt 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: 9.00 Min: 8.50
2	8 inches	60 inches	very fine sandy 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: 9.00 Min: 7.90

**Soil Map ID: 6**

Soil Component Name: CLEMAN

Soil Surface Texture: very 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: HIGH

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	10 inches	very fine sandy 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: 6.00 Min: 2.00	Max: 7.80 Min: 6.60



Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	10 inches	40 inches	stratified	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
3	40 inches	60 inches	stratified	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 20.00 Min: 20.00	Max: 8.40 Min: 6.60

**LOCAL / REGIONAL WATER AGENCY RECORDS**

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water 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>
A1	USGS3218135	1/4 - 1/2 Mile SSE
B2	USGS3218071	1/4 - 1/2 Mile NNE
B3	USGS3218070	1/4 - 1/2 Mile NNE
5	USGS3218043	1/4 - 1/2 Mile WNW
B6	USGS3218074	1/4 - 1/2 Mile NNE
B7	USGS3218073	1/4 - 1/2 Mile NNE
8	USGS3218140	1/4 - 1/2 Mile SSW
C9	USGS3218067	1/4 - 1/2 Mile NE
C10	USGS3218066	1/4 - 1/2 Mile NE
11	USGS3218180	1/2 - 1 Mile East



**FEDERAL USGS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
D13	USGS3218086	1/2 - 1 Mile North
E14	USGS3218144	1/2 - 1 Mile WSW
16	USGS3217982	1/2 - 1 Mile North
E17	USGS3218141	1/2 - 1 Mile WSW
E19	USGS3218142	1/2 - 1 Mile WSW
20	USGS3218084	1/2 - 1 Mile NW
F21	USGS3218117	1/2 - 1 Mile SSE
F22	USGS3218116	1/2 - 1 Mile SSE
23	USGS3218110	1/2 - 1 Mile North
G24	USGS3218095	1/2 - 1 Mile NNE
25	USGS3218157	1/2 - 1 Mile WSW
G26	USGS3218104	1/2 - 1 Mile NNE
G28	USGS3218096	1/2 - 1 Mile NNE
H30	USGS3217968	1/2 - 1 Mile North
H31	USGS3217967	1/2 - 1 Mile North
H32	USGS3217966	1/2 - 1 Mile North
H33	USGS3217965	1/2 - 1 Mile North
H34	USGS3217975	1/2 - 1 Mile North
H35	USGS3217974	1/2 - 1 Mile North
H36	USGS3217973	1/2 - 1 Mile North
I37	USGS3217976	1/2 - 1 Mile North
H39	USGS3217980	1/2 - 1 Mile North
H40	USGS3217979	1/2 - 1 Mile North
H41	USGS3217978	1/2 - 1 Mile North
42	USGS3218072	1/2 - 1 Mile WNW
43	USGS3218264	1/2 - 1 Mile SSE
44	USGS3218280	1/2 - 1 Mile South

**FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

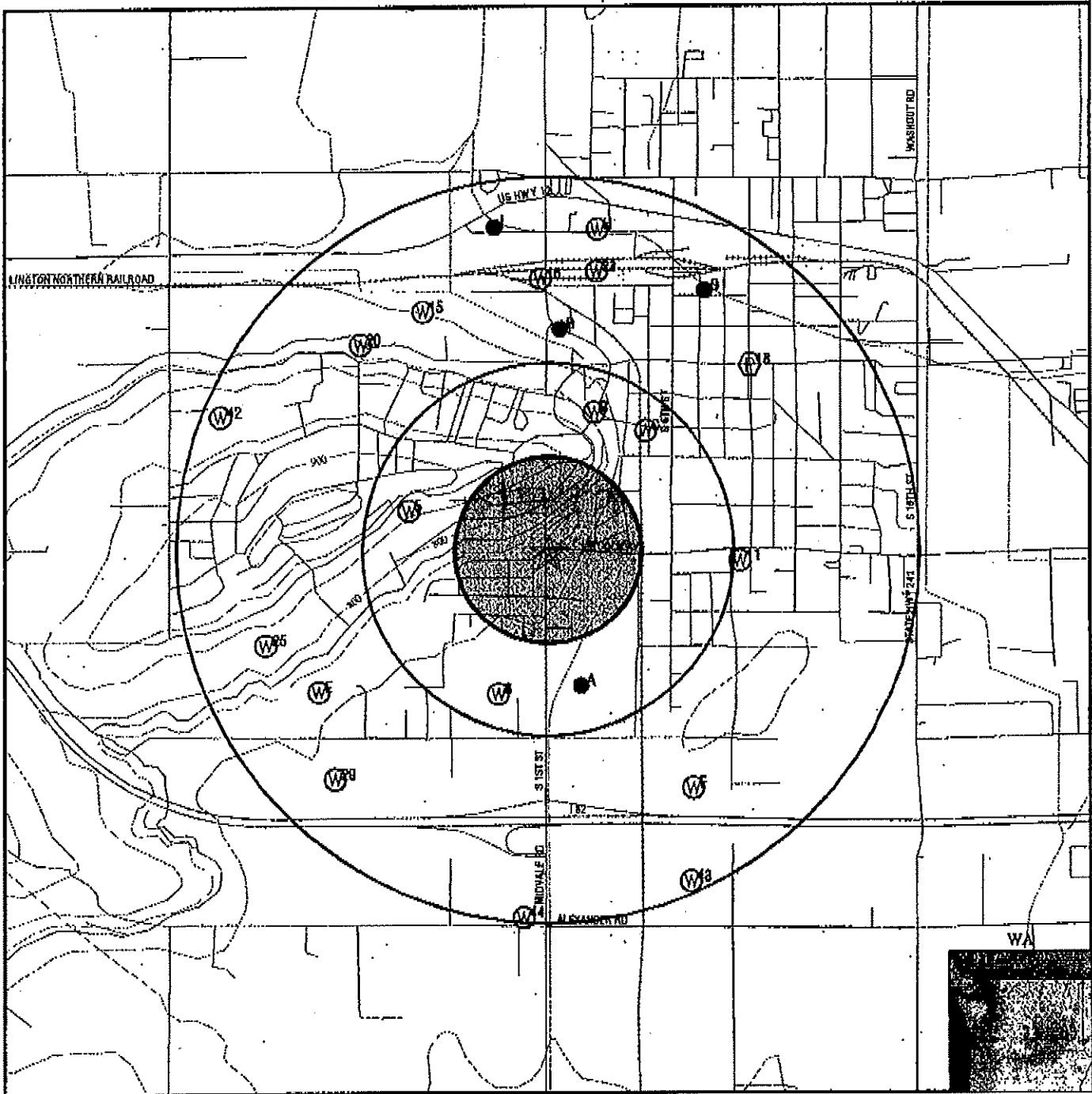
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
18	WA5328036	1/2 - 1 Mile NE

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

**STATE DATABASE WELL INFORMATION**

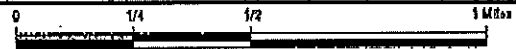
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A4	WAA1000745	1/4 - 1/2 Mile South
D12	WAA1000763	1/2 - 1 Mile North
15	WAB1002199	1/2 - 1 Mile NNW
G27	WAA1000766	1/2 - 1 Mile NNE
29	WAB1002160	1/2 - 1 Mile SW
I38	WAA1000771	1/2 - 1 Mile North

# PHYSICAL SETTING SOURCE MAP - 1776958.1s



- ↘ County Boundary
- ↘ Major Roads
- ↘ Contour Lines
- ⊙ Earthquake epicenter, Richter 5 or greater
- ⊙ Water Wells
- ⊙ Public Water Supply Wells
- Cluster of Multiple Icons

- ↑ Groundwater Flow Direction
- (G.I.) Indeterminate Groundwater Flow at Location
- (G.V.) Groundwater Flow Varies at Location
- (HD) Closest Hydrogeological Data



<p><b>SITE NAME:</b> Apex Winery  <b>ADDRESS:</b> 111 E. Lincoln St.          Sunnyside WA 98944  <b>LAT/LONG:</b> 46.3166 / 120.0200</p>	<p><b>CLIENT:</b> Blue Mountain Env. Cons. Inc.  <b>CONTACT:</b> Peter Trabulser  <b>INQUIRY #:</b> 1776958.1s  <b>DATE:</b> October 17, 2006 4:48 pm</p>
---	---



Map ID  
 Direction  
 Distance  
 Elevation

Database EDR ID Number

A1

FED USGS

USGS3218135

SSE  
 1/4 - 1/2 Mile  
 Lower

Agency cd:	USGS	Site no:	461837120010501
Site name:	10N/22E-36E01		
Latitude:	461842	Dec lat:	46.31151999
Longitude:	1200100	Coord meth:	M
Dec lon:	-120.01782076	Latlong datum:	NAD27
Coord eccr:	S	District:	53
Dec latlong datum:	NAD83	County:	077
State:	53	Land net:	SW NW S36 T10N R22E W
Country:	US	Map scale:	24000
Location map:	SUNNYSIDE	Altitude method:	A
Altitude:	728	Altitude datum:	NGVD29
Altitude accuracy:	1		
Hydrologic:	Lower Yakima, Washington. Area = 2950 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19721124
Date inventoried:	19820810	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	SADDLE MNT BASALT OF YAKIMA, SUBGROUP OF COLUMBIA RIVER BASALT GROUP		
Well depth:	1057	Hole depth:	1080
Source of depth data:	driller	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1982-06-10
Water quality data end date:	1982-06-10	Water quality data count:	1
Ground water data begin date:	1974-03-13	Ground water data end date:	1987-04-15
Ground water data count:	12		

Ground-water levels, Number of Measurements: 12

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1987-04-15	99		1986-02-21	16	
1985-10-03	126				
Note: The site was being pumped.					
1985-04-15	1		1984-02-28	-4	
1983-08-31	33		1983-03-09	5	
1982-10-25	20		1982-02-26	-2	
1981-10-29	10		1981-03-12	-12	
1974-03-13	-9				

B2  
 NNE  
 1/4 - 1/2 Mile  
 Higher

FED USGS

USGS3218071



Agency cd: USGS Site no: 461919120005901  
 Site name: 10N/22E-25M01  
 Latitude: 461919 Dec lat: 46.32179777  
 Longitude: 1200059 Coord meth: M  
 Dec lon: -120.01754308 Latlong datum: NAD27  
 Coord accur: T District: 53  
 Dec latlong datum: NAD83 County: 077  
 State: 53 Land net: NW SW S25 T10N R22E W  
 Country: US Map scale: Not Reported  
 Location map: Not Reported Altitude method: U  
 Altitude: 9999.99 Altitude datum: NGVD29  
 Altitude accuracy: 999  
 Hydrologic: Lower Yakima, Washington. Area = 2950 sq.mi.  
 Topographic: Not Reported  
 Site type: Ground-water other than Spring Date construction: 19900807  
 Date inventoried: Not Reported Mean greenwich time offset: PST  
 Local standard time flag: Y  
 Type of ground water site: Single well, other than collector or Rannay type  
 Aquifer Type: Not Reported  
 Aquifer: UNCLASSIFIED OVERBURDEN  
 Well depth: 28 Hole depth: 30  
 Source of depth data: driller Project number: WA00228  
 Real time data flag: 0 Daily flow data begin date: 0000-00-00  
 Daily flow data end date: 0000-00-00 Daily flow data count: 0  
 Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00  
 Peak flow data count: 0 Water quality data begin date: 0000-00-00  
 Water quality data end date: 0000-00-00 Water quality data count: 0  
 Ground water data begin date: 1990-08-08 Ground water data end date: 1990-08-08  
 Ground water data count: 1

Ground-water levels, Number of Measurements: 1

Date	Feet below	
	Surface	Sealevel
1990-08-08	14	

B3  
 NNE  
 1/4 - 1/2 Mile  
 Higher

FED USGS USGS3218070

Agency cd: USGS Site no: 461919120005801  
 Site name: 10N/22E-25M02  
 Latitude: 461919 Dec lat: 46.32179777  
 Longitude: 1200058 Coord meth: M  
 Dec lon: -120.0172653 Latlong datum: NAD27  
 Coord accur: T District: 53  
 Dec latlong datum: NAD83 County: 077  
 State: 53 Land net: NW SW S25 T10N R22E W  
 Country: US Map scale: Not Reported  
 Location map: Not Reported Altitude method: U  
 Altitude: 9999.99 Altitude datum: NGVD29  
 Altitude accuracy: 999  
 Hydrologic: Lower Yakima, Washington. Area = 2950 sq.mi.  
 Topographic: Not Reported  
 Site type: Ground-water other than Spring Date construction: 19900808  
 Date inventoried: Not Reported Mean greenwich time offset: PST



Local standard time flag: Y  
 Type of ground water site: Single well, other than collector or Ranney type  
 Aquifer Type: Not Reported  
 Aquifer: Not Reported  
 Well depth: 30  
 Source of depth data: driller  
 Real time data flag: 0  
 Daily flow data end date: 0000-00-00  
 Peak flow data begin date: 0000-00-00  
 Peak flow data count: 0  
 Water quality data end date: 0000-00-00  
 Ground water data begin date: 1990-08-08  
 Ground water data count: 1

Hole depth: 30  
 Project number: WA00228  
 Daily flow data begin date: 0000-00-00  
 Daily flow data count: 0  
 Peak flow data end date: 0000-00-00  
 Water quality data begin date: 0000-00-00  
 Water quality data count: 0  
 Ground water data end date: 1990-08-08

Ground-water levels, Number of Measurements: 1

Date	Feet below	
	Surface	Sealevel
1990-08-08	18	

A4  
 South  
 1/4 - 1/2 Mile  
 Lower

WA WELLS WAA1000745

Pwsid:	85400	Srnum:	07
Pwsrld:	8540007	Systemname:	SUNNYSIDE, CITY OF
Systemtype:	Community	Sourcenam:	Well #7
Sourcetype:	Well	Sourcelab:	S07 / Well #7
Region:	Eastern	Wria:	37
County:	YAKIMA	Contadd1:	Not Reported
Contadd2:	818 E Edison	Contphone:	(509) 837-5206
Contcity:	Sunnyside	Contstate:	WA
Contzipcd:	98944	Usecode:	Permanent
Capacity:	1100		
Treated:	Not Reported	Suscept:	High
Whpatype:	Not Reported	Doawellid:	Not Reported
Latitude:	46.311056		
Longitude:	-120.018528		
LImethod:	GPS		

5  
 WNW  
 1/4 - 1/2 Mile  
 Higher

FED USGS UBSG3218043

Agency cd:	USGS	Site no:	461906120013601
Site name:	10N/22E-26Q01		
Latitude:	461906	Dec lat:	46.31816057
Longitude:	1200136	Coor meth:	M
Dec lon:	-120.02782125	Latlong datum:	NAD27
Coor accr:	T	District:	53
Dec latlong datum:	NAD83	County:	077
State:	53	Land net:	SW SE S26 T10N R22E W
Country:	US	Map scale:	Not Reported
Location map:	Not Reported		





Altitude: 9999.99 Altitude method: U  
 Altitude accuracy: 999 Altitude datum: NGVD29  
 Hydrologic: Lower Yakima, Washington. Area = 2950 sq.mi.  
 Topographic: Not Reported  
 Site type: Ground-water other than Spring Date construction: 19881102  
 Date inventoried: 19881114 Mean greenwich time offset: PST  
 Local standard time flag: Y  
 Type of ground water site: Single well, other than collector or Ranney type  
 Aquifer Type: Not Reported  
 Aquifer: UNCLASSIFIED OVERBURDEN  
 Well depth: 146 Hole depth: 148  
 Source of depth data: driller Project number: WA00228  
 Real time data flag: 0 Daily flow data begin date: 0000-00-00  
 Daily flow data end date: 0000-00-00 Daily flow data count: 0  
 Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00  
 Peak flow data count: 0 Water quality data begin date: 0000-00-00  
 Water quality data end date: 0000-00-00 Water quality data count: 0  
 Ground water data begin date: 1988-11-14 Ground water data end date: 1988-11-14  
 Ground water data count: 1

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1988-11-14	12	

B6  
 NNE  
 1/4 - 1/2 Mile  
 Higher

FED USGS USG63218074

Agency cd: USGS Site no: 461920120006901  
 Site name: 10N/22E-25M04  
 Latitude: 461920 Dec lat: 46.32207554  
 Longitude: 1200059 Coord meth: M  
 Dec lon: -120.01754309 Latlong datum: NAD27  
 Coord acc: T District: 53  
 Dec latlong datum: NAD83 County: 077  
 State: 53 Land net: NW SW 825 T10N R22E W  
 Country: US Map scale: Not Reported  
 Location map: Not Reported  
 Altitude: 9999.99 Altitude method: U  
 Altitude accuracy: 999 Altitude datum: NGVD29  
 Hydrologic: Lower Yakima, Washington. Area = 2950 sq.mi.  
 Topographic: Not Reported  
 Site type: Ground-water other than Spring Date construction: 19900808  
 Date inventoried: Not Reported Mean greenwich time offset: PST  
 Local standard time flag: Y  
 Type of ground water site: Single well, other than collector or Ranney type  
 Aquifer Type: Not Reported  
 Aquifer: Not Reported  
 Well depth: 30 Hole depth: 30  
 Source of depth data: driller Project number: WA00228  
 Real time data flag: 0 Daily flow data begin date: 0000-00-00  
 Daily flow data end date: 0000-00-00 Daily flow data count: 0  
 Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00  
 Peak flow data count: 0 Water quality data begin date: 0000-00-00  
 Water quality data end date: 0000-00-00 Water quality data count: 0  
 Ground water data begin date: 1990-08-08 Ground water data end date: 1990-08-08  
 Ground water data count: 1

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1990-08-08	16	

B7  
NNE  
1/4 - 1/2 Mile  
Lower

FED USGS USGS3218073

Agency cd:	USGS	Site no:	461920120005801
Site name:	10N/22E-25M03		
Latitude:	461920		
Longitude:	1200058	Dec lat:	46.32207555
Dec lon:	-120.0172653	Coord meth:	M
Coord acc:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	53
State:	53	County:	077
Country:	US	Land net:	NW SW S25 T10N R22E W
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	9999.99	Altitude method:	U
Altitude accuracy:	999	Altitude datum:	NGVD29
Hydrologic:	Lower Yakima, Washington, Area = 2950 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19900808
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	30	Well depth:	30
Source of depth data:	driller	Project number:	WA00228
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1990-08-08	Ground water data end date:	1990-08-08
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1990-08-08	18	

B  
SSW  
1/4 - 1/2 Mile  
Lower

FED USGS USGS3218140



Agency cd: USGS Site no: 461840120011801  
 Site name: 10N/22E-35H01  
 Latitude: 461840 Dec lat: 46.31096439  
 Longitude: 1200118 Coord meth: M  
 Dec lon: -120.02282098 Latlong datum: NAD27  
 Coord acc: T District: 53  
 Dec latlong datum: NAD83 County: 077  
 State: 53 Land use: SE NE S35 T10N R22E W  
 Country: US Map scale: Not Reported  
 Location map: Not Reported Altitude method: U  
 Altitude: 9999.99 Altitude datum: NGVD29  
 Altitude accuracy: 999  
 Hydrologic: Lower Yakima, Washington. Area = 2950 sq.ml.  
 Topographic: Not Reported  
 Site type: Ground-water other than Spring Date construction: 19841126  
 Date inventoried: 19841215 Mean greenwich time offset: PST  
 Local standard time flag: Y  
 Type of ground water site: Single well, other than collector or Ranney type  
 Aquifer type: Not Reported  
 Aquifer: UNCLASSIFIED OVERBURDEN  
 Well depth: 82 Hole depth: 82  
 Source of depth data: driller Project number: WA00228  
 Real time data flag: 0 Daily flow data begin date: 0000-00-00  
 Daily flow data end date: 0000-00-00 Daily flow data count: 0  
 Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00  
 Peak flow data count: 0 Water quality data begin date: 0000-00-00  
 Water quality data end date: 0000-00-00 Water quality data count: 0  
 Ground water data begin date: 1984-11-28 Ground water data end date: 1984-11-26  
 Ground water data count: 1

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1984-11-26	30	

C9  
 NE  
 1/4 - 1/2 Mile  
 Lower

FED USGS USG63218067

Agency cd: USGS Site no: 461917120004802  
 Site name: 10N/22E-25L01  
 Latitude: 461917 Dec lat: 46.32124224  
 Longitude: 1200048 Coord meth: G  
 Dec lon: -120.01448739 Latlong datum: NAD27  
 Coord acc: F District: 53  
 Dec latlong datum: NAD83 County: 077  
 State: 53 Land use: NE SW S25 T10N R22E W  
 Country: US Map scale: 24000  
 Location map: SUNNYSIDE Altitude method: M  
 Altitude: 735 Altitude datum: NGVD29  
 Altitude accuracy: 10  
 Hydrologic: Lower Yakima, Washington. Area = 2950 sq.ml.  
 Topographic: Not Reported  
 Site type: Ground-water other than Spring Date construction: 192908  
 Date inventoried: 20000913 Mean greenwich time offset: PST



Local standard time flag: Y  
 Type of ground water site: Single well, other than collector or Ranney type  
 Aquifer Type: Not Reported  
 Aquifer: Not Reported  
 Well depth: 833  
 Source of depth data: Not Reported  
 Real time data flag: 0  
 Daily flow data end date: 0000-00-00  
 Peak flow data begin date: 0000-00-00  
 Peak flow data count: 0  
 Water quality data end date: 0000-00-00  
 Ground water data begin date: 1938-10-11  
 Ground water data count: 3  
 Hole depth: 833  
 Project number: WA43900  
 Daily flow data begin date: 0000-00-00  
 Daily flow data count: 0  
 Peak flow data end date: 0000-00-00  
 Water quality data begin date: 0000-00-00  
 Water quality data count: 0  
 Ground water data end date: 1944-01-01

Ground-water levels, Number of Measurements: 3

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1944-01-01	18		1944-01-01	76	
1938-10-11	33				

C10  
 NE  
 1/4 - 1/2 Mile  
 Lower

FED USGS USGS3218066

Agency cd: USGS  
 Site name: 10N/22E-25L02  
 Latitude: 461917  
 Longitude: 1200048  
 Dec lon: -120.01448739  
 Coord acc: F  
 Dec lat/long datum: NAD83  
 State: 53  
 Country: US  
 Location map: SUNNYSIDE  
 Altitude: 735  
 Altitude accuracy: 10  
 Hydrologic: Lower Yakima, Washington. Area = 2950 sq.mi.  
 Topographic: Not Reported  
 Site type: Ground-water other than Spring  
 Date inventoried: 20000913  
 Local standard time flag: Y  
 Type of ground water site: Single well, other than collector or Ranney type  
 Aquifer Type: Not Reported  
 Aquifer: Not Reported  
 Well depth: 166  
 Source of depth data: owner  
 Real time data flag: 0  
 Daily flow data end date: 0000-00-00  
 Peak flow data begin date: 0000-00-00  
 Peak flow data count: 0  
 Water quality data end date: 0000-00-00  
 Ground water data begin date: 1938-10-11  
 Ground water data count: 3  
 Site no: 461917120004801  
 Dec lat: 46.32124224  
 Coord meth: G  
 Lat/long datum: NAD27  
 District: 53  
 County: 077  
 Land net: NE SW S25 T10N R22E W  
 Map scale: 24000  
 Altitude method: M  
 Altitude datum: NGVD29  
 Date construction: 1909  
 Mean greenwich time offset: PST  
 Hole depth: 166  
 Project number: WA43900  
 Daily flow data begin date: 0000-00-00  
 Daily flow data count: 0  
 Peak flow data end date: 0000-00-00  
 Water quality data begin date: 0000-00-00  
 Water quality data count: 0  
 Ground water data end date: 1944-01-01



Ground-water levels, Number of Measurements: 3

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1944-01-01	13				
1944-01-01	83				
Note: The site was being pumped.					
1938-10-11	8				

11  
East  
1/2 - 1 Mile  
Lower

FED USGS USGS3218180

Agency cd:	USGS	Site no:	461859120002901
Site name:	10N/22E-36B01		
Latitude:	461859		
Longitude:	1200029	Dec lat:	46.31624228
Dec lon:	-120.00920934	Coord meth:	M
Coord accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	53
State:	53	County:	077
Country:	US	Land net:	NW NE S36 T10N R22E W
Location map:	SUNNYSIDE	Map scale:	24000
Altitude:	732.99	Altitude method:	L
Altitude accuracy:	.01	Altitude datum:	NGVD29
Hydrologic:	Lower Yakima, Washington. Area = 2950 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Data construction:	19010101
Date inventoried:	19580430	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	21.5	Hole depth:	Not Reported
Source of depth data:	driller	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1958-04-30	Ground water data end date:	1958-04-30
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1958-04-30	6.3	

D12  
North  
1/2 - 1 Mile  
Lower

WA WELLS WAA1000763



Pwrid: 85400  
 Pwrcid: 8540005  
 Systemtype: Community  
 Sourcetype: Well  
 Region: Eastern  
 County: YAKIMA  
 Contadd2: 818 E Edison  
 Contcity: Sunnyside  
 Contzipcd: 98944  
 Capacity: 700  
 Treated: Not Reported  
 Whipatype: Not Reported  
 Latitude: 48.325019  
 Longitude: -120.019884  
 LImethod: GPS

Snum: 05  
 Systemname: SUNNYSIDE, CITY OF  
 Sourcename: Well #5  
 Sourcelabe: S05 / Well #5  
 Wria: 37  
 Contadd1: Not Reported  
 Contphone: (509) 837-5206  
 Contstate: WA  
 Usecode: Emergency.  
 Suscept: Low  
 Doewellid: Not Reported

D13  
North  
1/2 - 1 Mile  
Lower

FED USGS USG83218086

Agency cd: USGS  
 Site name: 10N/22E-25E01  
 Latitude: 481931.44  
 Longitude: 1200103.33  
 Dec lon: -120.01874595  
 Coor acor: 5  
 Dec latlong datum: NAD83  
 State: 53  
 Country: US  
 Location map: SUNNYSIDE  
 Altitude: 735  
 Altitude accuracy: 10  
 Hydrologic: Lower Yakima, Washington. Area = 2950 sq.mi.  
 Topographic: Not Reported  
 Site type: Ground-water other than Spring  
 Date inventoried: 20000913  
 Local standard time flag: Y  
 Type of ground water site: Single well, other than collector or Ranney type  
 Aquifer Type: Not Reported  
 Aquifer: Not Reported  
 Well depth: 461  
 Source of depth data: owner  
 Real time data flag: 0  
 Daily flow data end date: 0000-00-00  
 Peak flow data begin date: 0000-00-00  
 Peak flow data count: 0  
 Water quality data end date: 1971-09-23  
 Ground water data begin date: 1953-12-23  
 Ground water data count: 5

Site no: 461930120010701  
 Dec lat: 48.32525331  
 Coor meth: G  
 Latlong datum: NAD27  
 District: 53  
 County: 077  
 Land net: SE NW S25 T10N R22E W  
 Map scale: 24000  
 Altitude method: M  
 Altitude datum: NGVD29  
 Date construction: 19531223  
 Mean greenwich time offset: PST  
 Hole depth: 461  
 Project number: WA43900  
 Daily flow data begin date: 0000-00-00  
 Daily flow data count: 0  
 Peak flow data end date: 0000-00-00  
 Water quality data begin date: 1970-12-01  
 Water quality data count: 3  
 Ground water data end date: 2002-03-12

Ground-water levels, Number of Measurements: 5

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2002-03-12	25.95		2001-03-21	18.73	
2000-09-13	33.68		1994-04-10	88.0	
1953-12-23					

Note: The site was flowing, but the head could not be measured without additional equipment.



Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

E14  
WSW  
1/2 - 1 Mile  
Higher

FED USGS USGS3218144

Agency cd:	USGS	Site no:	461841120015401
Site name:	10N/22E-35F03		
Latitude:	461841	Dec lat:	46.31124209
Longitude:	1200154	Coord meth:	M
Dec lon:	-120.03282139	Latlong datum:	NAD27
Coord accur:	T	District:	53
Dec latlong datum:	NAD83	County:	077
State:	53	Land use:	SE NW S35 T10N R22E W
Country:	US	Map scale:	Not Reported
Location map:	Not Reported	Altitude method:	U
Altitude:	9999.99	Altitude datum:	NGVD29
Altitude accuracy:	999		
Hydrologic:	Lower Yakima, Washington, Area = 2950 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19891108
Date inventoried:	19891114	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	111	Hole depth:	111
Source of depth data:	driller	Project number:	WA00228
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1989-11-14	Ground water data end date:	1989-11-14
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1989-11-14	3	

15  
NNW  
1/2 - 1 Mile  
Lower

WA WELLS WAB1002199

Pwsid:	18236	Srnum:	01
Pwsarid:	1823601	Systemname:	ORIN DAYTON WATER USERS
Systemtype:	Group B	Sourcenam:	Well #1
Sourcetype:	Well	Sourcelab:	S01 / Well #1
Region:	Eastern	Wria:	37
County:	YAKIMA	Contadd1:	BANK OF AMERICA
Contadd2:	PO BOX 34029	Contphone:	(206) 358-8918
Contcity:	SEATTLE	Contstate:	WA
Contzipcd:	981241029	Usecode:	Permanent
Capacity:	11		
Treated:	Not Reported	Suscept:	Not Rated
Whpatype:	Not Reported	Doewellid:	Not Reported
Latitude:	46.3258		
Longitude:	-120.027		
Lmethod:	Quarter Quarter Section		



Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

16      FED USGS      USG83217882  
 North  
 1/2 - 1 Mile  
 Lower

Agency cd:	USGS	Site no:	461846120021301
Site name:	10N/22E-26H01		
Latitude:	461938.0		
Longitude:	1200109.3	Dec lat:	46.32707552
Dec lon:	-120.02040438	Coor meth:	G
Coor accr:	5	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	53
State:	53	County:	077
Country:	US	Land net:	SE NE S26 T10N R22E W
Location map:	SUNNYSIDE	Map scale:	24000
Altitude:	760	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	Lower Yakima, Washington. Area = 2850 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19870926
Date inventoried:	20010905	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	UNCLASSIFIED OVERBURDEN		
Well depth:	200	Hole depth:	200
Source of depth data:	driller	Project number:	WA43900
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1987-09-30	Ground water data end date:	2001-09-05
Ground water data count:	2		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
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2001-09-05  
 Note: An obstruction was encountered in the well above the water surface (no water level recorded).  
 1987-09-30    6

E17  
 WSW  
 1/2 - 1 Mile  
 Lower

FED USGS      USG83218141





Agency cd: USGS Site no: 401840120015401  
 Site name: 10N/22E-35F02  
 Latitude: 461840 Dec lat: 46.31096431  
 Longitude: 1200154 Coord meth: M  
 Dec lon: -120.03282138 Latlong datum: NAD27  
 Coord acqr: T District: 53  
 Dec latlong datum: NAD83 County: 077  
 State: 53 Land use: SE NW S35 T10N R22E W  
 Country: US Map scale: Not Reported  
 Location map: Not Reported Altitude method: U  
 Altitude: 9999.99 Altitude datum: NGVD29  
 Altitude accuracy: 999 Hydrologic: Lower Yakima, Washington. Area = 2950 sq.mi.  
 Topographic: Not Reported  
 Site type: Ground-water other than Spring Date construction: 19830731  
 Date inventoried: 19830825 Mean greenwch time offset: PST  
 Local standard time flag: Y  
 Type of ground water site: Single well, other than collector or Ranney type  
 Aquifer Type: Not Reported  
 Aquifer: UNCLASSIFIED OVERBURDEN  
 Well depth: 125 Hole depth: 125  
 Source of depth data: driller Project number: WA00228  
 Real time data flag: 0 Daily flow data begin date: 0000-00-00  
 Daily flow data end date: 0000-00-00 Daily flow data count: 0  
 Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00  
 Peak flow data count: 0 Water quality data begin date: 0000-00-00  
 Water quality data end date: 0000-00-00 Water quality data count: 0  
 Ground water data begin date: 1983-08-22 Ground water data end date: 1983-08-22  
 Ground water data count: 1

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1983-08-22	48	

18  
 NE  
 1/2 - 1 Mile  
 Lower

FRDS PWS WA5326036

PWS ID: WA5326036 PWS Status: Active  
 Date Initiated: Not Reported Date Deactivated: Not Reported  
 PWS Name: SUNNYVALLEY GRANGE #870  
 SUNNYSIDE, WA 98944

Addressee / Facility: Not Reported

Facility Latitude: 46 19 26 Facility Longitude: 120 00 27  
 City Served: Not Reported  
 Treatment Class: Treated Population: 00000030

PWS currently has or had major violation(s) or enforcement: Yes

Violations information not reported.

ENFORCEMENT INFORMATION:

System Name: SUNNYVALLEY GRANGE 870  
 Violation Type: Monitoring, Routine Major (TCR)  
 Contaminant: COLIFORM (TCR)  
 Compliance Period: 1998-09-01 - 1998-09-30 Analytical Value: 0000000.000000000  
 Violation ID: 98001077 Enforcement ID: 98000041  
 Enforcement Date: 1998-09-30 Enf. Action: State Violation/Reminder Notice



**ENFORCEMENT INFORMATION:**

System Name:	SUNNYVALLEY GRANGE 870	Analytical Value:	000000.00000000
Violation Type:	Monitoring, Routine Major (TCR)	Enforcement ID:	Not Reported
Contaminant:	COLIFORM (TCR)	Enf. Action:	Not Reported
Compliance Period:	1998-09-01 - 1998-09-30		
Violation ID:	98075882		
Enforcement Date:	Not Reported		
System Name:	SUNNYVALLEY GRANGE 870	Analytical Value:	000000.00000000
Violation Type:	Monitoring, Routine Major (TCR)	Enforcement ID:	Not Reported
Contaminant:	COLIFORM (TCR)	Enf. Action:	Not Reported
Compliance Period:	1998-02-01 - 1998-02-28		
Violation ID:	98075883		
Enforcement Date:	Not Reported		

E19  
WSW  
1/2 - 1 Mile  
Lower

FED USGS USG83218142

Agency cd:	USGS	Site no:	461840120015501
Site name:	10N/22E-35F01		
Latitude:	461840	Dec lat:	46.31096431
Longitude:	1200165	Coord meth:	M
Dec lon:	-120.03309917	Latlong datum:	NAD27
Coord acc:	T	District:	53
Dec latlong datum:	NAD83	County:	077
State:	53	Land net:	SE NW S35 T10N R22E W
Country:	US	Map scale:	Not Reported
Location map:	Not Reported	Altitude method:	U
Altitude:	9999.99	Altitude datum:	NGVD29
Altitude accuracy:	999		
Hydrologic:	Lower Yakima, Washington. Area = 2950 sq.mil.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19780322
Date inventoried:	19780405	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	106	Hole depth:	106
Source of depth data:	driller	Project number:	WA00228
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1978-03-23	Ground water data end date:	1978-03-23
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1978-03-23	35	



Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

20  
NW  
1/2 - 1 Mile  
Higher

FED USGS U8G83218084

Agency cd: USGS Site no: 461929120014601  
Site name: 10N/22E-26G01  
Latitude: 461928.9 Dec lat: 46.32454766  
Longitude: 1200145.7 Coord meth: G  
Dec lon: -120.03051589 Latlong datum: NAD27  
Coord accur: 5 District: 53  
Dec latlong datum: NAD83 County: 077  
State: 53 Land net: S26 T10N R22E W  
Country: US Map scale: 24000  
Location map: SUNNYSIDE Altitude method: M  
Altitude: 280 Altitude datum: NGVD29  
Altitude accuracy: 5  
Hydrologic: Lower Yakima, Washington. Area = 2950 sq.mi.  
Topographic: Flat surface  
Site type: Ground-water other than Spring Date construction: 19920203  
Date inventoried: 20000914 Mean greenwich time offset: PST  
Local standard time flag: Y  
Type of ground water site: Single well, other than collector or Ranney type  
Aquifer Type: Not Reported  
Aquifer: Not Reported  
Well depth: 111 Hole depth: 111  
Source of depth data: driller Project number: WA43900  
Real time data flag: 0 Daily flow data begin date: 0000-00-00  
Daily flow data end date: 0000-00-00 Daily flow data count: 0  
Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00  
Peak flow data count: 0 Water quality data begin date: 0000-00-00  
Water quality data end date: 0000-00-00 Water quality data count: 0  
Ground water data begin date: 1992-02-04 Ground water data end date: 2002-03-12  
Ground water data count: 5

Ground-water levels, Number of Measurements: 5

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2002-03-12	27.98		2001-08-30	27.84	
2001-03-19	29.06		2000-09-14	29.27	
1992-02-04	25				

F21  
SSE  
1/2 - 1 Mile  
Lower

FED USGS U8G83218117



Agency cd: USGS Site no: 461827120003901  
Site name: 10N/22E-36L01  
Latitude: 461827 Dec lat: 46.30735337  
Longitude: 1200039 Coord meth: M  
Dec lon: -120.01198713 Latlong datum: NAD27  
Coord acc: T District: 53  
Dec latlong datum: NAD83 County: 077  
State: 53 Land net: NE SW S36 T10N R22E W  
Country: US Map scale: Not Reported  
Location map: Not Reported Altitude method: U  
Altitude: 9999.99 Altitude datum: NGVD29  
Altitude accuracy: 999  
Hydrologic: Lower Yakima, Washington. Area = 2950 sq.mi.  
Topographic: Not Reported  
Site type: Ground-water other than Spring Date construction: 19800426  
Date inventoried: 19800512 Mean greenwich time offset: PST  
Local standard time flag: Y  
Type of ground water site: Single well, other than collector or Ranney type  
Aquifer Type: Not Reported  
Aquifer: Not Reported  
Well depth: 100 Hole depth: 100  
Source of depth data: driller Project number: WA00228  
Real time data flag: 0 Daily flow data begin date: 0000-00-00  
Daily flow data end date: 0000-00-00 Daily flow data count: 0  
Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00  
Peak flow data count: 0 Water quality data begin date: 0000-00-00  
Water quality data end date: 0000-00-00 Water quality data count: 0  
Ground water data begin date: 1980-04-28 Ground water data end date: 1980-04-28  
Ground water data count: 1

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
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1980-04-28	46	
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F22  
SSE  
1/2 - 1 Mile  
Lower

FED USGS USGS3218116

Agency cd: USGS Site no: 461827120003801  
Site name: 10N/22E-36L02  
Latitude: 461827 Dec lat: 46.30735337  
Longitude: 1200038 Coord meth: M  
Dec lon: -120.01170934 Latlong datum: NAD27  
Coord acc: T District: 53  
Dec latlong datum: NAD83 County: 077  
State: 53 Land net: NE SW S36 T10N R22E W  
Country: US Map scale: Not Reported  
Location map: Not Reported Altitude method: U  
Altitude: 9999.99 Altitude datum: NGVD29  
Altitude accuracy: 999  
Hydrologic: Lower Yakima, Washington. Area = 2950 sq.mi.  
Topographic: Not Reported  
Site type: Ground-water other than Spring Date construction: 19800429  
Date inventoried: 19800517 Mean greenwich time offset: PST



Local standard time flag: Y  
 Type of ground water site: Single well, other than collector or Ranney type  
 Aquifer Type: Not Reported  
 Aquifer: UNCLASSIFIED OVERBURDEN  
 Well depth: 101 Hole depth: 101  
 Source of depth data: driller Project number: WA00228  
 Real time data flag: Not Reported Daily flow data begin date: Not Reported  
 Daily flow data end date: Not Reported Daily flow data count: Not Reported  
 Peak flow data begin date: Not Reported Peak flow data end date: Not Reported  
 Peak flow data count: Not Reported Water quality data begin date: Not Reported  
 Water quality data end date: Not Reported Water quality data count: Not Reported  
 Ground water data begin date: Not Reported Ground water data end date: Not Reported  
 Ground water data count: Not Reported

Ground-water levels, Number of Measurements: 0

23  
 North  
 1/2 - 1 Mile  
 Lower

FED USGS USGS3218110

Agency cd: USGS Site no: 461939120005801  
 Site name: 10N/22E-25OE1  
 Latitude: 461939 Dec lat: 46.32735332  
 Longitude: 1200058 Coor meth: M  
 Dec lon: -120.01726536 Lat long datum: NAD27  
 Coor acc: T District: 53  
 Dec lat long datum: NAD83 County: 077  
 State: 53 Land net: NW S25 T10N R22E W  
 Country: US Map scale: Not Reported  
 Location map: Not Reported Altitude method: U  
 Altitude: 9999.99 Altitude datum: NGVD29  
 Altitude accuracy: 999  
 Hydrologic: Lower Yakima, Washington. Area = 2950 sq.mi.  
 Topographic: Not Reported  
 Site type: Ground-water other than Spring Date construction: 19830524  
 Date inventoried: Not Reported Mean greenwich time offset: PST  
 Local standard time flag: Y  
 Type of ground water site: Single well, other than collector or Ranney type  
 Aquifer Type: Not Reported  
 Aquifer: UNCLASSIFIED OVERBURDEN  
 Well depth: 208 Hole depth: 208  
 Source of depth data: driller Project number: WA00228  
 Real time data flag: 0 Daily flow data begin date: 0000-00-00  
 Daily flow data end date: 0000-00-00 Daily flow data count: 0  
 Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00  
 Peak flow data count: 0 Water quality data begin date: 0000-00-00  
 Water quality data end date: 0000-00-00 Water quality data count: 0  
 Ground water data begin date: 1983-06-03 Ground water data end date: 1983-06-03  
 Ground water data count: 1

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1983-06-03	6	



Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

G24  
NNE  
1/2 - 1 Mile  
Lower

FED USGS USGS3218095

Agency cd:	USGS	Site no:	461934120003701
Site name:	10N/22E-25F01		
Latitude:	461934		
Longitude:	1200037	Dec lat:	46.32596448
Dec lon:	-120.01143176	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	53
State:	53	County:	077
Country:	US	Land net:	SE NW S26 T10N R22E W
Location map:	SUNNYSIDE	Map scale:	24000
Altitude:	745	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	Lower Yakima, Washington. Area = 2950 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19460105
Date inventoried:	20000913	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	1570	Hole depth:	1570
Source of depth data:	owner	Project number:	WA43900
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1970-10-06
Water quality data end date:	1970-12-01	Water quality data count:	2
Ground water data begin date:	1947-03-15	Ground water data end date:	1985-10-03
Ground water data count:	94		

Ground-water levels, Number of Measurements: 94

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1985-10-03	201				
Note: The site was being pumped.					
1985-03-22	71		1984-02-28	73	
1983-03-17	68		1981-04-15	68.4	
1981-02-03	72.3		1980-12-09	69.1	
1980-10-09	81.0		1980-09-06	76.7	
1980-07-07	70.3		1980-05-07	80.5	
1980-03-12	64.9		1979-12-17	69.6	
1979-10-10	77.3				
1979-08-07					
Note: The site was being pumped.					
1979-04-30	62.0		1979-02-27	60.0	
1978-12-20	62.6		1978-11-01	65.4	
1978-09-21	66.3		1978-07-27	67.5	
1978-06-19	65.1		1978-03-14	57.9	
1978-01-11	59.7		1977-12-06	61.9	
1977-09-15	70.7		1977-07-05	68.7	
1977-05-09	60.01		1977-03-18	60.8	

**GROUNDWATER LEVELS, CONTINUED**

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1977-01-19	62.6	
1976-10-19	67.8	
1976-06-23	67.9	
1976-01-07	59.3	
1975-09-12	67.5	
1975-05-19	65.5	
1975-01-30	59.9	
1974-10-04	66.4	
1974-06-13	77.8	
1974-01-02	19.7	
1973-09-21	63	
1973-07-31	122	
Note: The site was being pumped.		
1973-07-13	122	
Note: The site was being pumped.		
1973-05-30	117	
Note: The site was being pumped.		
1973-04-06	57	
1972-12-13	41.2	
1972-08-24	60	
1972-07-06	115.0	
Note: The site was being pumped.		
1972-05-18	90.22	
1972-02-08	37.1	
1971-11-02	59.8	
1971-08-06	75.10	
1971-05-10	61.0	
1971-02-22	56.7	
1970-11-30	58.08	
1970-08-31	72.39	
1970-06-01	63.16	
1970-03-19	63.88	
1969-12-30	66.6	
1969-10-17	65.5	
1969-07-30	79.80	
1969-05-19	59.70	
1969-02-24	63.44	
1968-10-02	65.05	
1968-07-10	71.98	
1947-03-15	74	

Date	Feet below Surface	Feet to Sealevel
1976-12-01	64.9	
1976-08-25	61.7	
1976-03-04	59.4	
1975-11-04	63.4	
1975-07-16	67.8	
1975-03-28	62.5	
1974-11-25	63.0	
1974-08-06	71.1	
1974-03-15	58.5	
1973-11-16	61.7	
1973-02-07	59	
1972-10-20	58	
1972-03-29	56.9	
1971-12-21	57.15	
1971-09-22	61.6	
1971-06-21	61.74	
1971-04-05	58.02	
1971-01-16	57.8	
1970-10-14	61.70	
1970-07-20	76.22	
1970-04-22	61.07	
1970-02-16	60.7	
1969-11-25	67.8	
1969-09-09	72.37	
1969-06-27	66.80	
1969-04-09	61.45	
1968-12-30	61.83	
1968-08-26	75.28	
1968-05-31	62.16	

25  
WSW  
1/2 - 1 Mile  
Higher

FED USGS USGS3218157

**GROUND-WATER MONITORING POINTS OF INTEREST SUMMARY**

Agency cd:	USGS	Site no:	461847120020501
Site name:	10N/22E-35NW1		
Latitude:	461847		
Longitude:	1200205	Dec lat:	46.31290873
Dec lon:	-120.03587709	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	53
State:	53	County:	077
Country:	US	Land net:	NW S35 T10N R22E W
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	9999.99	Altitude method:	U
Altitude accuracy:	999	Altitude datum:	NGVD29
Hydrologic:	Lower Yakima, Washington. Area = 2950 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19850812
Date inventoried:	19850902	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	COLUMBIA BASALT GROUP		
Well depth:	205	Hole depth:	205
Source of depth data:	driller	Project number:	WA00228
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1985-09-03	Ground water data end date:	1985-09-03
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1985-09-03	140	

**G26**  
**NNE**  
 1/2 - 1 Mile  
 Lower

**FED USGS USGS3218104**

Agency cd:	USGS	Site no:	461937120003601
Site name:	10N/22E-25F03		
Latitude:	461937.2		
Longitude:	1200036.2	Dec lat:	46.32885337
Dec lon:	-120.01120954	Coor meth:	G
Coor accr:	5	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	53
State:	53	County:	077
Country:	US	Land net:	SE NW S26 T10N R22E W
Location map:	SUNNYSIDE	Map scale:	24000
Altitude:	748	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	Lower Yakima, Washington. Area = 2950 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20000913	Mean greenwich time offset:	PST





Local standard time flag: Y  
Type of ground water site: Single well, other than collector or Ranney type  
Aquifer Type: Not Reported  
Aquifer: Not Reported  
Well depth: Not Reported  
Source of depth data: Not Reported  
Real time data flag: 0  
Daily flow data end date: 0000-00-00  
Peak flow data begin date: 0000-00-00  
Peak flow data count: 0  
Water quality data end date: 2000-09-27  
Ground water data begin date: 2000-09-13  
Ground water data count: 1  
Hole depth: Not Reported  
Project number: WA43900  
Daily flow data begin date: 0000-00-00  
Daily flow data count: 0  
Peak flow data end date: 0000-00-00  
Water quality data begin date: 2000-09-27  
Water quality data count: 1  
Ground water data end date: 2000-09-13

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
2000-09-13	240	

G27  
NNE  
1/2 - 1 Mile  
Lower

WA WELLS WAA1000766

Pwssid:	85400	Srnum:	10
Pwssrcid:	8540010	Systemname:	SUNNYSIDE, CITY OF
Systemtype:	Community	Sourcename:	Well #10 - AFL815
Sourcetype:	Well	Sourcelab:	S10 / Well #10 - AFL815
Region:	Eastern	Wria:	37
County:	YAKIMA	Contadd1:	Not Reported
Contadd2:	818 E Edison	Contphone:	(509) 837-5208
Contcity:	Sunnyside	Contstate:	WA
Contzipcd:	98944	Usecode:	Emergency
Capacity:	1000	Suscept:	Low
Treated:	Not Reported	Doewellid:	AFL815
Whpatype:	Not Reported		
Latitude:	46.326832		
Longitude:	-120.011156		
Llmethod:	GPS		

G28  
NNE  
1/2 - 1 Mile  
Lower

FED USGS USGS3218098

Agency cd:	USGS	Site no:	481934120003702
Site name:	10N/22E-25F02	Dec lat:	46.32679782
Latitude:	481937	Coor meth:	M
Longitude:	1200035	Latlong datum:	NAD27
Dec lon:	-120.01087819	District:	53
Coor acsr:	S	County:	077
Dec latlong datum:	NAD83	Land net:	SE NW S25 T10N R22E W
State:	53	Map scale:	24000
Country:	US		
Location map:	SUNNYSIDE		

**GROUND-WATER DATA SUMMARY REPORT**

Altitude:	745	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	Lower Yakima, Washington. Area = 2950 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19420801
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	SADDLE MNT BASALT OF YAKIMA, SUBGROUP OF COLUMBIA RIVER BASALT GROUP		
Well depth:	1180	Hole depth:	1162
Source of depth data:	other reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1982-08-19
Water quality data end date:	1983-07-19	Water quality data count:	3
Ground water data begin date:	1942-06-01	Ground water data end date:	1985-03-22
Ground water data count:	2		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1985-03-22	96				
Note: The site was being pumped.					
1942-06-01	13				

29  
SW  
1/2 - 1 Mile  
Lower

WA WELLS WAB1002160

Pwld:	02583	Srnum:	01
Pwsrcd:	0258301	Systemname:	McBride Water System
Systemtype:	Group B	Sourcenams:	Well #1
Source type:	Well	Sourcelabe:	S01 / Well #1
Region:	Eastern	Wria:	37
County:	YAKIMA	Contadd1:	Not Reported
Contadd2:	801 Sandy Ln	Contiphone:	(509) 839-3122
Contcity:	Sunnyside	Contstate:	WA
Contzipcd:	98944	Usecode:	Permanent
Capacity:	25		
Treated:	Not Reported	Suscapt:	Not Rated
Whpatype:	Not Reported	Doewellid:	Not Reported
Latitude:	46.30771		
Longitude:	-120.032		
Limethod:	Quarter Quarter Section		

H30  
North  
1/2 - 1 Mile  
Lower

FED USGS USG83217988

**GROUND-WATER PHYSICAL CHARACTERISTICS AND FINDINGS**

Agency cd:	USGS	Site no:	461944120005901
Site name:	10N/22E-25D07		
Latitude:	461944	Dec lat:	46.32874221
Longitude:	1200059	Coor meth:	M
Dec lon:	-120.01754316	Latlong datum:	NAD27
Coor acor:	T	District:	53
Dec latlong datum:	NAD83	County:	077
State:	53	Land net:	NW NW S25 T10N R22E W
Country:	US	Map scale:	Not Reported
Location map:	Not Reported	Altitude method:	U
Altitude:	9999.99	Altitude datum:	NGVD29
Altitude accuracy:	999		
Hydrologic:	Lower Yakima, Washington. Area = 2950 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19890217
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	25
Source of depth data:	driller	Project number:	WA00228
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

H31  
North  
1/2 - 1 Mile  
Lower

FED USGS USG53217867

Agency cd:	USGS	Site no:	461944120005801
Site name:	10N/22E-25D08		
Latitude:	461944	Dec lat:	46.32874221
Longitude:	1200058	Coor meth:	M
Dec lon:	-120.01726537	Latlong datum:	NAD27
Coor acor:	T	District:	53
Dec latlong datum:	NAD83	County:	077
State:	53	Land net:	NW NW S25 T10N R22E W
Country:	US	Map scale:	Not Reported
Location map:	Not Reported	Altitude method:	U
Altitude:	9999.99	Altitude datum:	NGVD29
Altitude accuracy:	999		
Hydrologic:	Lower Yakima, Washington. Area = 2950 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19890217
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	UNCLASSIFIED OVERBURDEN		
Well depth:	20	Hole depth:	37
Source of depth data:	driller	Project number:	WA00228
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

**GEOLOGIC AND PHYSICAL SETTING SOURCE OF WATER FINDINGS**

Peak flow data count: 0	Water quality data begin date: 0000-00-00
Water quality data end date: 0000-00-00	Water quality data count: 0
Ground water data begin date: 1989-03-22	Ground water data end date: 1989-03-22
Ground water data count: 1	

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1989-03-22	12	

H32  
North  
1/2 - 1 Mile  
Lower

FED USGS USGS3217988

Agency cd:	USGS	Site no:	481944120005701
Site name:	10N/22E-25D09		
Latitude:	481944	Dec lat:	48.32874222
Longitude:	1200057	Coord meth:	M
Dec lon:	-120.01698758	Latlong datum:	NAD27
Coord accur:	T	District:	53
Dec latlong datum:	NAD83	County:	077
State:	53	Land net:	NW NW S26 T10N R22E W
Country:	US	Map scale:	Not Reported
Location map:	Not Reported	Altitude method:	U
Altitude:	9999.99	Altitude datum:	NGVD29
Altitude accuracy:	999		
Hydrologic:	Lower Yakima, Washington, Area = 2950 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19890221
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	20	Hole depth:	20
Source of depth data:	driller	Project number:	WA00228
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1989-02-21	Ground water data end date:	1989-02-21
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1989-02-21	12	

H33  
North  
1/2 - 1 Mile  
Lower

FED USGS USGS3217985



Agency cd: USGS Site no: 461944120005601  
 Site name: 10N/22E-25D10  
 Latitude: 461944 Dec lat: 46.32874222  
 Longitude: 1200056 Coord meth: M  
 Dec lon: -120.01670979 Latlong datum: NAD27  
 Coord acc: T District: 53  
 Dec latlong datum: NAD83 County: 077  
 State: 53 Land net: NW NW S25 T10N R22E W  
 Country: US Map scale: Not Reported  
 Location map: Not Reported Altitude method: U  
 Altitude: 9999.99 Altitude datum: NGVD29  
 Altitude accuracy: 999  
 Hydrologic: Lower Yakima, Washington. Area = 2950 sq.mi.  
 Topographic: Not Reported  
 Site type: Ground-water other than Spring Date construction: 19890223  
 Date inventoried: Not Reported Mean greenwich time offset: PST  
 Local standard time flag: Y  
 Type of ground water site: Single well, other than collector or Ranney type  
 Aquifer Type: Not Reported  
 Aquifer: Not Reported  
 Well depth: 20.5 Hole depth: 20.5  
 Source of depth data: drifter Project number: WA00228  
 Real time data flag: 0 Daily flow data begin date: 0000-00-00  
 Daily flow data end date: 0000-00-00 Daily flow data count: 0  
 Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00  
 Peak flow data count: 0 Water quality data begin date: 0000-00-00  
 Water quality data end date: 0000-00-00 Water quality data count: 0  
 Ground water data begin date: 1989-02-23 Ground water data end date: 1989-02-23  
 Ground water data count: 1

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1989-02-23	12	

H34  
 North  
 1/2 - 1 Mile  
 Lower

FED USGS USG93217975

Agency cd: USGS Site no: 461945120005901  
 Site name: 10N/22E-25D06  
 Latitude: 461945 Dec lat: 46.32901999  
 Longitude: 1200059 Coord meth: M  
 Dec lon: -120.01754317 Latlong datum: NAD27  
 Coord acc: T District: 53  
 Dec latlong datum: NAD83 County: 077  
 State: 53 Land net: NW NW S25 T10N R22E W  
 Country: US Map scale: Not Reported  
 Location map: Not Reported Altitude method: U  
 Altitude: 9999.99 Altitude datum: NGVD29  
 Altitude accuracy: 999  
 Hydrologic: Lower Yakima, Washington. Area = 2950 sq.mi.  
 Topographic: Not Reported  
 Site type: Ground-water other than Spring Date construction: 19890217  
 Date inventoried: Not Reported Mean greenwich time offset: PST



Local standard time flag: Y  
 Type of ground water site: Single well, other than collector or Ranney type  
 Aquifer Type: Not Reported  
 Aquifer: Not Reported  
 Well depth: 20  
 Source of depth data: driller  
 Real time data flag: 0  
 Daily flow data end date: 0000-00-00  
 Peak flow data begin date: 0000-00-00  
 Peak flow data count: 0  
 Water quality data end date: 0000-00-00  
 Ground water data begin date: 1989-02-17  
 Ground water data count: 1

Hole depth: 20  
 Project number: WA00228  
 Daily flow data begin date: 0000-00-00  
 Daily flow data count: 0  
 Peak flow data end date: 0000-00-00  
 Water quality data begin date: 0000-00-00  
 Water quality data count: 0  
 Ground water data end date: 1989-02-17

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1989-02-17	12	

H35  
 North  
 1/2 - 1 Mile  
 Lower

FED USGS USGS3217974

Agency cd: USGS  
 Site name: 10N/22E-25D01  
 Latitude: 461945  
 Longitude: 1200058  
 Dec lon: -120.01726538  
 Coord acc: T  
 Dec lat/long datum: NAD83  
 State: 53  
 Country: US  
 Location map: Not Reported  
 Altitude: 9999.99  
 Altitude accuracy: 999  
 Hydrologic: Lower Yakima, Washington. Area = 2950 sq.mi.  
 Topographic: Not Reported  
 Site type: Ground-water other than Spring  
 Date inventoried: Not Reported  
 Local standard time flag: Y  
 Type of ground water site: Single well, other than collector or Ranney type  
 Aquifer Type: Not Reported  
 Aquifer: Not Reported  
 Well depth: 20  
 Source of depth data: driller  
 Real time data flag: 0  
 Daily flow data end date: 0000-00-00  
 Peak flow data begin date: 0000-00-00  
 Peak flow data count: 0  
 Water quality data end date: 0000-00-00  
 Ground water data begin date: 1989-02-14  
 Ground water data count: 1

Site no: 461945120005801  
 Dec lat: 46.32801899  
 Coord meth: M  
 Lat/long datum: NAD27  
 District: 53  
 County: 077  
 Land net: NW NW S25 T10N R22E W  
 Map scale: Not Reported  
 Altitude method: U  
 Altitude datum: NGVD29  
 Date construction: 19890214  
 Mean greenwich time offset: PST

Hole depth: 21  
 Project number: WA00228  
 Daily flow data begin date: 0000-00-00  
 Daily flow data count: 0  
 Peak flow data end date: 0000-00-00  
 Water quality data begin date: 0000-00-00  
 Water quality data count: 0  
 Ground water data end date: 1989-02-14

**GEOCHECK: PHYSICAL SETTING, PHYSICAL MAP FINDINGS**

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
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1989-02-14	12	
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H36  
North  
1/2 - 1 Mile  
Lower

FED USGS USGS3217973

Agency cd:	USGS	Site no:	461945120005701
Site name:	10N/22E-25D02		
Latitude:	461945	Dec lat:	46.32901999
Longitude:	1200057	Coor meth:	M
Dec lon:	-120.01698769	Latlong datum:	NAD27
Coor acc:	T	District:	53
Dec latlong datum:	NAD83	County:	077
State:	53	Land net:	NW NW S25 T10N R22E W
Country:	US	Map scale:	Not Reported
Location map:	Not Reported	Altitude method:	U
Altitude:	9999.99	Altitude datum:	NGVD29
Altitude accuracy:	999		
Hydrologic:	Lower Yakima, Washington. Area = 2950 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19890214
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	20	Hole depth:	20
Source of depth data:	driller	Project number:	WA00228
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1989-02-14	Ground water data end date:	1989-02-14
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
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1989-02-14	12	
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I37  
North  
1/2 - 1 Mile  
Lower

FED USGS USGS3217976

Agency cd:	USGS	Site no:	461945120011801
Site name:	10N/22E-26A01		
Latitude:	461945.14	Dec lat:	46.32905883
Longitude:	1200118.83	Coor meth:	G
Dec lon:	-120.02305173	Latlong datum:	NAD27
Coor acor:	5	District:	63
Dec latlong datum:	NAD83	County:	077
State:	53	Land net:	NE NE S26 T10N R22E W
Country:	US	Map scale:	24000
Location map:	SUNNYSIDE	Altitude method:	M
Altitude:	745	Altitude datum:	NGVD29
Altitude accuracy:	5		
Hydrologic:	Lower Yakima, Washington. Area = 2950 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20000928	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported		
Source of depth data:	Not Reported		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Hole depth:	Not Reported
Peak flow data begin date:	0000-00-00	Project number:	WA43900
Peak flow data count:	0	Daily flow data begin date:	0000-00-00
Water quality data end date:	2000-09-28	Daily flow data count:	0
Ground water data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Ground water data count:	0	Water quality data begin date:	2000-09-28
		Water quality data count:	1
		Ground water data end date:	0000-00-00

Ground-water levels, Number of Measurements: 0

I38  
North  
1/2 - 1 Mile  
Lower

WA WELL5 WAA1000771

Pwslid:	85400	Srnum:	08
Pwssrld:	8540008	Systemname:	SUNNYSIDE, CITY OF
Systemtype:	Community	Sourcename:	Well #8 - AFL812
Sourcetype:	Well	Sourcecode:	S08 / Well #8 - AFL812
Region:	Eastern	Wria:	37
County:	YAKIMA	Contadd1:	Not Reported
Contadd2:	818 E Edison	Contphone:	(509) 837-5206
Contcity:	Sunnyside	Contstate:	WA
Contzipcd:	98944	Usecode:	Permanent
Capacity:	750		
Treated:	Not Reported	Suscept:	Low
Whpatype:	Not Reported	Doewellid:	AFL812
Latitude:	46.329102		
Longitude:	-120.022968		
Llmethod:	GPS		

H39  
North  
1/2 - 1 Mile  
Lower

FED USGS USGS3217950



**CIVIL ENGINEERING DIVISION**

Agency cd:	USGS	Site no:	461946120005901
Site name:	10N/22E-25D05		
Latitude:	461946	Dec lat:	46.32929777
Longitude:	1200059	Coor meth:	M
Dec lon:	-120.01754317	Latlong datum:	NAD27
Coor accr:	T	District:	53
Dec latlong datum:	NAD83	County:	077
State:	53	Land net:	NW NW S25 T10N R22E W
Country:	US	Map scale:	Not Reported
Location map:	Not Reported	Altitude method:	U
Altitude:	9999.99	Altitude datum:	NGVD29
Altitude accuracy:	999		
Hydrologic:	Lower Yakima, Washington, Area = 2950 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19890216
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	20	Hole depth:	20
Source of depth data:	driller	Project number:	WA00228
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1989-02-16	Ground water data end date:	1989-02-16
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1989-02-16	12	

H40  
North  
1/2 - 1 Mile  
Lower

FED USGS USGS3217979

Agency cd:	USGS	Site no:	461946120005801
Site name:	10N/22E-25D04		
Latitude:	461946	Dec lat:	46.32929777
Longitude:	1200058	Coor meth:	M
Dec lon:	-120.01728538	Latlong datum:	NAD27
Coor accr:	T	District:	53
Dec latlong datum:	NAD83	County:	077
State:	53	Land net:	NW NW S25 T10N R22E W
Country:	US	Map scale:	Not Reported
Location map:	Not Reported	Altitude method:	U
Altitude:	9999.99	Altitude datum:	NGVD29
Altitude accuracy:	999		
Hydrologic:	Lower Yakima, Washington, Area = 2950 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19890215
Date inventoried:	Not Reported	Mean greenwich time offset:	PST



Local standard time flag: Y  
Type of ground water site: Single well, other than collector or Ranney type  
Aquifer Type: Not Reported  
Aquifer: Not Reported  
Well depth: 20  
Source of depth data: driller  
Real time data flag: 0  
Daily flow data end date: 0000-00-00  
Peak flow data begin date: 0000-00-00  
Peak flow data count: 0  
Water quality data end date: 0000-00-00  
Ground water data begin date: 1989-02-15  
Ground water data count: 1

Hole depth: 20.5  
Project number: WA00228  
Daily flow data begin date: 0000-00-00  
Daily flow data count: 0  
Peak flow data end date: 0000-00-00  
Water quality data begin date: 0000-00-00  
Water quality data count: 0  
Ground water data end date: 1989-02-15

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1989-02-15	12	

H41  
North  
1/2 - 1 Mile  
Lower

FED USGS USG93217978

Agency cd: USGS  
Site name: 10N/22E-25D03  
Latitude: 461946  
Longitude: 1200057  
Dec lon: -120.01698759  
Coor accr: T  
Dec lat/long datum: NAD83  
State: 53  
Country: US  
Location map: Not Reported  
Altitude: 9999.99  
Altitude accuracy: 999  
Hydrologic: Lower Yakima, Washington. Area = 2950 sq.mi.  
Topographic: Not Reported  
Site type: Ground-water other than Spring  
Date inventoried: Not Reported  
Local standard time flag: Y  
Type of ground water site: Single well, other than collector or Ranney type  
Aquifer Type: Not Reported  
Aquifer: Not Reported  
Well depth: 20  
Source of depth data: driller  
Real time data flag: 0  
Daily flow data end date: 0000-00-00  
Peak flow data begin date: 0000-00-00  
Peak flow data count: 0  
Water quality data end date: 0000-00-00  
Ground water data begin date: 1989-02-15  
Ground water data count: 1

Site no: 461946120005701  
Dec lat: 46.32929777  
Coor meth: M  
Lat/long datum: NAD27  
District: 53  
County: 077  
Land nat: NW NW S25 T10N R22E W  
Map scale: Not Reported  
Altitude method: U  
Altitude datum: NGVD29  
Date construction: 19890215  
Mean greenwich time offset: PST

Hole depth: 21.5  
Project number: WA00228  
Daily flow data begin date: 0000-00-00  
Daily flow data count: 0  
Peak flow data end date: 0000-00-00  
Water quality data begin date: 0000-00-00  
Water quality data count: 0  
Ground water data end date: 1989-02-15



Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1989-02-15	12	

42  
WNW  
1/2 - 1 Mile  
Higher

FED USGS USGS3218072

Agency cd:	USGS	Site no:	461919120021401
Site name:	10N/22E-26M01		
Latitude:	461919		
Longitude:	1200214	Dec lat:	46.32179759
Dec lon:	-120.0383773	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	53
State:	53	County:	077
Country:	US	Land net:	NW SW S26 T10N R22E W
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	9999.99	Altitude method:	U
Altitude accuracy:	999	Altitude datum:	NGVD29
Hydrologic:	Lower Yakima, Washington. Area = 2950 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19870409
Date inventoried:	19870411	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	UNCLASSIFIED OVERBURDEN		
Well depth:	117	Hole depth:	118
Source of depth data:	driller	Project number:	WA00228
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1987-04-10	Ground water data end date:	1987-04-10
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1987-04-10	14	

43  
SSE  
1/2 - 1 Mile  
Lower

FED USGS USGS3218284



Agency cd: USGS Site no: 461814120003901  
Site name: 10N/22E-36P01  
Latitude: 461814  
Longitude: 1200039 Dec lat: 46.30374226  
Dec lon: -120.01198709 Coord meth: M  
Coord acc: T Latlong datum: NAD27  
Dec latlong datum: NAD83 District: 53  
State: 53 County: 077  
Country: US Land net: SE SW S36 T10N R22E W  
Location map: Not Reported Map scale: Not Reported  
Altitude: 9999.99 Altitude method: U  
Altitude accuracy: 000 Altitude datum: NGVD29  
Hydrologic: Lower Yakima, Washington. Area = 2950 sq.mi.  
Topographic: Not Reported  
Site type: Ground-water other than Spring Date construction: 19860407  
Date inventoried: 19860410 Mean greenwich time offset: PST  
Local standard time flag: Y  
Type of ground water site: Single well, other than collector or Ranney type  
Aquifer Type: Not Reported  
Aquifer: UNCLASSIFIED OVERBURDEN  
Well depth: 85 Hole depth: 85  
Source of depth data: driller Project number: WA00228  
Real time data flag: 0 Daily flow data begin date: 0000-00-00  
Daily flow data end date: 0000-00-00 Daily flow data count: 0  
Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00  
Peak flow data count: 0 Water quality data begin date: 0000-00-00  
Water quality data end date: 0000-00-00 Water quality data count: 0  
Ground water data begin date: 1986-04-09 Ground water data end date: 1986-04-09  
Ground water data count: 1

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
------	-----------------------	---------------------

1986-04-09	9	
------------	---	--

44  
South  
1/2 - 1 Mile  
Lower

FED USGS USG63218260

Agency cd: USGS Site no: 461809120011301  
Site name: 10N/22E-35R01  
Latitude: 461809  
Longitude: 1200113 Dec lat: 46.30235329  
Dec lon: -120.02143192 Coord meth: M  
Coord acc: S Latlong datum: NAD27  
Dec latlong datum: NAD83 District: 53  
State: 53 County: 077  
Country: US Land net: SE SE S35 T10N R22E W  
Location map: SUNNYSIDE Map scale: 24000  
Altitude: 709 Altitude method: M  
Altitude accuracy: 50 Altitude datum: NGVD29  
Hydrologic: Lower Yakima, Washington. Area = 2950 sq.mi.  
Topographic: Not Reported  
Site type: Ground-water other than Spring Date construction: 19610101  
Date inventoried: 19740403 Mean greenwich time offset: PST

**DEPARTMENT OF THE ARMY  
WATER RESOURCES DIVISION  
WATER RESOURCES ENGINEERING CENTER  
ANN ARBOR, MICHIGAN**

Local standard time flag:	Y	Hole depth:	Not Reported
Type of ground water site:	Single well, other than collector or Ranney type	Project number:	Not Reported
Aquifer Type:	Not Reported	Daily flow data begin date:	0000-00-00
Aquifer:	Not Reported	Daily flow data count:	0
Well depth:	96	Peak flow data end date:	0000-00-00
Source of depth data:	driller	Water quality data begin date:	0000-00-00
Real time data flag:	0	Water quality data count:	0
Daily flow data end date:	0000-00-00	Ground water data end date:	1961-01-01
Peak flow data begin date:	0000-00-00		
Peak flow data count:	0		
Water quality data end date:	0000-00-00		
Ground water data begin date:	1961-01-01		
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1961-01-01	1	



**AREA RADON INFORMATION**

Federal EPA Radon Zone for YAKIMA County: 2

- 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.

Federal Area Radon Information for Zip Code: 98944

Number of sites tested: 3

<u>Area</u>	<u>Average Activity</u>	<u>% &lt;4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% &gt;20 pCi/L</u>
Living Area - 1st Floor	1.467 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.350 pCi/L	100%	0%	0%

## TOPOGRAPHIC INFORMATION

### **USGS 7.5' Digital Elevation Model (DEM)**

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

## 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 2002 and 2005 from the U.S. Fish and Wildlife Service.

## HYDROGEOLOGIC INFORMATION

### **AQUIFLOW<sup>®</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. Belkman Map, USGS Digital Data Series DDS - 11 (1994).

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

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation 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.

### **SSURGO: Soil Survey Geographic Database**

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

## LOCAL / REGIONAL WATER AGENCY RECORDS

### **FEDERAL WATER WELLS**

#### **PWS: Public Water Systems**

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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: 202-564-3750

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: USGS National Water Inventory System (NWIS)**

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 wells, springs, and other sources of groundwater.

**STATE RECORDS**

**Water Wells**

Source: Department of Health

Telephone: 360-236-3148

Group A and B well locations.

**OTHER STATE DATABASE INFORMATION**

**RADON**

**Area Radon Information**

Source: USGS

Telephone: 703-358-4020

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**

Source: EPA

Telephone: 703-358-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

**OTHER**

**Airport Landing Facilities: Private and public use landing facilities**

Source: Federal Aviation Administration, 800-457-6656

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

Source: Department of Commerce, National Oceanic and Atmospheric Administration

**STREET AND ADDRESS INFORMATION**

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## **CORRESPONDENCE**

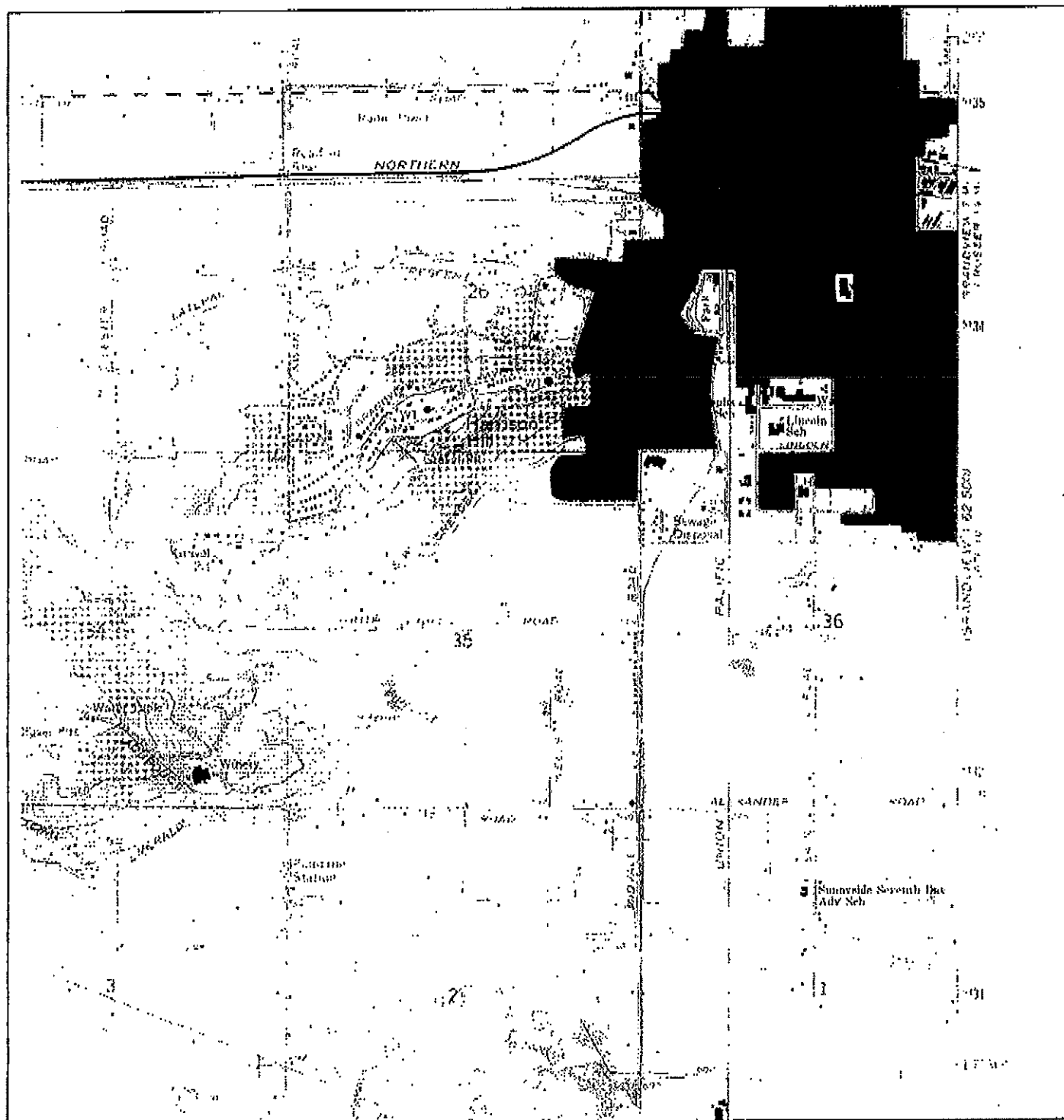
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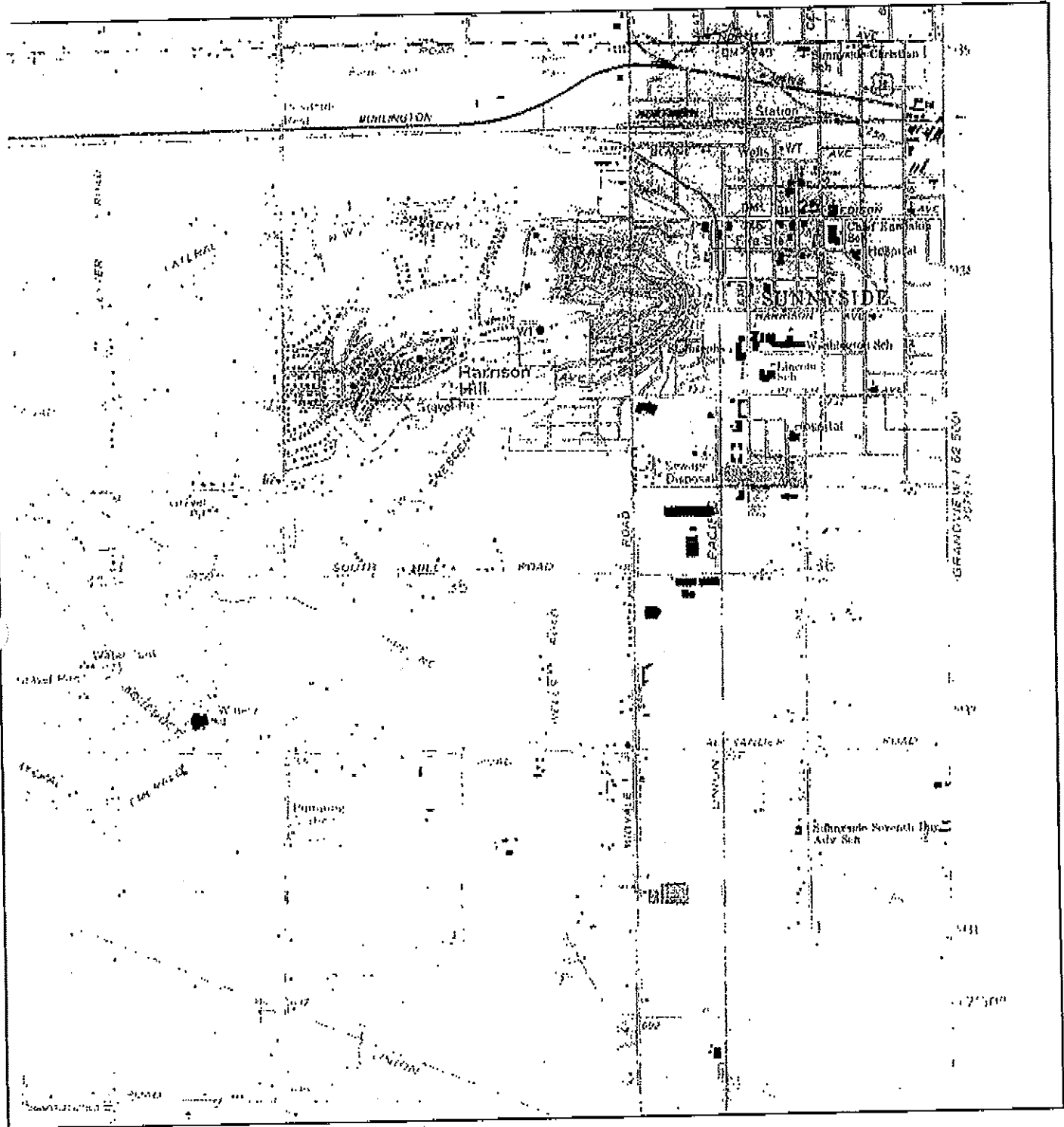
## **FILE REVIEW INFORMATION**


# Historical Topographic Map



<p>N ↑</p>	<p><b>TARGET QUAD</b>  <b>NAME:</b> Sunnyside, WA  <b>MAP YEAR:</b> 1965</p>	<p><b>SITE NAME:</b> Conoco  <b>ADDRESS:</b> 1803 S. 1st Street  Sunnyside, WA 98944  <b>LAT/LONG:</b> 46.3081 / 120.0202</p>	<p><b>CLIENT:</b> Blue Mountain Env. Cons. Inc.  <b>CONTACT:</b> Peter Trabulsner  <b>INQUIRY#:</b> 1747095.4  <b>RESEARCH DATE:</b> 09/01/2006</p>
	<p><b>SERIES:</b> 7.5  <b>SCALE:</b> 1:24,000</p>		

# Historical Topographic Map



<b>N</b> 	<b>TARGET QUAD</b>	<b>SITE NAME:</b> Conoco	<b>CLIENT:</b> Blue Mountain Env. Cons. Inc.
	<b>NAME:</b> Sunnyside, WA	<b>ADDRESS:</b> 1803 S. 1st Street	<b>CONTACT:</b> Peter Trabusiner
	<b>MAP YEAR:</b> 1978	<b>SUNNYSIDE, WA 98944</b>	<b>INQUIRY#:</b> 1747095.4
	<b>PHOTO REVISED:</b>	<b>LAT/LONG:</b> 46.3081 / 120.0202	<b>RESEARCH DATE:</b> 09/01/2006
	<b>SERIES:</b> 7.5		
	<b>SCALE:</b> 1:24,000		

1947







STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

Mail Stop PV-11 • Olympia, Washington 98504-8711 • (206) 459-6000

10-4-91

Dear Underground Storage Tank Owner:

We recently received information on the following site and tank(s) which indicates that the tank(s) have been closed:

Site Address: 111 East Lincoln Ave

Site No: 005703 Tank Ids: 1 and 2

Until we receive documentation that the tank(s) have been permanently closed in accordance with federal and state regulations, we are unable to consider them closed for regulatory and billing purposes. If such closure has been completed, please fill out the enclosed form(s) as marked below and return them to our office as soon as possible. We will then be able to correct our records and resolve any outstanding fee payment issues relating to this site.

For tanks closed before March 1, 1991:

Permanent Closure/Change-in-Service Checklist

For tanks closed after March 1, 1991:

Permanent Closure/Change-in-Service Checklist  
 Site Check/Site Assessment Checklist  
 2 copies of Site Assessment Report

Please complete the forms and return them to:

Washington State Department of Ecology  
Underground Storage Tank Section  
Mail Stop PV-11  
Olympia, WA 98504-8711

Thank you for your cooperation. If you have any questions, please call me at (206) 459-6622.

Sincerely,

Karen Backman  
Data Management Unit

Enclosures



Tax Year 95

Status \_\_\_\_\_

Name Washington Title, Sellers  
 Date 11-16-93 Fin Date \_\_\_\_\_  
 Appraiser LT Fin. No. \_\_\_\_\_  
 Year Built 1947  
 Remodeled 19 Remarks: \_\_\_\_\_  
 Transfer 19  
 Sale 27000 Date 8-1-86 Situs Address: \_\_\_\_\_  
 Sale 482500 Date 11-1-90 Land Use Code 21

PARCEL NUMBER: 221036-22006  
 NAME \_\_\_\_\_  
 ADDRESS \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

	Section 1	Section 2	Section 3	Section 4	Section 5
1. Building Type	Industrial - Warehouse	Industrial - Warehouse	Garage	Garage	
2. Class & Quality	cls. 0 Qual. Good	cls. 0 Qual. Good	cls. 0 Qual. Good	cls. 0 Qual. Good	
3. Construction Material	Wood frame	Wood frame	Wood frame	Wood frame	
4. No. Stories & Hgt./story	No. 1 Hgt. 20	No. 1 Hgt. 20	No. 1 Hgt. 18	No. 1 Hgt. 18	
5. Average Floor Area	2314	7200	2920	1560	
6. Average Perimeter	834	360	196	177	
7. Age & Condition	Age 46 Cond. 0700	Age 46 Cond. 0700	Age Cond. 0700	Age Cond. 0700	

BASE RATE

Sec. 1	Sec. 2	Sec. 3	Sec. 4	Sec. 5
37.7	13.45	27.05	17.27	

BASE RATE ADJUSTMENTS

*hot water heating removed.*

- 3.25		specific	- 1.06	
34.22	12.45	27.05	16.21	

total lines 8 through 11

Height and Size Multipliers

1.192	1.133	1.056	.960	
.884	1.040	1.162	1.323	
1.0537	1.1785	1.2634	1.270	

FINAL CALCULATIONS

Section 1	Section 2	Section 3	Section 4	Section 5
35.00	21.72	27.25	20.59	
.99	1.00	.99	1.00	
1.11	1.10	1.11	1.10	
38.96	23.39	32.67	22.43	
22314	7200	2920	1560	
558196	172000	87394	35334	
186250	18120	-	-	
1044446	187128	87394	35334	
65%	65%	65%	60%	
365556	65495	30588	2067	

17. Refined Square Foot Cost (12x16)  
 18. Current cost multiplier (sec. 99-P.3)  
 19. Local Multiplier (sec. 99-p. 586)  
 20. Final Square Foot Cost (17x18x19)  
 21. Total Area (all floors)  
 22. Line 20x Line 21  
 23. Yard & Miscellaneous Improvements  
 24. Total Replacement Cost  
 25. % Depreciation — (sec. 97)  
 26. Depreciated Value  
 27. Value per Square Foot 195/302 replacement

Land Computations	Zone	TOTAL IMPROVEMENT VALUE
Utilities / City / Well / Septic / Other		168700
Frontage / Depth / Area		
1/1x / 1/1 value X / d/f =		
Back land or Total Area		
Land Value Adjustments		
Total Land Value		61050 56200

Tax Year \_\_\_\_\_

Status \_\_\_\_\_

Original Name	
Pr. Date	Fin. Date
Appraiser	Fin. No.
Year Built	
Remodeled 19	Remarks:
Transfer 19	
Sale Date	Situs Address: <u>LINCOLN + OLIVE WAY</u>
Sale Date	

PARCEL NUMBER: 221036-22003

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

Landuse Code \_\_\_\_\_

	Section 1		Section 2		Section 3		Section 4		Section 5	
	Sec.	pg.	Sec.	pg.	Sec.	pg.	Sec.	pg.	Sec.	pg.
1. Building Type	cls.	Qual.	cls.	Qual.	cls.	Qual.	cls.	Qual.	cls.	Qual.
2. Class & Quality										
3. Construction Material										
4. No. Stories & Hgt./story	No.	Hgt.	No.	Hgt.	No.	Hgt.	No.	Hgt.	No.	Hgt.
5. Average Floor Area										
6. Average Perimeter										
7. Age & Condition	Age	Cond.	Age	Cond.	Age	Cond.	Age	Cond.	Age	Cond.

**BASE RATE**

8. Square Foot Cost

*NOW 22006*

Sec. 1	Sec. 2	Sec. 3	Sec. 4	Sec. 5

**BASE RATE ADJUSTMENTS**

9. Refinements

*WAM HILLS WINERY INDUSTRIAL*


10.

11.

*INACTIVE*

12.

*SM 92-0275*

total lines 8 through 11

**Height and Size Multipliers**

13. Number of Stories Multiplier

14. Height per Story Multiplier

15. Floor Area - Perimeter Multiplier

16. Combined Multipliers (lines 13x14x15)


**FINAL CALCULATIONS**

17. Refined Square Foot Cost (12x16)

18. Current cost multiplier (sec. 99-P. 3)

19. Local Multiplier (sec. 99-p. 566)

20. Final Square Foot cost (17x18x19)

21. Total Area (all floors)

22. Line 20 x Line 21

23. Yard & Miscellaneous Improvements

24. Total Replacement Cost

25. % Depreciation - (sec. 97)

26. Depreciated Value

27. Value per Square Foot

Section 1	Section 2	Section 3	Section 4	Section 5

Land Computations

Zone

Utilities / City / Well / Septic / Other

TOTAL IMPROVEMENT VALUE

Frontage Depth Area

$f/f \times f/f \text{ value } \times d/f =$

Back Land or Total Area

$\times =$

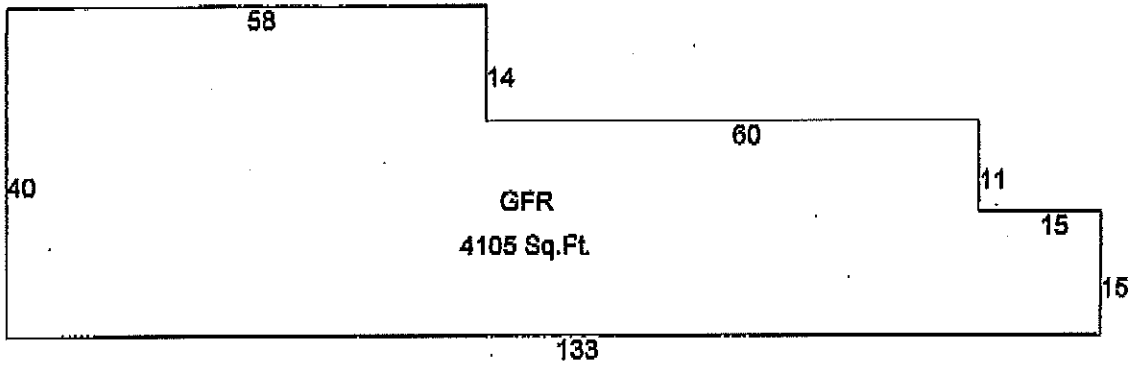
Land Value Adjustments

$\pm$

Total Land Value

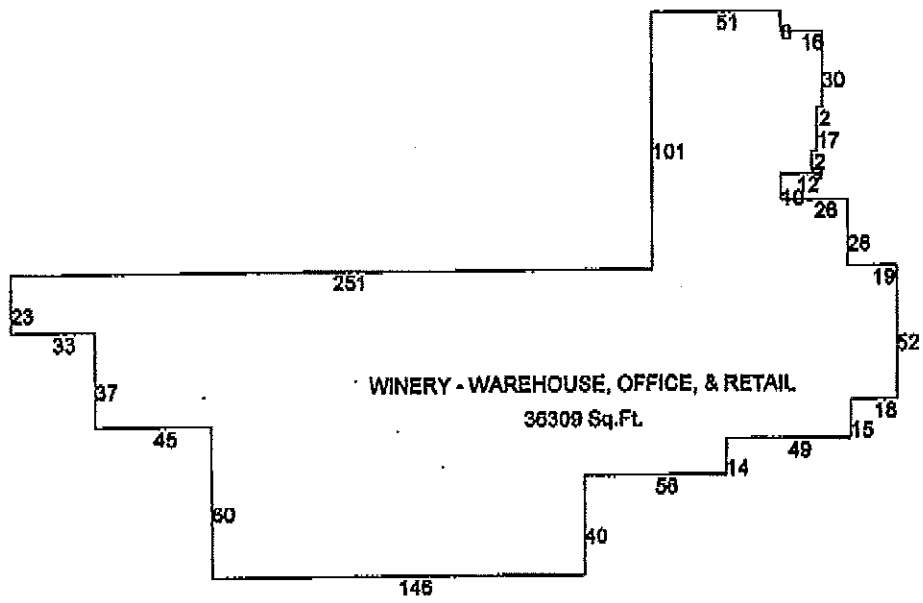
TOTAL LAND VALUE

NEW CONSTRUCTION



Parcel ID: 22103622006

Label	Perimeter	Area
GFR	346	4105



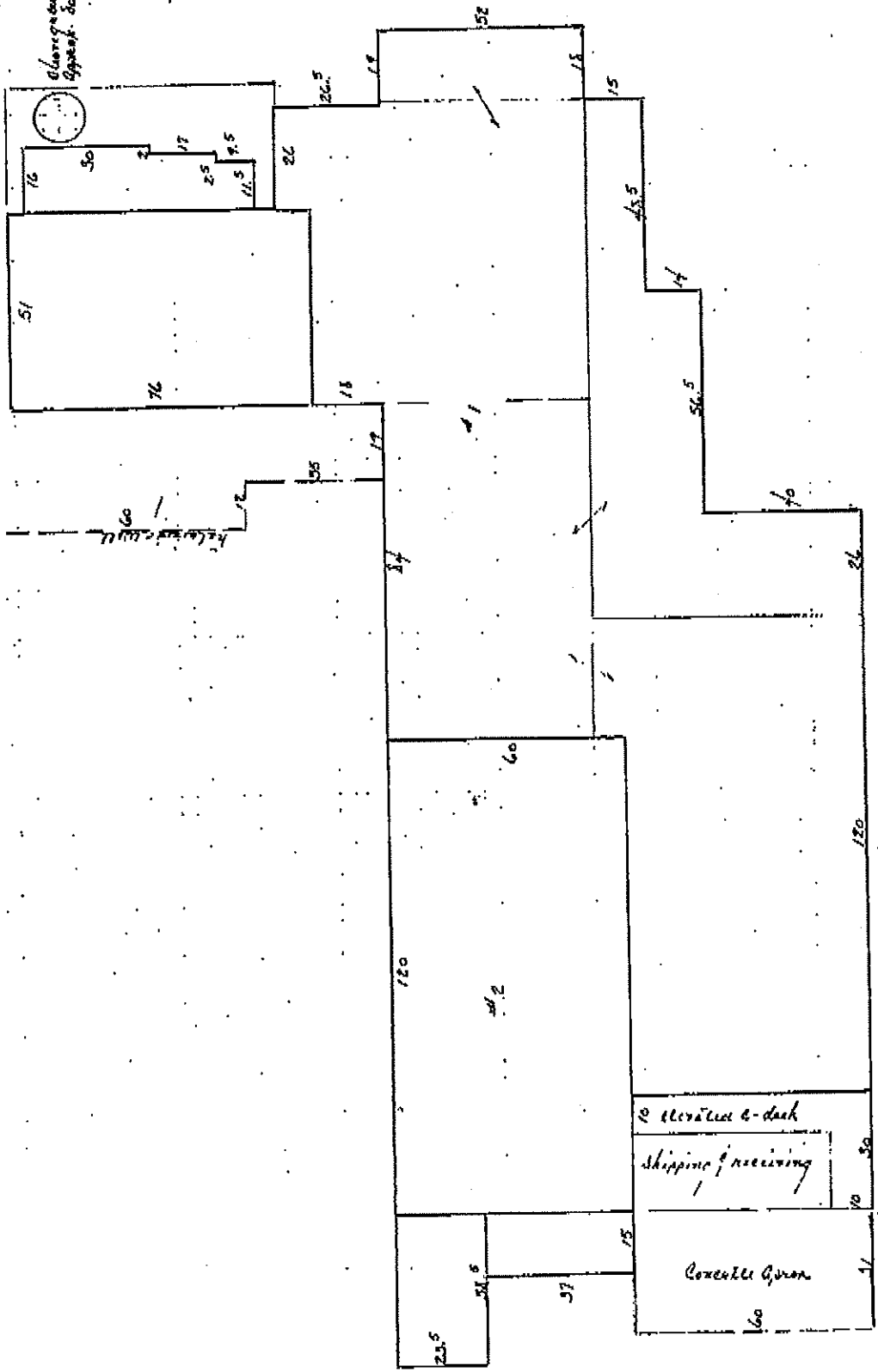
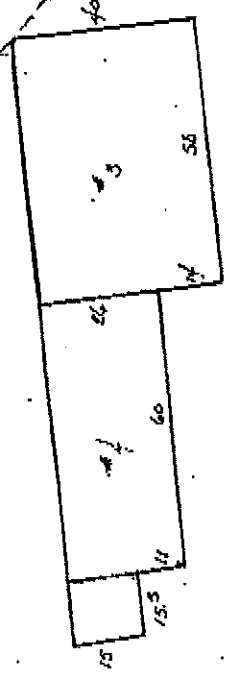
Parcel ID: 22103622006

Label	Perimeter	Area
WINERY - WARE	1168	36309

disregard circles  
opposite soon get.



Helicopter



Tax Year 98

Status \_\_\_\_\_

Building Name WASHINGTON HILLS WINERY

PARCEL NUMBER: 221036-22006

Appr. Date <u>4-97</u>	Fin. Date
Appraiser <u>74</u>	Fin. No.
Year Built <u>VARIOUS</u>	
Modeled <u>19</u>	Remarks:

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

Transfer <u>19</u>	Date	Situs Address: <u>111 E. LINCOLN AV.</u>	CITY _____ STATE _____ ZIP _____
Sale	Date	<u>SUNNYSIDE</u>	Land Use Code _____

	Section 1		Section 2		Section 3		Section 4		Section 5	
	Sec.	Pg.	Sec.	Pg.	Sec.	Pg.	Sec.	Pg.	Sec.	Pg.
1. Building Type	<u>INDUSTRIAL</u>									
2. Class & Quality	cls.	Qual.	cls.	Qual.	cls.	Qual.	cls.	Qual.	cls.	Qual.
3. Construction Material										
4. No. Stories & Hgt./story	No.	Hgt.	No.	Hgt.	No.	Hgt.	No.	Hgt.	No.	Hgt.
5. Average Floor Area										
6. Average Perimeter										
7. Age & Condition	Age	Cond.	Age	Cond.	Age	Cond.	Age	Cond.	Age	Cond.

BASE RATE

Sec. 1	Sec. 2	Sec. 3	Sec. 4	Sec. 5

8. Square Foot Cost

BASE RATE ADJUSTMENTS

9. Refinements

10. \_\_\_\_\_

11. \_\_\_\_\_

12. Sm 92-0275 total lines 8 through 11


Height and Size Multipliers


Number of Stories Multiplier

14. Height per Story Multiplier

15. Floor Area — Perimeter Multiplier

16. Combined Multipliers (lines 13x14x15)

*1-18-05 #85 Industrial Reval '06*

FINAL CALCULATIONS

- 17. Refined Square Foot Cost (12x16)
- 18. Current cost multiplier ( sec. 99-P.3)
- 19. Local Multiplier ( sec. 99-p. 5&6)
- 20. Final Square Foot Cost (17x18x19)
- 21. Total Area (all floors)
- 22. Line 20x Line 21
- 23. Yard & Miscellaneous Improvements
- 24. Total Replacement Cost
- 25. % Depreciation — (sec. 97)
- 26. Depreciated Value
- 27. Value per Square Foot

Section 1	Section 2	Section 3	Section 4	Section 5
<u>INDUSTRIAL</u>				
<u>ACCT.</u>				

Land Computations	Zone	TOTAL IMPROVEMENT VALUE	<u>97- 787,500</u>
Utilities / City	/ Well / Septic / Other	TOTAL LAND VALUE	<u>98- 61,050</u>
Frontage	Depth	Area	<u>4.67 AC</u>
ifx	ifl valueX	d/f=	
Jack land or Total Area	<u>203 425x .30¢</u>		<u>= 61,028</u>
Land Value Adjustments	±	NEW CONSTRUCTION	
Total Land Value			

Tax Year 98

Status \_\_\_\_\_

Building Name WASHINGTON HILLS WINERY  
 Appr. Date 4-97 Fin Date \_\_\_\_\_  
 Appraiser 74 Fin. No. \_\_\_\_\_  
 or Built VARIOUS  
 modeled 19 Remarks: \_\_\_\_\_  
 Transfer 19

PARCEL NUMBER: 221036-22006  
 NAME \_\_\_\_\_  
 ADDRESS \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

Sale Date \_\_\_\_\_ Situs Address: 111 E. LINCOLN AV.  
 Sale Date \_\_\_\_\_ SUNNYSIDE Land Use Code \_\_\_\_\_

	Section 1		Section 2		Section 3		Section 4		Section 5	
	Sec.	Pg.	Sec.	Pg.	Sec.	Pg.	Sec.	Pg.	Sec.	Pg.
1. Building Type	<u>INDUSTRIAL</u>									
2. Class & Quality	cls.	Qual.	cls.	Qual.	cls.	Qual.	cls.	Qual.	cls.	Qual.
3. Construction Material										
4. No. Stories & Hgt./story	No.	Hgt.	No.	Hgt.	No.	Hgt.	No.	Hgt.	No.	Hgt.
5. Average Floor Area										
6. Average Perimeter										
7. Age & Condition	Age	Cond.	Age	Cond.	Age	Cond.	Age	Cond.	Age	Cond.

BASE RATE

Sec. 1	Sec. 2	Sec. 3	Sec. 4	Sec. 5

8. Square Foot Cost

BASE RATE ADJUSTMENTS

- 9. Refinements \_\_\_\_\_
- 10. \_\_\_\_\_
- 11. \_\_\_\_\_
- 12. Sm 92-0275

total lines 8 through 11


Height and Size Multipliers


- 14. Height per Story Multiplier
- 15. Floor Area — Perimeter Multiplier
- 16. Combined Multipliers (lines 13x14x15)

1-18-05 #85 Industrial Reval '06  
 FINAL CALCULATIONS

- 17. Refined Square Foot Cost (12x16)
- 18. Current cost multiplier ( sec. 99-P.3)
- 19. Local Multiplier ( sec. 99-p. 588)
- 20. Final Square Foot Cost (17x18x19)
- 21. Total Area (all floors)
- 22. Line 20x Line 21
- 23. Yard & Miscellaneous Improvements
- 24. Total Replacement Cost
- 25. % Depreciation — (sec. 97)
- 26. Depreciated Value
- 27. Value per Square Foot

Section 1	Section 2	Section 3	Section 4	Section 5
<u>INDUSTRIAL</u>				
<u>ACCT.</u>				

Land Computations Zone \_\_\_\_\_  
 Utilities / City \_\_\_\_\_ / Well \_\_\_\_\_ / Septic \_\_\_\_\_ / Other \_\_\_\_\_  
 Frontage \_\_\_\_\_ Depth \_\_\_\_\_ Area 4.67 AC  
 l/fx \_\_\_\_\_ l/f valueX \_\_\_\_\_ d/fx \_\_\_\_\_  
 Back land or Total Area 203.425x .304 = 61.028  
 Land Value Adjustments ± \_\_\_\_\_  
 Total Land Value \_\_\_\_\_

TOTAL IMPROVEMENT VALUE	<u>97-</u> 787,500
TOTAL LAND VALUE	<u>97-</u> 61,050
NEW CONSTRUCTION	

Return to County Treasurer of the county in which property is located.  
PLEASE TYPE OR PRINT

**REAL ESTATE EXCISE TAX**

This form is not valid unless stamped by auditor's file by date of recording filed in County Treasurer's office.

THIS AFFIDAVIT WILL NOT BE ACCEPTED UNLESS ITEMS 1 THROUGH 7 ARE FULLY COMPLETED.

SELLER OR LESSOR	Name <u>VIRGINIA L. SEITZ AND</u>	BUYER OR GRANTEE	Name <u>WNC, INC.</u>
	<u>ALFRED E. SEITZ</u>		<u>2621 B.W. 164th Place</u>
	Street <u>13810 Pacific Highway South</u>		Street <u>1607 116th N.E., Suite 103</u>
City <u>SEATTLE</u>	City <u>Bellevue</u>	State <u>WA</u>	Zip <u>98004</u>

NEW OWNER'S PERMANENT ADDRESS FOR ALL PROPERTY TAX RELATED CORRESPONDENCE	Name <u>WNC, INC.</u>	ADDITIONAL TAX PARCEL NUMBERS <u>224036-22006 LC</u> <u>30000-11240-460</u>
	Street <u>1607 116th N.E., Suite 103</u>	
	City <u>SEATTLE</u> State <u>WA</u> Zip <u>98004</u>	

LEGAL DESCRIPTION OF PROPERTY SITUATED IN UNINCORPORATED Yakima COUNTY OR IN CITY OF Sunnyvale

See attached

Is this property currently:

Classified or designated as forest land? Chapter 84.33 RCW	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Classified as current use land (open space, farm and industrial) as defined by Chapter 84.34 RCW	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>

Classification of personal property if included in sale (furniture, appliances, furniture, fixtures and equipment, etc.) are being purchased by WNC, INC.

If the new owner(s) of land that is classified or designated as current use or forest land wish(es) to continue the classification or designation of such land, the new owner(s) must sign below. If the new owner(s) do(es) not desire to continue such classification or designation, all outstanding or additional tax obligations pursuant to RCW 84.33, 84.34 and 84.35, (if applicable) shall be due and payable by the buyer or transferee at the time of sale. The county assessor must determine if the land classified qualifies to continue classification or designation and must so indicate below. Assessor's do not necessarily mean the land will remain in classification or designation. If in an longer qualified, it will be removed and the corresponding taxes will be applied. All new owners must sign.

This land  does  does not qualify for continuation. SUPERVISOR

(3) NOTICE OF COMPLIANCE (Chapter 84.28 RCW)

If the new owner(s) of property with special valuation as historic property wish(es) to continue this special valuation the new owner(s) must sign below. If the new owner(s) do(es) not desire to continue such special valuation, all additional tax calculated pursuant to Chapter 84.28 RCW, shall be due and payable by the seller or transferee at the time of sale.

(3) OWNER(S) SIGNATURE

Delinquent Interest: 4/State	\$	
Local	\$	
Delinquent Penalty: 4/State	\$	
Local	\$	
Total Due	\$	15,300

(SEE IS ON REVERSE SIDE)

APPRAISER

I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF WASHINGTON THAT THE FOREGOING IS TRUE AND CORRECT (See RS on reverse for details)

SIGNATURE Kenneth J. Salandar

NAME (print) Kenneth J. Salandar

DATE & PLACE OF SIGNING: Seattle, WA - 8-14-92

SPECIFY (circle): grantor/grantee/grantee's agent/grantee's agent

Address of residence or place of business of person signing (specify):  
2621 B.W. 164th Place  
Seattle, WA 98166

The following optional questions are requested by RCW 84.46.1:

Is property at the time of sale:

a. Subject to elderly, disability, or physical improvement exemption?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
b. Does building, if any, have a heat pump or water heating or cooling system?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
c. Does this conveyance divide a current parcel of land?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
d. Does sale include current crop or merchantable timber?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>

e. Does conveyance involve a trade, partial interest corporate sale, related parties, trust, receivership or an estate? YES  NO

f. Is the grantee acting as a nominee for a third party? YES  NO

g. Principal use:

1 agricultural	2 residential	3 residential
4 agl (+ msh)	5 industrial	6 residential
7 commercial	8 mobile home	9 other

FOR TREASURER'S USE ONLY

8-19-92 AUG 20 1992 COUNTY TREASURER 264550





April 25, 1996

Joyce M. Smith  
Department of Ecology  
PO Box 47600  
Olympia, WA 98504-7600

Re: Closure and Site Assessment Notice  
Site No. 005903

Dear Joyce:

I have received your notice regarding the closure of 2 tanks that were located at 111 East Lincoln, Sunnyside WA.

As we discussed on the telephone on April 10, 1996, the ownership of the property has changed several times since those tanks were placed and removed. The prior owner has been contacted, however, I am still in the process of gathering more information.

I will keep in touch with you until this is resolved.

Sincerely,

Maureen Vague  
Operations Mgr. WHC, Inc.

WASHINGTON HILLS  
CELLARS  
EXECUTIVE OFFICES  
10604 N.E. 38TH PL.  
SUITE 132  
KIRKLAND, WA 98033  
206.889.9463  
F: 206.889.4581

WASHINGTON HILLS  
CELLARS  
WINERY  
111 E. LINCOLN AVE.  
SUNNYSIDE, WA 98944  
509.839.9463



CASCADE ESTATES  
WINERY

DEARSIRS:

I BELIEVE THESE TANKS  
WERE REMOVED IN THE  
SPRING OF 1989. THE  
CARNATION COMPANY HAS  
NOT OCCUPIED THIS SITE  
FOR 6 YEARS.

CASCADE ESTATES LEASED  
THIS SITE FROM THE  
SUNNYSIDE PORT COMMISSION  
IN 1988 AND WE STILL  
OCCUPY IT. WE USE  
NO UNDERGROUND STORAGE  
TANKS WHATSOEVER.

IF I CAN BE OF MORE  
ASSISTANCE, PLEASE CONTACT  
ME. THANK YOU,  
CLINT HALBERT



CASCADE CREST ESTATES  
WINERY

Clint Halbert  
Winery Superintendent

111 EAST LINCOLN AVENUE  
SUNNYSIDE, WASHINGTON 98044  
(509) 839-0463  
FAX: (509) 839-0166

## Underground Storage Tank Self-Certification Compliance Form

This form must be completed and signed for the underground storage tank identified below to receive a permit from the Department of Ecology. Without a permit, the tank cannot receive product or be operated (In the case of waste oil tanks, the tank cannot have the product removed).

OWNER NUMBER: U0000913

SITE NUMBER: 005903

OWNER: CARNATION COMPANY  
111 E LINCOLN AVE

SITE: CARNATION COMPANY  
ADDR: 111 E LINCOLN AVE

SUNNYSIDE, WA. 98944-

SUNNYSIDE, WA. 98944-

TEL NO: (509) 837-4101

TANK ID NO: 1  
STATUS: OPERATIONAL  
FY91 FEE PAID: NO

TANK SIZE: 10000-19999 GALLONS  
YEAR INSTALLED: 1956

### INFORMATION REGARDING FINANCIAL RESPONSIBILITY:

This must be completed for the Underground Storage Tank Permit to be validated.

- Mark the box which accurately describes the UST identified by the above Tank ID number;
- a.  The UST is owned by the state or federal government.
  - b.  The UST stores a non-petroleum hazardous substance.
  - c.  The UST is a deferred tank (listed on page 9 of the guide).
  - d.  None of the above.
2. Financial Responsibility Compliance Category.  
Enter the appropriate letter from page 6 or 7 of the Self-Certification Guide: \_\_\_\_\_
  3. Financial Responsibility Compliance Method(s).  
Enter the appropriate letter(s) from page 8 of the Self-Certification Guide: \_\_\_\_\_

### SWORN STATEMENT:

I hereby swear under penalty of law that, based on my review of the UST Self-Certification Guide and my knowledge of the tank identified by the above Tank ID Number, this tank is in compliance with the applicable state requirements. Also, the information required above regarding financial responsibility requirements has been accurately entered for this tank. I understand that if this is a false statement the permit for the UST may be immediately revoked and I may be subject to penalties under Chapter 173-360 WAC.

Print or type: \_\_\_\_\_  
Name and Official Title of UST Owner or UST Owner's Authorized Representative

\_\_\_\_\_  
Signature of UST Owner or Authorized Representative

\_\_\_\_\_  
Date Signed

\_\_\_\_\_  
Telephone Number

do not detach. Return both parts to Ecology

### Underground Storage Tank Permit

This permit only valid when stamped by the Department of Ecology.

#### STATEMENT:

I swear under penalty of law that the underground storage tank identified at right is in compliance with applicable state requirements.

\_\_\_\_\_  
Name and Official Title of UST Owner or UST Owner's Authorized Representative

\_\_\_\_\_  
Signature of UST Owner or Authorized Representative

\_\_\_\_\_  
Date Signed

Site Location:

111 E LINCOLN AVE

SUNNYSIDE, WA. 98944-

SITE NUMBER: 005903

TANK ID NO: 1

Owner:

CARNATION COMPANY  
111 E LINCOLN AVE

SUNNYSIDE, WA. 98944-

Space for owner to identify tank to product distributor:

If the permit should be sent to an address different from the owner's, please

## Underground Storage Tank Self-Certification of Compliance Form

This form must be completed and signed for the underground storage tank identified below to receive a permit from the Department of Ecology. Without a permit, the tank cannot receive product or be operated (in the case of waste oil tanks, the tank cannot have the product removed).

OWNER NUMBER: U0000913	SITE NUMBER: 005903
OWNER: CARNATION COMPANY 111 E LINCOLN AVE SUNNYSIDE, WA. 98944-	SITE: CARNATION COMPANY ADDR: 111 E LINCOLN AVE SUNNYSIDE, WA. 98944-
TEL NO: (509) 837-4101	TANK ID NO: 2
TANK SIZE: 10000-19999 GALLONS	STATUS: OPERATIONAL
YEAR INSTALLED: 1956	FY91 FEE PAID: NO

**INFORMATION REGARDING FINANCIAL RESPONSIBILITY:**  
This information must be completed for the Underground Storage Tank Permit to be validated.

<p>Mark the box which accurately describes the UST identified by the above Tank ID number:</p> <p>a. <input type="checkbox"/> The UST is owned by the state or federal government.</p> <p>b. <input type="checkbox"/> The UST stores a non-petroleum hazardous substance.</p> <p>c. <input type="checkbox"/> The UST is a deferred tank (listed on page 9 of the guide).</p> <p>d. <input type="checkbox"/> None of the above.</p>	<p>2. Financial Responsibility Compliance Category. Enter the appropriate letter from page 6 or 7 of the Self-Certification Guide: _____</p> <p>3. Financial Responsibility Compliance Method(s). Enter the appropriate letter(s) from page 8 of the Self-Certification Guide: _____</p>
--	--

**SWORN STATEMENT:**  
I hereby swear under penalty of law that, based on my review of the UST Self-Certification Guide and my knowledge of the tank identified by the above Tank ID Number, this tank is in compliance with the applicable state requirements. Also, the information required above regarding financial responsibility requirements has been accurately entered for this tank. I understand that if this is a false statement the permit for the UST may be immediately revoked and I may be subject to penalties under Chapter 173-360 WAC.

Name or type: \_\_\_\_\_  
Name and Official Title of UST Owner or UST Owner's Authorized Representative

Signature of UST Owner or Authorized Representative	Date Signed	Telephone Number
---	-------------	------------------

do not detach. Return both parts to Ecology

### Underground Storage Tank Permit

*This permit only valid when stamped by the Department of Ecology.*

**STATEMENT:**  
I swear under penalty of law that the underground storage tank identified at right is in compliance with applicable state requirements.

\_\_\_\_\_  
Name and Official Title of UST Owner or UST Owner's Authorized Representative

\_\_\_\_\_  
Signature of UST Owner or Authorized Representative      Date Signed

Site Location:

111 E LINCOLN AVE  
SUNNYSIDE, WA. 98944-

SITE NUMBER: 005903  
TANK ID NO: 2

Owner:  
CARNATION COMPANY  
111 E LINCOLN AVE  
SUNNYSIDE, WA. 98944-

Space for owner to identify tank to product distributor:

If the permit should be sent to an address different from the owner's, please specify the address below.

UST ADJUSTMENT  
TANK DELETIONS

TO BE USED FOR TANK DELETIONS

Section I

Customer Name COE, W. W. COMPANY Site Number 005903  
Customer Number 40000913 Invoice Number 2167 1717 28151  
Initiated By KAREN C. BARKMAN Date 10-19-92  
(Name)

Section II

\*\* IF THIS IS A CHANGE IN OWNERSHIP, ATTACH FORM D.  
\*\* IF THIS IS A CHANGE THAT CREATES A REFUND, ATTACH FORM B.

Number of Tanks deleted        Amount \$       

Tank ID Number(s)       

Please Send Statement  Y  N

Remove From Pending  Y  N

Approved By Karen C. Barkman Date 10-19-92  
(Name)

COMMENTS

2613/7

FORM E  
Rev 4/02/90

P

UST ADJUSTMENTS  
CHANGE IN BILLING ADDRESS OR REPRINT

CHANGE IN OWNER ADDRESS:

Customer Name Carnation Company Site Number 005903

Customer Number U0000913 Invoice Number 17417

Initiated by Verna Watson Date 11-16-90  
(Name)

PROGRAM ACTION:

Reprint Original Invoice Y N

Print Current Statement Y N

Remove From Pending Y N

Approved By \_\_\_\_\_ Date \_\_\_\_\_  
(Name)

Comments \_\_\_\_\_  
\_\_\_\_\_

12-5-90  
Called Vernon  
Anderson. He  
asked for another  
PROCURE

P.O. Box 89

DATA - MAILER®

TO OPEN TEAR ALONG THIS PERFORATION  
USE THUMB NOTCH TO REMOVE CONTENTS

F  
R  
O  
M  
HARRINGTON STATE DEPT. OF ENVIRONMENTAL  
PROTECTION  
P.O. BOX 1122  
LACEY, WA 98550  
ADDRESS CORRECTION REQUESTED

UNDELIVERABLE AS ADDRESSEE  
UNABLE TO FORWARD  
TO: [redacted]  
SITES 883001  
CARNATION COMPANY  
111 E LINCOLN AVE

SUNNYSIDE, WA 98944

|||||

INVOICE# 17417

005903

August 29, 1990

Port of Sunnyside  
Attn: Vernon Anderson  
PO Box 353  
Sunnyside, Washington 98944

509-

837-4454

Dear Mr. Anderson:

Enclosed is a Notice of Permanent Closure of Underground Storage Tank(s). Please complete this form for any applicable tanks located at Site Number: 005903. Answer all questions to the best of your ability. Note that tanks will not be permanently closed unless a Notice of Permanent Closure is filled out and returned to:

Margaret M. Robbins  
Department of Ecology  
Mail Stop PV-11  
Olympia, WA 98504-8711

The address for this site is: 111 East Lincoln Avenue, Sunnyside, Washington. Thank you for your cooperation. If there are any further questions, please call me at (206) 493-9225.

Sincerely,

Margaret M. Robbins  
UST Data Mgmt Unit

Enclosure

VERNON ANDERSON

12-3-90

Rec'd Please  
Requested by MMR.

FY90 120

FY91 120



ASFAC

SITE DATA ENTRY SCREEN

Date: 03 AUG

01 SITE NO 005903 02 DATE.REG \_\_\_\_\_ REGION C OWN.ID U0000913  
 03 CONTACT JAMES BRETTHAVER PREVIOUS OWNER  
 04 C\_TITLE CHIEF ENGINEER 05 C\_PHONE (509) 837-4101

	SITE		OWNER
06 NAME	CARNATION COMPANY		CARNATION COMPANY
07 ADD1	111 E LINCOLN AVE		111 E LINCOLN AVE
08 ADD2			
09 CITY	SUNNYSIDE 10 ST WA		SUNNYSIDE ST WA
11 ZIP	98944- 12 CNTY YAKIMA		98944- CNTY YAKIMA
13 PHONE	(509) 837-4101		(509) 837-4101

TANKS AT SITE: PETROLEUM: 14 IN USE 2 15 NOT IN USE 0  
 REGULATED CHEMICALS: 16 IN USE 0 17 NOT IN USE 0  
 18 TOTAL TANKS AT SITE 2

19 LOCATED ON INDIAN LANDS 20 STATUS 1: 21 SIC NUMBER  
 22 CERT.NM JAMES BRETTHAVER 23 TITLE CHIEF ENGINEER  
 24 DATE SIGNED 25 CLERK 26 ENTRY DATE

27	1:	28	29
T)anks / (P)ermits / (I)nvoices / (U)pdate / (B)rowse / (:)Query / (M)ail			
A)nother site / (V)iew owner / (N)ew Owner / (R)eturn			
NLIN	3DSR	3CHAR	31 PG 3
			30 3SYSTEM RDY 3

Send p clos.

# 1,2,3 → wrong #  
Carnation dairies? 248-2860

6 → Debbie or Jerry.  
one of them will return my call

8/28 spoke w/ Dave Fontana  
own land

Part of Sunnyside  
 Attn: Varn Anderson  
 P.O. Box 353  
 Sunnyside, WA  
 509-839-7678

39  
Spoke with Steve  
Steve will return my call

Part of Sunnyside  
20 E. Edison  
Steve White  
839-7678  
P.O. Box 111 98944

Dave Fontana

Part Consulting Engineer  
Vern Anderson  
837-4454

Sen

TELEPHONE MESSAGE	TO	Margaret	DATE	8/28	TIME	1:30	AM							
	FROM	Jerry	AREA CODE				PM							
	OF	Foremost Dairy	NO.											
			EXT.											
	RE: Sunny Side Prop. owned by Fort. Dist. of Sunnyside													
							SIGNED							
	PHONED	<input checked="" type="checkbox"/>	CALL BACK	<input checked="" type="checkbox"/>	RETURNED CALL	<input type="checkbox"/>	WANTS TO SEE YOU	<input type="checkbox"/>	WILL CALL AGAIN	<input type="checkbox"/>	WAS IN	<input type="checkbox"/>	URGENT	<input type="checkbox"/>

TO OPEN TEAR ALONG THIS PERFORATION -  
USE THUMB NOTCH TO REMOVE CONTENTS

F R O M

STATE OF MASSACHUSETTS  
DEPT. OF CORRECTIONS  
P.O. BOX 2281  
ADDRESS NOTATION (SEE ITEM)



TO:

INVOICE# 8167 - SITE 005903  
CARVATTON COMPANY  
111 E LINCOLN AVE  
SUNNYSIDE, MA 98944

Michael Michael Michael





U.S. ENVIRONMENTAL PROTECTION AGENCY  
REGION 10



WASHINGTON OPERATIONS OFFICE  
c/o WASHINGTON DEPARTMENT OF ECOLOGY, PV-11  
OLYMPIA, WASHINGTON 98504

September 8, 1989

REPLY TO  
ATTN: OFI

W00

Dear Tank Owner/Operator:

On December 22, 1988, the U.S. Environmental Protection Agency (EPA) adopted regulations (40 CFR 280) governing Underground Storage Tanks (USTs). One of the first requirements to effect existing UST systems concerns release detection. Subpart D (280.40 - 280.45) requires that owners and operators of UST systems provide release detection for tanks and piping that routinely contain product. The release detection requirements are to be phased in over a five-year period with the oldest tanks to comply first.

You have listed on your notification form, previously filed with the Washington Department of Ecology (Ecology), or if on Indian Lands with the EPA, one or more tanks that were installed before 1965 or at an unknown date. Therefore, the date that you are required to comply with the release detection requirements for those tanks and their associated suction piping is December 22, 1989. Any pressurized piping is not required to have a leak detection method until December 22, 1990, though the tank would need release detection by December 22, 1989. Also, note that release detection is not required on those tanks and piping that are deferred under 280.10(c) or (d) (e.g., fuel tanks used solely for emergency power generators). The allowable release detection methods are listed on the enclosure.

Reference materials on the release detection methods may be obtained from EPA by returning the enclosed order form. These materials include the following:

1. Musts for USTs - which you should have already received, covers the requirements in a general manner.
2. 40 CFR 280 - the EPA regulations, where you can find the citations listed in this letter and the enclosure.
3. Leak Lookout - which covers monitoring wells and equipment (for vapor and groundwater monitoring, only).
4. More About Leaking Underground Storage Tanks: A Background Booklet for the Chemical Advisory - this provides information on how to do inventory control and provides reproducible forms, but must be used in combination with 40 CFR 280.43(a).

### Release Detection Methods

The methods that may be utilized to comply with EPA's release detection requirements for tanks are as follows:

1. Monthly Inventory Control (280.43(a)) with an Annual Tank Tightness Test (280.43(c)) for existing tanks that have not been upgraded, until December 22, 1998, when the tank must be upgraded or closed;
2. Monthly Inventory Control (280.43(a)) with a Tank Tightness Test (280.43(c)) every five (5) years for upgraded tanks until ten (10) years after upgrading, when one of the methods in 5.-10., below, must be applied;
3. Weekly Manual Tank Gauging (280.43(b)) with an Annual Tank Tightness Test (280.43(c)) for existing tanks (between 551-2,000 gallons only) that have not been upgraded, until December 22, 1998, when the tank must be upgraded or closed;
4. Weekly Manual Tank Gauging (280.43(b)) with a Tank Tightness Test (280.43(c)) every five (5) years for upgraded tanks (between 551-2,000 gallons only) until ten (10) years after upgrading, when one of the methods in 5.-10., below, must be applied;
5. Weekly Manual Tank Gauging (280.43(b)), only for those tanks of 550 gallons or less;
6. Monthly Automatic Tank Gauging (280.43(d));
7. Monthly Vapor Monitoring (280.43(e));
8. Monthly Groundwater Monitoring (280.43(f));
9. Monthly Interstitial Monitoring (280.43(g)); or
10. Any other methods that can detect a 0.2 gallon per hour leak rate or a release of 150 gallons within a month with a probability of detection of 0.95 and a probability of false alarm of 0.05 (280.43(h)).

The methods that may be utilized to comply with EPA's release detection requirements for pipng are as follows:

1. Pressurized piping (not required until December 22, 1990):
  - a. Must be equipped with an Automatic Line Leak Detector (280.44(a)); and
  - b. Have an Annual Line Tightness Test (280.44(b)) or Monthly Monitoring (280.44(c)), under one of the tank methods 7. through 10., previously.

ORDER FORM

Release Detection Information

The enclosed letter describes each of the documents listed below. Select the materials that apply to your situation. Check off the materials needed in the space provided and return it to the address listed below.

We can send you one copy of each of the documents per request. However, EPA materials are not copyrighted, so feel free to copy the materials for the additional copies you might need.

\_\_\_\_\_ Musts for USTs

\_\_\_\_\_ 40 CFR 280, September 23, 1988 (Technical Rule)

\_\_\_\_\_ Leak Lookout

\_\_\_\_\_ More About Leaking Underground Storage Tanks: A Background Booklet for the Chemical Advisory

Contractor Services Lists:

\_\_\_\_\_ Internal and External Tank Monitoring

\_\_\_\_\_ Tank and Line Tightness Testing

Send the above information to the following address (please print):

Name \_\_\_\_\_

Company \_\_\_\_\_

Return to: UST Program - Mailing List  
EPA Region 10, WD-139  
1200 Sixth Avenue  
Seattle, Washington 98101

# WASHINGTON STATE UNDERGROUND STORAGE TANK NOTIFICATION FORM

IMPORTANT: PLEASE READ ALL INSTRUCTIONS ON PAGES 1-1 AND 1-2 BEFORE ENTERING INFORMATION.  
 • UNDERGROUND TANKS MUST BE REPORTED IF THE CONNECTED UNDERGROUND PIPING COMPRISES AT LEAST 10% OF THE OVERALL STORAGE SYSTEM TANK AND PIPING.  
 • A SEPARATE FORM MUST BE USED FOR EACH SITE, EXCEPT FOR SITES WITH ONLY ONE TANK EACH. SEE THE GENERAL INSTRUCTIONS (PAGE 1-2) FOR THE DEFINITION OF A SITE AND DETAILS ON REPORTING SITES WITH ONE TANK EACH.  
 • THERE IS ROOM IN SECTION VI FOR INFORMATION CONCERNING 15 TANKS. IF YOU HAVE MORE THAN 15 TANKS, PHOTOCOPI INFORMATION FROM THE DEPARTMENT OF ECOLOGY.  
 • PLEASE TYPE OR PRINT IN INK. THE SIGNATURE UNDER "CERTIFICATION" (SECTION VI) MUST BE SIGNED IN INK.

DEPT. OF ECOLOGY  
 APR 24 06 0 5 9 0 3  
 STATE USE ONLY

365-  
 Diesel 1 grade oil  
 3 tanks  
 2 Leaked 1 spilled tanks  
 6 tanksters to 837-7000

SECTION I: TANKS AT THIS SITE  
 per 10 sec  
 are not over 10 sec  
 high are over 10 sec  
 scales, but are not over 10 sec  
 TOTAL NUMBER OF TANKS: 2  
 or an under reservation or on other nation tank levels

SECTION II: OWNER INFORMATION

Owner Name: **INNOVATION CO.**  
 Street Address: **111 E HANCOCK AVE**  
 City: **SUNNYSIDE**  
 State: **WA** Zip Code: **98084**

Section 509-837-7000  
 Section 509-837-7000

SECTION III: CONTACT PERSON AT THE TANK LOCATION

NAME: **JAMES BRETT HAVER**  
 ADDRESS: **509-837-7000**  
 CITY: **WA** STATE: **WA** ZIP CODE: **98084**

SECTION IV: CERTIFICATION

I, **JAMES BRETT HAVER**, Chief Engineer  
 certify under penalty of law that I have personally examined and are familiar with the information submitted in this and all attached documents,  
 to the best of my knowledge and belief, the information is true, accurate, and complete.

DATE: **4-23-86**  
 SIGNATURE: *[Signature]*  
 TITLE: **Chief Engineer**

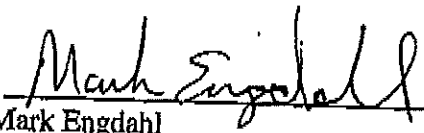


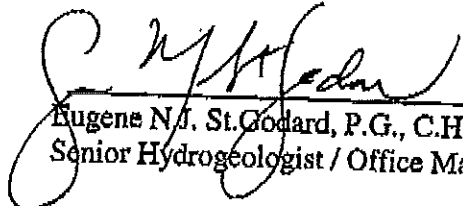
Time Oil Facility 01-068  
Operations and Maintenance Report  
September 2000

day, respectively. An estimated 1,557 pounds of gasoline has been removed from the subsurface soil and groundwater as of October 4, 2000.

This report has been prepared for Time Oil Company. Should you have any questions regarding this letter or other aspects of this project, please do not hesitate to call us at your earliest convenience.

Very truly yours,  
**BROWN AND CALDWELL**

  
Mark Engdahl  
Environmental Geologist

  
Eugene N.J. St. Godard, P.G., C.H.G.  
Senior Hydrogeologist / Office Manager

Enclosures:

Figure 1:	Site Vicinity Map
Figure 2:	Site Plan
Figure 3:	Total Pounds of Benzene and TPH Removed Vs Time
Table 1:	SVE Run-Time Log
Table 2:	Off-Gas Analytical Summary
Table 3:	Total Pounds Benzene and TPH Removed
Attachment A:	Laboratory Certificates
	7/11/00 - North Creek Analytical
	7/12/00 - North Creek Analytical
	7/13/00 - North Creek Analytical
	7/14/00 - North Creek Analytical
	7/15/00 - North Creek Analytical
	7/25/00 - North Creek Analytical
	7/28/00 - North Creek Analytical
	8/1/00 - North Creek Analytical
	8/8/00 - North Creek Analytical
	8/15/00 - North Creek Analytical
	8/28/00 - North Creek Analytical
	9/27/00 - North Creek Analytical

In July and August 1998, additional site assessment activities were performed which included drilling several soil borings (B-1 through B-11) and installing four monitoring wells (MW-9 through MW-12) on the Washington Hills Cellars (WHC) property (located east of the subject site across First Street, see Figure 2, Site Map). Monitoring well MW-9 was constructed as a four-inch diameter well, and the remaining wells were constructed as two-inch diameter wells. On April 13 and 14, 1999 five additional two-inch monitoring wells were installed, MW-13, MW-14, and MW-15 located on the WHC property, and MW-16 and SW-1 located on the subject site. On May 1 and 2, 2000, two additional two-inch monitoring wells (MW-17 and MW-18) and four, four-inch recovery wells (RW-2 through RW-5) were installed on the WHC property. In addition, two four-inch recovery wells (RW-6 and RW-7) were installed in First Street and one four-inch recovery well (RW-1) was installed on the subject property.

## **2.0 REMEDIATION SYSTEM DESCRIPTION**

In May 2000 a bioslurp remedial system was installed at the site. The remediation system is located on the WHC property within a locked remediation shed and fenced enclosure. The bioslurp remedial system is designed to remove LPH, groundwater, and subsurface vapors from the extraction wells by direct vacuum from a liquid ring pump. Entrained liquid and air emanating from the remedial wells is separated at the air-water separator located within the remedial shed on the WHC property. Separated water and LPH is then pumped through an oil water separator where the LPH is removed and dispersed into an explosion proof holding tank located outside of the shed in the fenced compound. From the oil water separator, water is allowed to gravity feed into a batch tank for holding prior to being pumped into a tray air stripper. The air stripper is designed to remove volatiles from the groundwater by pulling air up through a column of water causing turbulence in which the volatile gasoline constituents are removed from the water. The treated groundwater is currently being pumped through granular activated carbon for additional treatment prior to discharge to the city sewer system.

Vapor generated from the LRP is combined with the vapor from the air stripper, merged into one stream with a "Y" connection and subsequently routed into a catalytic oxidizer for destruction. From the catalytic oxidizer, treated air is vented to ambient air through a 14 foot tall exhaust stack. Sampling ports are located on the exhaust stack for air sampling and monitoring.

## **3.0 SYSTEM MONITORING RESULTS**

The bioslurp remedial system began initial operation on July 10, 2000 for a six day trial operation and shakedown period. The system began continuous operation on August 8, 2000 and has operated for approximately 60.5 cumulative days since the initial startup. A system run-time log is provided in Table 1.

Brown and Caldwell has performed 10 site visits following the initial five day startup operation on July 23, 2000. During each site visit, the system was inspected and restarted if a shut down



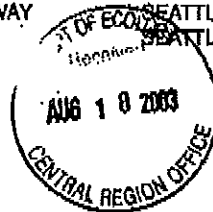
SEATTLE  
TACOMA  
PORTLAND  
STOCKTON  
RENO  
RICHMOND  
LOS ANGELES



Y  
A  
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I  
M  
A

# TIME OIL CO.

2737 WEST COMMODORE WAY  
P.O. BOX 24447



PHONE 206-2400  
CABLE ADDRESS: TIMOIL  
(FAX) 206-283-8036

SEATTLE, WA 98199-1233  
SEATTLE, WA 98124-0447

August 13, 2003

Mr. Norm Hepner  
Washington State Department of Ecology  
Central Region  
15 West Yakima Avenue  
Yakima, WA 98902-3387

RE: Transmittal of April 2003 Groundwater Monitoring and  
Remediation System Operation & Maintenance Report

Time Oil Co. Property 01-068; Valley View Market  
107 W. Lincoln Avenue; Sunnyside, Washington

UST # 4108

Dear Mr. Hepner,

Please find enclosed herewith a copy of the above referenced report produced for Time Oil Co. by GeoEngineers, Inc. The following paragraphs present a discussion of recent site activity, a synopsis of conditions encountered during the April 2003 groundwater monitoring event, a summary of remediation system operation & maintenance activities, and our plans for future work. Please refer to the enclosed report for more detailed descriptions of the work.

### Recent Site Activity:

The site's UST system was permanently decommissioned by removal in April 2003. Over 500 tons of gasoline impacted soil was excavated from beneath the former UST system location following decommissioning. Unimpacted soil samples were collected from the limits of the resulting excavation. Impacted soil was transported off-site for treatment by thermal desorption at the Remtech, Inc. facility in Spokane. A report describing UST system removal and environmental excavation activities was recently submitted to your attention.

The remediation system was upgraded in July 2003 through the replacement of three extraction wells that were not appropriately designed for dual phase extraction activities (MW-4, MW-5 and MW-9) and installation of an additional extraction well immediately adjacent to the location of monitoring well MW-6. Monitoring well MW-6 was abandoned as a portion of the drilling activities. The new extraction wells have been connected to the treatment system which is now operational. Two 2,000-pound vapor phase carbon vessels were installed on the treatment system's vapor effluent line in order to guard against the discharge of unacceptable concentrations of hydrocarbon vapors following installation of the new extraction wells. The remediation system enhancements will be documented in the next quarterly groundwater monitoring/remediation system operation & maintenance report.

We are hopeful that removal of heavily contaminated source soil from the area beneath the former UST system location, and completion of the remediation system upgrade, will help to accelerate the pace of remediation.

### April 2003 Groundwater Monitoring Event:

#### Groundwater Monitoring Program:

Monitoring wells MW-1 through MW-18 and remedial wells RW-1 through RW-7 were gauged and/or sampled on April 22, 2003. A measurable thickness of free product (0.09 feet) was present in monitoring well MW-6; however, this well was sampled after the product was bailed from the well. Wells MW-14 and

848 days between August 2000 and April 2003. A system run-time log is presented as Table 2 of the enclosed report.

Analytical results from air and water discharge samples have indicated compliance with applicable permit requirements since the system began full-time operation on August 8, 2000. The most recent discharge compliance samples discussed in this report were collected on April 22, 2003. Analytical results from air and water discharge samples are respectively transmitted to the YRCAA and the City of Sunnyside/Ecology in accordance with the reporting schedules listed in the site's air and water discharge permits.

Analytical results from untreated soil vapor and groundwater samples collected on April 22, 2003 indicate that the system was recovering approximately 1.04 pounds of gasoline per day. Results of historical pre-treatment soil vapor and groundwater samples indicate that the system has recovered approximately 4,779 pounds of gasoline since it became operational in August 2000.

**Conclusions:**

Results of the April 2003 groundwater monitoring event indicate that the area of affected groundwater remains sufficiently defined by low to non-detectable analytical results from monitoring wells MW-1, MW-2, MW-3, MW-7, MW-8, MW-10, MW-11, MW-12, MW-17 and RW-5. Remediation system operation appears to have greatly reduced the amount of free product beneath the site; however, significant groundwater impacts remain present in the central area of the plume. Significant contaminant concentration decreases observed in several wells during recent monitoring events may indicate that free product accumulations have been mostly depleted.

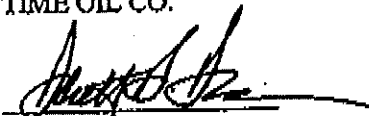
**Recent/Future Work:**

Quarterly groundwater monitoring and remediation system operation & maintenance will continue throughout 2003. Groundwater monitoring will be conducted on a January, April, July, and October schedule. Results of a groundwater monitoring event conducted in July 2003 will be presented in a forthcoming report. The next groundwater monitoring event is scheduled for October 2003.

Separate letter reports documenting results of treated water and air sample analytical testing conducted to verify discharge permit compliance are submitted to the City of Sunnyside, Ecology (Water Quality Division), and the YRCAA per schedules listed in the site's permits.

If you have any questions or comments concerning this letter, the report, or the information contained within either, please call me at (206) 286-6457.

Sincerely,  
TIME OIL CO.



Scott B. Sloan, R.G., L.Hg.  
Sr. Environmental Project Manager

Encl: April 2003 Groundwater Monitoring/Operations & Maintenance Report

cc: Mr. Brian Carter - Washington Hills Cellars  
Mr. Mark Engdahl - GeoEngineers (w/o enclosure)

reporting. Our scope of services for this event included the following:

1. Measure depth to groundwater in 18 on-site groundwater monitoring wells and seven recovery wells. These measurements were used to calculate groundwater table elevations, and estimate the general direction and gradient of shallow groundwater flow.
2. Sample groundwater from the monitoring wells MW-1 through MW-18, recovery wells RW-1 through RW-7, and the Washington Hills Cellars (WHC) Production well. Samples were submitted to North Creek Analytical (NCA) of Bothell, Washington for chemical analysis of gasoline-range petroleum hydrocarbons (GRPH) by Northwest Method NWTPH-Gx, and the aromatic compounds benzene, toluene, ethylbenzene, and total xylenes (BTEX) by Environmental Protection Agency (EPA) Method 8021B.
3. Evaluate groundwater chemical data with respect to applicable regulatory criteria.
4. Include results of both field measurements and chemical analytical data in this report.
5. Conduct scheduled quarterly O&M visits. Site O&M visits also were conducted if the remedial system shuts down. During this reporting period, four O&M visits were conducted to perform system restart procedures.
6. Conduct the following activities during O&M visits: record organic vapor measurements from the liquid ring pump, tray stripper, and discharge using a photoionization detector (PID); measure air velocity (and calculate air flow from air velocity measurements) through each of the above listed locations using a handheld anemometer; record applied vacuums at the extraction lines and the moisture knockout tanks; adjust flow valves and gauges as necessary to optimize system performance; and conduct routine equipment maintenance activities.
7. Collect an effluent vapor sample from the operating system at the discharge stack into a tedlar bag during scheduled quarterly sampling events. The vapor sample was submitted to NCA for analysis of GRPH by Northwest Method NWTPH-Gx and BTEX by EPA Method 8021B.
8. Prepare a quarterly groundwater monitoring and remedial systems progress report with a summary of groundwater monitoring results, remedial activities, results of vapor sampling events, and our conclusions.

### **SITE AND PROJECT HISTORY**

Time Oil Company Property No. 01-068 is located at 107 West Lincoln Avenue in Sunnyside, Washington. Two underground storage tanks (USTs) and product dispensers are located in the northern portion of the property. A convenience store and associated paved parking area occupy the remainder of the site. The ground surface at the site is paved with asphalt except in the UST area, which is covered with concrete.

Between February and March 1997, site assessment activities were performed, including a drive point assessment consisting of a total of 16 borings both on-site, and off-site in First Avenue located east of the site. Based on the drive point assessment results, eight monitoring wells (MW-1 through MW-8) were installed. Wells MW-1 through MW-5 were installed on site

quarterly event, recovery wells RW-6 and RW-7 are sampled in addition to the previously listed wells. Groundwater samples are analyzed for GRPH and BTEX during quarterly events.

### **GROUNDWATER ELEVATION AND FLOW DATA**

On April 22, 2003, GeoEngineers measured the depth to groundwater in the 18 monitoring and 7 recovery wells. The depth to groundwater ranged from 13.41 feet (MW-1) to 26.18 feet (RW-2) as measured from the top of the polyvinyl chloride (PVC) well casings. Monitoring wells MW-14 and MW-15 contained less than 0.50 feet of water and were considered dry. Liquid petroleum hydrocarbons (LPH) were detected in monitoring well MW-6 with a measured thickness of 0.09 feet. Monitoring well MW-6 was sampled following the removal of LPH to determine dissolved phase GRPH concentrations.

Average groundwater elevations, as measured in the monitoring wells located west of First Avenue, decreased approximately 0.30 feet since the January 2003 monitoring event. Average groundwater elevations, as measured in the remaining monitoring wells located east of First Avenue, increased approximately 0.50 feet since the January 2003 monitoring event. Groundwater elevations, as measured in these wells were within normal seasonal fluctuation ranges.

Based upon the groundwater measurements collected on April 22, 2003, groundwater flow generally is towards the southeast across the site. An approximate groundwater gradient has been calculated and a groundwater elevation map is presented as Figure 3. Gradient across the site varies from 0.104 feet/foot (10.4 feet vertical fall in 100 feet horizontal), measured from MW-1 to MW-7 in the western portion of the site to 0.034 ft/ft (3.4 feet of vertical fall in 100 feet horizontal) measured from MW-7 to MW-12 in the eastern portion of the site. Table 1 presents a summary of the historical groundwater elevation data collected from the site. Field methods are described in Attachment A.

### **GROUNDWATER ANALYTICAL DATA**

Following groundwater level measurements, approximately three to four well casing volumes of groundwater were purged from the site wells and approximately 40 gallons of water were purged from the WHC production well on April 22, 2003. Purge water was placed into 55-gallon drums to let the sediment settle out, then discharged and treated through the remedial system.

After well purging activities, groundwater samples were collected from the site wells. Samples were submitted to NCA for analysis of GRPH by Northwest Method NWTPH-Gx and BTEX by EPA Method 8021B. A duplicate sample, labeled Duplicate, was collected from well MW-18. Groundwater samples collected from wells MW-8 and RW-4 were damaged during shipping to NCA. The wells were re-sampled on April 24, 2003 and submitted for analysis.

Results of the April 2003 sampling event indicate the samples collected from 12 wells (MW-4, MW-5, MW-6, MW-9, MW-13, MW-16, MW-18, RW-1, RW-2, RW-3, RW-6, and RW-7) contained concentrations of petroleum hydrocarbons (GRPH and/or individual BTEX

site visit with a PID in parts per million (ppm). The most recent analytical results collected from the vapor stream on April 22, 2003, indicate that the respective removal rates for benzene and GRPH are currently 0.039 and 1.04 pounds per day. Analytical test certificates for the off-gas samples are presented in Attachment C.

Since the remedial system has been in operation, the total estimated weight of benzene and TPH removed from the subsurface has been calculated based on flow rate, laboratory analysis, and total time of system operation. An estimated 276 pounds of benzene and 4,779 pounds of GRPH, or approximately 775 gallons of petroleum hydrocarbons (based on the average weight of gasoline at 6.17 pounds/gallon), have been removed from the soil and groundwater in vapor phase from system startup through April 30, 2003. Cumulative Benzene and GRPH Removal vs. Time, Figure 4 presents cumulative weight of benzene and GRPH removed vs. time.

### **GROUNDWATER RECOVERY MONITORING RESULTS**

Groundwater discharge samples are collected quarterly to assure permit compliance. During each quarterly event, total cumulative flow, system operation time and groundwater discharge samples are recorded and collected. Table 4 presents the system runtime log. Table 5 presents the analytical test data for the treated groundwater. Laboratory analytical test certificates are enclosed in Attachment D.

Results of the quarterly sampling indicate compliance with permit requirements. The average recovery rate from the shallow aquifer was calculated at 0.86 gpm from January 23, 2003 to April 22, 2003. About of 1,576,181 gallons of groundwater has been recovered and treated by the remedial system, which has operated for a total of approximately 848 days.

### **REMEDIAL SYSTEM EVALUATION**

The remedial system located at the subject site is operating at optimum conditions for removal of petroleum hydrocarbons from the soil and groundwater. To date, the estimated vapor extraction removal rates are currently 276 pounds of benzene and approximately 4,779 pounds of petroleum hydrocarbons removed from the subsurface soil and groundwater.

### **CONCLUSIONS**

Results of the April 2003 groundwater monitoring and sampling event indicate groundwater flow direction is consistent with previous events. The hydraulic gradient was within the normal range observed during monitoring events at the site. Groundwater depths as measured in the 18 monitoring and 7 recovery wells ranged from 13.41 feet (MW-1) to 26.18 feet (RW-2) below the top of casings. Groundwater flow is towards the southeast at an approximate gradient of 0.104 feet/foot (10.4 feet vertical fall in 100 feet horizontal), measured from MW-1 to MW-7 to 0.034 ft/ft (3.4 feet of vertical fall in 100 feet horizontal) measured from MW-7 to MW-12.

Results of the April 2003 sampling event indicate the samples collected from wells MW-4, MW-5, MW-6, MW-9, MW-13, MW-16, MW-18, RW-1, RW-2, RW-3, RW-6, and RW-7



We appreciate the opportunity to provide these continued services to Time Oil Co. Please call if you have questions about this report.

Respectfully submitted,

GeoEngineers, Inc.

*Jonathan E. Holden Sr*

Mark B. Engdahl  
Environmental Geologist

*EB (for)*

Eugene N.J. St. Godard, P.G., R.H.G.  
Associate Hydrogeologist

MBE: ENJS: tm

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#### Attachments

- Table 1 – Historical Groundwater Summary
- Table 2 – System Influent Vapor Concentrations
- Table 3 – Benzene, BTEX, and GRPH Removal Calculations
- Table 4 – System Runtime Logs
- Table 5 – Historical Groundwater Discharge Data

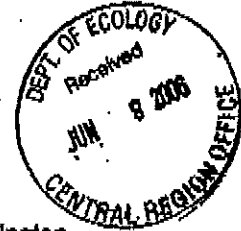
- Figure 1 – Vicinity Map
- Figure 2 – Site Plan
- Figure 3 – Groundwater Elevations and Hydrocarbon Concentrations – 4/22/03
- Figure 4 – Cumulative Benzene and GRPH Removed vs. Time

- Attachment A – Field Methods
- Attachment B – Chemical Analytical Data
- Attachment C – Analytical Test Certificates – O&M – Vapor Recovery System
- Attachment D – Analytical Test Certificates – O&M – Groundwater Recovery System

Date: June 5, 2006

**GROUNDWATER MONITORING REPORT  
First Quarter of 2006**

**Time Oil Co.  
Facility #01-068  
Sunnyside, Washington**



Property Address: 107 West Lincoln Avenue, Sunnyside, Washington  
Client Contact: Mark Chandler, Environmental Specialist  
Client Work Order/Purchase Order: WOR1068SES1  
Primary Regulatory Agency/ID: Washington Department of Ecology / #24231643  
SES Project Number: 0440-016-01  
SES Project Manager: Ryan Bixby, LG #1691  
Frequency of Groundwater Sampling: Quarterly  
Owner / Property Land Use: Sun Investment, Inc. / Convenience Store  
Off-Property Land Use: Washington Hill Cellar, Commercial, Residential

**Work Performed During First Quarter of 2006 (January to March 2006)**

- Measured depth to water in the 25 monitoring and recovery wells (MW-01, MW-02, MW-03, RMW-04, RMW-05, MW-07, MW-08, RMW-09, MW-10 through MW-18, and RW-01 through RW-08) on January 10, 2006, and calculated groundwater elevations, flow direction, and gradient based on the water level measurements.
- Collected groundwater samples from 22 of the monitoring wells on January 10 and 11, 2006 using low-flow techniques. A sample was also collected from the Washington Hills Cellars production well WHC. Monitoring wells MW-13, MW-14, and MW-15 either were dry or did not produce sufficient water to sample.
- Submitted the groundwater samples for laboratory analysis of gasoline-range petroleum hydrocarbons by Northwest Method NWTPH-Gx; the aromatic compounds benzene, toluene, ethylbenzene, and xylenes and oxygenates (methyl tertiary-butyl ether [MTBE], 1,2-dibromoethane, 1,2-dichloroethane, etc.) by U.S. Environmental Protection Agency (EPA) Method 8260B; and total lead by EPA Method 6020.
- Evaluated laboratory results with respect to applicable regulatory criteria.
- Prepared this groundwater monitoring report, along with the attached table and figures.
- Performed monthly operation and maintenance visits for the on-property, dual-phase extraction system.

Groundwater Monitoring Report

Observations

Chemicals of Concern (COCs)\*

COC	Max. Conc. (µg/L)	Location
GRPH	925	RW-06
Benzene	16.1	RW-06
Toluene	8.77	RW-06
Ethylbenzene	10.1	RW-06
Total Xylenes	96.5	RW-06
MTBE	373	RW-02
Lead	2.61	WHC

- GRPH was detected at a concentration in excess of the Model Toxics Control Act (MTCA) Method A Cleanup Level in groundwater collected from recovery well RW-06 (925 µg/L).
- Concentrations of benzene that exceeded the MTCA Method A Cleanup Level were encountered in groundwater collected from recovery wells RW-02, RW-06, and RW-08.
- The groundwater samples collected from MW-18, RW-02, RW-07, and RW-08 contained concentrations of MTBE that exceed the MTCA Method A Cleanup Level. MTBE was encountered in groundwater collected from RMW-09, RW-03, RW-05, and RW-06 at concentrations that did not exceed the cleanup level.
- Total lead was detected at concentrations below the MTCA Method A Cleanup Level in the Washington Hills Cellar (WHC) production well (2.61 µg/L). None of the groundwater samples collected from the monitoring wells or recovery wells contained detectable concentrations of total lead.
- No concentrations of any of the chemicals of concern were detected in groundwater samples collected from wells MW-01, MW-02, MW-03, RMW-05, MW-07, MW-08, MW-10, MW-11, MW-12, MW-16, MW-17, RW-01, or RW-04.

Depth to Groundwater: 11.11 feet below ground surface (bgs) (MW-01) to 24.89 feet bgs (RW-04)

Gradient Direction / Magnitude: Southeasterly / 0.070 feet/foot (MW-01 to MW-12)

Work Proposed for Second Quarter of 2006 (April to June 2006)

- Conduct groundwater sampling and testing at each of the wells in April 2006; and
- Continue the operation and maintenance of the dual-phase extraction system.

\* Chemicals of concern may include those detected at concentrations in excess of MTCA Method A during the current sampling event and/or one or more previous events. Refer to Table 1 and the attached Laboratory Report for additional details.

**Groundwater Monitoring Report**

**Closing**

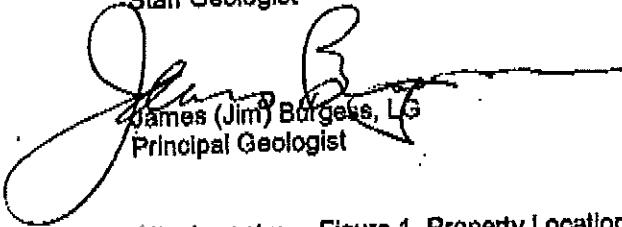
Sound Environmental Strategies Corporation appreciates the opportunity to work with you on this project. Please contact the undersigned at (206) 306-1900 if you have any questions or require additional information.

Respectfully,

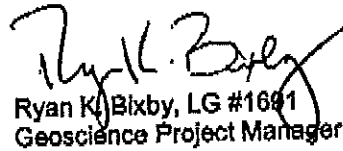
**Sound Environmental Strategies Corporation**



Erin K. Rothman  
Staff Geologist



James (Jim) Burgess, LG  
Principal Geologist

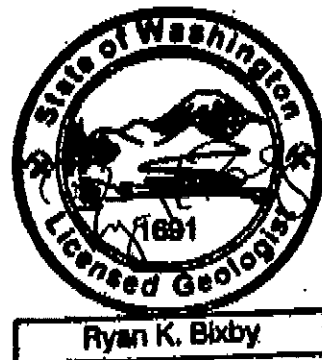


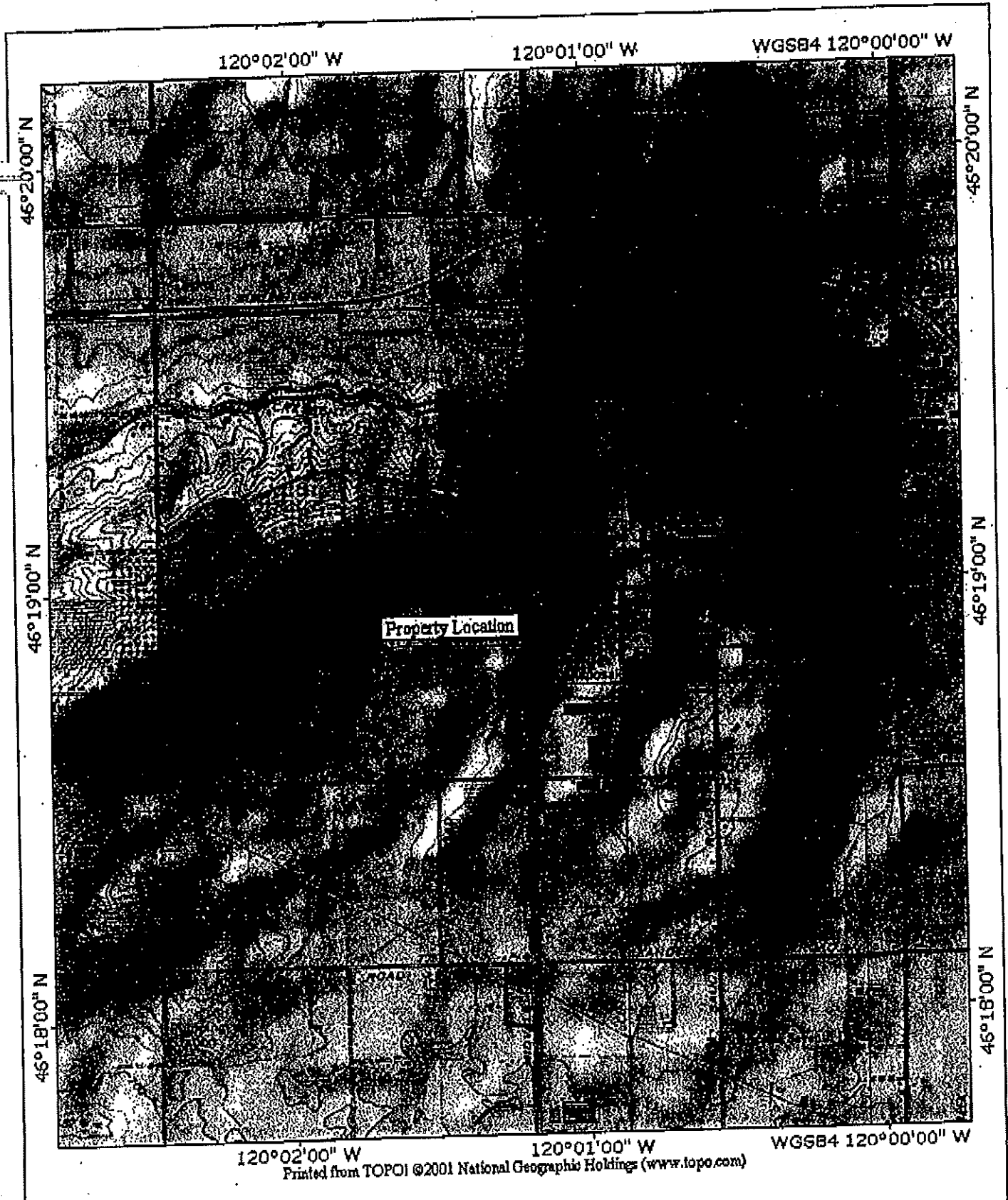
Ryan K. Bixby, LG #1691  
Geoscience Project Manager

Attachments: Figure 1, Property Location Map  
Figure 2, Potentiometric Surface Map  
Figure 3, Groundwater Analytical Results (January 10, 2006)  
Table 1, Historical Groundwater Data  
Laboratory Report

cc: Richard Bassett, Washington State Department of Ecology, Central Region

EKR/JB/RB:syh





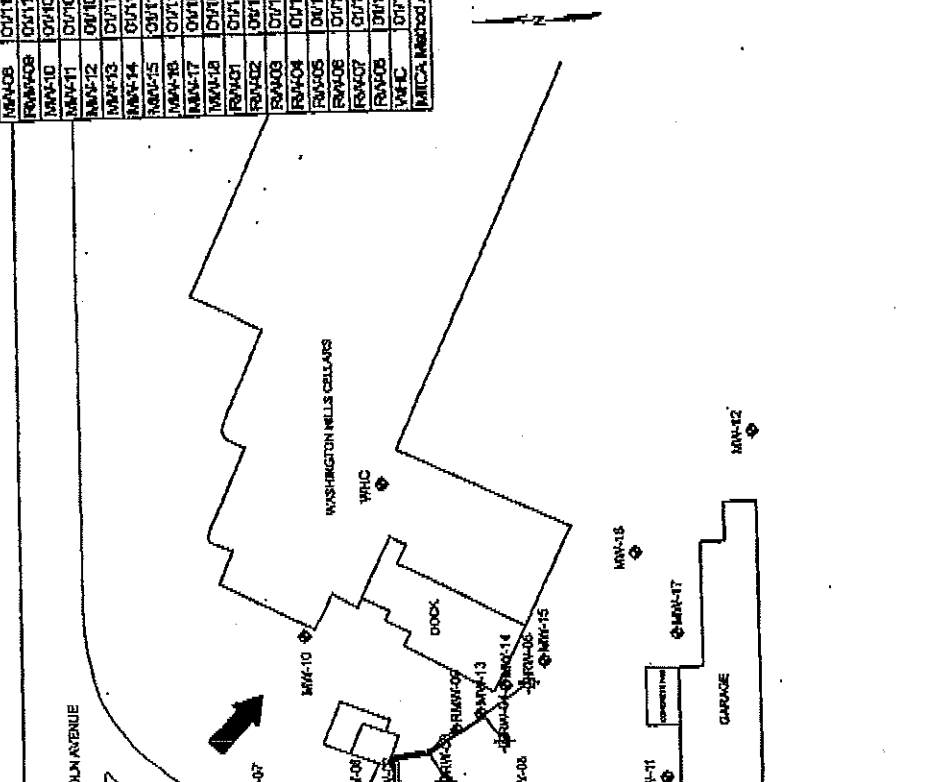
Date: June 5, 2006  
 Drawn By: D. Richardson  
 Chk By: R. Bixby  
 SES Project No.: 0440-016-01  
 File ID: 440-18\_fg\_1\_vicinity\_map.doc

Time Oil Co. Facility #01-068  
 107 West Lincoln Avenue  
 Sunnyside, Washington

**FIGURE 1**  
 Property Location Map

Well ID	Depth	SP-01	RW-01	MW-01	ORPH	MTBE	928	MICA	Method
MW-01	07/11/08	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
MW-02	07/11/08	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
MW-03	07/11/08	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
MW-04	07/11/08	818	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
MW-05	07/11/08	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
MW-06	07/11/08	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
MW-07	07/11/08	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
MW-08	07/11/08	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
MW-09	07/11/08	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
MW-10	07/11/08	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
MW-11	07/11/08	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
MW-12	07/11/08	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
MW-13	07/11/08	Insufficient Water	-	-	-	-	-	-	-
MW-14	07/11/08	Insufficient Water	-	-	-	-	-	-	-
MW-15	07/11/08	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
MW-16	07/11/08	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
MW-17	07/11/08	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
MW-18	07/11/08	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
MW-19	07/11/08	128	8.45	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
MW-20	07/11/08	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
MW-21	07/11/08	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
MW-22	07/11/08	928	16.1	8.77	70.1	86.5	16.2	<1.00	<5.00
MW-23	07/11/08	88.5	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
MW-24	07/11/08	84.2	14.3	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
MW-25	07/11/08	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00
MW-26	07/11/08	1,000/9000	S	1,000	700	1,000	20	<1.00	<5.00

- Legend**
- SP-01 ▲ SPARGE WELL (ABANDONED)
  - RW-01 ♣ RECOVERY WELL (GROUNDWATER AND VAPOR EXTRACTION)
  - MW-01 ♠ MONITORING WELL
  - ORPH GASOLINE-RANGE PETROLEUM HYDROCARBONS
  - MTBE METHYL TERT-BUTYL ETHER
  - 928 (RED) REPORTED CONCENTRATION (MCA) EXCEEDS MICA METHOD. A CLEANUP LEVELS FOR GROUNDWATER.
  - ➔ DIRECTION OF SHALLOW GROUNDWATER MOVEMENT (JANUARY 10, 2006)



REFERENCE: "FIGURE 2", GEOENGINEERS, 2/28/2005

**FIGURE 3**  
GROUNDWATER ANALYTICAL RESULTS

DATE: 03/23/06  
DRAWN BY: HCL  
CHK BY: RKB  
CAD FILE: 01-068\_2006\_10\_GD

PROJECT NAME:  
LOCATION:  
SES PROJECT NUMBER:

TIME: OIL CO. FACILITY #01-068  
107 WEST LINCOLN AVENUE  
SUNNYSIDE WASHINGTON  
04-40-016-01

**ENVIRONMENTAL ENGINEERS**

10480  
ENVIRONMENTAL ENGINEERS

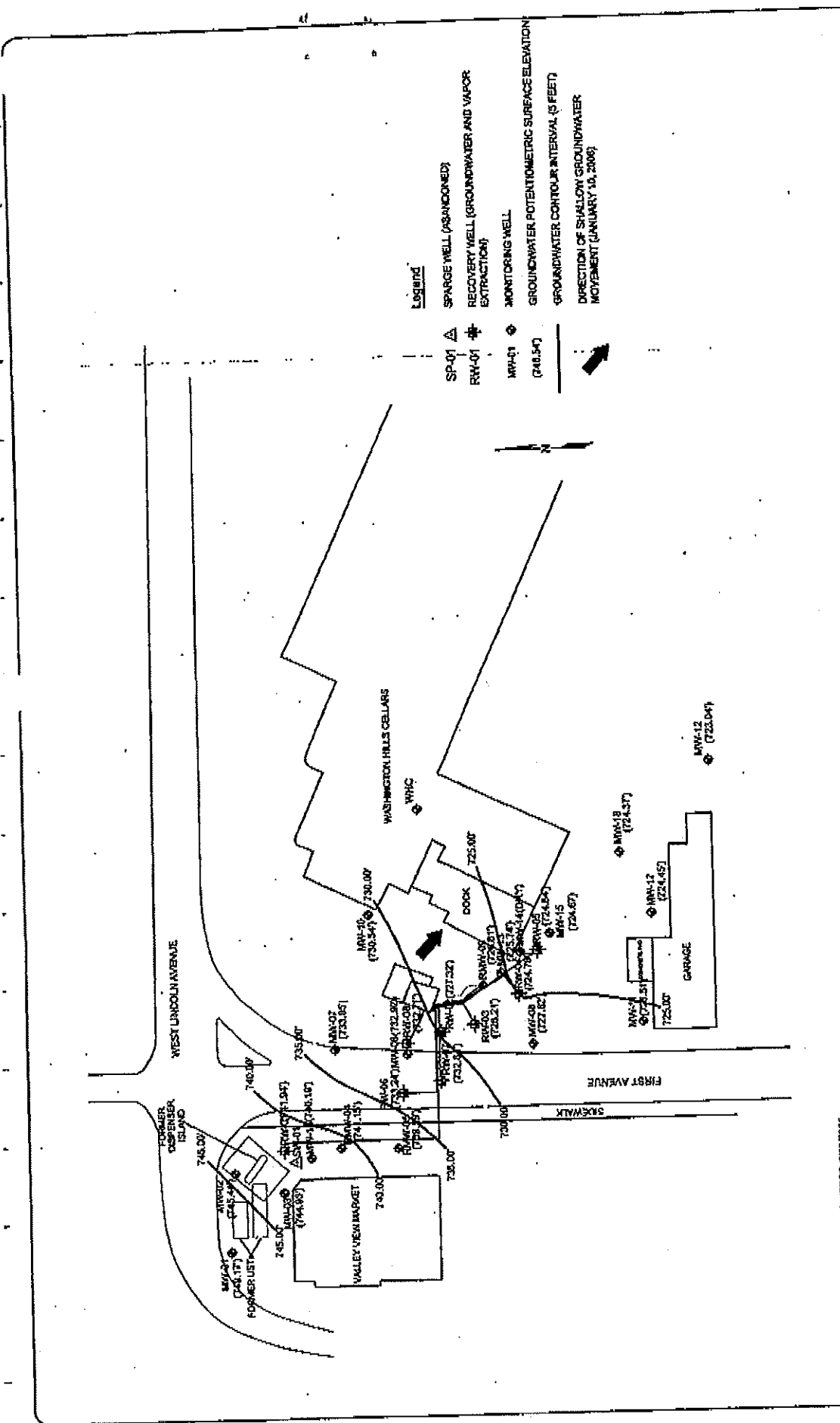


FIGURE 2  
 POTENTIOMETRIC SURFACE MAP  
 (JANUARY 10, 2006)

50 25 0 50  
 SCALE IN FEET

TIME OIL CO. FACILITY #01-06B  
 107 WEST LINCOLN AVENUE  
 SUNNYSIDE, WASHINGTON  
 0440-016-01

PROJECT NAME:  
 LOCATION:  
 SES PROJECT NUMBER:

DATE: 03/23/06  
 DRAWN BY: HCL/EKR  
 CHK BY: RMB  
 CAD FILE: 01-06B 2306 10 CM

REFERENCE: FIGURE 2, GEOTECHNICAL ENGINEERS, 2/28/2005

**SAUNDERS ENVIRONMENTAL STRATEGIES**  
 www.saundersenvironmental.com



**Table 1**  
**Historical Groundwater Data<sup>1</sup>**  
**Time Oil Co., Facility No. 01-068**  
**107 West Lincoln Avenue, Sarnyside, Washington**

Well ID	Sample Date	Depth to Groundwater (feet)	Groundwater Elevation (feet)	Measurable SPH (feet)	GRM	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Total Lead
MW-01 TOC Elevation 760.28	03/13/97	10.79	749.49	--	<80.0	<0.500	<0.500	<0.500	<1.00	--	--
	08/12/97	10.86	749.42	--	<80.0	<0.500	<0.500	<0.500	<1.00	--	--
	09/16/97	10.50	749.38	--	<80.0	<0.500	<0.500	<0.500	<1.00	--	--
	12/16/97	10.63	749.85	--	<80.0	<0.500	<0.500	<0.500	<1.00	--	--
	04/07/98	12.50	747.78	--	<80.0	<0.500	<0.500	<0.500	<1.00	--	--
	07/02/98 <sup>2</sup>	11.89	748.59	--	<250	<0.500	<0.500	<0.500	<1.50	--	--
	08/28/98	10.98	749.30	--	--	--	--	--	--	--	--
	10/21/98 <sup>2</sup>	10.83	749.65	--	<250	<0.500	<0.500	<0.500	<1.50	--	--
	01/27/99 <sup>2</sup>	12.38	747.92	--	<100	<0.500	<0.500	<0.500	<1.50	--	--
	04/14/99	13.47	746.81	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	07/07/99	11.05	748.33	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	10/25/99	10.69	749.59	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	01/18/00	12.37	747.01	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	05/01/00	13.29	748.99	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	07/09/00	12.32	747.98	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	10/10/00	11.43	748.95	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	01/03/01	12.42	747.86	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	04/03/01	13.07	746.31	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	07/03/01	12.71	747.57	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	10/22/01	11.40	748.88	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	01/29/02	12.88	747.40	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	04/17/02	14.29	745.99	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	07/08/02	13.21	747.07	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	10/15/02	11.74	748.54	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	01/23/03	12.91	747.37	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	04/22/03	13.41	746.87	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	07/10/03	12.38	747.90	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	01/15/04	13.21	747.07	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	04/27/04	15.91	744.37	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	07/13/04	12.24	748.04	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	10/15/04	10.68	749.60	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	07/26/05	10.58	749.72	--	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	<1.00
	10/06/05	9.70	760.58	--	<50.0	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00
01/11/06	11.11	749.17	--	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	<1.00	
MW-02 TOC Elevation 759.43	03/13/97	12.54	748.89	--	<80.0	<0.500	<0.500	<0.500	<1.00	--	--
	08/12/97	12.78	748.65	--	<80.0	<0.500	<0.500	<0.500	<1.00	--	--
	09/16/97	12.00	747.43	--	<80.0	<0.500	<0.500	<0.500	<1.00	--	--
	12/16/97	12.82	746.81	--	<80.0	<0.500	<0.500	<0.500	<1.00	--	--
	04/07/98	14.48	744.95	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	07/02/98 <sup>2</sup>	14.04	745.39	--	<250	<0.500	<0.500	<0.500	<1.00	--	--
	08/28/98	13.32	746.11	--	--	--	--	--	--	--	--
	10/21/98 <sup>2</sup>	13.09	748.34	--	<250	<0.500	<0.500	<0.500	<1.5	--	--
	01/27/99 <sup>2</sup>	14.60	744.83	--	<100	<0.500	<0.500	<0.500	<1.5	--	--
	04/14/99	15.76	743.67	--	<50.0	<0.500	<0.500	<0.500	1.48	--	--
	07/07/99	14.64	744.79	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	10/25/99	13.32	746.11	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	01/18/00	14.71	744.72	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	05/01/00	15.56	743.87	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	07/09/00	14.79	744.64	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	10/10/00	14.87	744.78	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	01/03/01	15.56	743.87	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	04/03/01	18.78	742.87	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	07/03/01	15.63	743.80	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	10/22/01	14.43	745.00	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	01/29/02	18.17	743.26	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	04/17/02	17.37	742.06	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	07/08/02	16.72	742.71	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	10/15/02	15.05	744.38	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	01/23/03	16.30	743.13	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	04/22/03	16.61	742.82	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	07/10/03	15.61	743.82	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
01/15/04	16.74	742.69	--	--	--	--	--	--	--	--	
04/27/04	17.95	741.48	--	--	--	--	--	--	--	--	
07/13/04	16.37	743.06	--	--	--	--	--	--	--	--	
10/15/04	14.83	744.60	--	--	--	--	--	--	--	--	
07/26/05	13.71	745.72	--	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	<1.00	
10/06/05	12.73	746.70	--	--	--	--	--	--	--	--	
01/11/06	13.99	745.44	--	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	<1.00	



Well ID	Sample Date	Groundwater (ft)	TOC (ppm)	Mass of SP (ppm)	GRM	Benzene	Toluene	Elm/benzene	TOC	MTBE	Total Lead
MW-03 TOC Elevation 766.11	03/13/97	11.81	746.30	--	12,900	985	2,410	384	1,540	--	--
	08/12/97	13.04	745.07	--	4,430	593	1,240	159	1,190	--	--
	08/16/97	11.30	748.81	--	36,800	1,670	5,230	706	1,840	--	--
	12/16/97	11.78	748.33	--	28,300	1,210	5,500	1,010	5,190	--	--
	04/07/98	13.88	744.43	--	1,300	55.0	60.9	94.0	120	--	--
	07/02/98	13.27	744.84	--	2,000	38.0	90.0	23	180	--	--
	08/28/98	12.44	745.67	--	--	--	--	--	--	--	--
	10/21/98	12.38	745.73	--	5,600	24.0	510	250	820	--	--
	01/27/99	13.81	744.30	--	370	3.80	1.80	17	8.50	--	--
	04/14/99	14.91	743.20	--	59.4	0.542	0.588	<0.500	1.57	--	--
	07/07/99	13.81	744.30	--	289	14.4	3.58	19.9	28.9	--	--
	10/25/99	12.80	745.51	--	4,210	26.4	45.1	269	624	--	--
	01/18/00	13.97	744.14	--	103	<0.500	<0.500	0.636	2.1	--	--
	05/01/00	14.75	743.36	--	86.7	5.84	2.70	3.06	6.21	--	--
	07/09/00	14.98	749.13	--	225	20.6	6.53	18.1	26.9	--	--
	10/10/00	14.06	744.05	--	235	8.81	1.09	10.2	22.0	--	--
	01/03/01	15.02	743.09	--	<50.0	<0.500	<0.500	<0.500	<0.500	--	--
	04/03/01	16.05	742.08	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	07/03/01	14.85	743.28	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	10/22/01	13.80	744.31	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	01/29/02	15.67	742.44	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	04/17/02	16.70	741.41	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	07/08/02	16.11	742.00	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	10/15/02	14.38	743.73	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	01/23/03	15.73	742.38	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	04/22/03	15.92	742.19	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	07/10/03	15.00	743.11	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	01/15/04	16.32	741.78	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	04/27/04	17.55	740.56	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	07/13/04	15.83	742.28	--	--	--	--	--	--	--	--
	10/15/04	14.43	743.88	--	--	--	--	--	--	--	--
	07/26/05	12.54	745.57	--	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	<1.00
	10/05/05	11.57	746.54	--	--	--	--	--	--	--	--
01/11/06	13.18	744.93	--	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	<1.00	
MW-04 TOC Elevation 755.70	03/13/97	14.75	740.95	0.00	122,000	19,000	29,900	2,330	1,210	--	--
	08/12/97	15.80	739.81	0.30	--	--	--	--	--	--	--
	08/16/97	14.73	740.97	0.00	185,000	26,700	35,100	2,530	15,900	--	--
	12/16/97	15.22	740.48	0.00	149,000	20,900	25,300	1,610	12,200	--	--
	04/07/98	15.59	740.11	0.30	--	--	--	--	--	--	--
	07/02/98	16.47	739.23	Trace	--	--	--	--	--	--	--
	08/28/98	16.09	739.81	0.02	--	--	--	--	--	--	--
	10/21/98	16.18	739.32	Trace	--	--	--	--	--	--	--
	01/27/99	17.04	738.66	0.01	--	--	--	--	--	--	--
	04/14/99	17.87	737.83	0.03	--	--	--	--	--	--	--
	07/07/99	17.56	738.14	0.38	--	--	--	--	--	--	--
	10/25/99	16.42	739.28	0.40	--	--	--	--	--	--	--
	01/18/00	17.85	737.85	0.70	--	--	--	--	--	--	--
	05/01/00	18.43	737.27	0.93	--	--	--	--	--	--	--
	07/09/00	16.96	738.74	0.83	229,000	22,200	45,700	4,590	28,200	--	--
	10/10/00	17.87	737.83	0.00	40,400	7,970	8,890	321	5,190	--	--
	01/03/01	18.88	736.84	0.00	25,000	4,120	4,270	443	3,060	--	--
	04/03/01	18.85	736.85	0.00	20,900	2,490	3,250	284	2,490	--	--
	07/03/01	17.87	738.13	0.00	41,900	4,640	5,980	673	6,670	--	--
	10/22/01	17.47	738.23	0.00	17,600	2,580	1,880	373	3,290	--	--
	01/29/02	18.06	736.64	0.00	26,200	2,180	1,180	384	5,660	--	--
04/17/02	19.02	736.68	0.00	21,000	1,880	1,310	431	4,710	--	--	
07/08/02	18.43	736.27	0.00	1,360	35.3	14.2	17.1	106	--	--	
10/15/02	17.60	738.10	0.00	16,500	922	954	430	2,300	--	--	
01/23/03	18.17	736.53	0.00	20,500	1,750	608	577	3,640	--	--	
04/22/03	18.50	736.20	0.00	14,200	842	584	568	2,450	--	--	
07/10/03	18.29	737.41	--	3,850	375	55.0	140	615	--	--	
RMW-04 TOC Elevation 757.31	10/22/03	20.00	737.31	--	--	--	--	--	--	--	--
	01/15/04	21.05	736.26	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	04/27/04	22.48	734.83	--	892	67.1	10.8	22.9	37.8	--	--
	07/13/04	20.18	737.13	--	261	1.76	<0.500	0.568	1.49	--	--
	10/15/04	18.89	738.42	--	182	<0.500	<0.500	3.17	1.89	--	--
	07/27/05	14.71	742.60	--	301	<0.500	<0.500	<0.500	1.31	<5.00	<1.00
	10/09/05	13.96	743.35	--	544	<1.00	<1.00	<1.00	<3.00	<5.00	<5.00
	01/11/06	16.16	741.15	--	618	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00

Well ID	Sample Date	Depth Gross (feet)	Gross Depth (feet)	Measurable SP (feet)	GRPH	Benzene	Toluene	Ethyl Benzene	Total Xylenes	MTBE	Total Lead
MW-05 TOC Elevation 754.76	03/13/97	14.84	739.82	0.00	100,000	940	23,500	1,960	9,950	--	--
	06/12/97	15.76	739.00	0.00	114,000	16,300	32,100	1,190	8,200	--	--
	09/18/97	15.18	739.58	0.00	174,000	17,300	38,500	2,440	14,800	--	--
	12/18/97	16.57	739.19	0.00	89,900	18,800	48,900	2,660	16,800	--	--
	04/07/98	16.75	738.01	0.00	151,000	9,900	32,900	2,128	12,000	--	--
	07/02/98	16.80	738.16	0.00	93,000	13,000	43,222	27,000	20,000	--	--
	08/28/98	16.23	738.53	0.00	--	--	--	--	--	--	--
	10/21/98	16.58	738.20	0.01	--	--	--	--	--	--	--
	01/27/99	17.37	737.39	Trace	--	--	--	--	--	--	--
	04/14/99	18.38	738.38	0.33	--	--	--	--	--	--	--
	07/07/99	17.98	739.78	0.59	--	--	--	--	--	--	--
	10/25/99	18.84	737.92	0.42	--	--	--	--	--	--	--
	01/18/00	18.22	736.54	0.77	--	--	--	--	--	--	--
	05/01/00	18.95	735.81	1.37	--	--	--	--	--	--	--
	07/09/00	17.92	738.84	1.75	124,000	1,370	15,800	2,880	16,600	--	--
	10/10/00	18.39	736.37	0.00	20,800	595	3,800	508	2,340	--	--
	01/03/01	19.30	735.45	0.00	8,500	282	1,580	187	1,160	--	--
	04/03/01	19.31	735.45	0.00	12,400	184	1,880	281	1,580	--	--
	07/03/01	18.00	738.76	0.00	29,300	616	4,170	1,050	4,280	--	--
	10/22/01	18.12	738.64	0.00	12,000	496	2,330	479	2,620	--	--
	01/29/02	19.01	735.75	0.00	4,160	40	478	143	1,040	--	--
04/17/02	18.52	735.24	0.00	30,200	218.0	3,050	1,360	6,330	--	--	
07/08/02	18.46	735.30	0.00	1,710	35.9	164	68.1	391	--	--	
10/15/02	17.87	736.99	0.00	18,800	142	1,660	846	3,320	--	--	
01/23/03	19.10	735.58	0.00	4,230	163	386	215	530	--	--	
04/22/03	19.71	735.05	0.00	11,700	303	832	416	1,990	--	--	
07/10/03	18.22	736.54	--	4,270	37.4	168	174	472	--	--	
10/22/03	20.94	733.82	--	2,770	56.2	82.3	30.5	438	--	--	
RMW-05 TOC Elevation 756.77	01/16/04	Dry	--	--	--	--	--	--	--	--	--
	04/27/04	Dry	--	--	--	--	--	--	--	--	--
	07/13/04	21.22	735.58	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	10/15/04	19.05	737.72	--	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	<1.00
	07/27/05	15.18	741.59	--	<50.0	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00
	10/08/05	14.56	742.21	--	<50.0	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00
	01/11/06	17.18	739.59	--	<50.0	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00
	03/13/97	15.97	737.84	0.00	188,000	33,900	27,100	1,860	10,200	--	--
	06/12/97	17.10	736.71	0.18	--	--	--	--	--	--	--
MW-06 TOC Elevation 753.81	09/18/97	16.67	737.14	0.00	893,000	88,500	91,300	9,980	64,500	--	--
	12/18/97	17.08	738.75	0.00	285,000	6,830	85,600	3,500	22,800	--	--
	04/07/98	17.92	735.89	0.18	--	--	--	--	--	--	--
	07/02/98	18.46	735.35	0.26	--	--	--	--	--	--	--
	08/28/98	18.09	735.72	0.18	--	--	--	--	--	--	--
	10/21/98	18.17	735.84	0.02	--	--	--	--	--	--	--
	01/27/99	18.84	734.97	0.09	--	--	--	--	--	--	--
	04/14/99	19.19	734.62	0.00	212,000	53,100	50,000	3,180	19,300	--	--
	07/07/99	19.39	734.42	0.54	--	--	--	--	--	--	--
	10/25/99	19.87	734.24	1.33	--	--	--	--	--	--	--
	01/18/00	20.11	733.70	1.59	--	--	--	--	--	--	--
	05/01/00	20.71	733.10	2.41	--	--	--	--	--	--	--
	07/09/00	21.03	732.78	2.95	--	--	--	--	--	--	--
	10/10/00	23.39	730.42	3.11	--	--	--	--	--	--	--
	01/03/01	22.95	730.86	0.71	--	--	--	--	--	--	--
	04/03/01	23.40	730.41	0.72	--	--	--	--	--	--	--
	07/03/01	21.20	732.81	0.35	--	--	--	--	--	--	--
	10/22/01	20.33	733.48	0.18	--	--	--	--	--	--	--
	01/29/02	22.79	731.02	0.41	--	--	--	--	--	--	--
	04/17/02	22.63	731.18	0.26	--	--	--	--	--	--	--
	07/08/02	22.20	731.61	0.27	--	--	--	--	--	--	--
10/15/02	20.77	733.04	0.14	--	--	--	--	--	--	--	
01/23/03	21.33	732.48	0.10	--	--	--	--	--	--	--	
04/22/03	21.09	732.72	0.09	264,000	38,200	36,400	3,390	28,400	--	--	
07/10/03	20.89	732.92	0.08	--	--	--	--	--	--	--	

Well ID	Sample Date	Groundwater Depth (ft)	Groundwater Elevation (ft)	Measurable SP (ft)	GRPH	Benzene	Toluene	Ethylbenzene	Total Xylene	MIBS	Total Lead
MW-07 TOC Elevation 755.44	03/13/97	16.64	736.80	--	<80.0	0.793	0.685	<0.500	<1.00	--	--
	05/12/97	17.65	737.79	--	<80.0	<0.500	<0.500	<0.500	<1.00	--	--
	09/16/97	17.40	738.04	--	<80.0	<0.500	<0.500	<0.500	<1.00	--	--
	12/16/97	17.66	737.78	--	<80.0	<0.500	<0.500	<0.500	<1.00	--	--
	04/07/98	18.58	736.86	--	<80.0	<0.500	<0.500	<0.500	<1.00	--	--
	07/02/98*	18.87	736.57	--	<250	<0.500	<0.500	<0.500	<1.00	--	--
	08/28/98	18.47	736.97	--	--	--	--	--	--	--	--
	10/21/98*	18.62	736.82	--	<250	<0.500	<0.500	<0.500	<1.50	--	--
	01/27/99*	19.30	736.14	--	<100	<0.500	<0.500	<0.500	<1.50	--	--
	04/14/99	19.91	735.53	--	<50.0	<0.500	0.68	<0.500	<1.00	--	--
	07/07/99	19.75	735.69	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	10/25/99	19.14	736.30	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	01/18/00	19.83	735.81	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	05/01/00	19.67	735.77	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	07/09/00	19.57	735.87	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	10/10/00	21.21	734.23	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	01/03/01	21.79	733.85	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	04/03/01	22.37	733.07	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	07/03/01	21.44	734.00	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	10/22/01	20.65	734.79	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	01/29/02	22.05	733.39	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	04/17/02	22.57	732.87	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	07/08/02	22.39	733.05	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	10/15/02	21.28	734.18	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	01/23/03	21.89	733.55	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	04/22/03	21.62	733.92	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	07/10/03	21.25	734.19	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	01/15/04	24.02	731.42	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	04/27/04	24.45	730.99	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	07/13/04	24.84	730.80	--	--	--	--	--	--	--	--
	10/16/04	23.82	731.62	--	--	--	--	--	--	--	--
	07/27/05	19.90	735.54	--	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	<1.00
10/06/05	19.18	738.26	--	--	--	--	--	--	--	--	
01/10/06	22.39	733.05	--	<50.0	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	
MW-08 TOC Elevation 751.46	03/13/97	17.37	734.09	--	<80.0	1.29	<0.500	<0.500	<1.00	--	--
	06/12/97	18.31	733.16	--	<80.0	1.41	<0.500	<0.500	<1.00	--	--
	09/16/97	18.52	732.94	--	<80.0	1.42	<0.500	<0.500	<1.00	--	--
	12/16/97	18.87	732.59	--	<80.0	1.09	<0.500	<0.500	<1.00	--	--
	04/07/98	19.18	732.30	--	<50.0	0.675	<0.500	<0.500	<1.00	--	--
	07/02/98*	19.59	731.87	--	<250	<0.500	<0.500	<0.500	<1.50	--	--
	08/28/98	19.72	731.74	--	--	--	--	--	--	--	--
	10/21/98*	19.89	731.47	--	<100	<0.500	<0.500	<0.500	<1.50	--	--
	01/27/99*	20.33	731.13	--	<100	<0.500	<0.500	<0.500	<1.50	--	--
	04/14/99	20.54	730.92	--	--	--	--	--	--	--	--
	07/07/99	20.61	730.85	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	10/26/99	20.47	730.99	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	01/18/00	20.36	731.10	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	05/01/00	21.01	730.45	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	07/09/00	20.33	731.13	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	10/10/00	22.67	728.79	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	01/03/01	23.63	727.83	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	04/03/01	23.67	727.79	--	<50.0	<0.500	0.718	<0.500	1.33	--	--
	07/03/01	22.83	728.63	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	10/22/01	22.20	729.28	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	01/29/02	23.49	727.97	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	04/17/02	23.57	727.89	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	07/08/02	23.26	728.20	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	10/15/02	23.03	728.43	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	01/23/03	22.96	728.50	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	04/22/03	22.49	728.97	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	07/10/03	22.25	729.21	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	01/15/04	23.89	727.57	--	--	--	--	--	--	--	--
	04/27/04	24.07	727.39	--	--	--	--	--	--	--	--
	07/13/04	24.00	727.48	--	--	--	--	--	--	--	--
	10/16/04	23.75	727.71	--	--	--	--	--	--	--	--
	07/26/05	21.12	730.34	--	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	<1.00
10/06/05	20.82	730.84	--	--	--	--	--	--	--	--	
01/11/06	23.84	727.82	--	<50.0	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	

Well ID	Sample Date	Depth (ft)	TOC Elevation (ft)	Net Depth (ft)	GRIT	Gravel	Slime	Emulsion	Yield	MIBE	Total Lead	
MW-09 TOC Elevation 750.13	10/21/88	19.50	730.83	0.00	22,000	4,300	5,300	310	2,100	--	--	
	01/27/89	20.85	729.48	0.00	50,000	22,000	21,000	100	9,600	--	--	
	01/27/89	21.70	728.43	0.88	--	--	--	--	--	--	--	
	04/14/89	22.22	727.91	1.28	--	--	--	--	--	--	--	
	07/07/89	21.77	728.98	0.54	--	--	--	--	--	--	--	
	10/25/89	22.00	728.13	1.07	--	--	--	--	--	--	--	
	01/18/00	21.03	729.10	0.08	--	--	--	--	--	--	--	
	05/01/00	21.63	728.50	1.08	--	--	--	--	--	--	--	
	07/09/00	20.83	729.30	1.28	82,900	19,500	17,800	1,680	10,000	--	--	
	10/10/00	23.43	726.70	0.07	--	--	--	--	--	--	--	
	01/03/01	26.20	723.93	0.00	20,500	3,580	3,180	198	2,750	--	--	
	04/03/01	26.20	723.93	0.00	6,530	97.8	308	35.0	634	--	--	
	07/03/01	22.91	727.22	0.00	20,100	2,840.0	3,230	308	3,070	--	--	
	10/22/01	21.80	728.53	0.00	19,000	2,710	1,010	178	3,800	--	--	
	01/29/02	25.70	724.43	0.00	5,570	1,190	573	127	907	--	--	
	04/17/02	25.18	724.95	0.00	521	30.9	14.3	1.39	98.5	--	--	
	07/08/02	25.05	726.08	0.00	5,100	607	271	113	551	--	--	
	10/16/02	24.84	726.29	0.00	4,180	800	311	222	633	--	--	
	01/23/03	24.15	725.98	0.00	138	0.824	<0.500	1.58	6.30	--	--	
	04/22/03	25.25	724.88	0.00	2,980	147	73.6	88.8	347	--	--	
07/10/03	22.78	727.97	--	2,650	181	18.8	99.7	465	--	--		
RMW-09 TOC Elevation 751.68	10/22/03	23.18	729.90	--	129	1.05	0.569	<0.500	12.7	--	--	
	01/15/04	24.55	727.13	--	598	36.4	18.8	34.0	128	--	--	
	04/27/04	25.18	726.60	--	79.3	3.62	0.783	3.27	3.14	--	--	
	07/13/04	25.40	726.28	--	66.5	0.799	<0.500	1.22	<1.00	--	--	
	10/15/04	26.23	726.45	--	77.5	<0.500	<0.500	1.52	1.67	--	--	
	07/28/05	20.24	731.44	--	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	<1.00	
	10/08/05	19.94	731.74	--	98.7	<1.00	<1.00	<1.00	<3.00	5.83	<1.00	
	01/11/06	24.87	728.81	--	<50.0	<1.00	<1.00	<1.00	<3.00	18	<1.00	
	MW-10 TOC Elevation 752.83	10/21/88	19.09	733.74	--	<250	<0.500	<0.500	<0.500	<1.50	--	--
		01/27/89	19.66	733.17	--	<250	<0.500	<0.500	<0.500	<1.50	--	--
04/14/89		20.07	732.70	--	<50.0	<0.500	2.14	0.585	3.44	--	--	
07/07/89		20.10	732.73	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
10/25/89		19.73	733.10	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
01/18/00		20.01	732.82	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
05/01/00		19.82	733.01	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
07/09/00		19.88	732.97	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
10/10/00		19.92	732.91	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
01/03/01		21.16	731.67	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
04/03/01		21.85	731.18	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
07/03/01		21.42	731.41	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
10/22/01		20.52	732.31	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
01/29/02		21.39	731.44	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
04/17/02		21.98	730.87	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
07/08/02		21.89	730.94	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
10/15/02		21.59	731.24	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
01/23/03		21.73	731.10	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
04/22/03		21.39	731.44	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
07/10/03		21.06	731.77	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
01/15/04		22.25	730.58	--	--	--	--	--	--	--	--	
04/27/04		22.51	730.32	--	--	--	--	--	--	--	--	
07/13/04		22.39	730.44	--	--	--	--	--	--	--	--	
10/15/04		21.80	731.03	--	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	<1.00	
07/27/05	20.53	732.30	--	--	--	--	--	--	--	--		
10/08/05	20.38	732.47	--	--	--	--	<1.00	<3.00	<5.00	<1.00		
01/10/06	22.29	730.54	--	<50.0	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00		

Well ID	Sample Date	Depth Groundwater (feet)	Groundwater Elevation (feet)	Measurable SPH (feet)	GRPH	Benzene	Toluene	Ethylbenzene	Total Xylenes	MIBE	Total Lead	
MW-11 TOC Elevation 748.57	08/28/98	19.73	728.84	--	<250	<0.500	0.60	<0.500	<1.50	--	--	
	10/21/98*	20.00	728.57	--	<250	<0.500	<0.500	<0.500	<1.50	--	--	
	01/27/99*	20.12	728.45	--	<100	<0.500	<0.500	<0.500	<1.50	--	--	
	04/14/99	20.32	728.25	--	<50.0	<0.500	<0.500	<0.500	2.07	--	--	
	07/07/99	20.52	728.05	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
	10/25/99	20.35	728.22	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
	01/18/00	19.81	728.76	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
	05/01/00	19.69	728.88	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
	07/08/00	20.04	728.53	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
	10/10/00	21.67	726.90	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
	01/03/01	22.14	728.43	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
	04/03/01	22.20	728.37	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
	07/03/01	22.18	728.39	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
	10/22/01	21.89	728.68	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
	01/29/02	21.80	728.77	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
	04/17/02	22.22	728.35	--	<50.0	<0.500	0.524	<0.500	1.05	--	--	
	07/08/02	22.34	728.23	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
	10/15/02	22.39	726.18	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
	01/23/03	21.70	726.87	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
	04/22/03	21.04	727.53	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
	07/10/03	21.25	727.32	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
	01/15/04	--	--	--	--	--	--	--	--	--	--	
	04/27/04	21.89	728.88	--	--	--	--	--	--	--	--	
	07/13/04	21.97	726.80	--	--	--	--	--	--	--	--	
	10/15/04	22.28	728.29	--	--	--	--	--	--	--	--	
	07/28/05	21.30	727.27	--	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	2.11	
	10/06/05	21.34	727.23	--	--	--	--	--	--	--	--	
	01/10/06	23.08	725.51	--	<50.0	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	
	MW-12 TOC Elevation 744.29	08/28/98	19.30	724.99	--	<250	<0.500	<0.500	<0.500	<1.50	--	--
		10/21/98*	19.51	724.78	--	<250	<0.500	<0.500	<0.500	<1.50	--	--
		01/27/99*	19.50	724.79	--	<100	<0.500	<0.500	<0.500	<1.50	--	--
		04/14/99	19.53	724.78	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
07/07/99		19.78	724.51	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
10/25/99		19.82	724.47	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
01/18/00		19.81	724.68	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
05/01/00		18.95	725.34	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
07/08/00		19.43	724.86	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
10/10/00		20.14	724.15	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
01/03/01		20.28	724.03	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
04/03/01		20.30	723.99	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
07/03/01		20.51	723.78	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
10/22/01		20.57	723.72	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
01/29/02		19.82	724.07	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
04/17/02		20.25	724.04	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
07/08/02		20.49	723.80	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
10/15/02		20.70	723.59	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
01/23/03		19.74	724.55	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
04/22/03		19.20	725.09	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
07/10/03		19.58	724.61	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
01/15/04		--	--	--	--	--	--	--	--	--	--	
04/27/04		19.48	724.81	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
07/13/04		19.49	724.80	--	--	--	--	--	--	--	--	
10/15/04		20.05	724.24	--	--	--	--	--	--	--	--	
07/27/05		20.36	723.93	--	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	<1.00	
10/06/05	20.58	723.71	--	--	--	--	--	--	--	--		
01/10/06	21.25	723.04	--	<50.0	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00		



Well ID	Sample Date	Depth to Groundwater (feet)	Groundwater Elevation (feet)	Measurable SRP (ug/L)	Chloride (mg/L)	Sulfate (mg/L)	Total Diss. Solids (mg/L)	Electrical Conductivity (µmhos/cm)	Iron (mg/L)	Copper (mg/L)	MTBE	Total Lead	
MW-16 TOC Elevation 757.48	07/07/98	17.33	740.15	--	168,000	23,900	28,800	1,730	17,200	--	--	--	
	10/25/99	16.49	740.99	--	187,000	23,100	32,100	2,010	16,700	--	--	--	
	01/18/00	17.35	740.13	--	180,000	20,900	34,000	2,740	22,600	--	--	--	
	05/01/00	17.84	739.64	--	131,000	18,700	25,000	2,180	18,400	--	--	--	
	07/09/00	17.40	740.08	--	--	--	--	--	--	--	--	--	
	10/10/00	19.09	738.39	--	--	--	--	--	--	--	--	--	
	01/03/01	Dry	--	--	--	--	--	--	--	--	--	--	
	04/03/01	19.38	738.12	--	124,000	5,330	10,500	870	17,000	--	--	--	
	07/03/01	18.80	738.88	--	88,200	1,820	1,690	51.2	6,720	--	--	--	
	10/22/01	18.66	738.93	--	41,800	2,000	5,170	273	4,860	--	--	--	
	01/29/02	18.41	738.07	--	27,200	839	2,830	178	3,560	--	--	--	
	04/17/02	Dry	--	--	--	--	--	--	--	--	--	--	
	07/08/02	Dry	--	--	--	--	--	--	--	--	--	--	
	10/15/02	18.95	738.63	--	6,880	487	17.0	97.2	1,910	--	--	--	
	01/23/03	Dry	--	--	--	--	--	--	--	164	--	--	
	04/22/03	19.35	738.13	--	1,380	43.5	14.0	6.00	--	--	--	--	
	07/10/03	Dry	--	--	--	--	--	--	--	--	--	--	
	01/16/04	Dry	--	--	--	--	--	--	558	--	--	--	
	04/27/04	19.42	738.08	--	4,470	85.5	89.3	72.5	--	--	--	--	
	07/13/04	19.89	737.80	--	--	--	--	0.638	38.7	--	--	--	
	10/18/04	19.35	738.13	--	215	3.57	0.820	0.638	2.37	<5.00	<1.00	--	
	07/27/05	16.08	741.40	--	<50.0	<0.500	<0.500	<0.500	--	--	--	--	
	10/06/05	15.27	742.21	--	<50.0	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	--	
	01/17/06	17.29	740.19	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	--	
	MW-17 TOC Elevation 747.27	06/01/00	19.44	727.83	0.00	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	--
		07/09/00	19.80	727.47	0.00	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	--
		10/10/00	21.41	725.88	0.00	<50.0	1.09	<0.500	<0.500	1.03	--	--	--
		01/03/01	21.77	725.50	0.00	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	--
04/03/01		22.03	725.24	0.00	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	--	
07/03/01		21.80	725.47	0.00	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	--	
10/22/01		21.49	725.78	0.00	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	--	
01/29/02		21.72	725.55	0.00	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	--	
04/17/02		21.98	725.29	0.00	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	--	
07/08/02		22.14	725.13	0.00	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	--	
10/15/02		22.38	724.89	0.00	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	--	
01/23/03		21.58	725.89	0.00	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	--	
04/22/03		20.85	728.42	0.00	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	--	
07/10/03		20.95	728.32	0.00	--	--	--	--	--	--	--	--	
01/15/04		21.87	725.40	0.00	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	--	
04/27/04		21.48	725.79	0.00	--	--	--	--	--	--	--	--	
07/13/04		21.55	725.72	0.00	--	--	--	--	--	--	--	--	
10/18/04		21.83	725.44	0.00	--	--	--	<0.500	<1.00	<5.00	<1.00	--	
07/28/05		20.85	726.32	0.00	<50.0	<0.500	<0.500	<0.500	--	--	--	--	
10/06/05		21.08	726.21	--	<50.0	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	--	
01/17/06		22.82	724.45	--	<50.0	10.2	<0.500	<0.500	<1.00	--	--	--	
MW-18 TOC Elevation 747.56		05/01/00	19.87	727.89	0.00	<50.0	11.5	<0.500	<0.500	<1.00	--	--	--
		07/09/00	19.97	727.59	0.00	<50.0	18.7	<0.500	<0.500	<1.00	--	--	--
		10/10/00	21.71	725.85	0.00	<50.0	15.3	<0.500	<0.500	<1.00	--	--	--
		01/03/01	22.00	725.58	0.00	<50.0	8.99	<0.500	<0.500	<1.00	--	--	--
		04/03/01	22.65	725.01	0.00	<50.0	12.0	<0.500	<0.500	<1.00	--	--	--
		07/03/01	22.03	725.63	0.00	<50.0	21.5	<0.500	<0.500	<1.00	--	--	--
		10/22/01	21.84	725.92	0.00	87.1	9.32	<0.500	<0.500	<1.00	--	--	--
	01/29/02	22.35	725.21	0.00	<50.0	12.9	<0.500	<0.500	<1.00	--	--	--	
	04/17/02	22.43	725.13	0.00	51.4	4.94	<0.500	<0.500	<1.00	--	--	--	
	07/08/02	22.68	724.98	0.00	<50.0	4.01	<0.500	<0.500	<1.00	--	--	--	
	10/15/02	22.95	724.81	0.00	<50.0	6.51	<0.500	<0.500	<1.00	--	--	--	
	01/23/03	22.08	725.48	0.00	<50.0	5.27	<0.500	<0.500	<1.00	--	--	--	
	04/22/03	21.32	726.24	0.00	<50.0	5.92	<0.500	<0.500	<1.00	--	--	--	
	07/10/03	21.25	726.31	0.00	<50.0	4.29	<0.500	<0.500	<1.00	--	--	--	
	01/15/04	22.18	725.38	0.00	<50.0	4.29	<0.500	<0.500	<1.00	--	--	--	
	04/27/04	21.86	725.70	0.00	--	--	--	--	--	--	--	--	
	07/13/04	21.92	725.84	0.00	--	--	--	<0.500	<1.00	--	--	--	
	10/15/04	22.07	725.49	--	<50.0	<0.500	<0.500	<0.500	<1.00	78.5	<1.00	--	
	07/28/05	21.05	728.51	--	<50.0	1.48	<0.500	<0.500	<1.00	--	--	--	
	10/06/05	21.13	726.43	--	--	--	--	<1.00	<3.00	47.8	<1.00	--	
	01/17/06	23.19	724.37	--	<50.0	<1.00	<1.00	<1.00	<3.00	47.8	<1.00	--	

Well ID	Sample Date	Depth to Groundwater (ft)	Groundwater Elevation (ft)	Meas. in SP1 (mg/L)	GRPH#	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Total Lead	
RW-01 TOC Elevation 758.75	05/04/00	16.87	738.88	TRACE	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
	07/09/00	16.09	740.58	0.84	175,000	3,780	29,400	3,400	24,800	--	--	
	10/10/00	16.50	740.25	0.00	31,400	2,400	4,890	331	4,790	--	--	
	01/03/01	20.66	736.08	0.04	--	--	--	--	--	--	--	
	04/03/01	20.80	735.95	0.04	82,000	507	980	274	4,980	--	--	
	07/03/01	16.58	740.17	0.04	43,500	2,040	3,010	286	6,280	--	--	
	10/22/01	15.95	740.80	0.04	59,100	3,770	8,100	895	12,400	--	--	
	01/29/02	16.80	739.95	0.04	11,000	349	556	60.9	1,230	--	--	
	04/17/02	21.30	735.45	0.00	21,500	992	1,840	233	3,880	--	--	
	07/08/02	19.35	737.40	0.00	17,200	196	911	136	2,640	--	--	
	10/15/02	16.65	740.10	0.00	17,800	531	1,570	233	3,450	--	--	
	01/23/03	19.60	737.15	0.00	7,470	104	383	33.8	1,810	--	--	
	04/22/03	20.25	736.50	0.00	2,810	49.6	238	38.9	398	--	--	
	07/10/03	17.29	739.46	0.00	1,350	18.7	48.4	19.5	280	--	--	
	10/22/03	18.33	738.42	0.00	2,510	4.72	20.5	17.9	349	--	--	
	01/15/04	19.39	737.38	0.00	1,110	2.08	3.49	19.7	139	--	--	
	04/27/04	21.12	735.63	0.00	<50.0	<0.500	<0.500	0.952	1.19	--	--	
	07/13/04	19.89	738.85	0.00	<50.0	0.537	<0.500	<0.500	1.48	--	--	
	10/15/04	23.05	733.70	0.00	494	1,620	<0.500	0.742	<1.00	<5.00	<1.00	
	07/28/05	13.94	742.81	--	<50.0	<0.500	<0.500	0.931	<1.00	<5.00	<1.00	
10/08/05	13.04	743.71	--	<50.0	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00		
01/11/06	14.81	741.94	--	<50.0	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00		
RW-02 TOC Elevation 751.43	05/04/00	18.71	732.72	0.00	59,500	14,900	17,700	1,480	8,650	--	--	
	07/09/00	19.60	731.83	0.31	57,800	15,000	14,100	1,210	7,850	--	--	
	10/10/00	22.22	729.21	0.00	42,200	9,720	9,680	747	5,250	--	--	
	01/03/01	22.50	728.93	0.00	81,800	10,000	11,000	1,040	14,100	--	--	
	04/03/01	22.48	728.95	0.00	22,500	5,110	3,860	368	2,890	--	--	
	07/03/01	22.07	729.38	0.00	22,200	4,890	2,880	382	2,670	--	--	
	10/22/01	21.05	730.38	0.00	47,900	11,800	4,710	868	6,200	--	--	
	01/29/02	26.50	724.83	0.00	22,300	4,680	2,610	374	2,330	--	--	
	04/17/02	27.00	724.43	0.00	28,500	5,470	2,770	484	3,050	--	--	
	07/08/02	23.27	728.16	0.00	5,540	789	241	86.3	882	--	--	
	10/15/02	21.80	729.63	0.00	18,600	4,070	1,340	259	1,490	--	--	
	01/23/03	23.90	727.53	0.00	11,100	3,210	1,210	202	672	--	--	
	04/22/03	25.18	725.25	0.00	17,500	3,560	1,480	382	1,820	--	--	
	07/10/03	22.08	729.35	0.00	13,200	3,710	1,080	402	1,920	--	--	
	10/22/03	25.60	725.83	0.00	8,100	1,820	488	200	655	--	--	
	01/15/04	25.88	725.77	0.00	3,730	895	188	139	543	--	--	
	04/27/04	26.80	724.83	0.00	1,170	221	25.3	40.1	124	--	--	
	07/13/04	26.90	724.53	0.00	441	108	4.60	10.9	7.47	--	--	
	10/15/04	24.41	727.02	0.00	<50.0	<0.500	<0.500	<0.500	<1.00	13.9	4,890	<1.00
	07/28/05	20.11	731.32	--	1,880	429	<5.00	165	39.8	4,130	<1.00	
10/08/05	19.62	731.81	--	2,990	680	2.38	127	4.99	373	<1.00		
01/11/06	24.11	727.32	--	128	9.45	<1.00	<1.00	--	--	--		
RW-03 TOC Elevation 750.87	05/04/00	19.41	731.46	0.01	--	--	--	--	--	--	--	
	07/09/00	20.72	730.15	0.80	69,900	10,300	8,020	1,040	7,750	--	--	
	10/10/00	23.75	727.12	0.00	22,700	8,480	4,610	378	2,670	--	--	
	01/03/01	26.25	724.62	0.00	32,000	7,130	4,840	421	4,100	--	--	
	04/03/01	26.23	724.64	0.00	39,900	9,260	5,940	590	5,320	--	--	
	07/03/01	22.91	727.96	0.00	12,100	4,260	408	345	2,070	--	--	
	10/22/01	21.66	729.01	0.00	8,850	4,290	82.0	214	1,320	--	--	
	01/29/02	26.00	724.87	0.00	10,800	2,620	414	236	1,330	--	--	
	04/17/02	26.34	724.83	0.00	14,900	3,200	712	396	1,920	--	--	
	07/08/02	26.20	725.87	0.00	7,240	1,880	271	215	927	--	--	
	10/15/02	22.95	727.92	0.00	4,830	1,680	1.59	26.0	34.8	--	--	
	01/23/03	24.43	728.44	0.00	3,270	783	50.1	121	211	--	--	
	04/22/03	26.35	725.52	0.00	3,100	758	48.4	164	153	--	--	
	07/10/03	23.18	727.89	0.00	2,050	511	52.1	94.0	208	--	--	
	10/22/03	26.18	725.89	0.00	2,750	440	27.5	107	285	--	--	
	01/15/04	26.80	725.07	0.00	1,190	225	5.81	58.8	107	--	--	
	04/27/04	26.53	724.34	0.00	427	46.5	<2.50	27.5	18.8	--	--	
	07/13/04	26.85	724.02	0.00	240	17.6	0.621	12.2	2.79	--	--	
	10/15/04	26.25	724.62	0.00	148	6.78	<0.500	9.21	2.43	--	--	
	07/28/05	21.00	729.87	--	<50.0	<0.500	<0.500	<0.500	<1.00	7.38	<1.00	
10/08/05	19.83	731.24	--	<50.0	<1.00	<1.00	<1.00	<3.00	19	<1.00		
01/11/06	24.66	726.21	--	<50.0	<1.00	<1.00	<1.00	<3.00	--	--		



Well ID#	Sample Date	Depth (ft)	Gravel (%)	Water (%)	TOC (%)	TOC (ppm)	TOC (mg/L)	TOC (mg/kg)	TOC (mg/m <sup>3</sup> )	TOC (mg/m <sup>3</sup> )	TOC (mg/m <sup>3</sup> )	TOC (mg/m <sup>3</sup> )	TOC (mg/m <sup>3</sup> )	TOC (mg/m <sup>3</sup> )	TOC (mg/m <sup>3</sup> )
RW-04 TOC Elevation 749.65	05/04/00	19.13	730.52	0.02	--	--	--	--	--	--	6,200	--	--	--	--
	07/09/00	19.93	729.72	0.02	43,100	7,310	6,910	913	92.3	1,870	--	--	--	--	--
	10/10/00	22.06	728.89	0.00	10,000	1,240	729	38	19	287	--	--	--	--	--
	01/03/01	22.06	728.89	0.00	1,410	333	4.38	10.7	98.6	--	--	--	--	--	--
	04/03/01	28.50	723.15	0.00	832	145	4.38	2.80	23.1	--	--	--	--	--	--
	07/03/01	22.81	726.84	0.00	342	35.8	0.800	1.02	32.4	--	--	--	--	--	--
	10/22/01	21.75	727.90	0.00	591	60.0	1.89	1.02	22.8	--	--	--	--	--	--
	01/29/02	24.52	725.13	0.00	354	8.62	0.820	6.71	21.7	--	--	--	--	--	--
	04/17/02	25.55	724.10	0.00	412	2.74	<0.500	8.70	5.31	--	--	--	--	--	--
	07/08/02	23.83	726.02	0.00	181	1.44	<0.500	1.78	1.05	--	--	--	--	--	--
	10/15/02	24.12	725.53	0.00	87.8	1.89	<0.500	3.04	1.01	--	--	--	--	--	--
	01/23/03	23.28	728.39	0.00	82.8	1.01	<0.500	1.05	1.01	--	--	--	--	--	--
	04/22/03	24.45	725.20	0.00	81.8	0.528	<0.500	1.48	2.48	--	--	--	--	--	--
	07/10/03	22.36	727.29	0.00	115	1.01	<0.500	1.48	<1.00	--	--	--	--	--	--
	10/22/03	24.10	725.56	0.00	64.8	<0.500	<0.500	<0.500	2.21	81.4	--	--	--	--	--
	01/15/04	23.97	725.88	0.00	806	15.3	1.27	<0.500	<1.00	--	--	--	--	--	--
	04/27/04	24.24	725.41	0.00	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
	07/13/04	25.45	724.19	0.00	<50.0	<0.500	<0.500	<0.500	<1.00	8.48	<1.00	--	--	--	--
	10/15/04	26.52	723.13	0.00	<50.0	<0.500	<0.500	<0.500	<1.00	5.5	<1.00	--	--	--	--
	07/28/05	20.89	728.78	--	<50.0	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	--	--	--	--
10/08/05	20.71	728.94	--	<50.0	<1.00	<1.00	<1.00	<3.00	<10.0	--	--	--	--	--	
01/11/06	24.89	724.78	--	<50.0	55.9	<0.500	<0.500	1.9	--	--	--	--	--	--	
RW-05 TOC Elevation 748.51	05/04/00	18.89	729.82	0.00	140	88.4	<0.500	<0.500	75.2	--	--	--	--	--	--
	07/09/00	19.88	728.63	0.00	2,580	2,610	<25.0	<25.0	<1.00	--	--	--	--	--	--
	10/10/00	22.30	726.21	0.00	<50.0	35.0	<0.500	<0.500	<1.00	--	--	--	--	--	--
	01/03/01	22.20	728.31	0.00	<50.0	28.5	<0.500	<0.500	<1.00	--	--	--	--	--	--
	04/03/01	25.28	723.23	0.00	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
	07/03/01	22.20	726.31	0.00	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
	10/22/01	21.40	727.11	0.00	<50.0	15.6	<0.500	<0.500	<1.00	--	--	--	--	--	--
	01/29/02	24.87	723.64	0.00	<50.0	6.65	<0.500	<0.500	<1.00	--	--	--	--	--	--
	04/17/02	24.45	724.06	0.00	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
	07/08/02	23.82	724.69	0.00	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
	10/15/02	25.91	722.80	0.00	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
	01/23/03	23.24	725.27	0.00	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
	04/22/03	23.29	725.22	0.00	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
	07/10/03	21.81	726.70	0.00	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
	10/22/03	22.22	726.29	0.00	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
	01/15/04	22.72	725.79	0.00	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
	04/27/04	22.90	725.61	0.00	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
	07/13/04	23.18	725.33	0.00	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	<1.00	--	--	--	--
	10/15/04	23.20	725.31	--	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	<1.00	--	--	--	--
	07/28/05	20.89	727.82	--	<50.0	<1.00	<1.00	<1.00	<3.00	6.35	<1.00	--	--	--	--
10/08/05	20.60	727.91	--	<50.0	<1.00	<1.00	<1.00	<3.00	492	--	--	--	--	--	
01/11/06	23.67	724.84	--	4,130	902	870	181	492	--	--	--	--	--	--	
RW-06 TOC Elevation 754.99	05/04/00	19.33	735.88	--	--	--	--	--	--	--	--	--	--	--	--
	07/09/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/10/00	--	--	0.00	17,900	4,830	3,260	325	2,040	--	--	--	--	--	--
	04/03/01	24.85	730.14	0.00	30,400	5,250	3,890	625	3,290	--	--	--	--	--	--
	04/17/02	26.60	729.39	0.00	57,400	5,840	7,800	1,630	8,070	--	--	--	--	--	--
	04/22/03	25.74	729.25	0.00	5,910	323	31.3	189	585	--	--	--	--	--	--
	04/22/03	27.25	727.74	0.00	362	2.67	1.71	5.82	9.78	57.1	<1.00	--	--	--	--
	07/27/05	17.17	737.82	--	--	--	--	--	--	--	--	--	--	--	--
	10/08/05	Inaccessible	--	--	925	16.1	8.77	10.1	96.5	16.2	<1.00	--	--	--	--
	01/10/06	21.75	733.24	0.00	6,240	1,810	570	138	785	--	--	--	--	--	--
RW-07 TOC Elevation 753.95	05/04/00	19.38	734.59	--	--	--	--	--	--	--	--	--	--	--	--
	07/09/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/10/00	--	--	0.00	11,300	2,390	1,730	187	1,420	--	--	--	--	--	--
	04/03/01	23.93	730.02	0.00	11,600	1,970	658	219	1,400	--	--	--	--	--	--
	04/17/02	21.40	732.55	0.00	3,010	814	63.8	70.6	266	--	--	--	--	--	--
	04/22/03	26.04	727.91	0.00	174	15.7	<0.500	1.29	1.88	12.5	<1.00	--	--	--	--
	07/27/05	18.41	737.54	--	--	--	--	--	--	--	--	--	--	--	--
	10/08/05	Inaccessible	--	--	89.5	<1.00	<1.00	<1.00	<3.00	43.4	<1.00	--	--	--	--
01/10/06	21.31	732.84	0.00	27,200	3,300	3,380	495	3,250	--	--	--	--	--	--	
RW-08 TOC Elevation 754.12	10/22/03	21.73	732.39	0.00	6,110	947	585	118	1,280	--	--	--	--	--	--
	01/15/04	22.80	731.32	0.00	1,930	126	21.4	34.7	310	--	--	--	--	--	--
	04/27/04	24.18	729.94	0.00	355	19.7	1.46	14.6	22.4	--	--	--	--	--	--
	04/27/04	24.42	729.70	0.00	278	28.1	0.507	19.6	5.76	8.06	<1.00	--	--	--	--
	10/15/04	25.32	728.80	0.00	1,110	29	1.6	134	4.48	7.59	<1.00	--	--	--	--
	07/28/05	17.93	738.19	--	1,560	30.5	1.11	201	<3.00	21.6	<1.00	--	--	--	--
	10/08/05	17.27	738.85	--	84.2	14.3	<1.00	<1.00	<3.00	21.6	<1.00	--	--	--	--
01/11/06	21.41	732.71	--	--	--	--	--	--	--	--	--	--	--	--	



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Well ID	Sample Date	Depth to Groundwater (feet)	Groundwater elevation (feet)	Measurable SpH (feet)	GRPH	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Total Lead
WHC prod well	07/07/99	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	10/25/99	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	01/18/00	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	05/01/00	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	07/09/00	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	10/10/00	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	01/03/01	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	04/03/01	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	07/03/01	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	10/22/01	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	01/29/02	--	--	--	<50.0	<0.500	0.934	<0.500	<1.00	--	--
	04/17/02	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	07/08/02	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	08/13/02	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	10/15/02	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	01/23/03	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	04/22/03	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	07/10/03	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	10/22/03	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
	01/15/04	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
04/27/04	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	
07/13/04	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	9.04	
10/15/04	--	--	--	<50.0	<0.500	<0.500	<0.500	<3.00	<5.00	21.2	
07/28/05	--	--	--	<50.0	<1.00	<1.00	<1.00	<3.00	<5.00	2.61	
10/08/05	--	--	--	<50.0	<1.00	<1.00	<1.00	<3.00	<5.00	2.61	
01/10/06	--	--	--		1,000/800	6	1,000	700	1,000	20	20

MTCA Method A Cleanup Levels for Groundwater\*

**NOTES:**

- Results measured in micrograms per liter (µg/L)
- Concentrations exceeding MTCA Method A Cleanup Levels for groundwater are shown in Red.
- Data collected prior to July 2005 as reported by GeoEngineers.
- \*Samples analyzed by North Creek Analytical, Inc., of Bothell, Washington
- †Depth to water as measured from a fixed spot on the well casing rim.
- ‡Chemical analyses conducted by Specialty Analytical.
- §Well abandoned July 22, 2003.
- ¶From Table 720-1 of WAC 173-340-900 Tables.

- = not analyzed/measured
- GRPH = Gasoline-range petroleum hydrocarbons
- MTBE = Methyl tert-butyl ether
- MTCA = Model Toxics Control Act
- TOC = Top of casing



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07 February 2006

Ryan Bixby  
Sound Environmental Strategies  
2400 Airport Way South, Suite 200  
Seattle, WA/USA 98134-2020  
RE: Time Oil #01-068 - Sunnyside (Lincoln Ave.)

Enclosed are the results of analyses for samples received by the laboratory on 01/13/06 09:35. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kate Haney  
Project Manager



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Ground Environmental Strategies  
 2400 Airport Way South, Suite 200  
 Seattle, WA/USA 98134-2020

Project: Time Oil #01-058 - Sunnyside (Lincoln Ave.)  
 Project Number: 0440-016-01  
 Project Manager: Ryan Bixby

Reported:  
 02/07/06 16:22

**Volatile Petroleum Products by NWTPH-Gx  
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RW-7 (B6A0266-01) Water</b> Sampled: 01/10/06 10:00 Received: 01/13/06 09:35									
Gasoline Range Hydrocarbons	69.5	50.0	ug/l	1	6A16035	01/16/06	01/16/06	NWTPH-Gx	
Surrogate: 4-BFB (FID)	93.8 %	SR-144							
<b>RW-6 (B6A0266-02) Water</b> Sampled: 01/10/06 10:45 Received: 01/13/06 09:35									
Gasoline Range Hydrocarbons	925	50.0	ug/l	1	6A16035	01/16/06	01/16/06	NWTPH-Gx	
Surrogate: 4-BFB (FID)	104 %	SR-144							
<b>WHC (B6A0266-03) Water</b> Sampled: 01/10/06 11:27 Received: 01/13/06 09:35									
Gasoline Range Hydrocarbons	ND	50.0	ug/l	1	6A16035	01/16/06	01/16/06	NWTPH-Gx	
Surrogate: 4-BFB (FID)	96.0 %	SR-144							
<b>MW-12 (B6A0266-04) Water</b> Sampled: 01/10/06 12:22 Received: 01/13/06 09:35									
Gasoline Range Hydrocarbons	ND	50.0	ug/l	1	6A16035	01/16/06	01/16/06	NWTPH-Gx	
Surrogate: 4-BFB (FID)	101 %	SR-144							
<b>MW-18 (B6A0266-05) Water</b> Sampled: 01/10/06 12:49 Received: 01/13/06 09:35									
Gasoline Range Hydrocarbons	ND	50.0	ug/l	1	6A16035	01/16/06	01/16/06	NWTPH-Gx	
Surrogate: 4-BFB (FID)	91.5 %	SR-144							
<b>MW-17 (B6A0266-06) Water</b> Sampled: 01/10/06 13:15 Received: 01/13/06 09:35									
Gasoline Range Hydrocarbons	ND	50.0	ug/l	1	6A16035	01/16/06	01/16/06	NWTPH-Gx	
Surrogate: 4-BFB (FID)	96.5 %	SR-144							
<b>MW-11 (B6A0266-07) Water</b> Sampled: 01/10/06 13:38 Received: 01/13/06 09:35									
Gasoline Range Hydrocarbons	ND	50.0	ug/l	1	6A16035	01/16/06	01/16/06	NWTPH-Gx	
Surrogate: 4-BFB (FID)	98.2 %	SR-144							

North Creek Analytical - Bothell

*Kate Hunney*

Kate Hunney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

North Creek Analytical, Inc.  
 Environmental Laboratory Network



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ound Environmental Strategies  
 2400 Airport Way South, Suite 200  
 Seattle, WA/USA 98134-2020

Project: Time Oil #01-068 - Sunnyside (Lincoln Ave.)  
 Project Number: 0440-016-01  
 Project Manager: Ryan Bixby

Reported:  
 02/07/06 16:22

**Volatile Petroleum Products by NWTPH-Gx**  
**North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RW-3 (B6A0266-15) Water</b> Sampled: 01/11/06 11:35 Received: 01/13/06 09:35									
Gasoline Range Hydrocarbons	ND	50.0	ug/l	1	6A17026	01/17/06	01/17/06	NWTPH-Gx	
Surrogate: 4-BFB (FID)	98.7 %	SR-144							
<b>RW-2 (B6A0266-16) Water</b> Sampled: 01/11/06 12:15 Received: 01/13/06 09:35									
Gasoline Range Hydrocarbons	128	50.0	ug/l	1	6A17026	01/17/06	01/17/06	NWTPH-Gx	
Surrogate: 4-BFB (FID)	102 %	SR-144							
<b>RMW-5 (B6A0266-17) Water</b> Sampled: 01/11/06 13:00 Received: 01/13/06 09:35									
Gasoline Range Hydrocarbons	ND	50.0	ug/l	1	6A17026	01/17/06	01/17/06	NWTPH-Gx	
Surrogate: 4-BFB (FID)	100 %	SR-144							
<b>MW-16 (B6A0266-18) Water</b> Sampled: 01/11/06 13:40 Received: 01/13/06 09:35									
Gasoline Range Hydrocarbons	ND	50.0	ug/l	1	6A17026	01/17/06	01/17/06	NWTPH-Gx	
Surrogate: 4-BFB (FID)	100 %	SR-144							
<b>RW-1 (B6A0266-19) Water</b> Sampled: 01/11/06 14:05 Received: 01/13/06 09:35									
Gasoline Range Hydrocarbons	ND	50.0	ug/l	1	6A17026	01/17/06	01/17/06	NWTPH-Gx	
Surrogate: 4-BFB (FID)	104 %	SR-144							
<b>RMW-4 (B6A0266-20) Water</b> Sampled: 01/11/06 14:40 Received: 01/13/06 09:35									
Gasoline Range Hydrocarbons	618	50.0	ug/l	1	6A17026	01/17/06	01/17/06	NWTPH-Gx	
Surrogate: 4-BFB (FID)	102 %	SR-144							
<b>MW-2 (B6A0266-21) Water</b> Sampled: 01/11/06 15:15 Received: 01/13/06 09:35									
Gasoline Range Hydrocarbons	ND	50.0	ug/l	1	6A17026	01/17/06	01/17/06	NWTPH-Gx	
Surrogate: 4-BFB (FID)	104 %	SR-144							

North Creek Analytical - Bothell

*Kate Haney*

Kate Haney, Project Manager

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 Seattle, WA/USA 98134-2020

Project: Time Oil #01-068 - Sunnyside (Lincoln Ave.)  
 Project Number: 0440-016-01  
 Project Manager: Ryan Bixby

Reported:  
 02/07/06 16:22

**Total Metals by EPA 6000/7000 Series Methods**  
**North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
RW-7 (B6A0266-01) Water	Sampled: 01/10/06 10:00 Received: 01/13/06 09:35								
Lead	ND	0.00100	mg/l	1	6A17075	01/17/06	01/18/06	EPA 6020	
RW-6 (B6A0266-02) Water	Sampled: 01/10/06 10:45 Received: 01/13/06 09:35								
Lead	ND	0.00100	mg/l	1	6A17075	01/17/06	01/18/06	EPA 6020	
WHC (B6A0266-03) Water	Sampled: 01/10/06 11:27 Received: 01/13/06 09:35								
Lead	0.00261	0.00100	mg/l	1	6A17075	01/17/06	01/18/06	EPA 6020	
MW-12 (B6A0266-04) Water	Sampled: 01/10/06 12:22 Received: 01/13/06 09:35								
Lead	ND	0.00100	mg/l	1	6A17075	01/17/06	01/18/06	EPA 6020	
MW-18 (B6A0266-05) Water	Sampled: 01/10/06 12:49 Received: 01/13/06 09:35								
Lead	ND	0.00100	mg/l	1	6A17075	01/17/06	01/18/06	EPA 6020	
MW-17 (B6A0266-06) Water	Sampled: 01/10/06 13:15 Received: 01/13/06 09:35								
Lead	ND	0.00100	mg/l	1	6A17075	01/17/06	01/18/06	EPA 6020	
MW-11 (B6A0266-07) Water	Sampled: 01/10/06 13:38 Received: 01/13/06 09:35								
Lead	ND	0.00100	mg/l	1	6A17075	01/17/06	01/18/06	EPA 6020	
MW-10 (B6A0266-08) Water	Sampled: 01/10/06 14:10 Received: 01/13/06 09:35								
Lead	ND	0.00100	mg/l	1	6A17075	01/17/06	01/18/06	EPA 6020	
MW-7 (B6A0266-09) Water	Sampled: 01/10/06 15:50 Received: 01/13/06 09:35								
Lead	ND	0.00100	mg/l	1	6A17075	01/17/06	01/18/06	EPA 6020	

North Creek Analytical - Bothell

*Kate Haney*

Kate Haney, Project Manager

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Sound Environmental Strategies  
 2400 Airport Way South, Suite 200  
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Project: Time Oil #01-068 - Sunnyside (Lincoln Ave.)  
 Project Number: 0440-016-01  
 Project Manager: Ryan Bixby

Reported:  
 02/07/06 16:22

**Total Metals by EPA 6000/7000 Series Methods**  
**North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RW-1 (B6A0266-19) Water</b> Sampled: 01/11/06 14:05 Received: 01/13/06 09:35									
Lead	ND	0.00100	mg/l	1	6A17076	01/17/06	01/19/06	EPA 6020	
<b>RMW-4 (B6A0266-20) Water</b> Sampled: 01/11/06 14:40 Received: 01/13/06 09:35									
Lead	ND	0.00100	mg/l	1	6A17076	01/17/06	01/19/06	EPA 6020	
<b>MW-2 (B6A0266-21) Water</b> Sampled: 01/11/06 15:15 Received: 01/13/06 09:35									
Lead	ND	0.00100	mg/l	1	6A17076	01/17/06	01/19/06	EPA 6020	
<b>MW-1 (B6A0266-22) Water</b> Sampled: 01/11/06 15:48 Received: 01/13/06 09:35									
Lead	ND	0.00100	mg/l	1	6A17076	01/17/06	01/19/06	EPA 6020	
<b>MW-3 (B6A0266-23) Water</b> Sampled: 01/11/06 16:20 Received: 01/13/06 09:35									
Lead	ND	0.00100	mg/l	1	6A17076	01/17/06	01/19/06	EPA 6020	

North Creek Analytical - Bothell

*Kate Hancy*

Kate Hancy, Project Manager

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Project: Time Oil #01-068 - Sunnyside (Lincoln Ave.)  
 Project Number: 0440-016-01  
 Project Manager: Ryan Bixby

Reported:  
 02/07/06 16:22

**Volatile Organic Compounds by EPA Method 8260B**  
**North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>MW-12 (B6A0266-04) Water Sampled: 01/10/06 12:22 Received: 01/13/06 09:35</b>									
Benzene	ND	1.00	ug/l	1	6A17046	01/17/06	01/18/06	EPA 8260B	
Ethylbenzene	ND	1.00	"	"	"	"	"	"	"
Toluene	ND	1.00	"	"	"	"	"	"	"
o-Xylene	ND	1.00	"	"	"	"	"	"	"
m,p-Xylene	ND	2.00	"	"	"	"	"	"	"
Total Xylenes	ND	3.00	"	"	"	"	"	"	"
Surrogate: 1,2-DCA-d4	121 %	70-130							
Surrogate: Toluene-d8	103 %	70-130							
Surrogate: 4-BFB	105 %	70-130							
<b>MW-18 (B6A0266-05) Water Sampled: 01/10/06 12:49 Received: 01/13/06 09:35</b>									
Benzene	ND	1.00	ug/l	1	6A17046	01/17/06	01/18/06	EPA 8260B	
Ethylbenzene	ND	1.00	"	"	"	"	"	"	"
Toluene	ND	1.00	"	"	"	"	"	"	"
o-Xylene	ND	1.00	"	"	"	"	"	"	"
m,p-Xylene	ND	2.00	"	"	"	"	"	"	"
Total Xylenes	ND	3.00	"	"	"	"	"	"	"
Surrogate: 1,2-DCA-d4	118 %	70-130							
Surrogate: Toluene-d8	102 %	70-130							
Surrogate: 4-BFB	106 %	70-130							
<b>MW-17 (B6A0266-06) Water Sampled: 01/10/06 13:15 Received: 01/13/06 09:35</b>									
Benzene	ND	1.00	ug/l	1	6A17046	01/17/06	01/18/06	EPA 8260B	
Ethylbenzene	ND	1.00	"	"	"	"	"	"	"
Toluene	ND	1.00	"	"	"	"	"	"	"
o-Xylene	ND	1.00	"	"	"	"	"	"	"
m,p-Xylene	ND	2.00	"	"	"	"	"	"	"
Total Xylenes	ND	3.00	"	"	"	"	"	"	"
Surrogate: 1,2-DCA-d4	114 %	70-130							
Surrogate: Toluene-d8	102 %	70-130							
Surrogate: 4-BFB	104 %	70-130							

North Creek Analytical - Bothell

*Kate Hancy*

Kate Hancy, Project Manager

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Ground Environmental Strategies  
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 Seattle, WA/USA 98134-2020

Project: Time Oil #01-068 - Sunnyside (Lincoln Ave.)  
 Project Number: 0440-016-01  
 Project Manager: Ryan Bixby

Reported:  
 02/07/06 16:22

**Volatile Organic Compounds by EPA Method 8260B**  
**North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>MW-8 (B6A0266-10) Water</b> Sampled: 01/11/06 08:15 Received: 01/13/06 09:35									
Benzene	ND	1.00	ug/l	1	6A18041	01/18/06	01/18/06	EPA 8260B	
Ethylbenzene	ND	1.00	"	"	"	"	"	"	"
Toluene	ND	1.00	"	"	"	"	"	"	"
o-Xylene	ND	1.00	"	"	"	"	"	"	"
m,p-Xylene	ND	2.00	"	"	"	"	"	"	"
Total Xylenes	ND	3.00	"	"	"	"	"	"	"
Surrogate: 1,2-DCA-d4	102 %	70-130							
Surrogate: Toluene-d8	99.8 %	70-130							
Surrogate: 4-BFB	103 %	70-130							
<b>RW-8 (B6A0266-11) Water</b> Sampled: 01/11/06 09:00 Received: 01/13/06 09:35									
Benzene	14.3	1.00	ug/l	1	6A18041	01/18/06	01/18/06	EPA 8260B	
Ethylbenzene	ND	1.00	"	"	"	"	"	"	"
Toluene	ND	1.00	"	"	"	"	"	"	"
o-Xylene	ND	1.00	"	"	"	"	"	"	"
m,p-Xylene	ND	2.00	"	"	"	"	"	"	"
Total Xylenes	ND	3.00	"	"	"	"	"	"	"
Surrogate: 1,2-DCA-d4	113 %	70-130							
Surrogate: Toluene-d8	103 %	70-130							
Surrogate: 4-BFB	105 %	70-130							
<b>RW-5 (B6A0266-12) Water</b> Sampled: 01/11/06 09:40 Received: 01/13/06 09:35									
Benzene	ND	1.00	ug/l	1	6A18041	01/18/06	01/18/06	EPA 8260B	
Ethylbenzene	ND	1.00	"	"	"	"	"	"	"
Toluene	ND	1.00	"	"	"	"	"	"	"
o-Xylene	ND	1.00	"	"	"	"	"	"	"
m,p-Xylene	ND	2.00	"	"	"	"	"	"	"
Total Xylenes	ND	3.00	"	"	"	"	"	"	"
Surrogate: 1,2-DCA-d4	107 %	70-130							
Surrogate: Toluene-d8	98.2 %	70-130							
Surrogate: 4-BFB	102 %	70-130							

North Creek Analytical - Bothell

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Kate Haney, Project Manager

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Project: Time Oil #01-068 - Sunnyside (Lincoln Ave.)  
 Project Number: 0440-016-01  
 Project Manager: Ryan Bixby

Reported:  
 02/07/06 16:22

**Volatile Organic Compounds by EPA Method 8260B**  
**North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RW-2 (B6A0266-16) Water</b> Sampled: 01/11/06 12:15 Received: 01/13/06 09:35									
Benzene	9.45	1.00	ug/l	1	6A18041	01/18/06	01/18/06	EPA 8260B	
Ethylbenzene	ND	1.00	"	"	"	"	"	"	"
Toluene	ND	1.00	"	"	"	"	"	"	"
o-Xylene	4.58	1.00	"	"	"	"	"	"	"
m,p-Xylene	ND	2.00	"	"	"	"	"	"	"
Total Xylenes	4.99	3.00	"	"	"	"	"	"	"
Surrogate: 1,2-DCA-d4	114 %	70-130							
Surrogate: Toluene-d8	102 %	70-130							
Surrogate: 4-BFB	102 %	70-130							
<b>RMW-5 (B6A0266-17) Water</b> Sampled: 01/11/06 13:00 Received: 01/13/06 09:35									
Benzene	ND	1.00	ug/l	1	6A18041	01/18/06	01/18/06	EPA 8260B	
Ethylbenzene	ND	1.00	"	"	"	"	"	"	"
Toluene	ND	1.00	"	"	"	"	"	"	"
o-Xylene	ND	1.00	"	"	"	"	"	"	"
m,p-Xylene	ND	2.00	"	"	"	"	"	"	"
Total Xylenes	ND	3.00	"	"	"	"	"	"	"
Surrogate: 1,2-DCA-d4	111 %	70-130							
Surrogate: Toluene-d8	102 %	70-130							
Surrogate: 4-BFB	103 %	70-130							
<b>MW-16 (B6A0266-18) Water</b> Sampled: 01/11/06 13:40 Received: 01/13/06 09:35									
Benzene	ND	1.00	ug/l	1	6A18041	01/18/06	01/18/06	EPA 8260B	
Ethylbenzene	ND	1.00	"	"	"	"	"	"	"
Toluene	ND	1.00	"	"	"	"	"	"	"
o-Xylene	ND	1.00	"	"	"	"	"	"	"
m,p-Xylene	ND	2.00	"	"	"	"	"	"	"
Total Xylenes	ND	3.00	"	"	"	"	"	"	"
Surrogate: 1,2-DCA-d4	120 %	70-130							
Surrogate: Toluene-d8	102 %	70-130							
Surrogate: 4-BFB	105 %	70-130							

North Creek Analytical - Bothell

*Kate Haney*

Kate Haney, Project Manager

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Project: Time Oil #01-058 - Sunnyside (Lincoln Ave.)  
 Project Number: 0440-016-01  
 Project Manager: Ryan Bixby

Reported:  
 02/07/06 16:22

**Volatile Organic Compounds by EPA Method 8260B**  
**North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>MW-1 (B6A0266-22) Water</b> Sampled: 01/11/06 15:48 Received: 01/13/06 09:35									
Benzene	ND	0.500	ug/l	1	6A17078	01/17/06	01/18/06	EPA 8260B	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
o-Xylene	ND	1.00	"	"	"	"	"	"	
m,p-Xylene	ND	1.00	"	"	"	"	"	"	
Total Xylenes	ND	1.00	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	99.0 %	70-130							
Surrogate: Toluene-d8	99.2 %	70-130							
Surrogate: 4-BFB	100 %	70-130							
<b>MW-3 (B6A0266-23) Water</b> Sampled: 01/11/06 16:30 Received: 01/13/06 09:35									
Benzene	ND	0.500	ug/l	1	6A17078	01/17/06	01/18/06	EPA 8260B	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
o-Xylene	ND	1.00	"	"	"	"	"	"	
m,p-Xylene	ND	1.00	"	"	"	"	"	"	
Total Xylenes	ND	1.00	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	98.8 %	70-130							
Surrogate: Toluene-d8	98.5 %	70-130							
Surrogate: 4-BFB	102 %	70-130							
<b>TB (B6A0266-24) Water</b> Sampled: 01/11/06 12:00 Received: 01/13/06 09:35									
Benzene	ND	0.500	ug/l	1	6A17078	01/17/06	01/17/06	EPA 8260B	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
o-Xylene	ND	1.00	"	"	"	"	"	"	
m,p-Xylene	ND	1.00	"	"	"	"	"	"	
Total Xylenes	ND	1.00	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	102 %	70-130							
Surrogate: Toluene-d8	98.5 %	70-130							
Surrogate: 4-BFB	98.8 %	70-130							

North Creek Analytical - Bothell

*Kate Haney*

Kate Haney, Project Manager

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Project: Time Oil #01-068 - Sunnyside (Lincoln Ave.)  
 Project Number: 0440-016-01  
 Project Manager: Ryan Bixby

Reported:  
 02/07/06 16:22

**Oxygenates by EPA Method 8260B**  
**North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WHC (B6A0266-03) Water Sampled: 01/10/06 11:27 Received: 01/13/06 09:35</b>									
<b>I-02</b>									
tert-Amyl Methyl Ether	ND	1.00	ug/l	1	6A31063	01/31/06	01/31/06	EPA 8260B	
tert-Butyl Alcohol	ND	50.0	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.500	"	"	"	"	"	"	
Diisopropyl ether	ND	1.00	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.00	"	"	"	"	"	"	
Ethanol	ND	150	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.00	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	103 %	70-130							
Surrogate: Toluene-d8	101 %	70-130							
Surrogate: 4-BFB	106 %	70-130							
<b>MW-12 (B6A0266-04) Water Sampled: 01/10/06 12:22 Received: 01/13/06 09:35</b>									
<b>I-02</b>									
tert-Amyl Methyl Ether	ND	1.00	ug/l	1	6A31063	01/31/06	01/31/06	EPA 8260B	
tert-Butyl Alcohol	ND	50.0	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.500	"	"	"	"	"	"	
Diisopropyl ether	ND	1.00	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.00	"	"	"	"	"	"	
Ethanol	ND	150	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.00	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	103 %	70-130							
Surrogate: Toluene-d8	102 %	70-130							
Surrogate: 4-BFB	107 %	70-130							

North Creek Analytical - Bothell

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*Kate Haney*

Kate Haney, Project Manager

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Sound Environmental Strategies  
 2400 Airport Way South, Suite 200  
 Seattle, WA/USA 98134-2020

Project: Time Oil #01-06B - Sunnyside (Lincoln Ave.)  
 Project Number: 0440-016-01  
 Project Manager: Ryan Bixby

Reported:  
 02/07/06 16:22

Oxygenates by EPA Method 8260B  
 North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>MW-11 (B6A0266-07) Water</b> Sampled: 01/10/06 13:38 Received: 01/13/06 09:35 <span style="float:right">I-02</span>									
tert-Amyl Methyl Ether	ND	1.00	ug/l	1	6A31063	01/31/06	01/31/06	EPA 8260B	
tert-Butyl Alcohol	ND	50.0	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.500	"	"	"	"	"	"	
Diisopropyl ether	ND	1.00	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.00	"	"	"	"	"	"	
Ethanol	ND	150	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.00	"	"	"	"	"	"	

Surrogate: 1,2-DCA-d4 103 % 70-130  
 Surrogate: Toluene-d8 102 % 70-130  
 Surrogate: 4-BFB 106 % 70-130

<b>MW-10 (B6A0266-08) Water</b> Sampled: 01/10/06 14:10 Received: 01/13/06 09:35 <span style="float:right">I-02</span>									
tert-Amyl Methyl Ether	ND	1.00	ug/l	1	6A31063	01/31/06	01/31/06	EPA 8260B	
tert-Butyl Alcohol	ND	50.0	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.500	"	"	"	"	"	"	
Diisopropyl ether	ND	1.00	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.00	"	"	"	"	"	"	
Ethanol	ND	150	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.00	"	"	"	"	"	"	

Surrogate: 1,2-DCA-d4 104 % 70-130  
 Surrogate: Toluene-d8 102 % 70-130  
 Surrogate: 4-BFB 106 % 70-130

North Creek Analytical - Bothell

*Kate Haney*

Kate Haney, Project Manager

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Sound Environmental Strategies  
 2400 Airport Way South, Suite 200  
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Project: Time Oil #01-068 - Sunnyside (Lincoln Ave.)  
 Project Number: 0440-016-01  
 Project Manager: Ryan Bixby

Reported:  
 02/07/06 16:22

**Oxygenates by EPA Method 8260B**  
**North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RW-8 (B6A0266-11) Water</b> Sampled: 01/11/06 09:00 Received: 01/13/06 09:35 <span style="float:right">1-02</span>									
tert-Amyl Methyl Ether	ND	1.00	ug/l	1	6A31063	01/31/06	02/01/06	EPA 8260B	
tert-Butyl Alcohol	ND	50.0	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.500	"	"	"	"	"	"	
Diisopropyl ether	ND	1.00	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.00	"	"	"	"	"	"	
Ethanol	ND	150	"	"	"	"	"	"	
Methyl tert-butyl ether	21.6	5.00	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	99.5 %	70-130							
Surrogate: Toluene-d8	103 %	70-130							
Surrogate: 4-BFB	104 %	70-130							

<b>RW-5 (B6A0266-12) Water</b> Sampled: 01/11/06 09:40 Received: 01/13/06 09:35 <span style="float:right">1-02</span>									
tert-Amyl Methyl Ether	ND	1.00	ug/l	1	6A31063	01/31/06	02/01/06	EPA 8260B	
tert-Butyl Alcohol	ND	50.0	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.500	"	"	"	"	"	"	
Diisopropyl ether	ND	1.00	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.00	"	"	"	"	"	"	
Ethanol	ND	150	"	"	"	"	"	"	
Methyl tert-butyl ether	5.35	5.00	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	103 %	70-130							
Surrogate: Toluene-d8	102 %	70-130							
Surrogate: 4-BFB	106 %	70-130							

North Creek Analytical - Bothell

*Kate Hancy*

Kate Hancy, Project Manager

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Fund Environmental Strategies  
 2400 Airport Way South, Suite 200  
 Seattle, WA/USA 98134-2020

Project: Time Oil #01-068 - Sunnyside (Lincoln Ave.)  
 Project Number: 0440-016-01  
 Project Manager: Ryan Bixby

Reported:  
 02/07/06 16:22

**Oxygenates by EPA Method 8260B**  
**North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
RW-3 (B6A0266-15) Water Sampled: 01/11/06 11:35 Received: 01/13/06 09:35									
tert-Amyl Methyl Ether	ND	1.00	ug/l	1	6A31663	01/31/06	02/01/06	EPA 8260B	
tert-Butyl Alcohol	ND	50.0	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.500	"	"	"	"	"	"	
Diisopropyl ether	ND	1.00	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.00	"	"	"	"	"	"	
Ethanol	ND	150	"	"	"	"	"	"	
Methyl tert-butyl ether	19.0	5.00	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	102 %	70-130							
Surrogate: Toluene-d8	99.5 %	70-130							
Surrogate: 4-BFB	106 %	70-130							
RW-2 (B6A0266-16) Water Sampled: 01/11/06 12:15 Received: 01/13/06 09:35									
tert-Amyl Methyl Ether	ND	1.00	ug/l	1	6B02019	02/01/06	02/01/06	EPA 8260B	
tert-Butyl Alcohol	ND	50.0	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.500	"	"	"	"	"	"	
Diisopropyl ether	ND	1.00	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.00	"	"	"	"	"	"	
Ethanol	ND	150	"	"	"	"	"	"	
Methyl tert-butyl ether	373	5.00	"	"	"	"	"	"	E
Surrogate: 1,2-DCA-d4	98.5 %	70-130							
Surrogate: Toluene-d8	102 %	70-130							
Surrogate: 4-BFB	100 %	70-130							

North Creek Analytical - Bothell

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*Kate Haney*

Kate Haney, Project Manager

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Project: Time Oil #01-068 - Sunnyside (Lincoln Ave.)  
 Project Number: 0440-016-01  
 Project Manager: Ryan Bixby

Reported:  
 02/07/06 16:22

**Oxygenates by EPA Method 8260B**  
**North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>I-02</b>									
<b>RW-1 (B6A0266-19) Water</b> Sampled: 01/11/06 14:05 Received: 01/13/06 09:35									
tert-Amyl Methyl Ether	ND	1.00	ug/l	1	6B02019	02/01/06	02/02/06	EPA 8260B	
tert-Butyl Alcohol	ND	50.0	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.500	"	"	"	"	"	"	
Diisopropyl ether	ND	1.00	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.00	"	"	"	"	"	"	
Ethanol	ND	150	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.00	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	100 %	70-130							
Surrogate: Toluene-d8	102 %	70-130							
Surrogate: 4-BFB	106 %	70-130							
<b>I-02</b>									
<b>RMW-4 (B6A0266-20) Water</b> Sampled: 01/11/06 14:40 Received: 01/13/06 09:35									
tert-Amyl Methyl Ether	ND	1.00	ug/l	1	6B02019	02/01/06	02/02/06	EPA 8260B	
tert-Butyl Alcohol	ND	50.0	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.500	"	"	"	"	"	"	
Diisopropyl ether	ND	1.00	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.00	"	"	"	"	"	"	
Ethanol	ND	150	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.00	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	99.5 %	70-130							
Surrogate: Toluene-d8	100 %	70-130							
Surrogate: 4-BFB	99.0 %	70-130							

North Creek Analytical - Bothell

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Project: Time Oil #01-068 - Sunnyside (Lincoln Ave.)  
 Project Number: 0440-016-01  
 Project Manager: Ryan Bixby

Reported:  
 02/07/06 16:22

**Oxygenates by EPA Method 8260B**  
**North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>MW-3 (B6A0266-23) Water</b> Sampled: 01/11/06 16:20 Received: 01/13/06 09:35 <span style="float:right">1-02</span>									
tert-Amyl Methyl Ether	ND	1.00	ug/l	1	6802019	02/01/06	02/02/06	EPA 8260B	
tert-Butyl Alcohol	ND	50.0	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.500	"	"	"	"	"	"	
Diisopropyl ether	ND	1.00	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.00	"	"	"	"	"	"	
Ethanol	ND	150	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.00	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	99.3 %	70-130							
Surrogate: Toluene-d8	102 %	70-130							
Surrogate: 4-BFB	106 %	70-130							
<b>TB (B6A0266-24) Water</b> Sampled: 01/11/06 12:00 Received: 01/13/06 09:35 <span style="float:right">1-02</span>									
tert-Amyl Methyl Ether	ND	1.00	ug/l	1	6802019	02/01/06	02/01/06	EPA 8260B	
tert-Butyl Alcohol	ND	50.0	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.500	"	"	"	"	"	"	
Diisopropyl ether	ND	1.00	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.00	"	"	"	"	"	"	
Ethanol	ND	150	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.00	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	100 %	70-130							
Surrogate: Toluene-d8	102 %	70-130							
Surrogate: 4-BFB	106 %	70-130							

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ound Environmental Strategies 2400 Airport Way South, Suite 200 Seattle, WA/USA 98134-2020	Project: Time Oil #01-068 - Sunnyside (Lincoln Ave.) Project Number: 0440-016-01 Project Manager: Ryan Bixby	Reported: 02/07/06 16:22
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**Volatile Petroleum Products by NWTPH-Gx - Quality Control  
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 6A17026: Prepared 01/17/06 Using EPA 5030B (P/T)</b>										
<b>LCS Dup (6A17026-BSD1)</b>										
Gasoline Range Hydrocarbons	1000	50.0	ug/l	1000		100	80-120	1.82	25	
Surrogate: 4-BFB (FID)	64.9			60.0		108	38-144			
<b>Matrix Spike (6A17026-MS1)</b>										
<b>Source: B6A0314-01</b>										
Gasoline Range Hydrocarbons	1030	50.0	ug/l	1000	155	87.5	58-129			
Surrogate: 4-BFB (FID)	65.1			60.0		108	38-144			
<b>Matrix Spike Dup (6A17026-MSD1)</b>										
<b>Source: B6A0314-01</b>										
Gasoline Range Hydrocarbons	999	50.0	ug/l	1000	155	84.4	58-129	3.06	25	
Surrogate: 4-BFB (FID)	67.2			60.0		112	38-144			

North Creek Analytical - Bothell

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Fund Environmental Strategies  
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Project: Time Oil #01-068 - Sunnyside (Lincoln Ave.)  
 Project Number: 0440-016-01  
 Project Manager: Ryan Bixby

Reported:  
 02/07/06 16:22

**Total Metals by EPA 6000/7000 Series Methods - Quality Control**  
**North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 6A17076: Prepared 01/17/06 Using EPA 3020A</b>										
<b>Matrix Spike (6A17076-MS1)</b>										
<b>Source: B6A0266-19</b>										
Lead	0.0778	0.00100	mg/l	0.0800	0.000670	96.4	80-120			
<b>Matrix Spike Dup (6A17076-MSD1)</b>										
<b>Source: B6A0266-19</b>										
Lead	0.0309	0.00100	mg/l	0.0800	0.000670	100	80-120	3.91	20	
<b>Post Spike (6A17076-PS1)</b>										
<b>Source: B6A0266-19</b>										
Lead	0.0992		ug/ml	0.100	0.000670	98.5	75-125			

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*Kate Honey*

Kate Honey, Project Manager

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Ground Environmental Strategies  
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Project: Time Oil #01-068 - Sunnyside (Lincoln Ave.)  
 Project Number: 0440-016-01  
 Project Manager: Ryan Bixby

Reported:  
 02/07/06 16:22

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6A17078: Prepared 01/17/06 Using EPA 5030B

**Blank (6A17078-BLK1)**

Benzene	ND	0.500	ug/l							
Ethylbenzene	ND	0.500	"							
Toluene	ND	0.500	"							
o-Xylene	ND	1.00	"							
m,p-Xylenes	ND	2.00	"							
Total Xylenes	ND	1.00	"							
Surrogate: 1,2-DCA-d4	10.4		"	10.0		101	70-130			
Surrogate: Toluene-d8	39.4		"	40.0		98.5	70-130			
Surrogate: 4-BFB	39.8		"	40.0		99.5	70-130			

**LCS (6A17078-BS1)**

Benzene	50.8	0.500	ug/l	50.0		102	80-120			
Ethylbenzene	51.2	0.500	"	50.0		102	75-125			
Toluene	51.2	0.500	"	50.0		102	80-120			
o-Xylene	55.6	1.00	"	50.0		111	75-125			
m,p-Xylene	108	1.00	"	100		108	75-125			
Total Xylenes	164	1.00	"	150		109	80-120			
Surrogate: 1,2-DCA-d4	39.4		"	40.0		98.5	70-130			
Surrogate: Toluene-d8	39.9		"	40.0		99.8	70-130			
Surrogate: 4-BFB	39.6		"	40.0		99.0	70-130			

**LCS Dup (6A17078-BS1)**

Benzene	46.0	0.500	ug/l	50.0		92.0	80-120	9.92	20	
Ethylbenzene	47.1	0.500	"	50.0		94.2	75-125	8.34	20	
Toluene	46.8	0.500	"	50.0		93.6	80-120	8.98	20	
o-Xylene	51.2	1.00	"	50.0		102	75-125	8.24	20	
m,p-Xylene	99.0	1.00	"	100		99.0	75-125	8.70	20	
Total Xylenes	150	1.00	"	150		100	80-120	8.92	20	
Surrogate: 1,2-DCA-d4	39.1		"	40.0		97.8	70-130			
Surrogate: Toluene-d8	39.7		"	40.0		99.2	70-130			
Surrogate: 4-BFB	39.7		"	40.0		99.2	70-130			

North Creek Analytical - Bothell

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*Kate Haney*

Kate Haney, Project Manager

North Creek Analytical, Inc.  
 Environmental Laboratory Network

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Seattle 11720 North Creek Flwy N, Suite 400, Bothell, WA 98011-8244  
 425.420.9200 fax 425.420.9210  
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 509.924.9200 fax 509.924.9200  
 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132  
 503.904.9200 fax 503.905.9210  
 Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711  
 541.383.9310 fax 541.383.7588  
 Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119  
 907.443.4300 fax 907.462.8718

Sound Environmental Strategies  
 2400 Airport Way South, Suite 200  
 Seattle, WA/USA 98134-2020

Project: Time Oil #01-068 - Sunnyside (Lincoln Ave.)  
 Project Number: 0440-016-01  
 Project Manager: Ryan Bixby

Reported:  
 02/07/06 16:22

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6A18041: Prepared 01/18/06 Using EPA 5030B

**LCS (6A18041-BS1)**

Benzene	41.6	1.00	ug/l	40.0		112	80-120			
Ethylbenzene	43.9	1.00	"	40.0		110	75-125			
Toluene	42.0	1.00	"	40.0		105	80-120			
o-Xylene	45.0	1.00	"	40.0		112	75-125			
m,p-Xylene	87.3	2.00	"	80.0		109	75-125			
Total Xylenes	132	3.00	"	120		110	80-120			
Surrogate: 1,2-DX'A-d4	41.2	"	"	40.0		103	70-130			
Surrogate: Toluene-d8	40.3	"	"	40.0		101	70-130			
Surrogate: 4-BFB	40.7	"	"	40.0		102	70-130			

**LCS Dup (6A18041-BS1)**

Benzene	43.4	1.00	ug/l	40.0		108	80-120	2.73	20	
Ethylbenzene	42.5	1.00	"	40.0		106	75-125	3.24	20	
Toluene	41.3	1.00	"	40.0		104	80-120	1.20	20	
o-Xylene	43.6	1.00	"	40.0		109	75-125	3.16	20	
m,p-Xylene	86.1	2.00	"	80.0		108	75-125	1.38	20	
Total Xylenes	130	3.00	"	120		108	80-120	1.53	20	
Surrogate: 1,2-DX'A-d4	39.6	"	"	40.0		99.0	70-130			
Surrogate: Toluene-d8	39.8	"	"	40.0		99.5	70-130			
Surrogate: 4-BFB	40.9	"	"	40.0		102	70-130			

Batch 6A23049: Prepared 01/19/06 Using EPA 5030B

**Blank (6A23049-BLK1)**

Benzene	ND	1.00	ug/l							
Ethylbenzene	ND	1.00	"							
Toluene	ND	1.00	"							
o-Xylene	ND	1.00	"							
m,p-Xylene	ND	2.00	"							
Total Xylenes	ND	3.00	"							
Surrogate: 1,2-DX'A-d4	46.0	"	"	40.0		113	50-130			
Surrogate: Toluene-d8	39.8	"	"	40.0		99.5	70-130			
Surrogate: 4-BFB	40.8	"	"	40.0		102	70-130			

North Creek Analytical - Bothell

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*Kate Haney*

Kate Haney, Project Manager

North Creek Analytical, Inc.  
 Environmental Laboratory Network

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Seattle 11710 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244  
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 907.543.8300 fax 907.543.8310

Sound Environmental Strategies  
 2400 Airport Way South, Suite 200  
 Seattle, WA/USA 98134-2020

Project: Time Oil #01-068 - Sunnyside (Lincoln Ave.)  
 Project Number: 0440-016-01  
 Project Manager: Ryan Bixby

Reported:  
 02/07/06 16:22

**Oxygenates by EPA Method 8260B - Quality Control**  
**North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6A31063: Prepared 01/31/06 Using EPA 5030B

**Blank (6A31063-BLK1)**

tert-Amyl Methyl Ether	ND	1.00	ug/l							
tert-Butyl Alcohol	ND	50.0	"							
1,2-Dibromoethane	ND	0.500	"							
1,2-Dichloroethane	ND	0.500	"							
Diisopropyl ether	ND	1.00	"							
Ethyl tert-butyl ether	ND	1.00	"							
Ethanol	ND	150	"							
Methyl tert-butyl ether	ND	5.00	"							
Surrogate: 1,2-DCA-d4	20.3		"	20.0		102	70-130			
Surrogate: Toluene-d8	20.5		"	20.0		102	70-130			
Surrogate: 4-BFB	21.1		"	20.0		106	70-130			

**LCS (6A31063-BS1)**

tert-Amyl Methyl Ether	20.4	1.00	ug/l	20.0		102	75-125			
tert-Butyl Alcohol	103	50.0	"	100		103	75-125			
1,2-Dibromoethane	21.7	0.500	"	20.0		108	75-125			
1,2-Dichloroethane	20.7	0.500	"	20.0		104	75-125			
Diisopropyl ether	20.2	1.00	"	20.0		101	75-125			
Ethyl tert-butyl ether	20.7	1.00	"	20.0		104	75-125			
Ethanol	1300	150	"	1000		130	75-125			A-01
Methyl tert-butyl ether	42.4	5.00	"	40.0		106	80-120			
Surrogate: 1,2-1X'A-d4	19.8		"	20.0		99.0	70-130			
Surrogate: Toluene-d8	20.0		"	20.0		100	70-130			
Surrogate: 4-BFB	20.2		"	20.0		101	70-130			

**LCS Dup (6A31063-BSD1)**

tert-Amyl Methyl Ether	19.8	1.00	ug/l	20.0		99.0	75-125	2.99	25	
tert-Butyl Alcohol	102	50.0	"	100		102	75-125	0.976	25	
1,2-Dibromoethane	21.4	0.500	"	20.0		107	75-125	1.39	25	
1,2-Dichloroethane	20.4	0.500	"	20.0		102	75-125	1.46	25	
Diisopropyl ether	19.1	1.00	"	20.0		95.5	75-125	5.60	25	
Ethyl tert-butyl ether	20.0	1.00	"	20.0		100	75-125	3.44	25	
Ethanol	1190	150	"	1000		119	75-125	8.84	25	
Methyl tert-butyl ether	41.1	5.00	"	40.0		103	80-120	3.11	20	
Surrogate: 1,2-1X'A-d4	20.4		"	20.0		102	70-130			
Surrogate: Toluene-d8	20.1		"	20.0		100	70-130			

North Creek Analytical - Bothell

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*Kate Haney*

Kate Haney, Project Manager

North Creek Analytical, Inc.  
 Environmental Laboratory Network



**Seattle** 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244  
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 907.542.8200 fax 907.542.8210

and Environmental Strategies  
 2400 Airport Way South, Suite 200  
 Seattle, WA/USA 98134-2020

Project: Time Oil #01-068 - Sunnyside (Lincoln Ave.)  
 Project Number: 0440-016-01  
 Project Manager: Ryan Bixby

Reported:  
 02/07/06 16:22

**Oxygenates by EPA Method 8260B - Quality Control**  
**North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6B02019: Prepared 02/01/06 Using EPA 5030B**

**LCS Dup (6B02019-BSD1)**

tert-Amyl Methyl Ether	22.2	1.00	ug/l	20.0		111	75-125	0.897	25	
tert-Butyl Alcohol	107	50.0	"	100		107	75-125	0.930	25	
1,2-Dibromoethane	22.6	0.500	"	20.0		113	75-125	0.00	25	
1,2-Dichloroethane	20.7	0.500	"	20.0		104	75-125	0.971	25	
Diisopropyl ether	23.0	1.00	"	20.0		115	75-125	0.434	25	
Ethyl tert-butyl ether	23.4	1.00	"	30.0		117	75-125	0.00	25	
Ethanol	881	150	"	1000		88.1	75-125	1.38	25	
Methyl tert-butyl ether	41.9	5.00	"	40.0		105	80-120	0.476	20	
Surrogate: 1,2-DX'A-d4	19.8		"	20.0		99.0	70-130			
Surrogate: Toluene-d8	20.2		"	20.0		101	70-130			
Surrogate: 4-BFB	20.2		"	20.0		101	70-130			

**Batch 6B03050: Prepared 02/06/06 Using EPA 5030B**

**Blank (6B03050-BLK1)**

tert-Amyl Methyl Ether	ND	1.00	ug/l							
tert-Butyl Alcohol	ND	50.0	"							
1,2-Dibromoethane	ND	0.500	"							
1,2-Dichloroethane	ND	0.500	"							
Diisopropyl ether	ND	1.00	"							
Ethyl tert-butyl ether	ND	1.00	"							
Ethanol	ND	150	"							
Methyl tert-butyl ether	ND	5.00	"							
Surrogate: 1,2-DX'A-d4	19.2		"	20.0		96.0	70-130			
Surrogate: Toluene-d8	19.0		"	20.0		95.0	70-130			
Surrogate: 4-BFB	20.1		"	20.0		100	70-130			

North Creek Analytical - Bothell

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*Kate Haney*

Kate Haney, Project Manager

North Creek Analytical, Inc.  
Environmental Laboratory Network

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**Bothell** 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244  
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**Anchorage** 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119  
 907.562.0200 fax 907.562.0210

Ground Environmental Strategies  
 2400 Airport Way South, Suite 200  
 Seattle, WA/USA 98134-2020

Project: Time Oil #01-068 - Sunnyside (Lincoln Ave.)  
 Project Number: 0440-016-01  
 Project Manager: Ryan Bixby

Reported:  
 02/07/06 16:22

**Oxygenates by EPA Method 8260B - Quality Control**  
**North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 6B03050: Prepared 02/06/06 Using EPA 5030B</b>										
<b>Matrix Spike (6B03050-MS1)</b>										
<b>Surrogate: 4-BPB</b>										
	20.0		ug/l	20.0		100	70-130			
<b>Matrix Spike Dup (6B03050-MSD1)</b>										
<b>Surrogate: 1,3-DC A-d4</b>										
	40.2	1.00	ug/l	40.0	ND	100	60-140	0.990	40	
tert-Amyl Methyl Ether	212	50.0	"	200	ND	106	60-140	10.4	40	
tert-Butyl Alcohol	4.56	0.500	"	5.00	ND	91.2	60-140	0.00	40	
1,2-Dibromoethane	5.26	0.500	"	5.00	ND	105	60-140	1.73	40	
1,2-Dichloroethane	41.4	1.00	"	40.0	ND	104	60-140	1.91	40	
Diisopropyl ether	40.9	1.00	"	40.0	ND	102	60-140	0.973	40	
Ethyl tert-butyl ether	1600	150	"	1500	ND	107	60-140	0.627	40	
Ethanol	42.4	5.00	"	40.0	ND	106	60-140	0.939	40	
Methyl tert-butyl ether				20.0		99.5	70-130			
Surrogate: 1,3-DC A-d4	19.9			20.0		98.0	70-130			
Surrogate: Toluene-d8	18.0			20.0		99.5	70-130			
Surrogate: 4-BPB	19.0			20.0		99.5	70-130			

North Creek Analytical - Bothell

*Kate Nancy*

Kate Nancy, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

North Creek Analytical, Inc.  
Environmental Laboratory Network

FORM 401-104  
REV 01-20-1988



**TIME OIL CO.**

ANALYSIS DEPARTMENT  
1000 WEST 10TH AVENUE  
SEATTLE, WA 98119

**CHAIN OF CUSTODY REPORT**

NCA Work Order No.: **B10AD266**

Transmittal Report  
to Customer Dept.

TUOH OIL CONSIGNMENT: **Seawater Environmental Sciences**

REPORT TO: **Raymond E. Bandy**  
ADDRESS: **24400 Airport Way, Seattle, WA 98148**

PHONE: **206-365-1500 FAX: 206-300-1407**  
PROJECT NAME: **Sunnyside Limestone**

ANVISED TO:  
**MARK CHANDLER**  
**2337 WEST COMMODEORE WAY**  
**SEATTLE, WA 98199-1233**

TUOH OIL WORK ORDER NO.:

PREPARATIVE

PROJECT NUMBER:  
**0-1408-010-01**

PROPERTY NO.:

SAMPLED BY: **S. M. K. Corp**

CLIENT SAMPLE IDENTIFICATION

LABORATION SAMPLE ID

SAMPLING QUANTITY

REQUESTED ANALYSES

MATRIX (T, S, O)	FOR CONT.	COMMENTS	NCA WORK ID.
W	7		01
			02
			03
			04
			05
			06
			07
			08
			09
			10

RECEIVED BY: **John C. Bandy**

PRINT NAME: **John C. Bandy**

RECEIVED BY: **John C. Bandy**

PRINT NAME: **John C. Bandy**

DATE: **01/20/88**

TIME: **12:00**

DATE:

TIME:

DATE: **01/20/88**

TIME: **12:00**

DATE:

TIME:

RELEASED BY: **Brett D. Bandy**

PRINT NAME: **Brett D. Bandy**

RELEASED BY:

PRINT NAME:

ADDITIONAL REMARKS:

DATE: **1/30/88**

TIME: **9:30**

DATE:

TIME:

RELEASED BY: **[Signature]**

PRINT NAME: **[Signature]**

RELEASED BY:

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TIME: **9:30**

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DATE: **1/30/88**

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PRINT NAME: **[Signature]**

RELEASED BY:

PRINT NAME:

PHONE 281-1951  
FAX 281-1952

**TIME OIL CO.**

PROPERTY NO. 15154  
DATE RECEIVED 1/20/06

**CHAIN OF CUSTODY REPORT**

NCA Work Order No. **611206**

TIME OIL CONSIDERED: *Sampled from 2400 Airport Way Seattle, WA 98107*  
 REPORT TO: *Ryan K. Bixby*  
 ADDRESS: *2400 Airport Way Seattle, WA 98107*  
 PERIOD: *20050119 to 20050120*

INVOICE TO: **MARK CHANDLER**  
**2737 WEST COMMODEORE WAY**  
**SEATTLE, WA 98199-1231**

TIME OIL WORK ORDER NO. **611206**

PROJECT NAME: *Summerville Limestone*

PROPERTY NO.: **15154**

CLIENT SAMPLE IDENTIFICATION: **MW-2**

CLIENT SAMPLE IDENTIFICATION: **MW-1**

CLIENT SAMPLE IDENTIFICATION: **MW-3**

CLIENT SAMPLE IDENTIFICATION: **TB**

CLIENT SAMPLE IDENTIFICATION: **1515**

CLIENT SAMPLE IDENTIFICATION: **1548**

CLIENT SAMPLE IDENTIFICATION: **1620**

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CLIENT SAMPLE IDENTIFICATION: **1548**

CLIENT SAMPLE IDENTIFICATION: **1620**

CLIENT SAMPLE IDENTIFICATION: **1515**

OTHER:  ANALYSE:

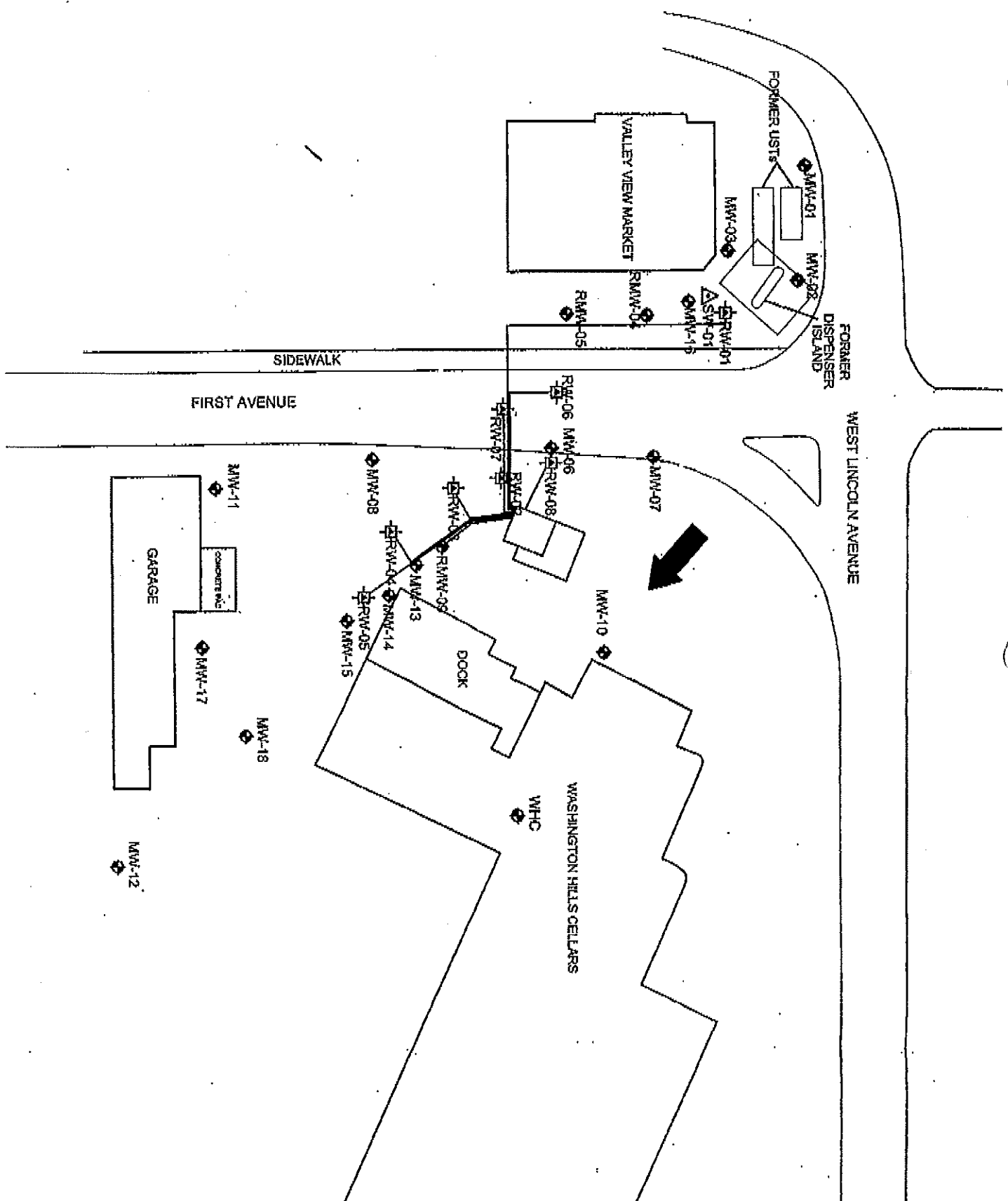
PROPERTY NO. 15154

DATE RECEIVED 1/20/06

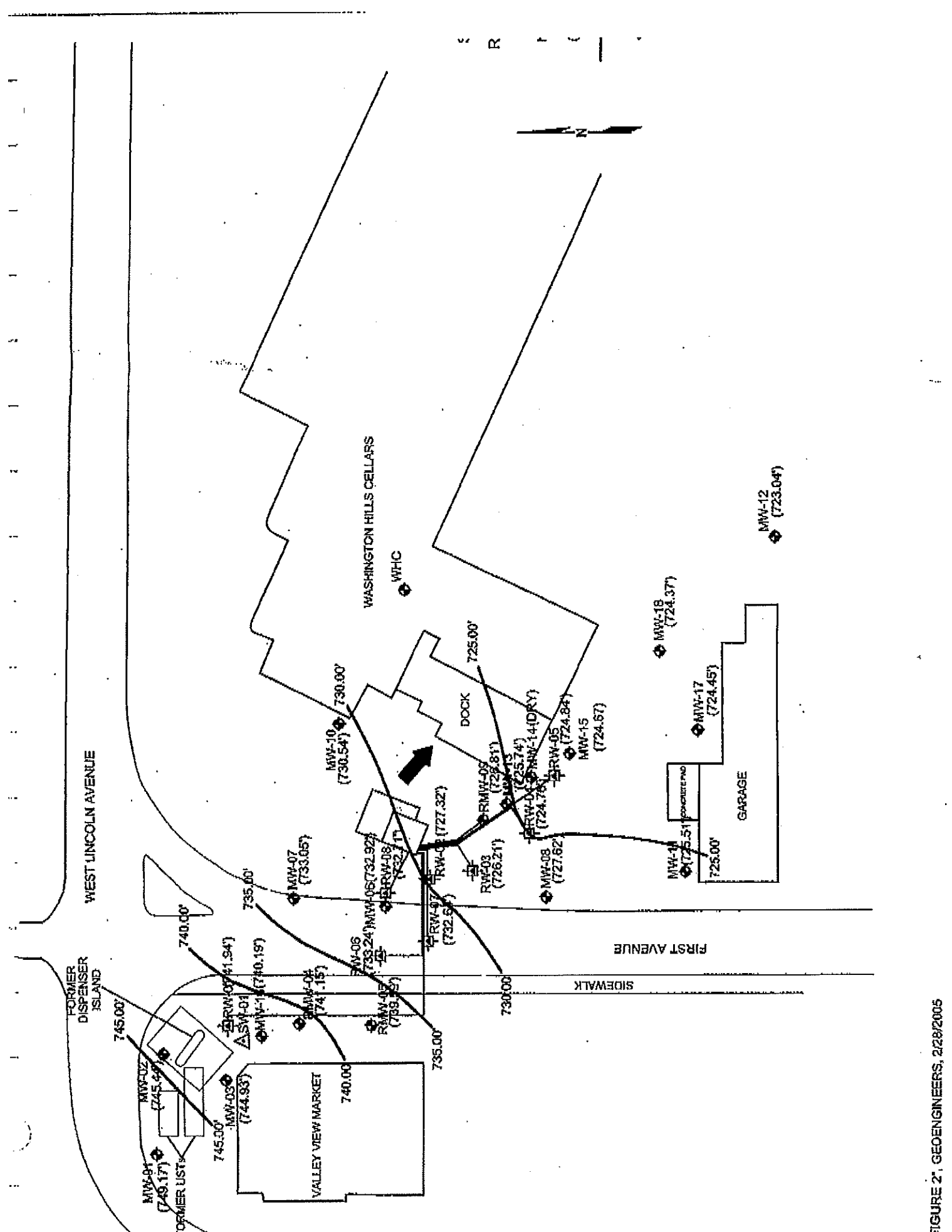
TIME OIL WORK ORDER NO. 611206

MATRIX (N.A.G)	FOR CONT.	COMMENTS	NCA NO. 10
W	7		21
X	X		22
X	X		23
	4		24

RECEIVED BY:	DATE:	TIME:
<i>Polly Campbell</i>	1/20/06	1:30
RECEIVED BY:	DATE:	TIME:
<i>Polly Campbell</i>		



RMW-03	01/7/11C
RMW-04	01/7/11C
RMW-05	01/7/11C
MMW-07	01/7/10C
MMW-08	01/7/11C
RMW-09	01/7/11C
MMW-10	01/7/10C
MMW-11	01/7/10C
MMW-12	01/7/10C
MMW-13	01/7/11C
MMW-14	01/7/11C
MMW-15	01/7/11C
MMW-16	01/7/11C
MMW-17	01/7/10C
MMW-18	01/7/10C
RMW-01	01/7/11C
RMW-02	01/7/11C
RMW-03	01/7/11C
RMW-04	01/7/11C
RMW-05	01/7/11C
RMW-06	01/7/10C
RMW-07	01/7/10C
RMW-08	01/7/11C
WHC	01/7/10C
IMTCA Method A	



E: "FIGURE 2", GEENGINEERS, 2/28/2005

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# QUESTIONNAIRE

Environmental Site Assessment  
Field Screen Questionnaire

To the best of your knowledge, do any of the following documents exist, or have you been made aware of them in the past:

Yes  No  Unkwn Environmental Site Assessments

Yes  No  Unkwn Environmental Assessments - Phase I Reports

Yes  No  Unkwn Environmental Permits

Yes  No  Unkwn Underground storage tank applications, permits, or registrations

Yes  No  Unkwn Community Right-to-Know Plan, Material Safety Data Sheets, Environmental Safety Plans, Environmental Operations and Maintenance Programs

Yes  No  Unkwn (1) Is the property or any adjoining property used for an industrial use? *the property is a winery*

Yes  No  Unkwn (2) To the best of your knowledge, has the property or adjoining property been used for an industrial use in the past? *see above*

Yes  No  Unkwn (3) Is the property or any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility? *gas station across the road*

Yes  No  Unkwn (4) To the best of your knowledge, has the property or any adjoining property been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility? *see above*

Yes  No  Unkwn (5) Are there currently, or to the best of your knowledge have there been previously, any operations at the property or within the facility which involved the processing, storage or handling of petroleum in individual containers of greater than five gallons in volume, or fifty gallons in the aggregate.

Yes  No  Unkwn (6) Are there currently, or to the best of your knowledge have there been previously, any automotive or industrial batteries in significant quantities, or pesticides, paints, or other chemicals in individual containers of greater than five gallons in volume or fifty gallons in the aggregate, stored on or used at the property or within the facility.

Yes  No  Unkwn (7) Are there currently, or to the best of your knowledge have there been previously, any industrial drums (typically 55 gallon) or sacks of chemicals located on the property or at the facility?

Yes  No  Unkwn (8) Has Fill Dirt been brought onto the property which originated from a contaminated site or which is of an unknown origin?

Yes  No  Unkwn (9) Are there currently, or to the best of your knowledge have there been previously, any Pits, Ponds, Surface Impoundments or Lagoons located on the property in connection with waste treatment or waste disposal?

Yes  No  Unkwn (10) Are there currently, or to the best of your knowledge have there been previously, any Inclinerators, Injection Wells, Transfer Stations, Waste Recycling Operations, Waste Treatment Detention, or Land Disposal Areas located on the property in connection with waste treatment or waste disposal?

Yes  No  Unkwn (11) Is there currently, or to the best of your knowledge has there been previously, any stained soil on the property?

Yes  No  Unkwn (12) Are there currently, or to the best of your knowledge have there been previously, any registered or unregistered above or underground storage tanks located on the property?

Yes  No  Unkwn (13) Are there currently, or to the best of your knowledge have there been previously, any vent pipes, fill pipes or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?

Yes  No  Unkwn (14) Are there currently, or to the best of your knowledge have there been previously installed, any urea-formaldehyde foam insulation within the property?

Yes  No  Unkwn (15) Are there currently, or to the best of your knowledge have there been previously, any flooring, drains, or walls located within the facility that are stained by substances other than water, or are emitting foul odors?

Yes  No  Unkwn (16) If the property is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government environmental and or health agency?



Yes       No       Unkwn (17) Does the Owner or Occupant of the property have any knowledge of Environmental Liens or government notification relating to past or current violations of environmental laws with respect to the Property or any facility located on the Property?

     Yes       No       Unkwn (18) Has the Owner or Occupant of the property been informed of the past or current existence of hazardous Substances or Petroleum Products or environmental violations with respect to the Property or any facility located on the property?

Yes      No      Unkwn (19) Does the Owner or Occupant of the property have any knowledge of any Environmental Site Assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assessment of the property?

Time Oil  
clean up

     Yes       No      Unkwn (20) Does the Owner or Occupant of the property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substances or petroleum products involving the property by an Owner or Occupant?

     Yes      No       Unkwn (21) Does the property discharge waste water other than storm water, directly to a ditch or stream on or adjacent to the property?

     Yes      No       Unkwn (22) To the best of your knowledge, have any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries or any other waste materials been dumped above grade, buried, and or burned on the property?

     Yes      No       Unkwn (23) To the best of your knowledge, have any railroad ties, telephone poles, treated lumber, wooden wire or cable storage reels or spools been dumped above grade, buried, and or burned on the property?

     Yes      No       Unkwn (24) To the best of your knowledge, in the past or the present have any railroad tracks or railroad right-of-ways been located on, or adjacent to the property?

     Yes      No       Unkwn (25) Is there a transformer, capacitor or any hydraulic equipment for which there are any records indicating the presence of PCBs?

     Yes      No       Unkwn (26) Are there currently, or to the best of your knowledge, has the Owner or Operator of the property been required previously to submit, file, or maintain Material Safety Data Sheets (MSDS) or a written Hazard Communication Program?

Yes  No  Unkwn (27) Are there currently, or to the best of your knowledge, has the Owner or Operator of the property been required previously to submit or file to Federal or State agencies a Chemical Contingency Plan, Emergency and Hazardous Chemical Inventory Form, Toxic Chemical Release Form, SARA Title III - Emergency Planning and Community Right-to-Know Act inventory, SARA Title III - Extremely Hazardous Substances inventory, or report under the Emergency Response Notification System?

Yes  No  Unkwn (28) To the best of your knowledge, does the property currently fall within the auspices of Department of Housing and Urban Development (HUD) supplied funding, or is a source of income revenue directly derived from, supplied, or guaranteed by HUD?

This questionnaire was answered:

Date: 10/19/06

Via: In Person

Telephone Conversation

FAV  
Sent Registered mail

This questionnaire was answered by:

Name: Harry Alhadef

Signature: [Signature]

Title: Pres

Firm: WHE, Inc.

Date: 10.19.2006

This questionnaire was administered and completed by:

Name (Print): WANCY MEYER

Signature: [Signature]

Date: 10/19/06

Blue Mountain Environmental Consulting, Inc., in reference to  
Project Number P2006/0900

Note: This Environmental Site Assessment Field Screen Questionnaire is based upon the  
American Society of Testing and Materials Transaction Screen E.50.02.1 and the State of  
Washington Environmental Disclosure Document for Transfer of Real Property.

**Environmental Site Assessment  
Field Screen Questionnaire**

To the best of your knowledge, do any of the following documents exist, or have you been made aware of them in the past:

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Yes  No  Unkwn      Environmental Assessments - Phase I Reports

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Yes  No  Unkwn      Underground storage tank applications, permits, or registrations

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Yes  No  Unkwn      (5) Are there currently, or to the best of your knowledge have there been previously, any operations at the property or within the facility which involved the processing, storage or handling of petroleum in individual containers of greater than five gallons in volume, or fifty gallons in the aggregate.

Yes  No  Unkwn      (6) Are there currently, or to the best of your knowledge have there been previously, any automotive or industrial batteries in significant quantities, or pesticides, paints, or other chemicals in individual containers of greater than five gallons in volume or fifty gallons in the aggregate, stored on or used at the property or within the facility.

*The site is winery, gas station adjoins*

*Dairy Plant*

Nitrogen, Glycol, ammonia

Yes  No  Unkwn (7) Are there currently, or to the best of your knowledge have there been previously, any industrial drums (typically 55 gallon) or sacks of chemicals located on the property or at the facility?

Yes  No  Unkwn (8) Has Fill Dirt been brought onto the property which originated from a contaminated site or which is of an unknown origin?

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Yes  No  Unkwn (15) Are there currently, or to the best of your knowledge have there been previously, any flooring, drains, or walls located within the facility that are stained by substances other than water, or are emitting foul odors?

Yes  No  Unkwn (16) If the property is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government environmental and or health agency?

Port of Sunnyside - public water & sewer

Yes  No  Unkwn (17) Does the Owner or Occupant of the property have any knowledge of Environmental Liens or government notification relating to past or current violations of environmental laws with respect to the Property or any facility located on the Property?

Yes  No  Unkwn (18) Has the Owner or Occupant of the property been informed of the past or current existence of hazardous Substances or Petroleum Products or environmental violations with respect to the Property or any facility located on the property?

Yes  No  Unkwn (19) Does the Owner or Occupant of the property have any knowledge of any Environmental Site Assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assessment of the property?

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Yes  No  Unkwn (28) To the best of your knowledge, does the property currently fall within the auspices of Department of Housing and Urban Development (HUD) supplied funding, or is a source of income revenue directly derived from, supplied, or guaranteed by HUD?

This questionnaire was answered:

Date: 10/16/06

Via:  In Person  
 Telephone Conversation  
 Sent Registered mail

This questionnaire was answered by:

Name: Jean Claude Beck

Signature: J.C. Beck

Title: Winegrower General Manager

Firm: Apex Cellars

Date: 10/16/2006

This questionnaire was administered and completed by:

Name (Print): GRACE KENRICKS

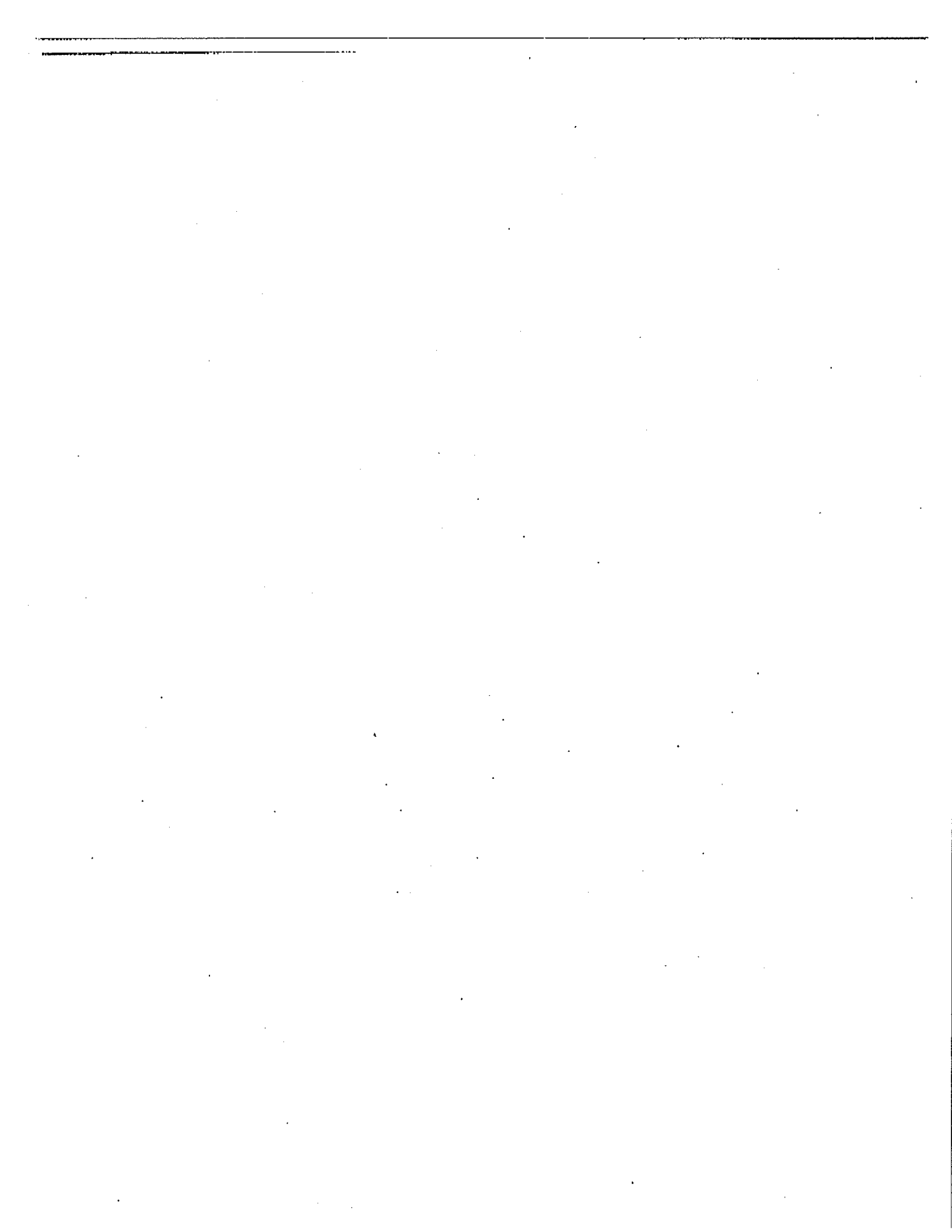
Signature: G. Kenricks

Date: 10/16/06

Blue Mountain Environmental Consulting, Inc., in reference to Project Number  
P2006/1031

Note: this Field Transaction Screen Questionnaire is based upon the American Society of  
Testing and Materials Transaction Screen E.50.02.1 and the State of Washington  
Environmental Disclosure Document for Transfer of Real Property.





Page 1 of 18  
Permit No.: ST-9118  
Issuance Date: September 13, 2004  
Effective Date: November 1, 2004  
Expiration Date: October 31, 2009

STATE WASTE DISCHARGE PERMIT NO. ST-9118

STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY  
CENTRAL REGIONAL OFFICE

In compliance with the provisions of the  
State of Washington Water Pollution Control Law  
Chapter 90.48 Revised Code of Washington, as amended,  
and  
the Federal Water Pollution Control Act  
(The Clean Water Act)  
Title 33 United States Code, Section 1251 et seq.,  
authorizes

WASHINGTON HILLS CELLARS  
dba APEX CELLARS  
111 E. LINCOLN AVENUE  
SUNNYSIDE, WA 98944

to discharge wastewater in accordance with the special and general conditions which follow.

<u>Facility Address:</u> 111 E. Lincoln Ave. Sunnyside, WA 98944	<u>Discharge Location</u> Latitude: 46° 19' 01" N Longitude: 120° 01' 07" W
<u>Industrial Wastewater Treatment Facility (IWWTF) Receiving Discharge:</u> Port of Sunnyside	
<u>Industry Type:</u> Winery	<u>SIC Code:</u> 2084

---

G. Thomas Tebb, L.E.G.  
Section Manager  
Water Quality Program  
Central Region Office  
Washington State Department of Ecology

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**Permit No.: ST-9118**  
**Expiration Date: October 31, 2009**

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**SUMMARY OF PERMIT REPORT SUBMITTALS**

Refer to the Special and General Conditions of this permit for additional submittal requirements.

Permit Section	Submittal	Frequency	First Submittal Date
S3.A.	Discharge Monitoring Report	Monthly	December 15, 2004
S4.A.	O&M Manual Update	As needed	As needed
S4.A.	O&M Manual Review Letter	Annual	November 30, 2005
S4.A.	O&M Manual Appendix A inclusion of local limits by agreement with Port of Sunnyside	As needed	November 30, 2004
S6.C.	Solid Waste Control Plan Update	As needed	As needed
S6.C.	Solid Waste Control Plan Review Letter	Annual	November 30, 2005
S7.	Spill and Slug Discharge Prevention and Control Plan Update	As needed	As needed
S7.	Spill and Slug Discharge Prevention and Control Plan Review Letter	Annual	November 30, 2005
G7.	Application for permit renewal	1/permit cycle	October 31, 2008 <sup>a</sup>

<sup>a</sup> At least one (1) year prior to permit expiration.

**SPECIAL CONDITIONS**

**S1. DISCHARGE LIMITATIONS**

All discharges and activities authorized by this permit shall be consistent with the terms and conditions of this permit. The discharge of any of the following pollutants more frequently than, or at a concentration in excess of, that authorized by this permit shall constitute a violation of the terms and conditions of this permit.

Beginning November 1, 2004 and lasting through October 31, 2009, the discharge from this facility is subject to limitations established by contract between the facility and the Port of Sunnyside. At the time of issuance of this permit, the contract, dated October 27, 1999, is in effect. The effluent limitations in the contract constitute the enforceable limits of this permit.

The Department anticipates that the facility and the Port of Sunnyside may renegotiate the contract during the course of this permit as more information is generated on the variability of the discharge and the Port's treatment capacity. Upon establishment of a new contract, the facility shall submit the contract to the Department for approval. Upon approval, the contract will be incorporated into the O&M Manual as a replacement Appendix A and the limitations established in the new contract will become the enforceable limits of this permit.

**S2. MONITORING REQUIREMENTS****A. Wastewater Monitoring**

The Permittee shall monitor the wastewater according to the following schedule:

Parameter	Units	Sample Point	Sampling Frequency	Sample Type
Flow	total gallons/month	Sump	Continuous	Meter
pH	Standard Units	Sump	Weekly	Grab
BOD	lbs./month	Sump	Monthly	Composite
TSS	lbs./month	Sump	Monthly	Composite
TKN	lbs./month	Sump	Monthly	Composite

**B. Sampling and Analytical Procedures**

Samples and measurements taken to meet the requirements of this permit shall be representative of the volume and nature of the monitored parameters, including representative sampling of any unusual discharge or discharge condition, including bypasses, upsets and maintenance-related conditions affecting effluent quality.

Sampling and analytical methods used to meet the water and wastewater monitoring requirements specified in this permit shall conform to the latest revision of the *Guidelines Establishing Test Procedures for the Analysis of Pollutants* contained in 40 CFR Part 136 or to the latest revision of *Standard Methods for the Examination of Water and Wastewater* (APHA), unless otherwise specified in this permit or approved in writing by the Department of Ecology (Department).

**C. Flow Measurement**

Appropriate flow measurement devices and methods consistent with accepted scientific practices shall be selected and used to ensure the accuracy and reliability of measurements of the quantity of monitored flows. The devices shall be installed, calibrated, and maintained to ensure that the accuracy of the measurements are consistent with the accepted industry standard for that type of device. Frequency of calibration shall be in conformance with manufacturer's recommendations and at a minimum frequency of at least one calibration per year. Calibration records shall be maintained for at least three years.

**D. Laboratory Accreditation**

All monitoring data required by the Department shall be prepared by a laboratory registered or accredited under the provisions of, *Accreditation of Environmental Laboratories*, Chapter 173-50 WAC. Flow, temperature, settleable solids, turbidity, conductivity, pH, and internal process control parameters are exempt from this requirement.

**S3. REPORTING AND RECORDKEEPING REQUIREMENTS**

The Permittee shall monitor and report in accordance with the following conditions. The falsification of information submitted to the Department shall constitute a violation of the terms and conditions of this permit.

**A. Reporting**

The first monitoring period begins on November 1, 2004. Monitoring results shall be submitted monthly. Monitoring data obtained during the previous month shall be summarized and reported on a form provided, or otherwise approved, by the Department, and be received no later than the 15<sup>th</sup> day of the month following the completed reporting period, unless otherwise specified in this permit. The report(s) shall be sent to:

Permit Data Systems Manager  
Department of Ecology  
Central Regional Office  
15 West Yakima Avenue, Suite 200  
Yakima, Washington 98902

**B. Records Retention**

The Permittee shall retain records of all monitoring information for a minimum of three years. Such information shall include all calibration and maintenance records and all original recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit. This period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the Permittee or when requested by the Director.



**C. Recording of Results**

For each measurement or sample taken, the Permittee shall record the following information: (1) the date, exact place, method, and time of sampling; (2) the individual who performed the sampling or measurement; (3) the dates the analyses were performed; (4) who performed the analyses; (5) the analytical techniques or methods used; and (6) the results of all analyses.

**D. Additional Monitoring by the Permittee**

If the Permittee monitors any pollutant more frequently than required by this permit using test procedures specified by Special Condition S2. of this permit, then the results of this monitoring shall be included in calculation and reporting of the data submitted in the Permittee's self-monitoring reports.

**E. Noncompliance Notification**

In the event the Permittee is unable to comply with any of the permit terms and conditions due to any cause, the Permittee shall:

1. Immediately take action to stop, contain, and cleanup unauthorized discharges or otherwise stop the violation, and correct the problem;
2. Repeat sampling and analysis of any violation and submit the results to the Department within thirty (30) days after becoming aware of the violation;
3. Immediately notify the Department and the local sewage treatment plant manager of the failure to comply; and
4. Submit a detailed written report to the Department within thirty (30) days (five (5) days for upsets and bypasses), unless requested earlier by the Department. The report should describe the nature of the violation, corrective action taken and/or planned, steps to be taken to prevent a recurrence, results of the resampling, and any other pertinent information.

Compliance with these requirements does not relieve the Permittee from responsibility to maintain continuous compliance with the terms and conditions of this permit or the resulting liability for failure to comply.

**F. Dangerous Waste Discharge Notification**

The Permittee shall notify the Port of Sunnyside Industrial Wastewater Treatment Facility, IWWTF, and the Department in writing of the intent to discharge into

the IWWTF any substance designated as a dangerous waste in accordance with the provisions of WAC 173-303-070. This notification shall be made at least ninety (90) days prior to the date that discharge is proposed to be initiated.

**G. Spill Notification**

The Permittee shall notify the IWWTF immediately (as soon as discovered) of all discharges that could cause problems to the IWWTF, such as process spills and unauthorized discharges (including slug discharges).

**H. Maintaining a Copy of This Permit**

A copy of this permit shall be kept at the facility and be made available upon request to Ecology inspectors.

**S4. OPERATION AND MAINTENANCE (O&M)**

The Permittee shall at all times be responsible for the proper O&M of any facilities or systems of control installed to achieve compliance with the terms and conditions of the permit.

**A. O&M Manual**

The Permittee has previously submitted an O&M Manual to the Department. The approved O&M Manual shall be reviewed by the Permittee at least annually. The Permittee shall notify the Department by letter that the Plan has been reviewed and that no changes to the Plan are required by the November 30<sup>th</sup> each year the permit is in effect.

All manual changes or updates shall be submitted to the Department whenever they are incorporated into the manual. The approved operation and maintenance manual shall be kept available at the permitted facility.

The operation and maintenance manual shall contain the treatment plant process control monitoring schedule. All operators shall follow the instructions and procedures of this manual.

The manual shall include:

1. Emergency procedures for plant shutdown and cleanup in event of wastewater system upset or failure;

2. Plant wastewater maintenance procedures, equipment; and,
3. Appendix A, containing the current User Contract and Schedule A, detailing the Permittee's hydraulic and organic loading allocations to the IWWTF. The Permittee shall place the User Contract in Appendix A of the O&M Manual and submit the Updated O&M Manual by November 30, 2004.

**B. Bypass Procedures**

The Permittee shall immediately notify the Department and the receiving IWWTF of any spill, overflow, or bypass from any portion of the collection or treatment system.

The bypass of wastes from any portion of the treatment system is prohibited unless one of the following conditions (1, 2, or 3) applies:

1. **Unavoidable Bypass**—Bypass is unavoidable to prevent loss of life, personal injury, or severe property damage. "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which would cause them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass.

If the resulting bypass from any portion of the treatment system results in noncompliance with this permit the Permittee shall notify the Department and the receiving IWWTF in accordance with Special Condition S3.E "Noncompliance Notification."

2. **Anticipated Bypass That Has The Potential to Violate Permit Limits or Conditions**—Bypass is authorized by an administrative order issued by the Department. The Permittee shall notify the Department and the IWWTF at least thirty (30) days before the planned date of bypass. The notice shall contain a description of the bypass and its cause; the duration of the bypass, including exact dates and times; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the bypass. The Department will consider the following prior to issuing an administrative order:
  - a. If the bypass is necessary to perform construction or maintenance-related activities essential to meet the requirements of the permit.

- b. If there are feasible alternatives to bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, stopping production, maintenance during normal periods of equipment down time, or transport of untreated wastes to another treatment facility.
- c. If the bypass is planned and scheduled to minimize adverse effects on the public and the environment.

After consideration of the above and the adverse effects of the proposed bypass and any other relevant factors, the Department will approve or deny the request. The public shall be notified and given an opportunity to comment on bypass incidents of significant duration, to the extent feasible. Approval of a request to bypass will be by administrative order issued by the Department under RCW 90.48.

- 3. Bypass For Essential Maintenance Without the Potential to Cause Violation of Permit Limits or Conditions -- Bypass is authorized if it is for essential maintenance and does not have the potential to cause violations of limitations or other conditions of the permit, a violation of a pretreatment standard or requirement, or adversely impact public health as determined by the Department prior to the bypass.

## **S5. PROHIBITED DISCHARGES**

### **A. General Prohibitions**

The Permittee shall not introduce into the IWWTF pollutant(s) which cause Pass Through or Interference.

### **B. Specific Prohibitions**

In addition, the following shall not be introduced into the IWWTF:

- 1. Pollutants which create a fire or explosion hazard in the IWWTF, including, but not limited to, waste streams with a closed cup flashpoint of less than 60°C (140°F) using the test methods specified in 40 CFR 261.21.
- 2. Solid or viscous pollutants in amounts which will cause obstruction to the flow in the IWWTF resulting in interference;
- 3. Any pollutant, including oxygen demanding pollutants (BOD, etc.), released in a discharge at a flow rate and/or pollutant concentration which will cause interference with the IWWTF;

4. Heat in amounts which will inhibit biological activity in the IWWTF resulting in interference, but in no case heat in such quantities that the temperature at the IWWTF treatment plant exceeds 40°C (104°F) unless the approval authority, upon request of the IWWTF, approves alternative temperature limits;
5. Petroleum oil, non-biodegradable cutting oil, or products of mineral oil origin in amounts that will cause interference or pass through;
6. Pollutants which result in the presence of toxic gases, vapors, or fumes within the IWWTF in a quantity that may cause acute worker health and safety problems;
7. Any trucked or hauled pollutants, except at discharge points designated by the IWWTF.
8. Pollutants which will cause corrosive structural damage to the IWWTF,

**C. Prohibited Unless Approved**

1. Any of the following discharges are prohibited unless approved by the Department under extraordinary circumstances (such as a lack of direct discharge alternatives due to combined sewer service or a need to augment sewage flows due to septic conditions):
  - a. Noncontact cooling water in significant volumes.
  - b. Storm water and other direct inflow sources.
  - c. Wastewaters significantly affecting system hydraulic loading, which do not require treatment or would not be afforded a significant degree of treatment by the system.
2. Unless specifically authorized in this permit, the discharge of dangerous wastes as defined in Chapter 173-303 WAC, is prohibited.

**S6. SOLID WASTE DISPOSAL**

**A. Solid Waste Handling**

The Permittee shall handle and dispose of all solid waste material in accordance with 173-350 WAC to prevent its entry into State ground water, surface water or the IWWTF.

**B. Leachate**

The Permittee shall not allow leachate from its solid waste material to enter State waters without providing all known, available and reasonable methods of

prevention, control and treatment (AKART), nor allow such leachate to cause violations of the State Surface Water Quality Standards, Chapter 173-201A WAC, or the State Ground Water Quality Standards, Chapter 173-200 WAC. The Permittee shall apply for a permit or permit modification as may be required for such discharges to State ground or surface waters.

**C. Solid Waste Control Plan**

The Permittee shall submit all proposed revisions or modifications to the existing Solid Waste Control Plan to the Department. The Permittee shall comply with any plan modifications. The Permittee shall notify the Department by letter that the Plan has been reviewed also by November 30<sup>th</sup> each year the permit is in effect.

**S7. SPILL AND SLUG DISCHARGE PREVENTION AND CONTROL PLAN**

The Permittee has previously submitted a Spill and Slug Discharge Prevention and Control Plan to the Department. The Permittee shall review the plan annually. The Permittee shall notify the Department by letter that the Plan has been reviewed by November 30<sup>th</sup> each year the permit is in effect. The Permittee shall update the plan as needed and submit changes to the Department. The plan and any changes shall be followed throughout the term of the permit.

The Spill and Slug Discharge Prevention and Control Plan shall include the following:

1. A description of a reporting system to be used to immediately notify facility management, the IWWTF operator, and appropriate State, Federal, and local authorities of any spills or slug discharges, and provisions to provide a written follow-up report within five days;
2. A description of operator training, equipment, and facilities (including overall facility plan) for preventing, containing, or treating spills or slug discharges;
3. A list of all raw materials, products, chemicals, and hazardous materials used, processed, or stored at the facility; the normal quantity maintained on the premises for each listed material; and a map showing where they are located.
4. A description of discharge practices for batch and continuous processes under normal and non-routine circumstances;
5. A brief description of any unauthorized discharges which occurred during the 36-month period preceding the effective date of this permit and subsequent measures

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taken by Permittee to prevent or to reduce the possibility of further unauthorized discharges; and

6. An implementation schedule including additional operator training and procurement and installation of equipment or facilities required to properly implement the plan.

Plans and manuals required by 40 CFR Part 112, contingency plans required by chapter 173-303 WAC, or other plans required by other agencies which meet the intent of this section may be submitted.

The current approved plan shall be maintained on the plant site and be readily available to facility personnel. The Permittee shall submit an update of the Spill and Slug Discharge Prevention and Control Plan, or a certification that it is current with the application for permit renewal.

## GENERAL CONDITIONS

### G1. SIGNATORY REQUIREMENTS

All applications, reports, or information submitted to the Department shall be signed as follows:

- A. All permit applications shall be signed by either a principal executive officer or ranking elected official.
- B. All reports required by this permit and other information requested by the Department shall be signed by a person described above or by a duly authorized representative of that person. A person is a duly authorized representative only if:
  - 1. The authorization is made in writing by the person described above and is submitted to the Department at the time of authorization, and
  - 2. The authorization specifies either a named individual or any individual occupying a named position.
- C. Changes to authorization. If an authorization under paragraph B.2. above is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization must be submitted to the Department prior to or together with any reports, information, or applications to be signed by an authorized representative.
- D. Certification. Any person signing a document under this section shall make the following certification:

"I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

### G2. RIGHT OF ENTRY

Representatives of the Department shall have the right to enter at all reasonable times in or upon any property, public or private, for the purpose of inspecting and investigating conditions relating to the pollution or the possible pollution of any waters of the State.



Reasonable times shall include normal business hours; hours during which production, treatment, or discharge occurs; or times when the Department suspects a violation requiring immediate inspection. Representatives of the Department shall be allowed to have access to, and copy at reasonable cost, any records required to be kept under terms and conditions of the permit; to inspect any monitoring equipment or method required in the permit; and to sample the discharge, waste treatment processes, or internal waste streams.

**G3. PERMIT ACTIONS**

This permit shall be subject to modification, suspension, or termination, in whole or in part by the Department for any of the following causes:

- A. Violation of any permit term or condition;
- B. Obtaining a permit by misrepresentation or failure to disclose all relevant facts;
- C. A material change in quantity or type of waste disposal;
- D. A material change in the condition of the waters of the State; or
- E. Nonpayment of fees assessed pursuant to RCW 90.48.465.

The Department may also modify this permit, including the schedule of compliance or other conditions, if it determines good and valid cause exists, including promulgation or revisions of regulations or new information.

**G4. REPORTING A CAUSE FOR MODIFICATION**

The Permittee shall submit a new application, or a supplement to the previous application, along with required engineering plans and reports, whenever a new or increased discharge or change in the nature of the discharge is anticipated which is not specifically authorized by this permit. This application shall be submitted at least sixty (60) days prior to any proposed changes. Submission of this application does not relieve the Permittee of the duty to comply with the existing permit until it is modified or reissued.

**G5. PLAN REVIEW REQUIRED**

Prior to constructing or modifying any wastewater control facilities, an engineering report and detailed plans and specifications shall be submitted to the Department for approval in accordance with Chapter 173-240 WAC. Engineering reports, plans, and specifications should be submitted at least one hundred eighty (180) days prior to the planned start of

construction. Facilities shall be constructed and operated in accordance with the approved plans.

**G6. COMPLIANCE WITH OTHER LAWS AND STATUTES**

Nothing in the permit shall be construed as excusing the Permittee from compliance with any applicable Federal, State, or local statutes, ordinances, or regulations.

**G7. DUTY TO REAPPLY**

The Permittee must apply for permit renewal at least one (1) prior to the specified expiration date of this permit.

**G8. PERMIT TRANSFER**

This permit is automatically transferred to a new owner or operator if:

- A. A written agreement between the old and new owner or operator containing a specific date for transfer of permit responsibility, coverage, and liability is submitted to the Department;
- B. A copy of the permit is provided to the new owner and the receiving IWWTF is notified and;
- C. The Department does not notify the Permittee of the need to modify the permit.

Unless this permit is automatically transferred according to section A. above, this permit may be transferred only if it is modified to identify the new Permittee and to incorporate such other requirements as determined necessary by the Department.

**G9. REDUCED PRODUCTION FOR COMPLIANCE**

The Permittee shall control production or discharge to the extent necessary to maintain compliance with the terms and conditions of this permit upon reduction of efficiency, loss, or failure of its treatment facility until the treatment capacity is restored or an alternative method of treatment is provided. This requirement applies in the situation where, among other things, the primary source of power for the treatment facility is reduced, lost, or fails.

**G10. REMOVED SUBSTANCES**

Collected screenings, grit, solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters shall not be resuspended or reintroduced to the effluent stream for discharge.

**G11. PAYMENT OF FEES**

The Permittee shall submit payment of fees associated with this permit as assessed by the Department. The Department may revoke this permit if the permit fees established under Chapter 173-224 WAC are not paid.

**G12. PENALTIES FOR VIOLATING PERMIT CONDITIONS**

Any person who is found guilty of willfully violating the terms and conditions of this permit shall be deemed guilty of a crime, and upon conviction thereof shall be punished by a fine of up to ten thousand dollars (\$10,000) and costs of prosecution, or by imprisonment in the discretion of the court. Each day upon which a willful violation occurs may be deemed a separate and additional violation.

Any person who violates the terms and conditions of a waste discharge permit shall incur, in addition to any other penalty as provided by law, a civil penalty in the amount of up to ten thousand dollars (\$10,000) for every such violation. Each and every such violation shall be a separate and distinct offense, and in case of a continuing violation, every day's continuance shall be and be deemed to be a separate and distinct violation.

