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17 June 2010

Brianne Plath
Site Manager
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Subject: Report of Independent Actions
111 East Lincoln Avenue, Sunnyside, WA
Facility ID # 46552116
K/J 0792027.40

Dear Ms. Plath:

Kennedy/Jenks Consultants prepared this letter on behalf of the Federal Agricultural Mortgage Corporation (FAMC), owner of the property at 111 East Lincoln Avenue in Sunnyside, Washington (the Site or former Apex Winery site), which is the subject of your 30 December 2009 Early Notice Letter. The purpose of this letter is to provide clarifications on the independent actions performed on behalf of the owner of the Site and to provide additional information so that the Washington Department of Ecology (Ecology) can proceed with a Site Hazard Assessment. To that end, we are addressing some of the comments in the Department Decision and Recommendation memorandum that accompanied your letter.

Summary of Site History

Much of the following site history comes from a Phase I Environmental Site Assessment (Phase I ESA, Blue Mountain Consulting, Inc., 2006) prepared for the current tenant, Cream Winery, and from reviews of historical city directories and Sanborn insurance maps. The Phase I ESA is provided as Attachment A. A summary of the City directories reviewed is provided as Attachment B.

The Site was originally developed as an evaporated milk plant in 1942. The facility closed in 1986 and sold to the Port of Sunnyside. The Port of Sunnyside leased the facility to a winery in 1988, then sold it to Seitz in 1990. In 1992, the facility was sold to the Washington Hills Cellars (WHC) winery. WHC was unable to make loan payments on the property and FAMC foreclosed on the property in 2007. The current tenant, Cream Winery, has operated a winery at the Site since 2007.

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Some of the features of potential environmental concern at the Site include a former truck shop garage near the southwest corner of the building, a mechanical shop in the center of the south wing of the building, and a coal bin east of the boiler. There was an underground storage tank and fueling facility adjacent to the truck shop. Reportedly, the Port of Sunnyside removed the 5,000-gallon fuel underground storage tanks (UST) from the site in the spring of 1988; however, there are no records of the UST removal or soil conditions at the time of the removal. In addition, there are two deep water supply wells on the property, one on the west side, one on the east side.

In 1996, leaking UST(s) were discovered on the adjacent Valley View Market. Time Oil Company (TOC), which provided fuel for the Valley View Market, initiated cleanup actions at the Market.

Summary of Actions Taken By Time Oil Company at Time Oil Site and FAMC Site

Hydrocarbon contamination was first detected at the adjacent Valley View Market property (TOC site) in September 1996 while TOC was installing cathodic protection on the UST system. Upon discovery, TOC initiated remedial investigation activities at the TOC site including soil and groundwater sampling, remedial technology testing, and installation of a remediation system. The release of gasoline from the TOC UST system resulted in migration of light non-aqueous phase liquid (LNAPL) and dissolved-phase petroleum hydrocarbons more than 150 feet to the southeast of the TOC property, toward and beneath the Site. Prior to installation and operation of the remediation system, LNAPL was measured in groundwater monitoring wells MW-4, MW-5, MW-6, and MW-9 with thicknesses generally greater than 0.5 feet (July 1999).

Remediation technologies conducted at the TOC site included soil vapor extraction (SVE) and in-situ air sparging. SVE tests consisted of connecting a vacuum blower to three monitoring wells (MW-3, MW-4, and MW-5) located on the TOC property. The in-situ air sparging test consisted of injecting air into TOC property well SW-1 while operating the SVE system.

In May 2000, a "bioslurp" remedial system was installed at both the TOC property and former Apex Winery site by TOC. The bioslurp remedial system was designed to remove LNAPL, groundwater, and subsurface vapors from the extraction wells by direct vacuum, which also introduces oxygen into the formation to enhance natural biodegradation. The bioslurp system operated between August 2000 and August 2006. In addition, oxygen releasing compounds (ORCs) were placed in direct-push borings and in existing site wells. The ORCs were installed to enhance in-situ aerobic bioremediation of petroleum hydrocarbons by releasing dissolved oxygen to impacted groundwater.

TOC's contractors initially selected analytical methods (EPA 8020) that could not have detected tetrachloroethylene (also called perchloroethylene [PCE]), and later, when they used a method that could have detected these compounds (EPA 8260), TOC's contractor requested that the laboratory specifically not report these compounds.

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It was only several years *after* the remediation system was shut down that the laboratory inadvertently reported these compounds and the residual PCE was discovered on the former Apex Winery site. At that time, the laboratory also began reporting methyl tert-butyl ether (MTBE) results with the groundwater analysis reports, and MTBE was found to be present in wells on the former Apex Winery site.

Note: While this highly soluble and, therefore, fast moving in groundwater gasoline constituent is not currently found in wells around the Valley View Market site, our review of the laboratory reports from the initial SVE operations at the Valley View Market site (Alisto Engineering 1997, in the Ecology project file) indicates that as much as 402,600 micrograms per liter of MTBE were present in the soil vapor extracted from the UST area at the Valley View Market property.

Summary of Actions Taken by Current Tenant, Cream Winery

It appears that the Port of Sunnyside removed the UST at the winery Site in 1988; but the UST was not formally closed through Ecology. To close the UST issue, Cream Winery hired Blue Mountain Environmental (Blue Mountain 2007) to investigate the former UST cavity to close the UST issue with Ecology (Ecology facility no. 46552166; UST file no. 5903). Petroleum hydrocarbon constituents were not found to be present in UST cavity soil above MCTA cleanup levels and the Ecology UST file was closed 21 May 2007.

Summary of Actions Taken by FAMC

FAMC's initial concern was the potential for contaminated shallow groundwater to impact the deeper water wells, which Cream Winery intended to use for winery process water.

- Therefore, Kennedy/Jenks conducted static water level assessments, well video logging, and aquifer pump testing to evaluate the potential for impacts to the deeper aquifer. Reports on these evaluations are provided in Attachment C (Kennedy/Jenks, 2008a and 2008b). Kennedy/Jenks concluded, if the wells on site were pumped at the maximum rate allowed for an exempt water right (5,000 gallons per day), there was minimal risk of pulling contaminants into the deeper aquifer, because of confining layers above the deeper water supply wells.

Next, Kennedy/Jenks was asked to assess potential source(s) of the PCE and MTBE present at the Site.

- We found that MTBE was present at the Time Oil site, based on air monitoring data for the SVE system (Alisto Engineering 1997). Air quality monitoring at the Time Oil site did not include analysis for chlorinated VOCs, including PCE.
- Kennedy/Jenks conducted additional historical reviews of the area and found that the Polk's City Directories from 1974, 1985, 1991-2 indicate the Valley View Market property at 107 West Lincoln had a laundry. We were unable to find documentation as to whether or not this laundry had on-site dry cleaning operations; although a worker at the Cream Winery who

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has been in the area for many years (Mr. Jim Warren) stated he recalled that dry cleaning was available at the laundry.

- In September 2008, Kennedy/Jenks conducted soil and groundwater sampling using direct-push drilling equipment, for collection of soil and groundwater samples to characterize the VOCs at the west and southern portion of the Apex Winery Site in the direction of water production Well 2, and to evaluate site lithology. Seven of the eight soil borings were advanced to a depth of approximately 25 feet below ground surface (bgs) for collection of soil and shallow groundwater samples. The other boring was advanced to a depth of 40 feet bgs to verify the presence of fine grained soil identified in the production well logs. None of the VOCs or petroleum hydrocarbons detected in soil and groundwater samples collected during this investigation exceeded MTCA cleanup goals.
- To further assess potential on-site sources of PCE, Kennedy/Jenks installed monitoring wells (with soil and groundwater sampling) in the vicinity of the former truck shop, which was recently demolished by Cream Winery. Kennedy/Jenks collected shallow soil samples within the winery building near former shop areas because the tenant had plans for building expansion and soil disturbance in these areas. The investigations were conducted in August 2009. Our reports on these investigations are included in Attachment C (Kennedy/Jenks, 2008c, 2009a, and 2009b).

Our investigations found no obvious source areas for PCE in shallow soil within the building; no VOCs were detected; including no PCE above the reporting limit of less than 70 µg/kg.

In the former truck shop area no apparent source of PCE or MTBE was identified in shallow soils or in groundwater. Low concentrations of PCE was detected in reconnaissance groundwater samples collected in the truck shop area and in groundwater samples collected from one of the two new wells in this area; however, PCE was present in the truck shop area at concentrations below the MTCA Method A groundwater cleanup level of 5.0 µg/l. During the same groundwater sampling event, PCE was detected in groundwater samples collected from four monitoring wells located upgradient of the truck shop area at concentrations that exceed the MTCA Method A cleanup level. Therefore, it appears that the Truck Shop is not a source of PCE.

Based on our investigations, Kennedy/Jenks concluded that:

- There is no apparent MTBE or PCE source area on the property.
- The PCE and MTBE groundwater contamination does not extend beyond the downgradient property line at concentrations above MTCA cleanup levels.
- It is possible that the residual PCE at the Site could have come from the adjacent TOC site. If this is the original source, the source area has been cleaned up during the UST remediation actions on the TOC site, leaving only low levels of PCE at the edges of the

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plume on the Site where remediation system operated by Time Oil were unable to fully remediate.

Report Certification

The investigations by Kennedy/Jenks were originally intended for internal use between the property owner and a potential purchaser and, therefore, some were not stamped by a Washington Registered Geologist. Subsequently Ecology has asked for independent action information as part of the Site Hazard Assessment ranking process. We have attached stamped cover letters to these reports that certify that these reports were prepared under the direction and supervision of Steven Misner, a licensed professional geologist/hydrogeologist in the State of Washington.

Should you have any questions, please do not hesitate to contact me at (503) 295-4911.

Very truly yours,

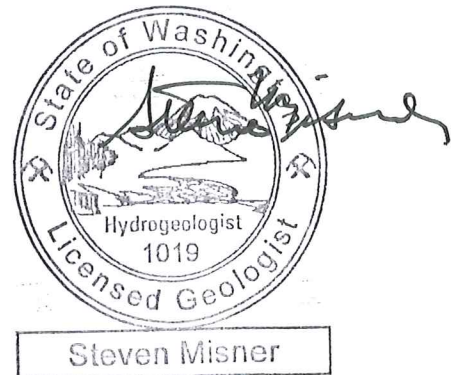
KENNEDY/JENKS CONSULTANTS



Steven Misner, LHG
Project Geologist

Enclosures

cc: Lynne Paretchan, Attorney
Mark Browning, Federal Agricultural Mortgage Corporation



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List of Attachments

Attachment A – *Environmental Site Assessment*. 25 October 2006.

Attachment B – Summary of City Directory and Sanborn Reviews

Attachment C – Kennedy/Jenks Reports

- *Groundwater Elevation Results, Former Apex Winery*. 28 February 2008.
- *Revised Aquifer Evaluation for Production Well Use, Former Apex Winery, Sunnyside, Washington*. 29 August 2008.
- *Summary of Shallow Soil and Groundwater Investigation, Former Apex Winery Property*. 29 October 2008.
- *Results of Soil Investigation Inside Cream Winery Buildings, Former Apex Winery Property*. 18 September 2009.
- *Additional Shallow Soil and Groundwater Investigation Report, Former Apex Winery*. 28 September 2009.

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- Blue Mountain Environmental Consulting, Inc. 2007. *Phase II Environmental Site Investigation and Retro USTs Site Closure at 111 East Lincoln Avenue, Sunnyside Washington 98944*, Blue Mountain Environmental Consulting, Inc., 30 March 2007.
- Kennedy/Jenks Consultants. 2008a. *Groundwater Elevation Results, Former Apex Winery*. Kennedy/Jenks Consultants, 28 February 2008.
- Kennedy/Jenks Consultants. 2008b. *Revised Aquifer Evaluation for Production Well Use, Former Apex Winery, Sunnyside, Washington*. Kennedy/Jenks Consultants, 29 August 2008.
- Kennedy/Jenks Consultants. 2008c. *Summary of Shallow Soil and Groundwater Investigation, Former Apex Winery Property*. Kennedy/Jenks Consultants, 29 October 2008.
- Kennedy/Jenks Consultants. 2009a. *Results of Soil Investigation Inside Cream Winery Buildings, Former Apex Winery Property*. 18 September 2009.
- Kennedy/Jenks Consultants. 2009b. *Additional Shallow Soil and Groundwater Investigation Report, Former Apex Winery*. Kennedy/Jenks Consultants, 28 September 2009.

Attachment A

Environmental Site Assessment

ENVIRONMENTAL SITE ASSESSMENT/ASTM E1527-05

at

APEX WINERY
111 E. Lincoln Ave.
Sunnyside, Washington

October 25, 2006

Prepared for:
Zion's Agricultural Finance
Attn: Mr. Rod Avey
500 5th St.
Ames, IA 50010

Blue Mountain Environmental Consulting, Inc.
505 Willard Street
Waitsburg, Washington 99361
(509) 521-6531

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PROJECT DATA SUMMARY

Client: Zion's Agriculture Finance
500 5th 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.

X 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.

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 Alhadeff, 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 Alhadef, 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 | ≥ 2 pCi/L and ≤ 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.

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

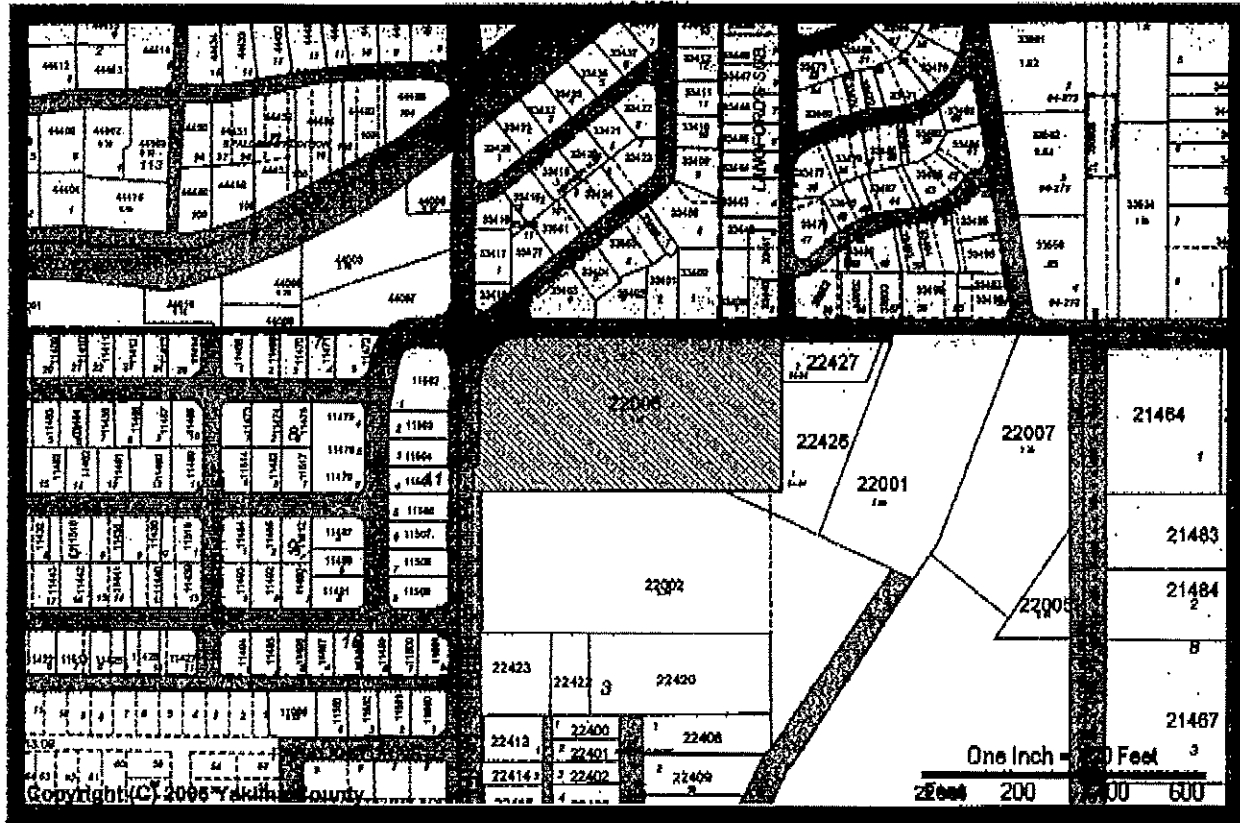
Source: EPA

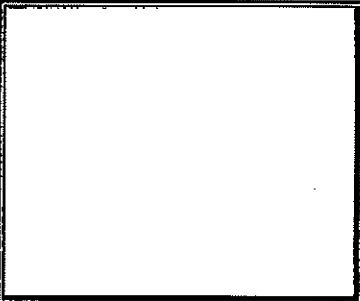
Telephone: 703-413-0223

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): 480 | Tax Year: 2007 |
| | Improvement Value: \$428800 | 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 2015) | |
| 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: 35 | | |
| Narrative Description: BEG NW COR NW1/4 NW1/4, TH E 670 FT, THS 341.5 FT, TH N 89°59'59 W 668.81 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 Quality 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 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.

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

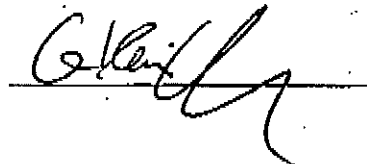
9.0 STATEMENT OF THE ENVIRONMENTAL PROFESSIONALS

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:

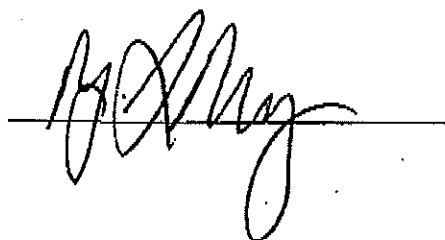


Statement of Quality Control

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.

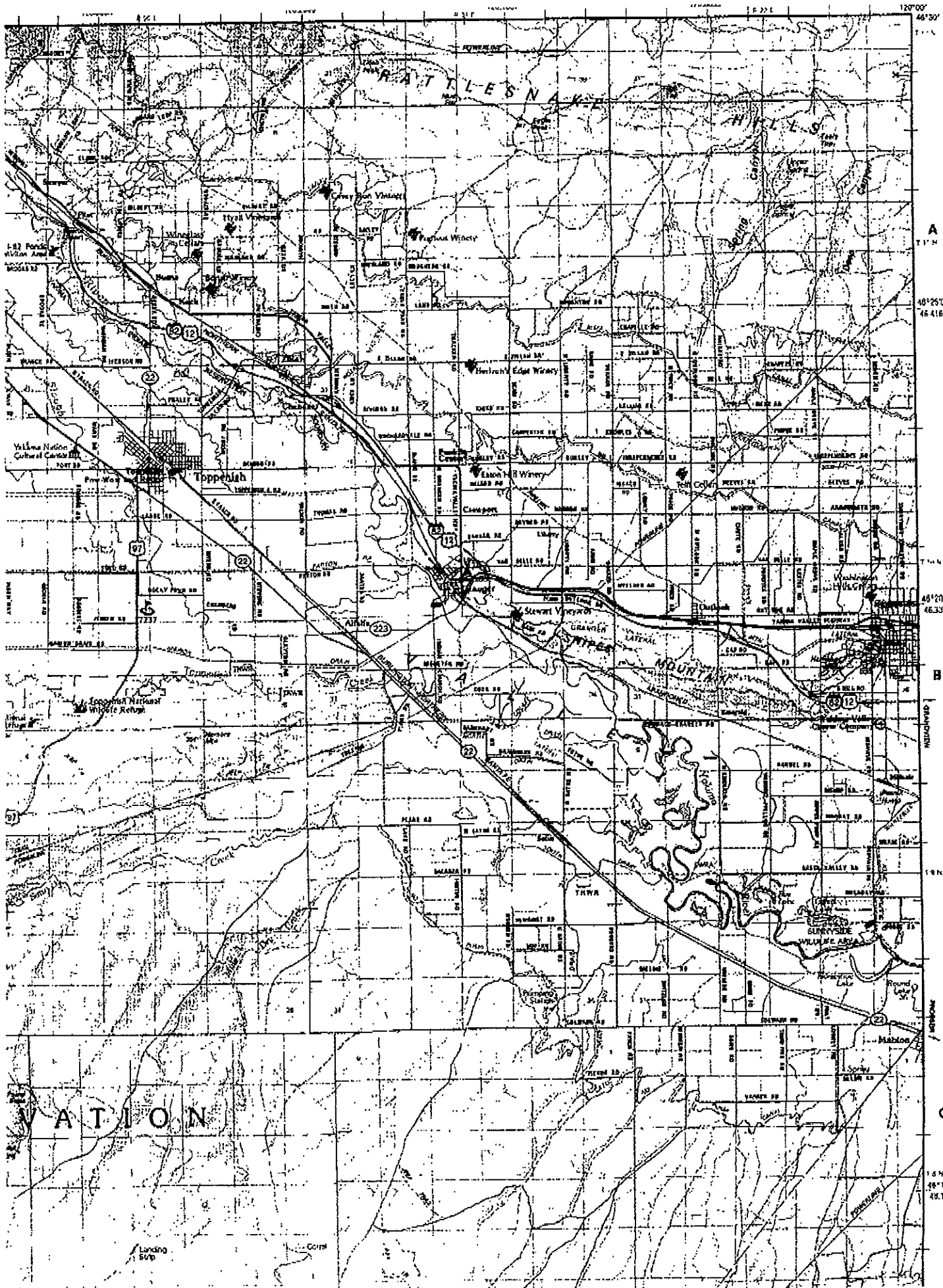
Mr. Peter H. Trabusiner performed quality assurance.

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

Lynne -
maps + photos
are black +
unreadable on
my copy.

-GARY



A

48°25'00"
46.4167°

48°20'00"
46.3333°

B

Continued on Page 33

C

48°10'00"
46.1667°

Attachment B

Summary of City Directory and Sanborn Reviews

Kennedy/Jenks reviewed building permits at the City of Sunnyside Public Works Department historical resources at the Sunnyside Public Library to help identify potential sources of PCE in the vicinity of the former Apex Winery site. Our records review focused on the Time Oil gas station cleanup site, located at 107 West Lincoln, and the building currently used as a self-service laundry located at 100 West Lincoln.

Building Department Records

Building Department Review at City of Sunnyside office, 818 East Edison, Sunnyside WA 98944, (509) 837-5206

100 West Lincoln (currently the Agitation Station self-service laundry)

Records include:

Certificate of Occupancy, dated 1991 under name of Valley View Laundry. Certificate includes description of the business as "washers and driers-self serve". The documents include a drawing showing connection to the City of Sunnyside sewer collection system on Carnation Drive.

Permit dated 1995 to build a wall under the name of Gerald Gorence, (509) 837-6100.

Permit dated 2001 to build a firewall.

107 West Lincoln (currently Valley View Mart)

Permit dated 17 February 1972 for use of the building for storage under the name of Gerald Gorence.

Permit dated 1 May 1972 to install gas pumps under the name of Time Oil.

Permit dated 1996 for Pepsi sign in the name of Soo Huan Kim.

Permit dated 5 March 1997 for subsurface investigation under name of Alisto Engineering

Permit dated 1997 for street excavation, six borings under name of Alisto Engineering.

Air permit for remediation system dated 2001.

Permit dated 2003 to remove two underground storage tanks and piping, under name of Pacific Environmental.

Other reports related to the gas station cleanup and minor repairs are present in the City's permit file.

The City Public Works department also provided a sewer map of the vicinity, which is included at the end of this attachment. This map shows the properties at 100 and 107 West Lincoln are connected to a sewer line that runs north to south on Carnation Drive, one block west of South First Street. This line primarily serves residential properties to the west of the former Apex Winery. The line then runs west to east along Nicolai Avenue and then to the City wastewater treatment plant on South Fourth Street.

Historical Documents

City directory review, Sunnyside Public Library 621 Grant Street, Sunnyside WA 98944, (509) 837-3234. Kennedy/Jenks looked at R.W. Polk's City Directories for Sunnyside-Grandview-Prosser from approximately every decade that was available. We looked at the address directories for both South First Street and East and West Lincoln, where they intersect. We also looked at the business pages under "Cleaners and Dyers," "Dry Cleaners," and "Laundromat," which are listed below for entries in Sunnyside. We also looked for entries under the name "Valley View."

Polk's 1963

The street directory starts with 107 West Lincoln, listed as Valley View Barber Shop and Valley View Market. The remaining areas appear residential.
There is no entry for 100 West Lincoln.
No business listings.

Polk's 1974

107 West Lincoln is listed as Valley View Laundry and Valley View Market.
1517 East Lincoln is listed as Goodman TV Service.
Cleaners and Dyers:
Valley Cleaners, 422 South Sixth Street
Royal Cleaners, 520 South Seventh Street
Laundries:
Grandview Laundry, 304 West Main
Valley View Laundry, 107 West Lincoln
Valley View:
Valley View Laundry, Gerald C. & Mrs. Barbara J. Gorence, 107 West Lincoln
Valley View Market, Gerald C. & Mrs. Barbara J. Gorence, 107 West Lincoln

Polk's 1985

Lincoln Ave. East, Carnation Dairy
107 West Lincoln Valley View Center and Laundry
Remaining area appears residential
Cleaners:
Valley Cleaners, 422 South Sixth Street
Dry Cleaners:
Valley Cleaners, 422 South Sixth Street
Laundries & Dry Cleaners:
Valley View Laundry, 107 West Lincoln
Laundries Self-Service:
Whirl Kleen 820 State Highway 12
Valley View:
Valley View Center, Gerald C. Gorence, 107 West Lincoln.

Polk's 1991-1992

107 West Lincoln Valley View Laundry, Valley View Center
Remaining area appears residential
Cleaners:
Mabel's Ideal Cleaners, 602 East Decatur
Valley Cleaners, Jungwon Chae Young Sok Cha, 422 South 6th Street
No category for "Dry Cleaners."
Laundries & Dry Cleaners:
Valley View Laundry, Gerald C. Gorence, 107 West Lincoln
Laundries Self-Service:
Whirl Kleen 820 State Highway 12
Valley View:
Valley View Center, Gerald C. Gorence, 107 West Lincoln.

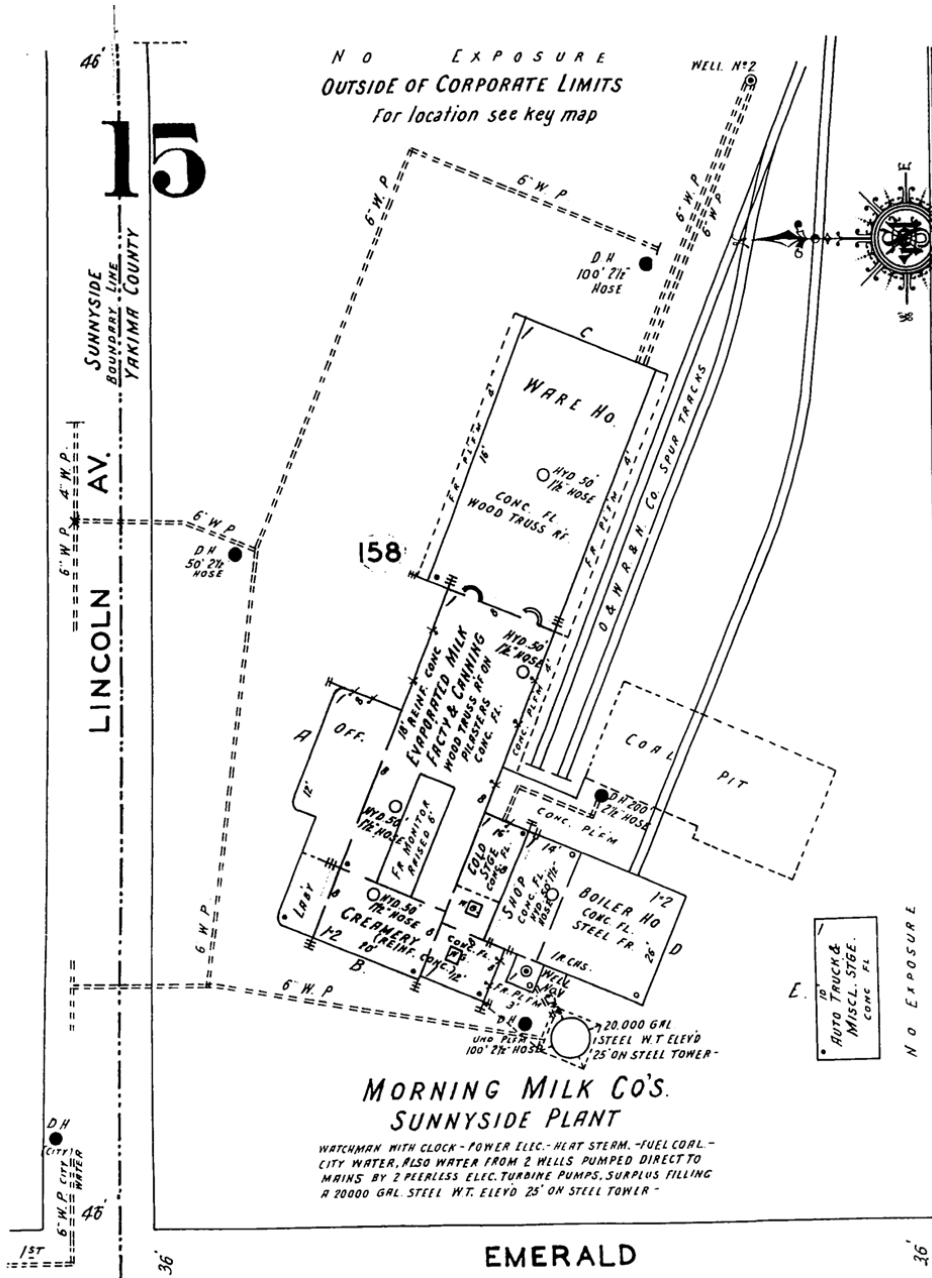
Newspaper Archives

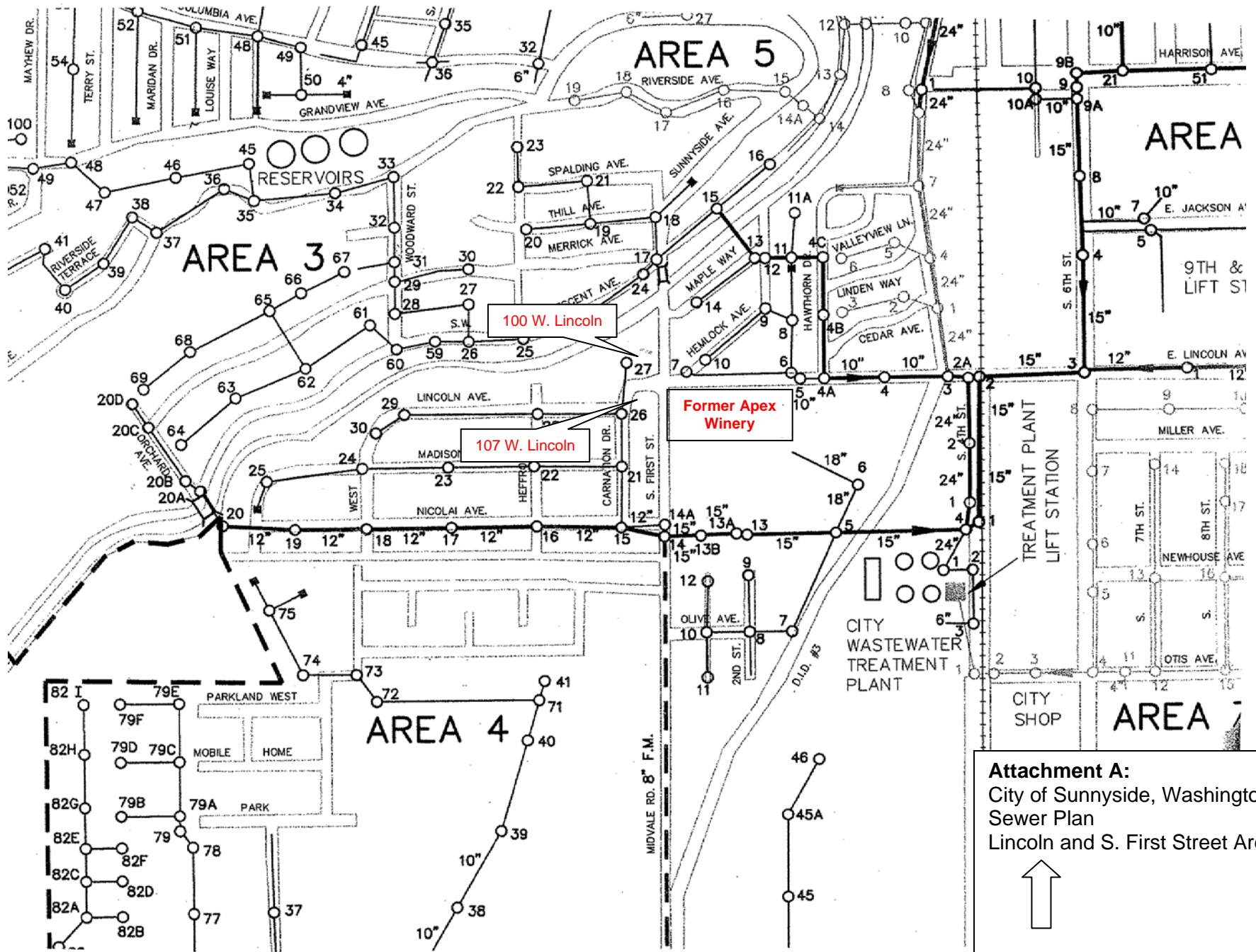
Kennedy/Jenks also visited the office of the Daily Sun News at 600 South 6th Street, Sunnyside, WA 98944, (509) 837-4500 to review old newspaper advertisements from the

1980s, when Valley View Center operated a laundry. We reviewed several years of newspapers from 1985 and 1990; however, no advertisements for the Valley View Center laundry were found.

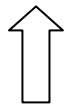
Sanborn Map Reviews

Kennedy/Jenks reviewed historical Sanborn Insurance Company Maps for the City of Sunnyside that are available online through the public library Sanborne collection. Maps were available for the area from the years 1908, 1910, 1928, and 1944. Only the map from 1944 included coverage of the Lincoln and First Street area. A portion of this map showing the Site is reproduced below. The map shows the milk evaporation plant including the truck shop on the southwest corner of the Site and two water supply wells.





Attachment A:
 City of Sunnyside, Washington
 Sewer Plan
 Lincoln and S. First Street Area



Attachment C

Kennedy/Jenks Consultants Reports

Kennedy/Jenks Consultants

Engineers & Scientists

200 S.W. Market Street, Suite 500
Portland, Oregon 97201
503-295-4911
FAX: 503-295-4901

17 June 2010

Ms. Brianne Plath
Site Manager
Toxics Cleanup Program
Washington Department of Ecology
15 West Yakima Avenue, Suite 200
Yakima, WA 98902-3452

Subject: Report Certification
Cream Winery, Sunnyside, Washington
Ecology Facility ID # 46552116
K/J 0792027.40

Dear Ms. Plath:

The attached report titled *Groundwater Elevation Results, Former Apex Winery* and dated 28 February 2008, was originally prepared as an internal report on behalf of our client, The Federal Agricultural Mortgage Company, and therefore, was not stamped by a Washington Registered Geologist at the time the report was prepared. At your request, we are providing this information to Ecology to supplement information about conditions at the Cream Winery site in Sunnyside Washington.

I certify that the attached report and associated field work was prepared or conducted by me or by persons working under my direct supervision.

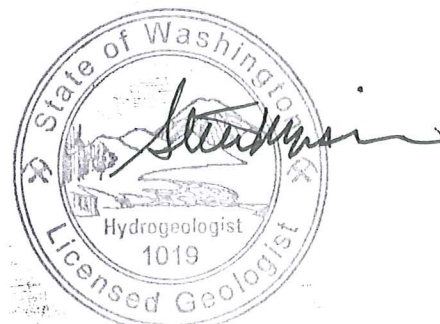
Very truly yours,

KENNEDY/JENKS CONSULTANTS



Steven Misner, LHG
Project Geologist

Enclosure



Steven Misner

Kennedy/Jenks Consultants

Engineers & Scientists

200 S.W. Market Street, Suite 500
Portland, Oregon 97201
503-295-4911
Fax 503-295-4901

28 February 2008

Lynne Paretchan
Associate
Perkins Coie LLP
1120 NW Couch Street
Tenth Floor
Portland, OR 97209-4128

Subject: Groundwater Elevation Results
Former Apex Winery
K/J 0792027.00

Dear Ms. Paretchan:

This letter report summarizes the results of field activities conducted on 6 February 2008 at the Former Apex Winery Site (Site) located in Sunnyside, Washington. Kennedy/Jenks Consultants measured depth to groundwater in production, monitoring, and remediation wells at the Site to characterize groundwater flow direction and gradient, and to help evaluate whether the production wells are screened in the same aquifer as the monitoring and remediation wells. Kennedy/Jenks Consultants also arranged to have the elevations of the water well casings surveyed and referenced to the existing shallow well network. Sound Environmental Strategies (Sound Environmental) has reported the results of groundwater monitoring and sampling activities at the Site between 1997 and 2008, and some of the monitoring and remediation wells are known to be contaminated.

This letter report includes discussions of the Site background, field activities, groundwater elevation results, and recommendations for future use of production wells at the Site.

Background

The Site is located at 111 East Lincoln Street in Sunnyside, Washington. The site map is provided as Figure 1.

The Site occupies an area of approximately 4.67 acres and includes a wine production facility with a tasting room, vacant land, and outbuildings, including a garage. The current occupant of the property is Washington Hills Cellars, Inc. The property structures have occupied the Site since about 1947. The Site was apparently a dairy processing facility prior to use as a winery. Residences, a gas station, a mini-mart, a laundromat, and storage facilities occupy the adjacent properties.

Lynne Paretchan
Perkins Coie LLP
28 February 2008
Page 2

Field Activities Conducted

Kennedy/Jenks Consultants traveled to the Site on 6 February 2008 to measure static water levels in the production, monitoring, and remediation wells on the property.

Activities completed by Kennedy/Jenks Consultants during the site visit included:

- Measuring depths to groundwater in two water production wells, seven monitoring wells, and five remediation wells, in that order, on 6 February 2008 using an electronic water level indicator.
- Decontaminating the electronic water level indicator between each depth-to-groundwater measurement by scrubbing the indicator with hot water and non-phosphate soap, and rinsing with deionized water.
- Disposing decontamination water generated during groundwater measurement activities to the sanitary sewer drains inside the winery building.

Worley Surveying was also onsite on 6 February 2008 to survey Production Well 1, Production Well 2, and existing wells MW-10 and MW-18.

Results of Groundwater Elevation Monitoring

Depth to groundwater and groundwater elevation data are summarized in Table 1.

A groundwater elevation contour map is provided as Figure 2. Depths to groundwater measured on 6 February 2008 ranged between approximately 15.74 feet below ground surface (bgs) (Production Well 2) and 26.96 feet bgs (Production Well 1). Groundwater elevations of the two production wells are within 0.5 feet of each other. The groundwater flow direction during this monitoring and sampling event was generally to the southeast, as shown on Figure 2. The groundwater gradient between remediation well RW-08 and monitoring well MW-12 was approximately 0.05 feet per foot. Kennedy/Jenks Consultants compared our estimates of the shallow groundwater surface elevations and gradient to estimates made by Sound Environmental, which used data collected during an October 2007 sampling event, and includes groundwater elevation data from wells on the former Time Oil site and in the intervening street right of way. Kennedy/Jenks Consultants found our groundwater gradient and direction results to be similar to those of Sound Environmental. A copy of the groundwater gradient figure from Sound Environmental's fourth quarter 2007 report is attached.

Summary and Recommendations

Based on the observed water levels at the time of the measurements, it appears that there is an approximate 5- to 6-foot downward vertical gradient between the shallow and deeper water-bearing zones. However, the groundwater elevation at monitoring well MW-12, compared to the two production wells water elevation, suggests that the vertical downward gradient seen at other

Lynne Paretchan
Perkins Coie LLP
28 February 2008
Page 3

wells may not exist in this area. This could indicate the lack of, or a reduction in, confining pressure in the deeper water-bearing zone or other hydrogeologic conditions. The presence of a downward vertical gradient also suggests that the deeper water-bearing zone is under some confining pressure, based on groundwater elevations and the locations of well perforations in the production wells.

Because there is a downward vertical gradient between the shallow and deeper water-bearing zones, there is a potential for volatile organic compounds (VOCs) present in the shallow water-bearing zone to migrate downward. However, this downward migration would depend on the competency of a confining unit to mitigate contaminant transport, and there currently are no data regarding the location or competency of a confining unit at the Site. Data have not been collected at the Site to determine whether these two water-bearing zones are hydraulically connected.

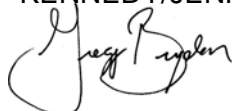
To fully understand whether there is hydraulic connection between the shallow and deeper water-bearing zones, aquifer parameters need to be collected. Kennedy/Jenks Consultants recommends performing a short-term aquifer test. This short-term aquifer test would provide data to determine:

- Whether a hydraulic connection exists between the two water-bearing zones
- Whether leakage is occurring between the two zones
- The feasibility of using the existing onsite production wells for future water use without impacting VOC migration in the shallow zone.

Please call us at (503) 295-4911 if you have questions or comments regarding this letter report and/or the proposed changes to the sampling schedule.

Very truly yours,

KENNEDY/JENKS CONSULTANTS



Gregg Bryden
Project Manager

Enclosures

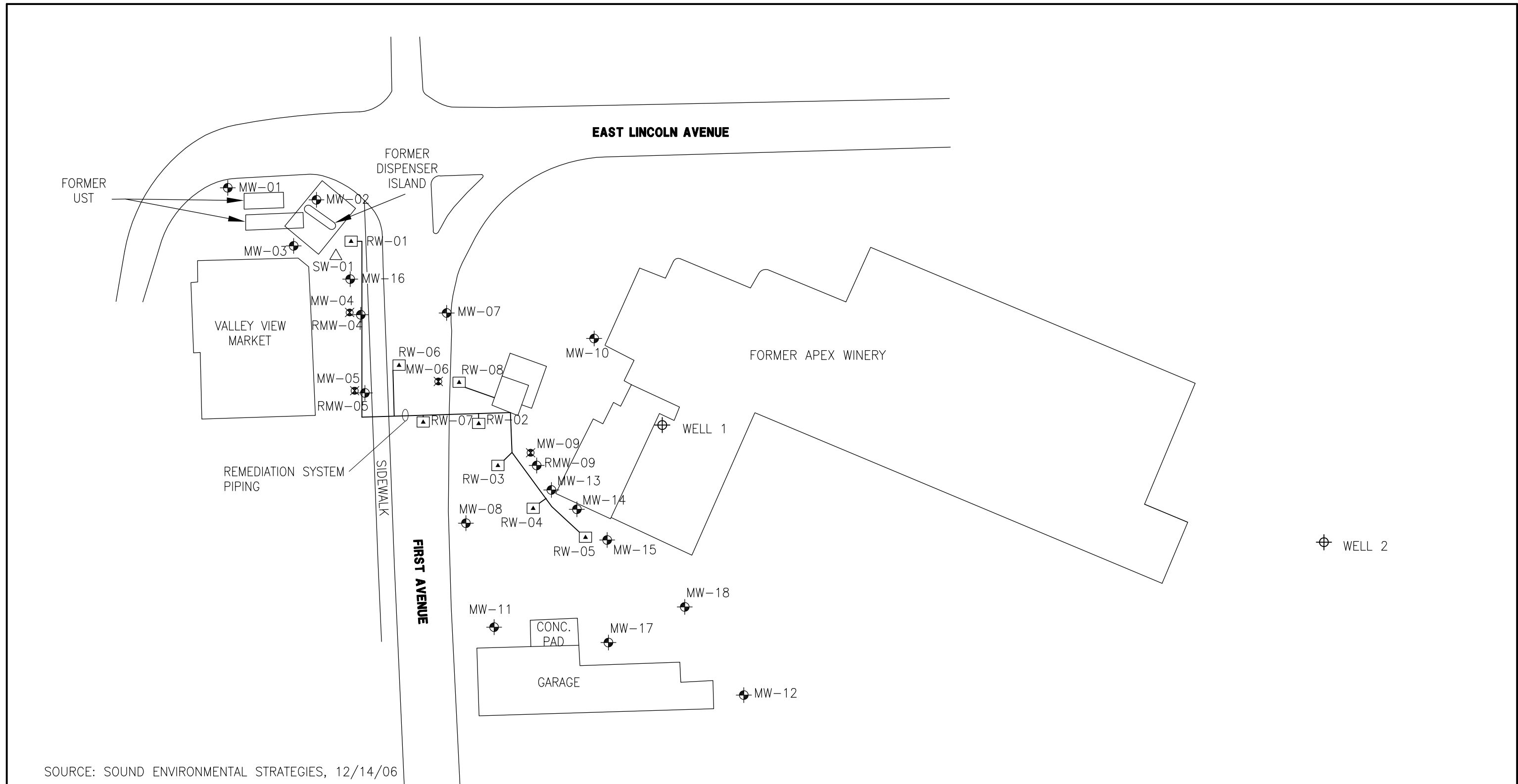
cc: Mark Browning, Perkins Coie LLP

Table 1: Groundwater Elevation Results

| Well Designation | Date Measured | Top of Casing Elevation (feet) ^(a) | Depth to Groundwater (feet) ^(b) | Groundwater Elevation (feet) |
|-------------------|---------------|---|--|------------------------------|
| MW-08 | 2/6/2008 | 751.46 | 21.05 | 730.41 |
| MW-10 | 2/6/2008 | 752.83 | 20.15 | 732.68 |
| MW-11 | 2/6/2008 | 748.57 | 21.22 | 727.35 |
| MW-12 | 2/6/2008 | 744.29 | 20.34 | 723.95 |
| MW-13 | 2/6/2008 | 750.25 | 20.92 | 729.33 |
| MW-14 | 2/6/2008 | 749.88 | 21.41 | 728.47 |
| MW-15 | 2/6/2008 | 749.39 | 21.64 | 727.75 |
| MW-17 | 2/6/2008 | 747.27 | NM | NM |
| MW-18 | 2/6/2008 | 747.58 | 21.01 | 726.57 |
| RW-02 | 2/6/2008 | 751.43 | NM | NM |
| RW-03 | 2/6/2008 | 750.87 | 20.80 | 730.07 |
| RW-04 | 2/6/2008 | 749.65 | 20.80 | 728.85 |
| RW-05 | 2/6/2008 | 748.51 | 20.51 | 728.00 |
| RW-08 | 2/6/2008 | 754.12 | 17.61 | 736.51 |
| RMW-09 | 2/6/2008 | 751.68 | 20.15 | 731.53 |
| PRODUCTION WELL 1 | 2/6/2008 | 750.71 | 26.96 | 723.75 |
| PRODUCTION WELL 2 | 2/6/2008 | 739.17 | 15.74 | 723.43 |

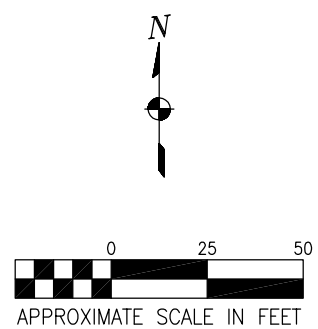
Notes:

- (a) Measured in feet above mean sea level.
- (b) Measured in feet below the top of the well casing.



LEGEND

- SW-01 SPARGE WELL (ABANDONED)
- RW-01 RECOVERY WELL (GROUNDWATER AND VAPOR EXTRACTION)
- MW-14 MONITORING WELL
- MW-05 ABANDONED MONITORING WELL
- WELL 1 PRODUCTION WELL
- UST FORMER UNDERGROUND STORAGE TANK



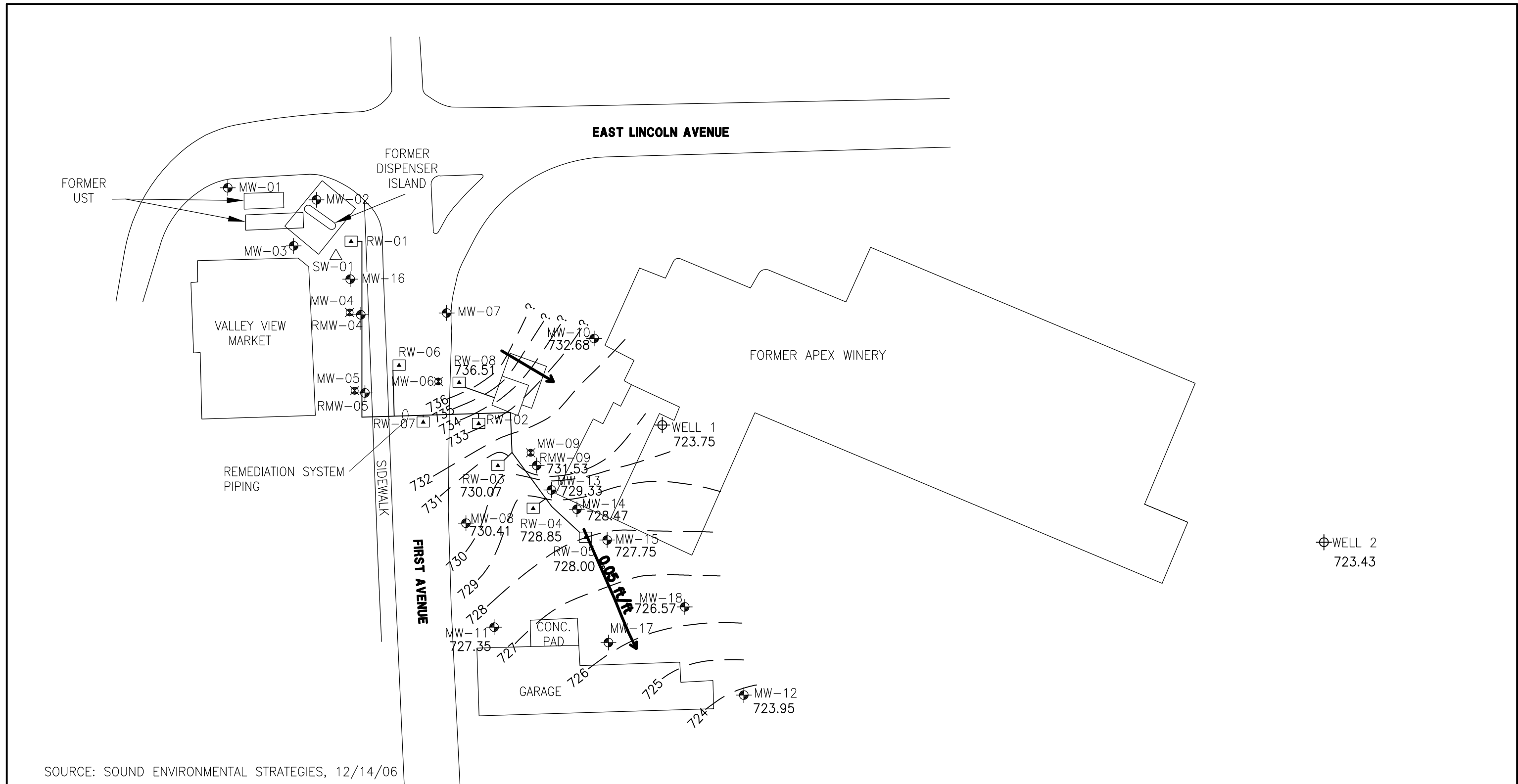
Kennedy/Jenks Consultants

FORMER APEX WINERY
SUNNYSIDE, WA

SITE MAP

KJ 0792027.00

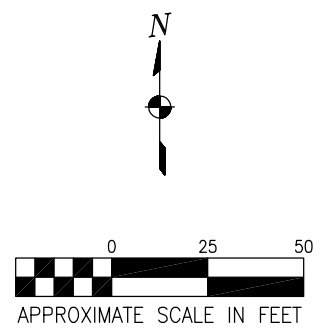
FIGURE 1



SOURCE: SOUND ENVIRONMENTAL STRATEGIES, 12/14/06

LEGEND

- | | | | |
|-------------------|--|---------------------------|---|
| SW-01 \triangle | SPARGE WELL (ABANDONED) | MW-14 \odot | MONITORING WELL WITH GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (MSL) |
| RW-01 \square | RECOVERY WELL (GROUNDWATER AND VAPOR EXTRACTION) | $\text{---} / \text{---}$ | APPROXIMATE GROUNDWATER ELEVATION CONTOUR, FEET ABOVE MSL |
| MW-05 \otimes | ABANDONED MONITORING WELL | $\text{---} / \text{---}$ | GROUNDWATER ELEVATION DIRECTION AND CONTOUR INTERVAL IN FEET PER FOOT |
| WELL 1 \oplus | PRODUCTION WELL | | |
| UST \square | FORMER UNDERGROUND STORAGE TANK | | |



NOTE:
THIS MAP REPRESENTS ONLY THE
FORMER APEX WINERY SITE.

DRAFT

Kennedy/Jenks Consultants

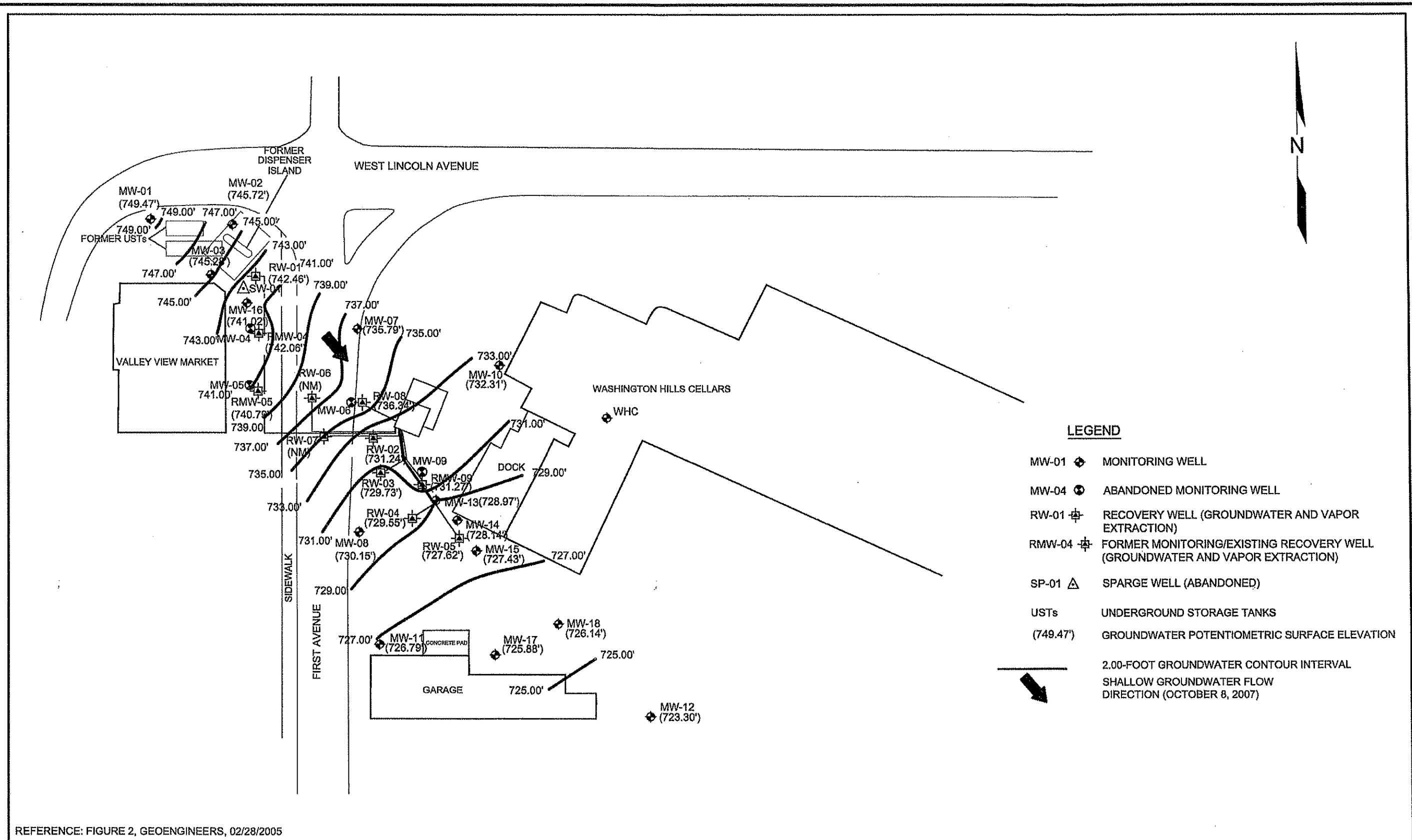
FORMER APEX WINERY
SUNNYSIDE, WA

**GROUNDWATER ELEVATION
CONTOUR MAP
FEBRUARY 2008**

KJ 0792027.00

FIGURE 2

SES CURRENT PROJECTS 04/10/10 Time 10/29/2007 11:05:01 AM C:\Projects\01-068\2007 4Q CM.dwg 10/29/2007



REFERENCE: FIGURE 2, GEOENGINEERS, 02/28/2005



DATE:10/29/2007
 DRAWN BY:.....JQC
 CHECKED BY:.....RKB
 CAD FILE:01-068 2007 4Q CM

PROJECT NAME:TOC HOLDINGS CO. FACILITY NO. 01-068
 SES PROJECT NUMBER:0440-016-03
 STREET ADDRESS:.....107 WEST LINCOLN AVENUE
 CITY, STATE:.....SUNNYSIDE, WASHINGTON

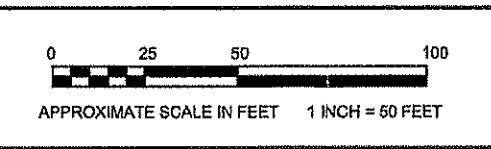
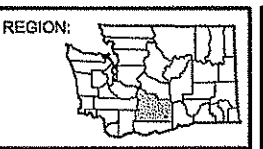


FIGURE 2
 POTENTIOMETRIC SURFACE MAP
 (OCTOBER 8, 2007)

Kennedy/Jenks Consultants

Engineers & Scientists

200 S.W. Market Street, Suite 500
Portland, Oregon 97201
503-295-4911
FAX: 503-295-4901

29 August 2008

Tom Lindley
Perkins Coie LLP
1120 NW Couch Street
Tenth Floor
Portland, OR 97209-4128

Mark Browning
Federal Agriculture Mortgage Corporation
1517 North Ankeny Blvd, Suite E
Ankeny, Iowa 50021

Subject: Revised Aquifer Evaluation for Production Well Use
Former Apex Winery, Sunnyside, Washington
K/J 0792027.10

Dear Messrs Lindley and Browning:

Kennedy/Jenks conducted aquifer testing and other evaluations of the production water wells at the former Apex Winery (Site) to address the concern about operation of the deeper production wells potentially exacerbating the perchloroethylene (PCE) in shallow groundwater and contamination associated with the adjacent Time Oil Cleanup site. Based on our review of well logs, video well surveys, and aquifer pumping test results, we believe that the production wells can be used at rates of up to 20 gallons per minute and 5,000 gallons per day, without influencing the contaminated shallow groundwater at the Site. However, as a precaution, we recommend using production well # 2 for the winery water supply, because it is farther away from the area of known shallow groundwater contamination. We also recommend periodic testing of the production well water for volatile organic compounds (VOCs) to verify that contamination is not migrating to the production well.

This report presents the results of our limited aquifer test and summarizes other site activities conducted at the former Apex Winery located at 111 East Lincoln Avenue in Sunnyside, Washington. The pumping test was conducted on water supply well number 2 (Well 2) located on the eastern side of the Site on 14 through 17 April 2008. Other Site activities summarized in this letter include reviewing well boring logs and regional geology, cleaning Well 2 and down-hole videotaping of both of the production wells. A Site map is provided as Figure 1 that shows the locations of the production wells, groundwater monitoring/remediation wells, and other Site features.

Tom Lindley, Perkins Coie LLP
Mark Browning, Federal Agriculture Mortgage Corporation
29 August 2008
Page 2

The primary goal of the aquifer test was to assess if there is a hydraulic connection between the shallow and deeper water-bearing zones under expected pumping conditions. Understanding hydraulic connection between the two water-bearing zones is important because of the known presence of VOCs at the subject property that have been detected in the shallow water-bearing zone. Understanding hydraulic connection and groundwater movement at the subject property is important to determine whether the two existing water supply wells at the subject property can be used in the future without contributing to VOC movement in the shallow water-bearing zone.

BACKGROUND

The Site occupies an area of approximately 4.67 acres and includes a wine production facility with a tasting room, vacant land, and outbuildings including a garage. The current occupant of the property is Cream Wine of Yakima. The property structures have occupied the Site since about 1947. The site was apparently a dairy processing facility prior to use as a winery. Residences, a former gas station and mini-mart, a laundromat, and storage facilities occupy the adjacent properties.

GEOLOGY OF THE PROJECT AREA

Based on well logs of the groundwater monitoring/remediation wells located on site (obtained from the Washington Department of Ecology ([Ecology]), the lithology within the upper 43 feet below ground surface (bgs) consists of sand and silt to the total depth of the monitoring and remediation wells.

Perkins Coie, LLP provided logs of the production wells (see Attachment A). In Well 1, clay and sandy clay is present from 20 feet bgs to 77 feet bgs with a 3-foot thick layer of silty sand from 65 to 68 feet bgs. Water bearing cemented gravel is present from 77 to 92 underlain by alternating layers of clay and shale to a depth of 235 feet. Gravel, sand, and clay layers are noted on the Well 1 log from 235 to the total depth of 460 feet bgs.

The lithology of the Well 2 (based on the log) consists of clay from 5 to 60 feet, gravel from 60 to 63 feet, clay from 63 to 65 feet and water bearing cemented gravel from 65 to 82 feet. The cemented gravel is underlain by alternating layers of clay, shale, and some sand and gravel to a depth of 233 feet. A sand/gravel zone is present from 233 to 292 underlain by clay and shale to the total depth of the well of 390 feet.

RELATED ACTIVITIES

Other site activities conducted in connection with the aquifer evaluation include conducting a video survey and cleaning each production well.

Video Survey

Based on video surveys of the production wells conducted in December 2007 and January 2008 by Water Well Developing and Surveys of Umatilla, Washington, the top of the perforated

Tom Lindley, Perkins Coie LLP
Mark Browning, Federal Agriculture Mortgage Corporation
29 August 2008
Page 3

screen is approximately 68 feet below ground surface (bgs) in Well 1 and approximately 72 feet bgs in Well 2. The perforated casing extends to 200 feet bgs in Well 1 with blank casing below this depth to approximately 290 feet bgs where the top of piping and/or a pump remains in the well. The upper screened section of Well 2 extends to a depth of 220 feet bgs with additional screened section from 239 to 340 and 370 to 420 feet bgs. Figure 2 shows the screened interval of each of the production wells. Attachment C includes the January 2008 video of each well on DVD.

Well Cleaning

On 26 December 2007 through 7 January 2008, the steel casing of each of the production wells was scrubbed using a downhole wire bush apparatus and a steel suction bailer (for solids removal). The purpose of this work was to remove iron and manganese deposits on the casing wall to reveal the screened intervals and to accommodate the evaluation of the condition of each well by subsequent video survey. The well cleaning was conducted by Carpenter Drilling, Inc. of Benton City, Washington.

AQUIFER TEST EVALUATION

This section presents a summary and conclusion of the evaluation of the results of the aquifer test conducted at the Site. Details of the aquifer test are presented in Attachment B.

To evaluate the potential for hydraulic connection between the shallow and deep aquifers, a 48-hour constant-rate aquifer test was conducted at the site from April 15 through April 17, 2008. Well 2 was pumped at approximately 20 gallons per minute (gpm) throughout the duration of the test. The pumping rate selected (20 gpm) for the aquifer test is approximately 200 percent of the highest anticipated production pumping rate. This rate was calculated based on the 5,000-gallon per day water right exemption threshold, and assuming that the 5,000 gallons may be pumped over an 8 hour period:

Pressure transducers/dataloggers were installed in MW-12, MW-15, Well 1, and Well 2 (pumping well) to record high-frequency (1 per minute) measurements of groundwater levels. Manual water level measurements using an electronic tape were made periodically in all of the monitoring wells and the pumping well to back up the data obtained using the dataloggers.

Approximately 58,000 gallons of water were pumped during the pumping test. The pumped water was discharged to the Port of Sunnyside (Port) industrial wastewater treatment system with permission from the Port.

Aquifer Evaluation Conclusion

Based on the evaluation of the aquifer test, we conclude that hydraulic connection between the shallow and deep water bearing zones is not likely when Well 2 is pumped at a rate of approximately 20 gpm. Therefore, Well 2 can be used at the expected pumping rate of up to 20 gpm without contributing to movement of VOCs in the shallow water bearing zone. This conclusion is based on several lines of evidence including:

Tom Lindley, Perkins Coie LLP
Mark Browning, Federal Agriculture Mortgage Corporation
29 August 2008
Page 4

- The presence of silt and clay to a depth of 60 to 77 feet bgs indicated in the drilling logs of Well 1 and Well 2 and the presence of silt in the groundwater monitoring/remediation wells
- The top of the screen in both production wells is within or below the upper fine grained soils.
- The hydrographs for the groundwater monitoring/remediation wells did not show response to pumping.
- The analysis of the aquifer test data indicate the deep water bearing zone is highly-confined.

Recommendations

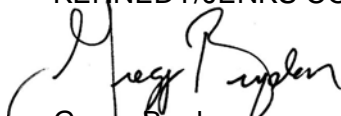
Kennedy/Jenks recommends using the production well #2 for the winery water supply production because this well is farther away from the know area of shallow groundwater contamination. We also recommend that this well be periodically tested for the presence of VOCs, either as part of Time Oil's quarterly sampling program, or at least semi-annually by the winery operators.

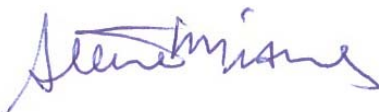
Using well #2 for water production will require installation of water and power lines, most likely buried in a utility trench running from the winery to the well. While the former Apex Winery site has not been fully characterized, we do not expect that excavating such a utility trench (up to 5-foot deep) would have any impact on groundwater conditions at the Site.

Please call us at (503) 295-4911 if you have questions or comments regarding this letter report.

Very truly yours,

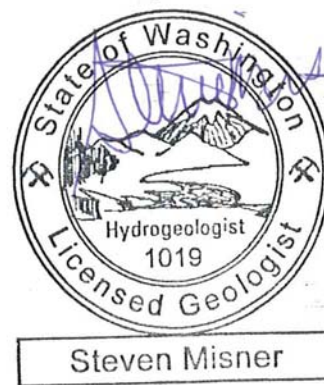
KENNEDY/JENKS CONSULTANTS


Gregg Bryden
Project Manager

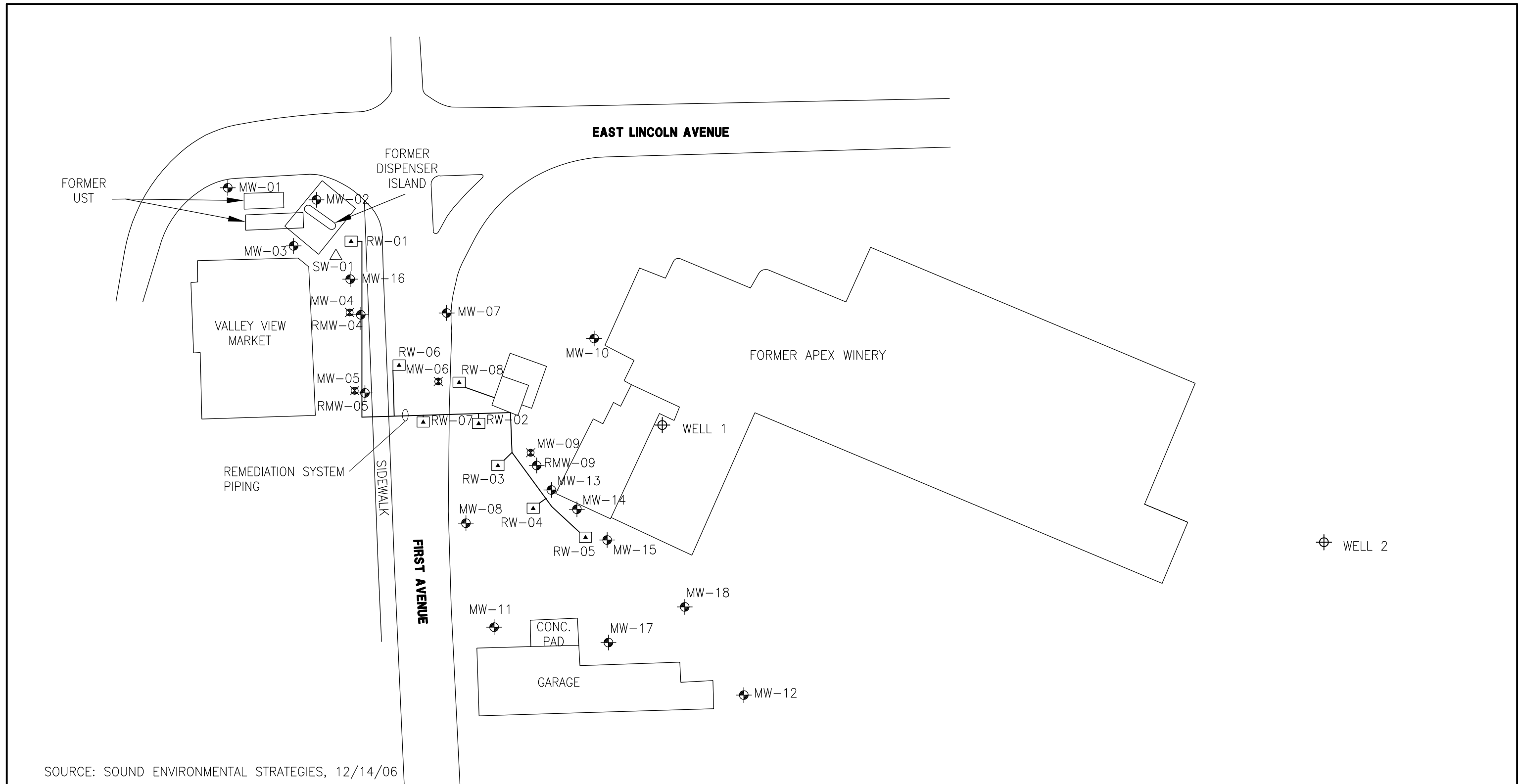

Steven Misner
Senior Registered Geologist

Enclosure

cc: Mark Browning, Perkins Coie LLP



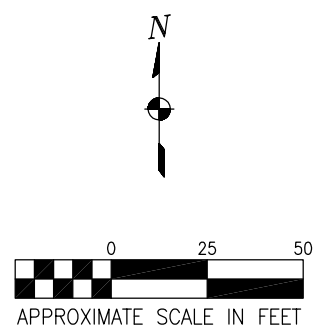
Figures



SOURCE: SOUND ENVIRONMENTAL STRATEGIES, 12/14/06

LEGEND

- SW-01 SPARGE WELL (ABANDONED)
- RW-01 RECOVERY WELL (GROUNDWATER AND VAPOR EXTRACTION)
- MW-14 MONITORING WELL
- MW-05 ABANDONED MONITORING WELL
- WELL 1 PRODUCTION WELL
- UST FORMER UNDERGROUND STORAGE TANK



Kennedy/Jenks Consultants

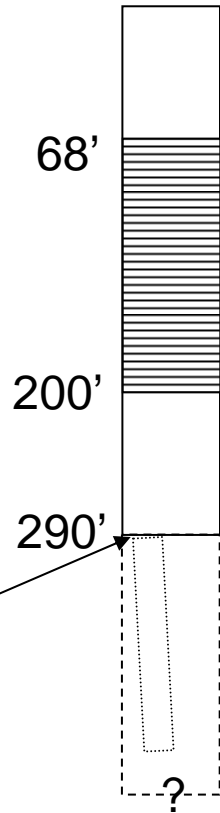
FORMER APEX WINERY
SUNNYSIDE, WA

SITE MAP

KJ 0792027.00

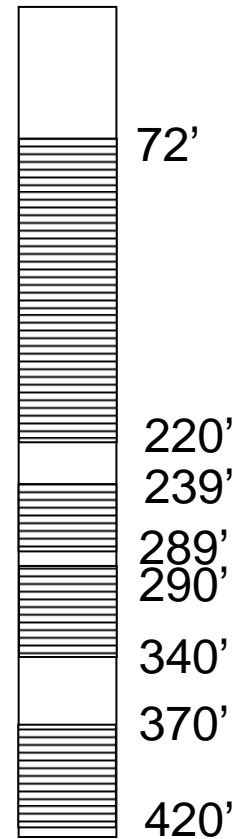
FIGURE 1

Well 1



Top of pipe at 290' remains in well. Total depth of well is unknown.

Well 2



Kennedy/Jenks Consultants

Former Apex Winery,
Sunnyside, WA

Production Well Schematic

K/J 0792027.10

Figure 2

Attachment A

Logs of Production Wells

ANDERSON ENGINEERING

VERNON L. ANDERSON, P. E.
CONSULTING ENGINEER

Telephone (509) 837-4454

P.O. Box 89, 607 Lookout Drive
Sunnyside, Washington 98944

August 26, 1986

To: Commissioners, Port of Sunnyside

From: Vernon L. Anderson, P.E.

Subject: Wells at Carnation Plant Site

Per your instructions, I have discussed the wells at the Carnation plant site with Mr. Cal Bowersox, Public Works Director, City of Sunnyside, to determine the City's interest in the utilization and/or purchase of one or more of the wells for City use.

Mr. Bowersox stated that the City would be interested in the well located east of the plant but would not be interested in the well located inside the building. The City's interest is contingent on the quantity and quality of the water which the well can produce being acceptable. Mr. Bowersox would like to see the results of test pumping of the well and a complete chemical and bacteriological analysis before making a final determination as to the feasibility of adding the well to the City system.

The east well (MM No. 2) is 488 feet deep. It was drilled 0 to 128 feet at 12-inch diameter, 128 to 308 feet at 10-inch diameter, and 308 to 488 feet at 8-inch diameter. It is cased with 128 feet of 12-inch casing, 190 feet of 10-inch casing, and 185 feet of 8-inch casing. Bottom of casing is at 473 feet below ground surface level and is in solid basalt.

The east well (MM No. 2) is equipped with a 30-hp. electric pump which is reported to pump about 750 gallons per minute. The discharge is probably closer to 500 gpm when pumping against the head necessary to place water into the elevated reservoir at the plant.

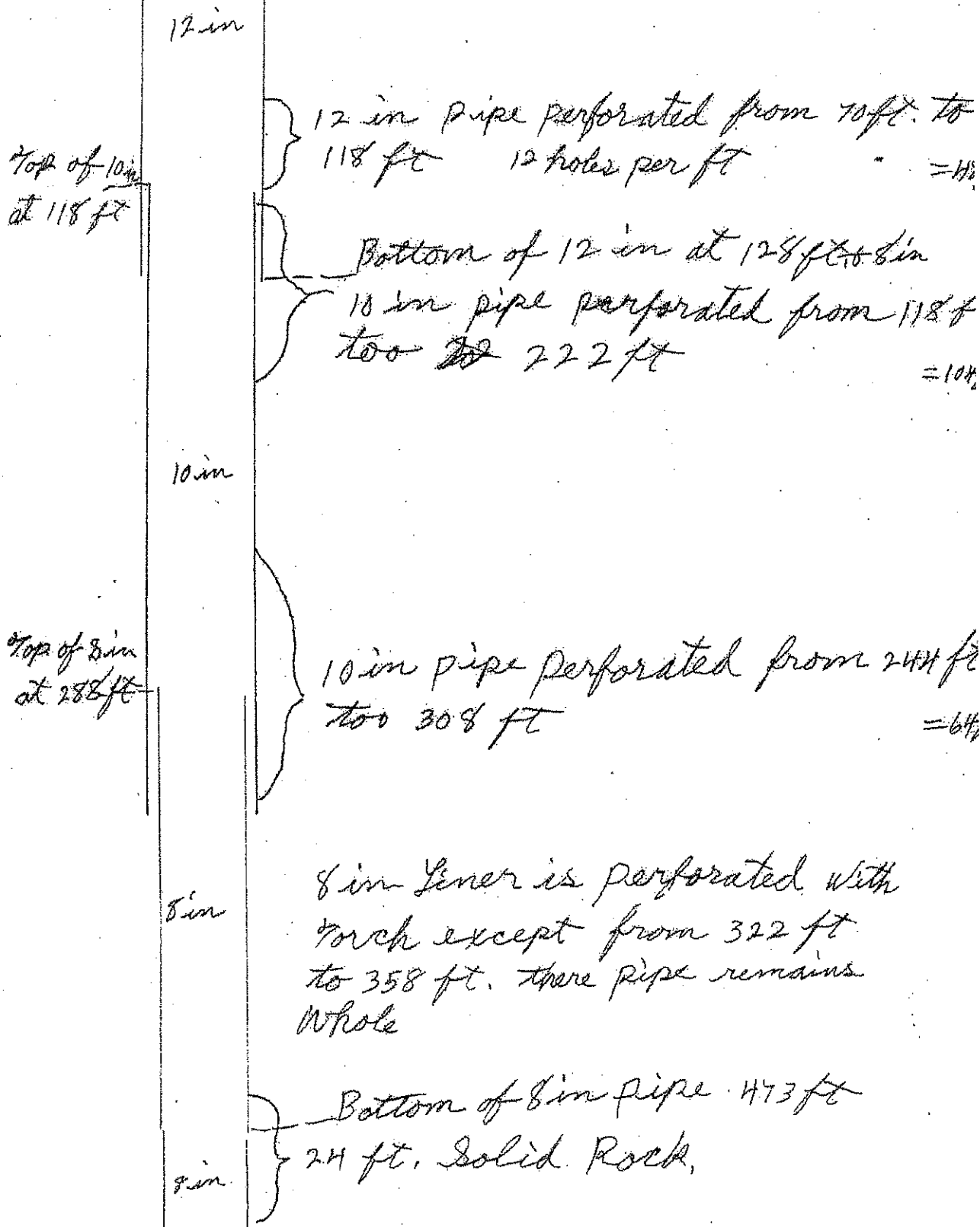
Based on today's prices, it would cost approximately \$24,000 to duplicate the well and about \$10,000 for the pump that is currently installed.

It is my recommendation that the east well (MM No.2) be test pumped and that a complete chemical and bacteriological analysis be obtained at an early date.

Vernon L. Anderson, P.E.

cc: Stephen Winfree
Dave Hart

M. M. Co. Well No 2
Perforating Log.



M M CO.
LOGE OF WELL NO. 2

| FROM | | TO | EACH STRATA |
|-------|---------------|-----------------------|-------------|
| 0 ft. | Soil | 5 ft | 5 ft |
| 5 | Clay | 60 | 55 |
| 60 | Muddy gravel | 63 | 3 |
| 63 | Clay | 65 | 2 |
| 65 | Cement gravel | 82 water @ 70' | 17 |
| 82 | Clay | 85 | 3 |
| 85 | Cement gravel | 100 | 15 |
| 100 | Hard Clay | 107 | 7 |
| 107 | Shale | 114 | 7 |
| 114 | Cement gravel | 116 | 2 |
| 116 | Clay | 120 | 4 |
| 120 | Gravel & Clay | 124 | 4 |
| 124 | Bolders | 130 | 6 |
| 130 | Clay | 132 | 2 |
| 132 | Cement gravel | 136 | 4 |
| 136 | Clay & Shale | 210 | 74 |
| 210 | Cement gravel | 222 | 12 |
| 222 | Clay | 229 | 7 |
| 229 | Muddy sand | 230 | 1 |
| 230 | Tite clay | 233 | 3 |
| 233 | Gravel | 282 water | 49 |
| 282 | Sand & gravel | 292 water | 10 |
| 292 | Clay & gravel | 310 | 18 |
| 310 | Clay | 340 | 30 |
| 340 | Silty Shale | 350 not perforated | 10 |
| 350 | Clay & Shale | 390 | 40 |
| | | | 390 ft |

M M Co. Log of Well No 2

| From | | To | | Each Strata |
|------|----------------|------|----------------|---------------|
| 0 ft | soil | 5 ft | | 5.0 |
| 5 | Clay | 60 | | 55 |
| 60 | Muddy gravel | 63 | | 3 |
| 63 | Clay | 65 | | 2 |
| 65 | Cement gravel. | 82 | Water at 70 ft | 17 |
| 82 | Clay | 85 | | 3 |
| 85 | Cement gravel. | 100 | | 15 |
| 100 | Hard Clay. | 107 | | 7 |
| 107 | shale | 114 | | 7 |
| 114 | Cement gravel. | 116 | | 2 |
| 116 | Clay | 120 | | 4 |
| 120 | gravel + Clay. | 124 | | 4 |
| 124 | Boulders. | 130 | | 6 |
| 130 | Clay | 132 | | 2 |
| 132 | Cement gravel. | 136 | | 4 |
| 136 | Clay + shale | 210 | | 74 |
| 210 | Cement gravel | 222 | | 12 |
| 222 | Clay | 229 | | 7 |
| 229 | Muddy sand | 230 | | 1 |
| 230 | Lite Clay. | 233 | | 3 |
| 233 | gravel | 287 | Water | 49 |
| 287 | sand + gravel. | 292 | Water | 10 |
| 292 | clay + gravel. | 310 | | 18 |
| 310 | Clay | 340 | | 30 |
| 340 | Silty shale | 350 | not perforated | 10 |
| 350 | Clay + shale | 390 | | 40 |
| | | | | <u>390 ft</u> |



WATER TREATMENT PROGRAM

$$\frac{132}{17.5} = 7.5 \text{ grains}$$

Carnation Company
Sunnyside, WA

Alternate Program

PREPARED BY: Sophia Yeh, Engineering Service

DATE: 6/17/80

| WATER ANALYSIS | | | |
|----------------|-----------------------------|-----------|-------------------------|
| Sample Marked | pH..... | 7.99..... | T. Hard. (ppm)..... |
| Raw Water | P. Alk. (ppm)..... | 0..... | Ca Hard. (ppm)..... |
| | T. Alk. (ppm)..... | 158..... | Mg Hard. (ppm)..... |
| | Cl (ppm)..... | 8..... | Sp. Cond. (μ mhos)..... |
| Number | SO ₄ (ppm)..... | 14.8..... | TDS (ppm)..... |
| 1117-1 | SiO ₂ (ppm)..... | 61.5..... | |

| | |
|----------------|------------------------|
| Steam Boiler : | RECOMMENDATIONS |
|----------------|------------------------|

| Chemical Treatment — Dosages* | Control Tests — Residuals |
|--|--|
| G. C. Formula 83 0.83 lb. | Total Alkalinity 500-1000 ppm |
| G. C. Adjunct C 0.23 lb. | Min. Hydrate Alkalinity 300 ppm |
| G. C. Formula 202KC 1.67 lb. | Phosphate 40-60 ppm |
| G. C. Formula 47 0.44 lb. | Min. Sulfite 30 ppm |
| G. C. Formula 271 0.21 lb. | Condensate pH 7.2-7.6 |
| | Corr. Spec. Cond. (TDS) 1500-2000 umho |

$$37.5 \times 4 = 148$$

*Per 1,000 gallons makeup water.

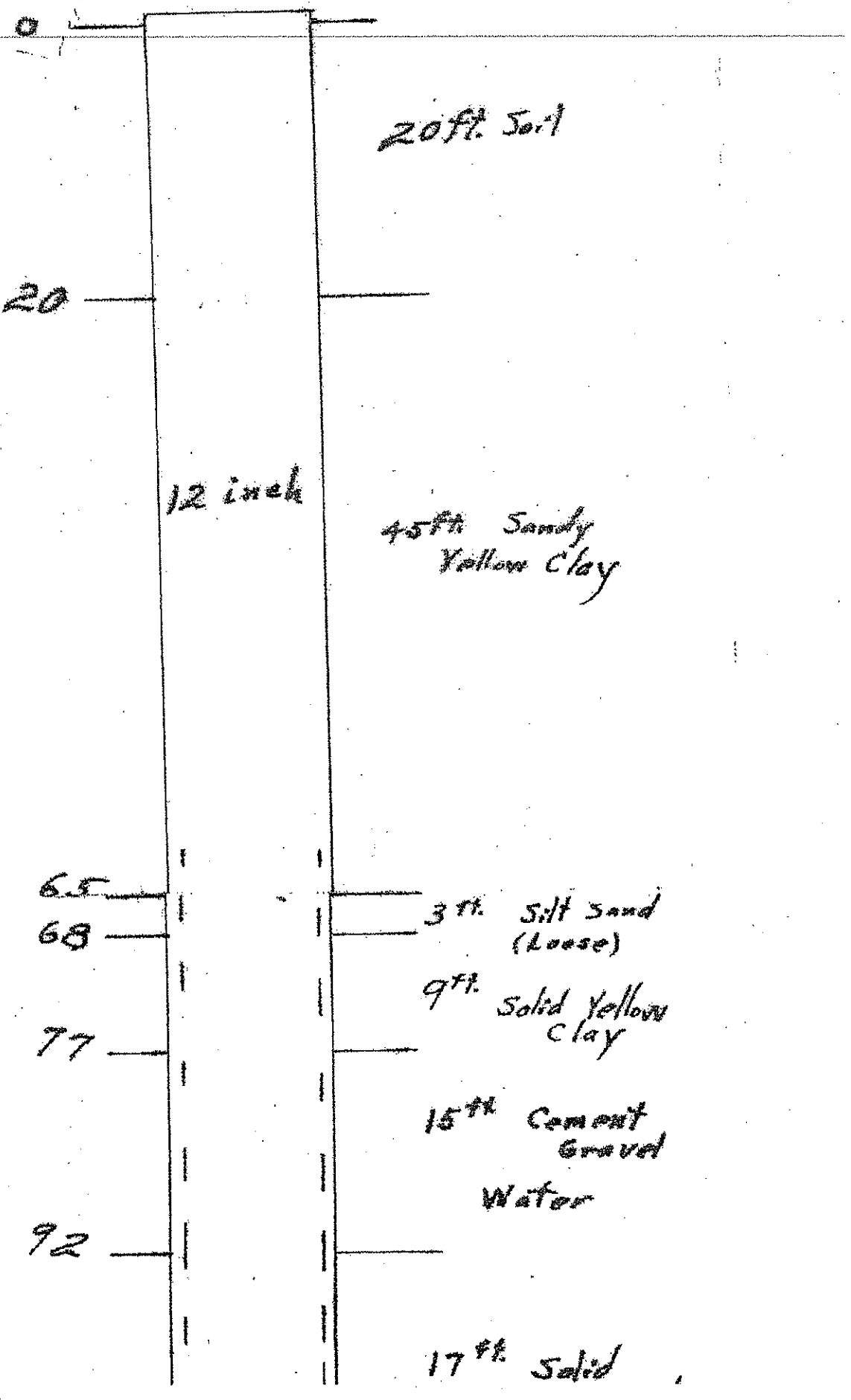
For best results, use a good quality...
When used as described in testing... (unreadable)

| | |
|--------------------|------------------|
| Feeding Procedures | Blowdown Control |
|--------------------|------------------|

Same.

Maximum 4 cycles of concentration to hold silica.

1 inch



20 ft. Soil

20

12 inch

45 ft. Sandy
Yellow Clay

65

68

3 ft. Silt sand
(Loose)

9 ft. Solid yellow
Clay

77

15 ft. Cement
Gravel

Water

92

17 ft. Solid

Yellow Clay

109

111

2^{ft} sand & Water

10 inch To be cut
Near this point →

End of 12 inch
Wall Casing

124^{ft} of
Alternating
strata of
Clay and
Yellow shale
About 5^{ft} each.

10 inch

235

236

240

252

252

265

269

275

280

288

292

308

1st Muddy Sand (Bad)

4^{ft} Cement Gravel

12^{ft.} Yellow Clay

13^{ft} Cement Gravel
(Water)

4^{ft} Muddy Sand
(Bad)

6^{ft} Cement Gravel

5^{ft} Loose Sand (Water)
and Gravel

8^{ft} Cement Gravel

4^{ft} Hard Cement Gravel

16^{ft} Sand & Gravel
Water "

End of 10 in., p 314

2.2^{ft} yellow clay
TK

350

10^{ft} Blue clay

360

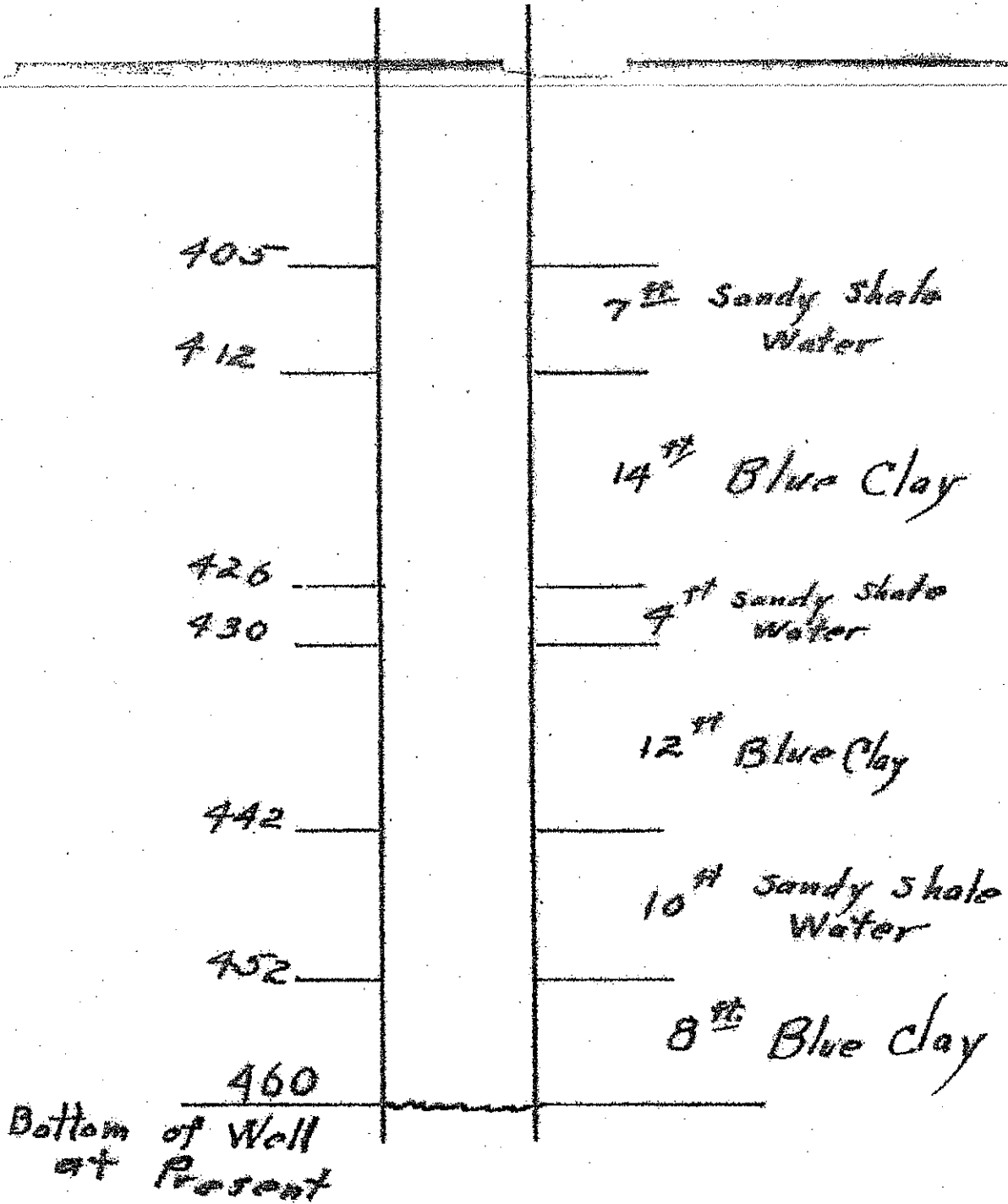
~~55~~^{ft} Brown clay
45

405

7^{ft} Sandy shale
Water

412

14^{ft} Blue Clay



Log of Morning Milk Co.
No. 1 Well To Date
September 14, 1941

Drawn by
G.S. Olsen
Scale 1" = 10 ft.

Appendix B

Aquifer Test Evaluation

Attachment B

Aquifer Test Evaluation Former APEX Winery, Sunnyside, Washington

To evaluate the potential for hydraulic connection between the shallow and deep aquifers, a 48-hour constant-rate aquifer pumping test was conducted at the site from 15 April through 17 April 2008. Well 2 was pumped at approximately 20 gallons per minute (gpm) throughout the duration of the test. The pumping rate selected (20 gpm) for the aquifer test is approximately 200 percent of the highest anticipated production pumping rate. This rate was calculated based on the 5,000-gallon per day water right exemption threshold, and assuming that the 5,000 gallons may be pumped over an 8 hour period:

The focus of the aquifer test was to evaluate potential evidence of discernible drawdown in the shallow aquifer observation wells resulting from pumping in the deep aquifer at Well 2. Additionally, aquifer parameters were derived using data obtained from the test; the values of certain of these parameters can be used to determine if an aquifer is largely unconfined or confined, and thus the potential for groundwater to travel vertically from that aquifer to another aquifer.

Groundwater Level Observations

Water level measurements in all of the wells were made starting on 14 April 2008, approximately one day before beginning the constant-rate test, to evaluate the possible existence of water level changes under non-pumping conditions. Prior to beginning an aquifer test, it is important to know if groundwater levels are relatively stable, inclining, or declining with time. Failure to recognize antecedent water-level trends can result in erroneously attributing an observed pattern to the effects of pumping during an aquifer test, when in fact the trend might be pre-existing and due to an entirely unrelated cause such as a natural seasonal fluctuation or regional groundwater pumping.

Measurements of groundwater levels in the pumping well and all observation wells, including pre- and post-test readings, are depicted on Figure B-1. Each depth-to-groundwater measurement was expressed as an elevation relative to mean sea level to facilitate comparisons with other wells. As indicated on Figure 1, in general, the groundwater elevations for each of the shallow aquifer wells vary in a pattern consistent with the historic groundwater flow direction and gradient for the site. That is, the relatively highest groundwater levels in MW-10 and lowest levels in MW-12 reflect the northwest to southeast shallow groundwater flow direction historically observed at the site. Likewise, differences in static head values measured in the shallow monitoring wells are consistent with the relatively large and localized groundwater gradient resulting from the topography in the vicinity of the Site.

Pre-test measurements indicated downward-trending groundwater levels in all of the wells. In the four shallow observation wells, the pre-test trend averaged approximately -0.04 ft/day. The pre-test trend for both of the deep production wells was -0.10 ft/day.

Figure B-2 shows a detailed view of the hydrographs for both MW-10 and MW-13 (note that the groundwater elevations for each of the two monitoring wells are plotted on

separate Y-axes to allow data from both wells to be included on the same hydrograph). During the aquifer test, there was no apparent response to pumping in either MW-10 or MW-13. Water-level fluctuations in both wells were both upward and downward throughout the test and varied by no more than 0.02 foot. Such minute differences can easily be attributable to the accuracy limitations inherent with using an electronic water-level measuring tape. Additionally, the water-level trends observed in these two wells during the first half of the aquifer test is consistent with the pre-test trend observed in the shallow aquifer prior to the test.

Figures B-3 and B-4 show enlarged views of the hydrographs for MW-12 and MW-15, respectively. The transducers installed in both of these monitoring wells were un-vented. Consequently, the raw data, or absolute pressure readings, recorded by the transducers were corrected for the effects of barometric pressure fluctuations. Both uncorrected and corrected data for wells MW-12 and MW-15, as well as barometric pressure data expressed in equivalent units (feet of water), are included in Figures B-3 and B-4. The data illustrate that there was a very good correlation between fluctuations in barometric pressure and the raw or uncorrected transducer data; regression analyses performed for the datasets resulted in R^2 values of 0.9928 and 0.9949 for MW-12 and MW-15, respectively.

As indicated on Figures B-3 and B-4, the corrected transducer data for both MW-12 and MW-15 does not match consistently with manual water level measurements obtained during the aquifer test. This inconsistency is likely due to several factors, including : 1) the inaccuracies inherent in making barometric pressure calculations, including data interpolation; 2) the accuracy limitations of both the pressure transducers and the barometer; and 3) possible atmospheric damping effects within the shallow aquifer. Consequently, the manual water-level measurements were used for evaluation of the MW-12 and MW-15 hydrographs. As with the other shallow aquifer monitoring wells, in MW-12 and MW-15 data there were no discernible responses to pumping of the deep aquifer.

Aquifer Parameters

Certain aquifer physical parameters derived from aquifer test data can be used to estimate the degree of confinement of an aquifer. Storativity, or storage coefficient, is a commonly-used aquifer parameter that refers to “the volume of water that a permeable unit will absorb or expel from storage from storage per unit surface area per unit change in head.” (Fetter, 1988). Storativity (S) is a dimensionless quantity. Storativity for confined aquifers is typically on the order of 0.005 or less, and for unconfined aquifers ranges from 0.02 to 0.30 (Fetter, 1988).

Because turbulent head losses in pumping wells tend to preclude accurate measurement of actual drawdown in the aquifer, water-level data from the deep observation well (production Well 1) was used for calculation of storativity. Consequently, storativity for the deep aquifer was calculated using drawdown data from Well 1 (note that vented transducers were used to collect water-level data in both Well 1 and Well 2, so barometric corrections were not required for those datasets).

Figure B-5 shows water-level drawdown in Well No. 1 versus elapsed time of pumping. A graphical method for the solution of analytical flow equations was used to derive both transmissivity (T) and storativity (S) values for the deep aquifer (Driscoll, 1995).

Transmissivity is the product of hydraulic conductivity and aquifer thickness, and is defined as “the rate at which water of a prevailing density and viscosity is transmitted through a unit width of an aquifer or confining bed under a unit hydraulic gradient” (Fetter, 1988). A transmissivity value of 28,500 gallons per day per foot (gpd/ft) of aquifer was calculated for the deep aquifer. Using the calculated T resulted in a storativity of 1.9×10^{-4} , a value which suggests that the deep aquifer is highly confined and thus unlikely to be hydraulically connected to the overlying shallow aquifer.

Also, referring to Figure B-5, at an elapsed pumping time of approximately the rate of drawdown in observation Well No. 1 increased somewhat from the previous rate. As there were no observable changes in pumping rate at that time, it is likely that an aquifer boundary was encountered, causing the drawdown increase. Aquifer parameters (T and S) were also calculated using the later-time data (i.e., the steeper drawdown portion of the curve on Figure B-5), but the values did not vary significantly over the values calculated using the earlier portion of the curve.

References

Driscoll, F.G. 1995. Groundwater and Wells, Second Edition. U.S. Filter/Johnson Screens. 1995.

Fetter, C.W. 1988. Applied Hydrogeology, Second Edition. Merrill Publishing Co. 1988.

Figure B-1 - Hydrograph (All Wells)

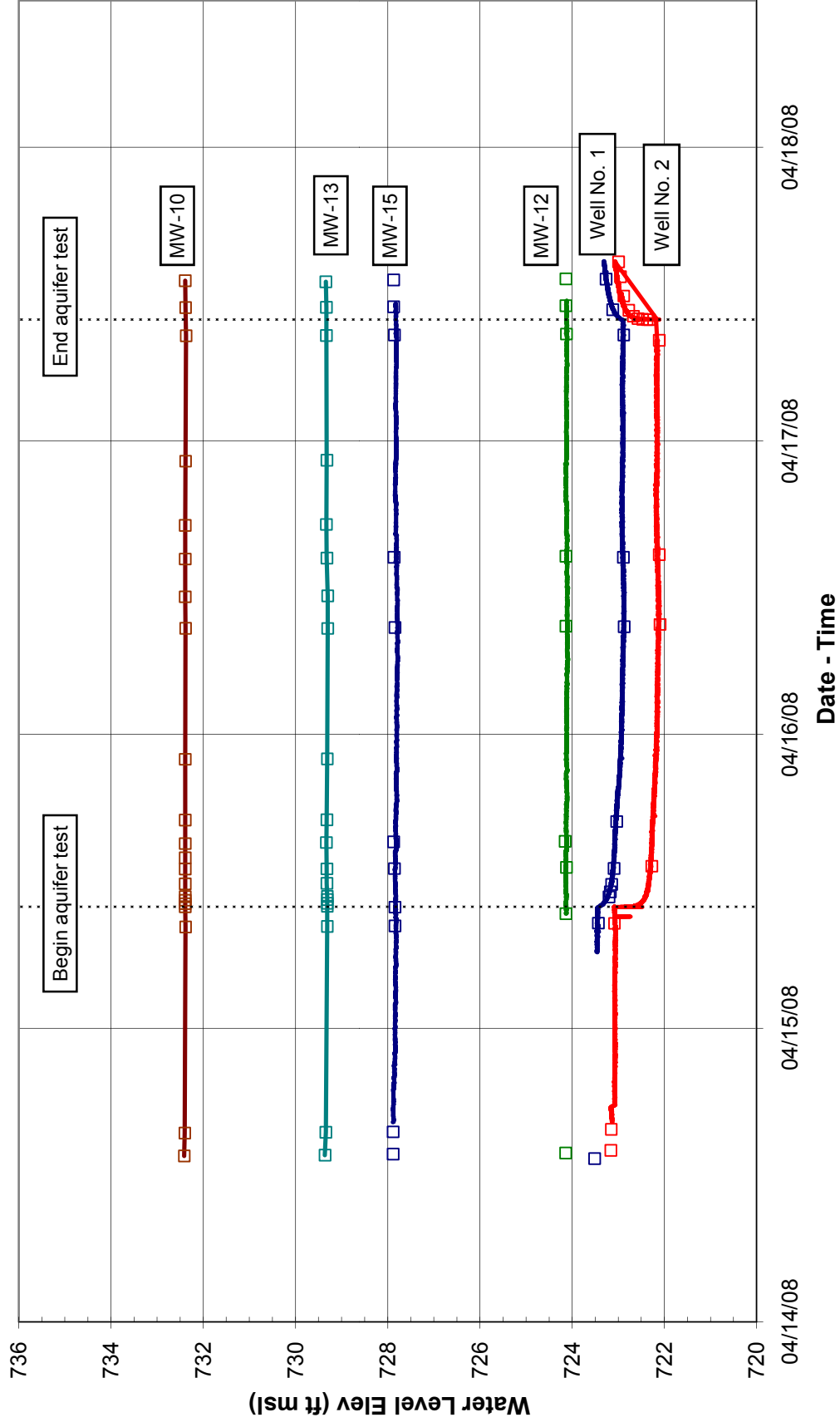


Figure B-2 - Hydrograph : MW-10, MW-13

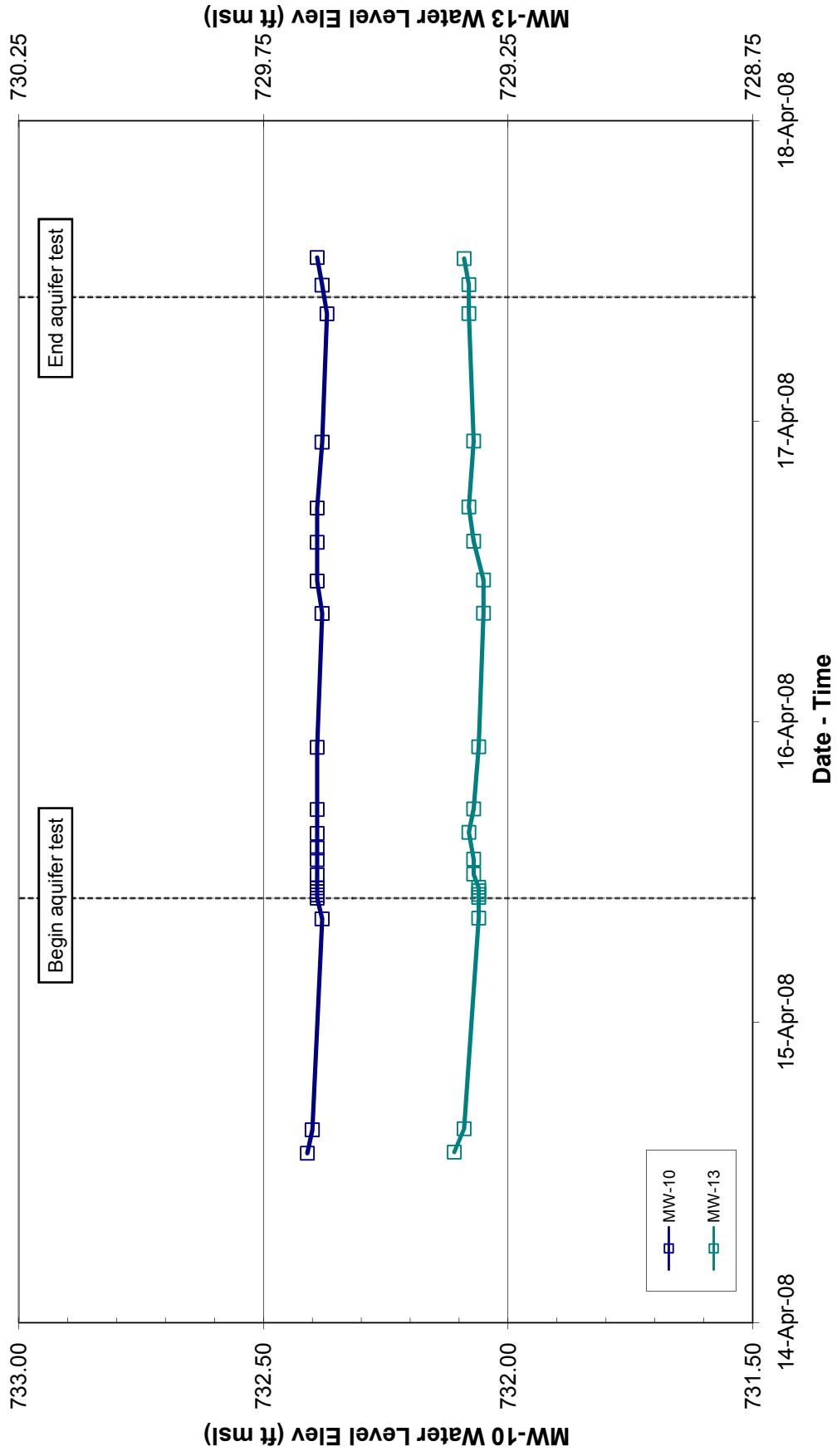


Figure B-3 - Hydrograph : MW-12

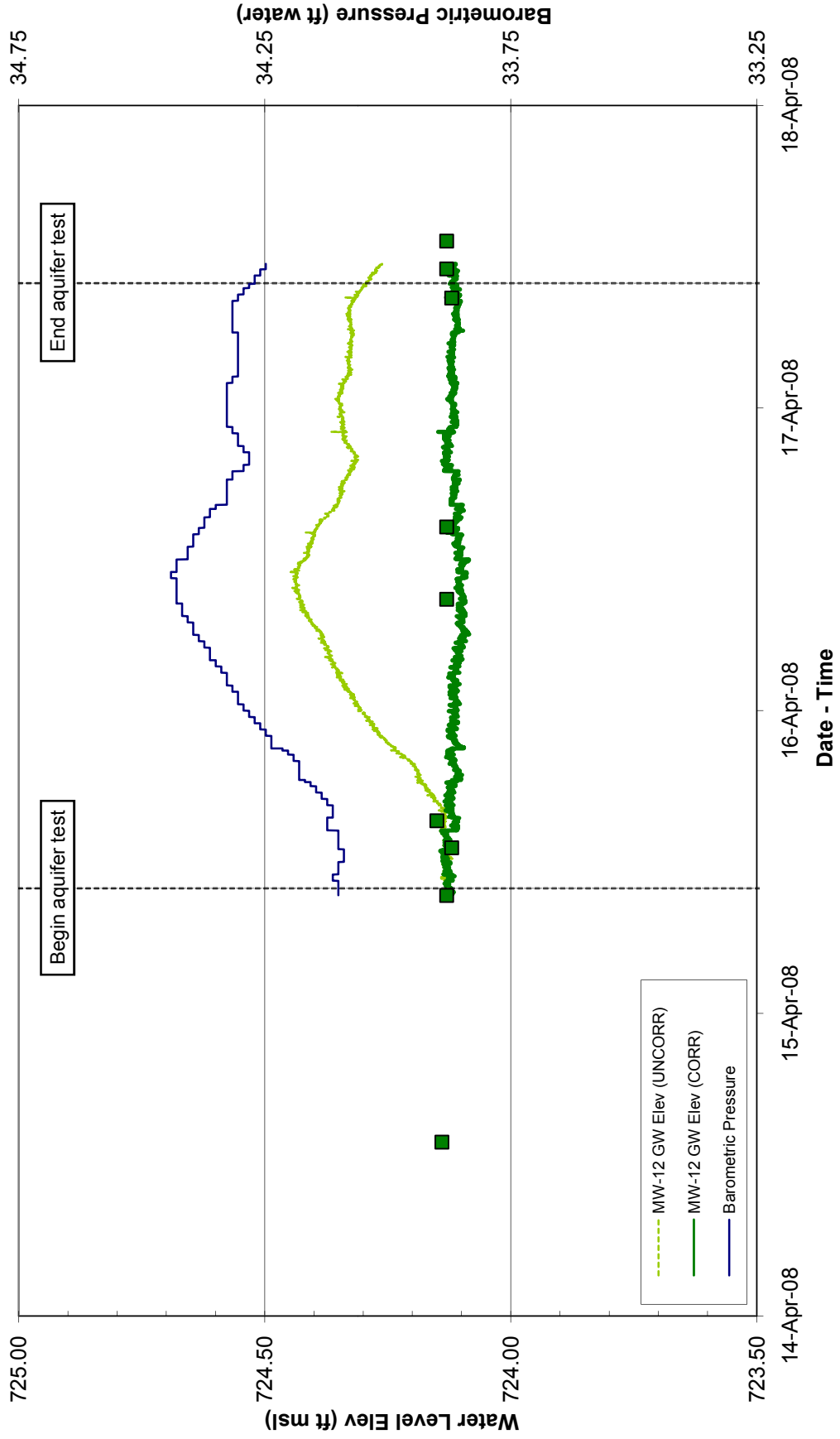


Figure B-4 - Hydrograph : MW-15

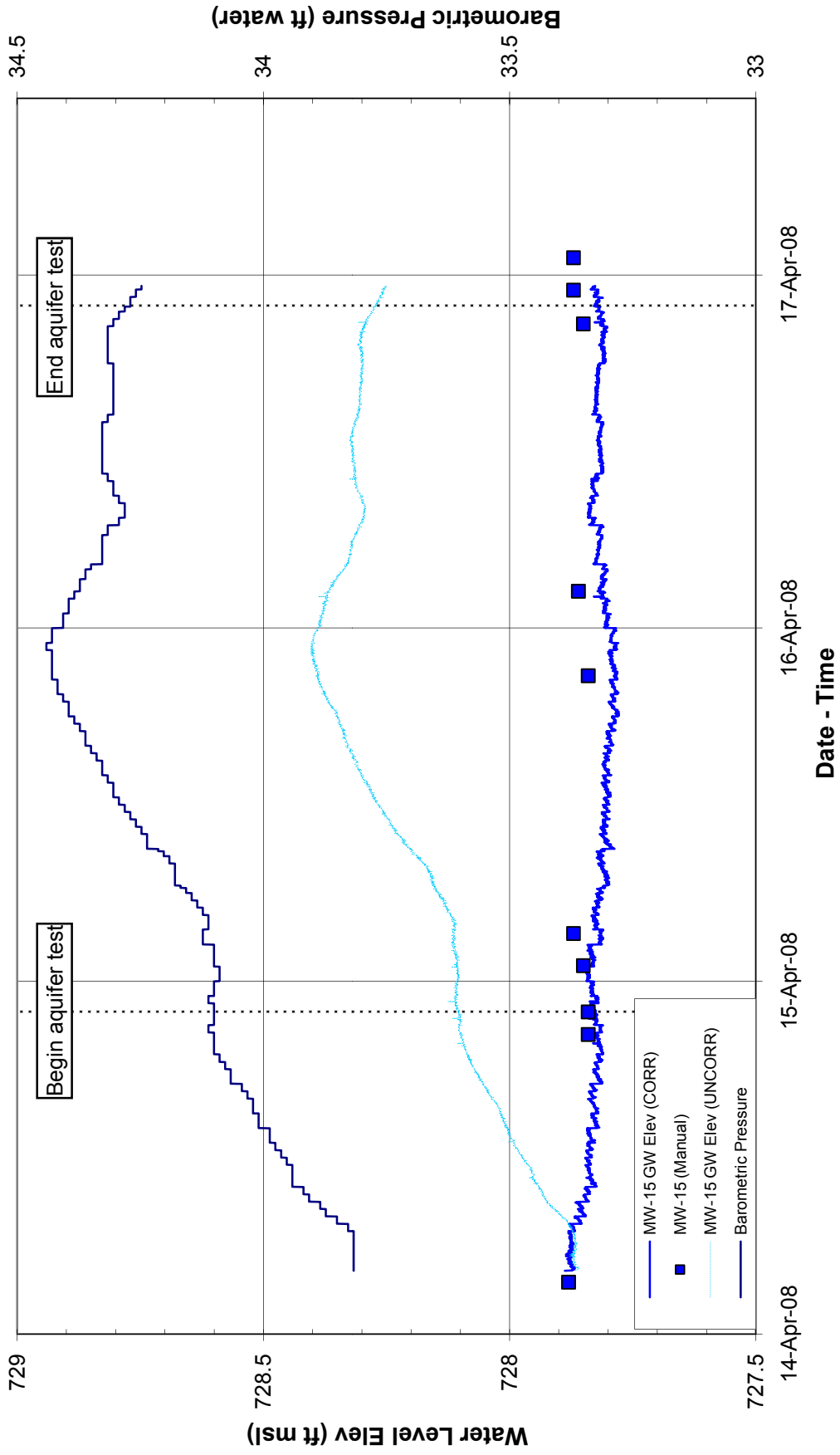
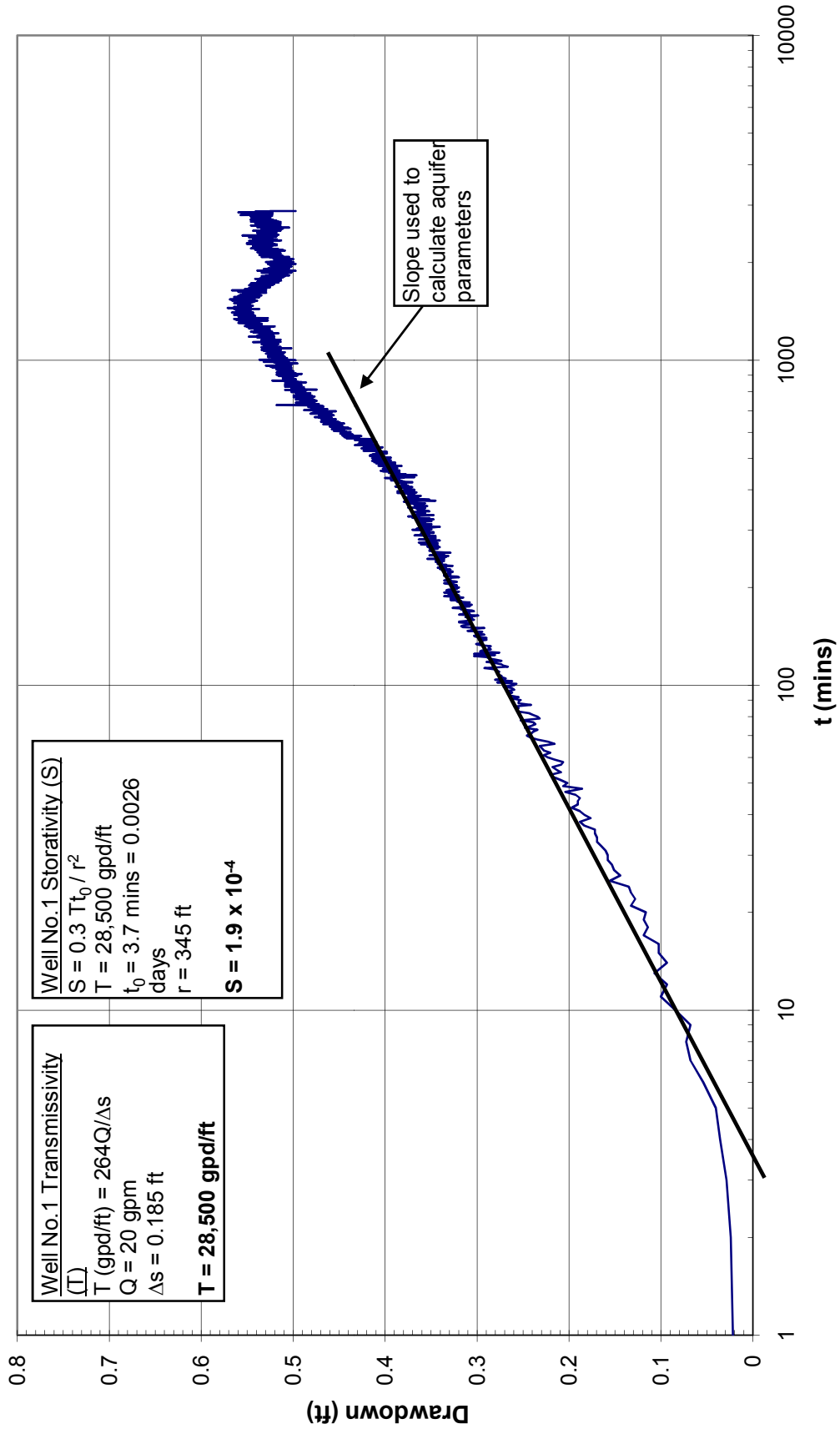


Figure B-5 - Drawdown vs Time - Well No.1



Appendix C

2008 Video of Wells on DVD

Kennedy/Jenks Consultants

Engineers & Scientists

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Portland, Oregon 97201
503-295-4911
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17 June 2010

Ms. Brianne Plath
Site Manager
Toxics Cleanup Program
Washington Department of Ecology
15 West Yakima Avenue, Suite 200
Yakima, WA 98902-3452

Subject: Report Certification
Cream Winery, Sunnyside, Washington
Ecology Facility ID # 46552116
K/J 0792027.40

Dear Ms. Plath:

The attached report titled *Summary of Shallow Soil and Groundwater Investigation, Former Apex Winery Property* and dated 29 October 2008, was originally prepared as an internal report on behalf of our client, The Federal Agricultural Mortgage Company, and therefore, was not stamped by a Washington Registered Geologist at the time the report was prepared. At your request, we are providing this information to Ecology to supplement information about conditions at the Cream Winery site in Sunnyside Washington.

I certify that the attached report and associated field work was prepared or conducted by me or by persons working under my direct supervision.

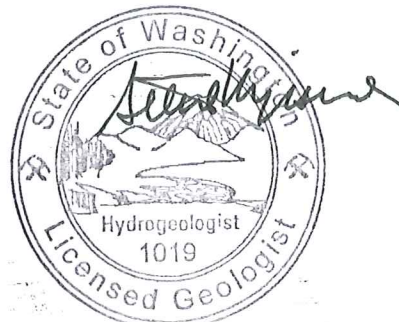
Very truly yours,

KENNEDY/JENKS CONSULTANTS



Steven Misner, LHG
Project Geologist

Enclosure



Steven Misner

Kennedy/Jenks Consultants

Engineers & Scientists

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29 October 2008

Lynne Paretchan
Perkins Coie LLP
1120 NW Couch Street
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Portland, OR 97209-4128

Mark Browning
Federal Agriculture Mortgage Corporation
1517 North Ankeny Blvd, Suite E
Ankeny, Iowa 50021

Subject: **Summary of Shallow Soil and Groundwater Investigation**
Former Apex Winery Property, 111 E. Lincoln Ave., Sunnyside, WA
K/J 0792027.30

Dear Ms. Paretchan and Mr. Browning:

Kennedy/Jenks Consultants (Kennedy/Jenks) is pleased to present this *Summary of Shallow Soil and Groundwater Investigation* for the former Apex Winery property in Sunnyside, Washington (Site). The attached Figure 1 is a Site map showing the investigation locations and Site features.

The purpose of the investigation was to characterize the magnitude and extent of volatile organic compounds (VOCs) in soil and shallow groundwater on the western portion of the Site and to further assess Site lithology. This investigation focuses on the on-site area where tetrachloroethylene (also called perchloroethylene or PCE) and methyl-tert butyl ether (MTBE) have been identified at concentrations above potential cleanup levels in groundwater samples collected as part of the investigation of the adjacent former gas station under the direction of Time Oil. This investigation was conducted in accordance with the work plan developed by Kennedy/Jenks (Kennedy/Jenks 2008) describing the proposed investigation.

Summary of Findings

Based on the results of this investigation:

- No on-site source area for VOCs was identified at the Apex Winery Site, based on the absence of PCE or MTBE in any of the 13 soil samples analyzed in connection with the investigation.

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Mr. Mark Browning
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- PCE was detected at low concentrations, below Model Toxics Cleanup Act (MTCA) Method A cleanup level of 5 micrograms per liter ($\mu\text{g/l}$) in locations that are consistent with the locations where PCE and MTBE have been identified in groundwater samples collected previously by Time Oil consultants.
- PCE was not detected in the groundwater samples collected from borings KJB-1 or KJB-2, which are the nearest sampling locations to production Well 2, indicating that PCE is not present in the shallow groundwater for a distance of at least 250 feet from (cross-gradient) production Well 2.
- The lithology encountered during this investigation and identified in the logs of production Wells 1 and 2, indicate that a laterally continuous confining unit is present beneath the Site at a depth of approximately 25 to at least 60 feet below ground surface (bgs).

These results are consistent with and support our opinion that the PCE and MTBE detected in wells at the Apex Winery Site appear to be the residuals of a release from an off-site upgradient source and have migrated on-site through groundwater flow.

Background

Time Oil's consultant, Sound Environmental Strategies, has reported the results of groundwater monitoring and sampling activities for the adjacent Time Oil property as part of an investigation that began in 1997. These results indicate that some monitoring and remediation wells installed by Time Oil on the Apex Winery Site are impacted with VOCs and petroleum hydrocarbon constituents. These impacted wells are screened in the shallow groundwater zone to depths of approximately 43 feet bgs.

Tetrachloroethylene (PCE)

Historically, up to 71 $\mu\text{g/l}$ of PCE has been detected in groundwater samples collected from Apex Winery Site monitoring wells. The highest concentrations have been detected in the groundwater samples collected from monitoring/remediation wells located between the southwest portion of the former Apex Winery main facility building and the garage building at the southwest corner of the Site. (See Figure 1.)

Methyl-tert Butyl Ether (MTBE)

MTBE has been detected in groundwater samples collected from the Apex Winery Site, with the highest concentration detected in recovery well RW-02 (4,890 $\mu\text{g/l}$). The MTCA Method A cleanup level for MTBE is 20 $\mu\text{g/l}$. MTBE has not been detected in groundwater samples collected from Time Oil property groundwater monitoring wells. However, high MTBE concentrations were detected in vapor samples collected from Time Oil monitoring well MW-3 (located adjacent to the former USTs on the Time Oil property) during vapor extraction testing, indicating that MTBE was present on the Time Oil property (Alisto Engineering 1997).

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Other Contaminants

Other petroleum products associated with the adjacent Time Oil property have been historically detected in monitoring wells on the Apex Winery Site, including gasoline range petroleum hydrocarbons, benzene, toluene, and xylenes. Recent sampling by Sound Environmental Strategies indicate that benzene is present in Apex Winery Site groundwater monitoring wells at concentrations as high as 7.9 µg/l, which is over the 5 µg/l MTCA Method A cleanup level.

Site Lithology

Well logs obtained from Ecology indicate that the lithology of the Time Oil installed wells consists of sand and silt to the total depth of the monitoring and remediation wells. The well log of Apex Winery water production Well 1 shows a confining unit consisting of clay and sandy clay is present from 20 feet to 77 feet bgs, with a 3-foot thick layer of silty sand at 65 to 68 feet bgs. Water-bearing cemented gravel is present from 77 to 92 feet, underlain by alternating layers of clay and shale to a depth of 235 feet. Gravel, sand, and clay layers are noted on the Well 1 log from 235 to the total depth of 460 feet bgs.

The lithology of water production Well 2 (based on its log) consists of clay from 5 to 60 feet, gravel from 60 to 63 feet, clay from 63 to 65 feet and water-bearing cemented gravel from 65 to 82 feet. The cemented gravel is underlain by alternating layers of clay, shale, and some sand and gravel to a depth of 233 feet. A sand/gravel zone is present from 233 to 292 feet, underlain by clay and shale to the total depth of the well of 390 feet.

Investigation Activities

On 24 and 25 September 2008, eight (8) soil borings were advanced, using direct-push drilling equipment, for collection of soil and groundwater samples to characterize the VOCs at the west and southern portion of the Apex Winery Site and to further assess Site lithology. The direct push sampling equipment was operated by Environmental Services Network (ESN), Northwest under subcontract to Kennedy/Jenks. The locations of the borings are presented on Figure 1.

- Borings KJB-1, KJB-2, and KJB-3 were located on the south side of the Site to delineate the extent of VOCs in shallow groundwater between the area where PCE and MTBE are known to be present in the shallow groundwater, based on historical groundwater monitoring results, and production Well 2.
- Borings KJB-4 and KJB-5 were located adjacent to the former garage building to evaluate if the garage area is a potential source of VOCs. No borings were advanced in or downgradient of the garage because of access limitations.
- KJB-6, KJB-7, and KJB-8 were located in the loading dock and former boiler area of the Site to evaluate if this area is a potential source of VOCs.

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Seven of the eight soil borings were advanced to a depth of approximately 25 feet below ground surface (bgs) for collection of soil and shallow groundwater samples (KJB-2 through KJB-8). The other boring, KJB-1, was advanced to a depth of 40 feet bgs to verify the presence of fine grained soil identified in the production well logs. Each boring was continuously cored for lithologic identification. In addition, the soil cores were screened in the field for evidence of VOC-related impacts based on observations including soil color, odor, and using a photo-ionization detector (PID) equipped with a lamp that can detect PCE and MTBE. The soil type observed during the investigation was documented on soil boring logs using the Unified Soil Classification System, as a guideline, by Kennedy/Jenks personnel. Appendix A contains copies of the boring logs.

Soil samples were collected from each boring at depths of seven feet (five feet in boring KJB-2), which are hereafter referred to as the shallow soil samples. Deeper soil samples were also collected at a depth immediately above the saturated zone. The depth of the deeper samples ranged from 17.5 to 21.5 feet bgs. Soil samples were collected by cutting open the acetate sleeves and obtaining the sample at the selected depth using a zero headspace device. The soil sample was then transferred into a 40-milliliter glass container with methanol in accordance with the U.S. Environmental Protection Agency (EPA) Method 5035 sampling methodology. In addition, soil from the selected sampling depth was placed into a clean laboratory-supplied 4-ounce glass jar for dry weight measurement as required by EPA Method 5035. The soil samples were sealed with Teflon-lined lids, labeled, and placed in a chilled ice chest for transport, under chain-of-custody, to the laboratory.

Groundwater samples were obtained by advancing the direct push rod approximately five feet into the saturated zone and exposing a screen. The groundwater samples were collected using a peristaltic pump and new polyethylene tubing. Groundwater samples were placed into laboratory supplied 40-milliliter glass containers preserved with dilute hydrochloric acid and secured with Teflon-lined caps. Each sample was labeled and placed into a chilled ice chest for delivery under chain-of-custody to the laboratory.

The soil samples were submitted to Apex Labs located in Tigard, Oregon. This laboratory is not affiliated with the former Apex Winery. The samples were delivered to the laboratory within 48-hours of collection, in compliance with EPA Method 5035 and analyzed for VOCs (including MTBE) using EPA Method 8260B. The groundwater samples were also submitted to the laboratory for analysis of VOCs using EPA Method 8260B.

Upon completion, each boring was backfilled using bentonite chips and hydrated in accordance with Washington Administrative Code (WAC) 173-160-460. The ground surface was restored to the original condition (gravel or asphalt).

Recent Remedial Actions by Others

It is our understanding that remedial activities were conducted on the Apex Winery Site by Sound Environmental Strategies approximately one week prior to Kennedy/Jenks' Site investigation activities reported on herein. It is our understanding that this remediation

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work consisted of injecting a chemical oxidant (RegenOx™ manufactured by Regenesis) predominantly into the saturated zone to chemically oxidize constituents of concern (including, but not limited to, PCE, MTBE, and other petroleum hydrocarbons). The injections were completed in the vicinity of recovery well RW-08, which is upgradient of the Kennedy/Jenks Site investigation activities.

In response to a question about RegenOx™ from Kennedy/Jenks, Regenesis staff said that an increase in groundwater pH would be observed if the sampled groundwater from the borings advanced by Kennedy/Jenks had contact with the RegenOx™ product. Therefore, pH was measured for groundwater samples collected from soil borings KJB-6, KJB-7, KJB-8, and well MW-13 and these results were compared to the farthest downgradient well, MW-12. The measured pH in the borings/well located immediately downgradient of the remediation area was within 10 percent of background well MW-12. Hence, we do not believe that Sound Environmental's recent remediation effort had any effect of the results of the Kennedy/Jenks Site investigation, including soil concentrations of VOCs because the RegenOx™ treatment was predominantly conducted within the saturated zone.

Investigation Results

This section presents a summary of field observations and soil and groundwater sample analytical results. Table 1 presents a summary of the groundwater analytical results. The Apex Labs report is included in Appendix B.

Field Observations

The lithology encountered in the borings consisted of silt and fine sand with minor silty clay zones. The lithology encountered in boring KJB-1 below a depth of 25 feet to the total depth of the boring (40 feet bgs) consisted of clayey silt, silty sand, and silty clay. The presence of silty clay in boring KJB-1 verifies the existence of a confining unit (clay and sandy clay) identified in the logs of production Wells 1 and 2. No evidence of impacted soil or groundwater was observed during drilling (i.e., field screening did not indicate sheen odors, or VOC vapors detectable by a PID device that can detect PCE and MTBE).

Analytical Results

All of the soil samples were analyzed from the borings located in the area where potential sources of VOCs are present in nearby groundwater (KJB-4 through KJB-8). The shallow soil sample collected from borings KJB-1, KJB-2 and KJB-3 were not analyzed because there is no known potential source in these areas other than groundwater transport. Groundwater samples from all eight of the borings were analyzed.

- VOCs were not detected in any of the 13 analyzed soil samples.

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- MTBE was not detected in any of the eight groundwater samples based on a laboratory detection limit of 1.0 µg/l. The MTCA Method A cleanup goal for MTBE is 20 µg/l.
- VOCs were not detected in the two groundwater samples collected from borings KJB-2 and KJB-5 located upgradient of Well 2.
- Low concentrations of VOCs were detected in the other groundwater samples below applicable MTCA cleanup levels as described below.
 - Toluene was detected in the groundwater samples collected from borings KJB-1 and KJB-8 at concentrations of 1.11 µg/l and 1.92 µg/l, respectively. The MTCA Method A cleanup goal for toluene is 1,000 µg/l.
 - Benzene was detected in the groundwater sample collected from boring KJB-8 at a concentration of 0.31 µg/l. The MTCA Method A cleanup goal for benzene is 5 µg/l.
 - PCE was detected in the groundwater samples collected from borings KJB-3 (0.67 µg/l), KJB-4 (0.85 µg/l), KJB-6 (3.57 µg/l), and KJB-7 (3.91 µg/l). The MTCA Method A cleanup goal for PCE is 5 µg/l.
 - No other VOCs were detected in any of the groundwater samples collected during this investigation.

Conclusions

Based on the results of the soil and groundwater sampling conducted during this investigation:

The absence of VOCs in shallow soil samples indicates that there is no on-site source of VOCs.

The low concentrations of VOCs that were detected in groundwater, including benzene, toluene, and PCE were in locations that are consistent with the locations where VOCs have been identified in groundwater samples collected previously by Time Oil. This pattern suggests that the VOCs detected at the Apex Winery Site are residuals of contamination that were transported to the Site in groundwater from an upgradient source, which has subsequently been mitigated by Time Oil's remedial operations.

PCE and MTBE were not detected in the groundwater samples collected from borings KJB-1 or KJB-2, which are the nearest sampling locations to production Well 2. This finding indicates that these VOCs are not present in the shallow groundwater for a distance of at least 250 feet from (cross-gradient) production Well 2.

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A low concentration of toluene was detected in the groundwater sample collected from boring KJB-1. However, the concentration is significantly lower than the MTCA Method A cleanup level of 1,000 µg/l.

Based on the lithology encountered during this investigation and identified in the logs of production Wells 1 and 2, a laterally continuous confining unit is present beneath the Site at a depth of approximately 25 to at least 60 feet. The analytical results of groundwater samples previously collected from production Wells 1 and 2 (VOCs have not been detected) and the results of a pumping test conducted earlier in 2008 on Well 2 strongly support the presence of a confining unit.

If you have any questions regarding our scope of work, please call Gregg Bryden at 503-295-4911.

Very truly yours,

KENNEDY/JENKS CONSULTANTS

A handwritten signature in black ink, appearing to read "Gregg Bryden". The signature is fluid and cursive, with a large initial "G" and "B".

Gregg Bryden
Project Manager

Enclosures

References

Alisto Engineering 1997. Site Assessment Report, prepared by Alisto Engineering Group, 30 June 1997.

Kennedy/Jenks 2008. Work Plan for Conducting Shallow Soil and Groundwater Investigation
Former Apex Winery Property, 111 E. Lincoln Ave., Sunnyside, WA,
Kennedy/Jenks Consultants, 23 September 2008.

Tables

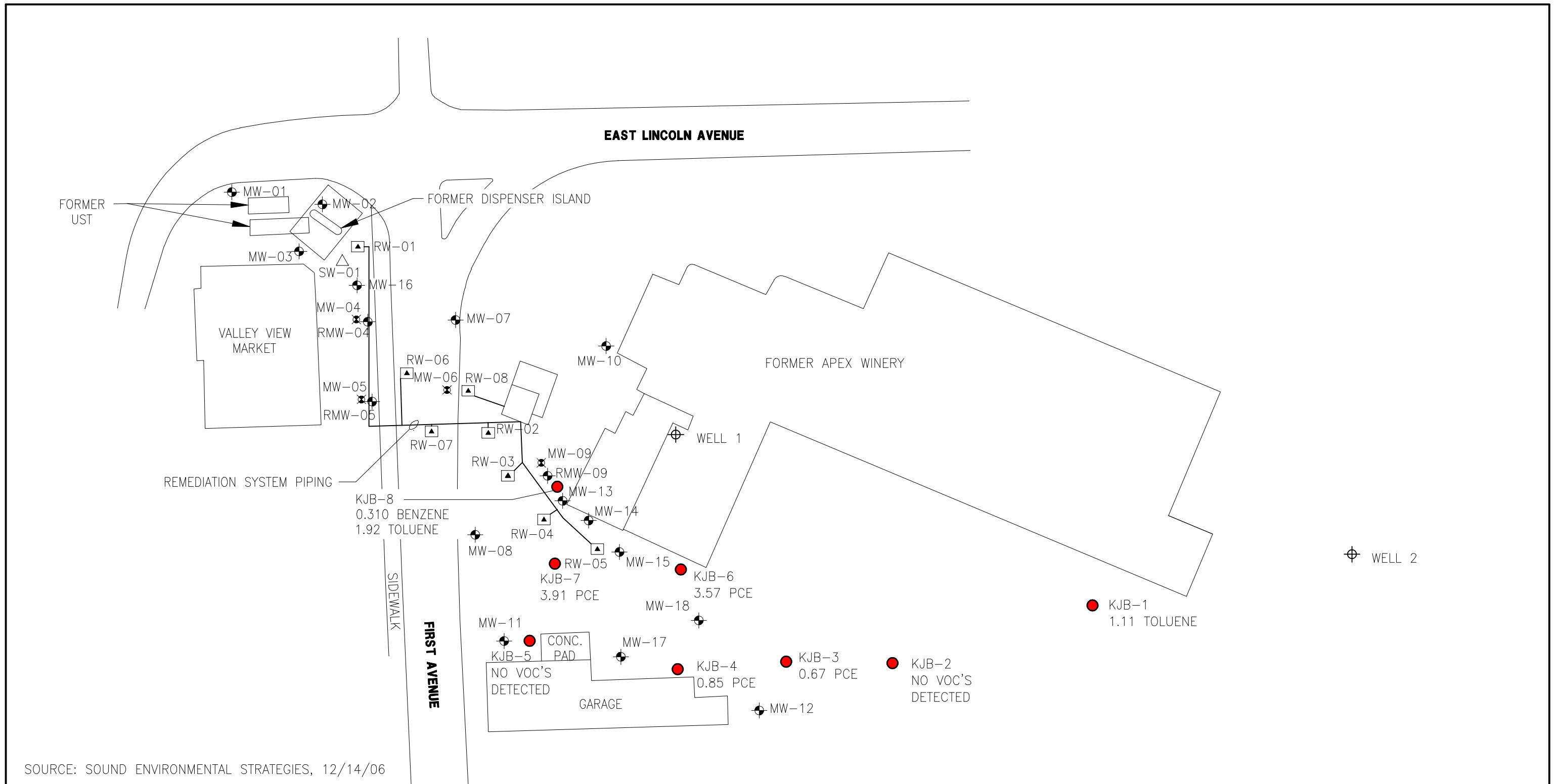
Table 1: Groundwater Volatile Organic Compound Analytical Results

| Detected Volatile Organic Compounds ^(a) (ug/l)^(b) | | | | |
|--|--------------------|-----------------------|----------------|--------------------------|
| Sample Location | Sample Date | Benzene | Toluene | Tetrachloroethene |
| KJB-1-GW | 09/25/08 | <0.250 ^(c) | 1.11 | <0.50 |
| KJB-2-GW | 09/25/08 | <0.250 | <1.0 | <0.50 |
| KJB-3-GW | 09/25/08 | <0.250 | <1.0 | 0.67 |
| KJB-4-GW | 09/26/08 | <0.250 | <1.0 | 0.85 |
| KJB-5-GW | 09/26/08 | <0.250 | <1.0 | <0.50 |
| KJB-6-GW | 09/26/08 | <0.250 | <1.0 | 3.57 |
| KJB-7-GW | 09/26/08 | <0.250 | <1.0 | 3.91 |
| KJB-8-GW | 09/26/08 | 0.310 | 1.92 | <0.50 |
| MTCA Method A ^(d) | | 5 | 1,000 | 5 |

Notes:

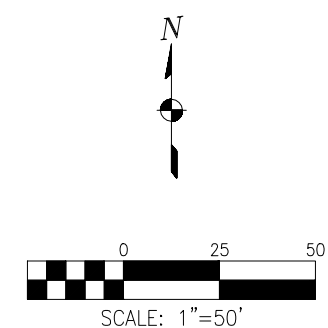
- (a) Samples were analyzed for VOCs by U.S. Environmental Protection Agency (EPA) Method 8260B. Only the results of detected analytes are summarized in this table; refer to Attachment B for a list of all analytes.
- (b) µg/l = Micrograms per liter.
- (c) < = indicates the compound was not detected above the indicated detection limit.
- (d) MTCA Method A = Model Toxic Control Act Method A Cleanup Levels.

Figures



LEGEND

| | | | |
|--------|---|--|--|
| SW-01 | △ | SPARGE WELL (ABANDONED) | PCE=0.85 ?g/L=VOLATILE COMPOUND CONCENTRATION |
| RW-01 | ▣ | RECOVERY WELL (GROUNDWATER AND VAPOR EXTRACTION) | IN GROUNDWATER. |
| MW-14 | ⊕ | MONITORING WELL | [CONCENTRATION IN MICROGRAMS PER LITER (?g/L)] |
| MW-05 | ⊗ | ABANDONED MONITORING WELL | NOTES: 1. PCE=TETRACHLOROETHENE |
| WELL 1 | ⊕ | PRODUCTION WELL | 2. NO VOC'S DETECTED IN SOIL SAMPLES |
| UST | □ | FORMER UNDERGROUND STORAGE TANK | |
| KJB-4 | ● | SOIL BORING NUMBER | |



Kennedy/Jenks Consultants

FORMER APEX WINERY
SUNNYSIDE, WA

**VOLATILE ORGANIC COMPOUND
CONCENTRATIONS IN RECONNIASANCE
GROUNDWATER SAMPLES, SEPT. 2008**

KJ 0792027.30

FIGURE 1

Appendix A

Boring Logs

Boring Log

Kennedy/Jenks Consultants

| | | | |
|--|--|---|--|
| BORING LOCATION Former APEX Winery, 111 East Lincoln Avenue, Sunnyside, Washington | | Boring Name KJB-1 | |
| DRILLING COMPANY ESN NW | | DRILLER Noel Knopf | |
| DRILLING METHOD(S) Direct Push | | DRILL BIT(S) SIZE 2" | |
| ISOLATION CASING n/a | | Project Name Former Apex Winery | |
| BLANK CASING n/a | | Project Number 0792027.20 | |
| SLOTTED CASING n/a | | ELEVATION AND DATUM n/a | |
| SIZE AND TYPE OF FILTER PACK n/a | | TOTAL DEPTH 40.0 ft. bgs | |
| SEAL n/a | | DATE STARTED 9/24/08 | |
| GROUT n/a | | DATE COMPLETED 9/24/08 | |
| | | STATIC WATER ELEVATION n/a | |
| | | LOGGED BY SM | |
| | | SAMPLING METHODS macrocore | |
| | | WELL COMPLETION <input type="checkbox"/> SURFACE HOUSING <input type="checkbox"/> STAND PIPE n/a FT. | |

| SAMPLES | | | Drill Depth (Feet) | BACKFILL DETAILS | USCS Log | Lithology | Color | SAMPLE DESCRIPTION and DRILLING REMARKS |
|------------|-----------------|--------------------------|--------------------|------------------|----------|-----------|-------|---|
| Type & No. | Recovery (Feet) | Penetr. Resist. Blows/6" | | | | | | |
| KJB-1-7 | | | 5 | | | | | SILT AND SAND FILL. GRAY, DRY TO SLIGHTLY MOIST; COBBLES TO 5" DIAMETER ARE PRESENT. SILT. TAN-BROWN, SLIGHTLY MOIST; STIFF; NO ODOR OR STAINING. 1" THICK FINE SAND ZONES AT 5', 6', 7.5'. |
| | | | | | | | | VERY FINE SAND. TAN-BROWN, SLIGHTLY MOIST, NO ODOR OR STAINING. SILT. TAN-BROWN; MOIST; STIFF. VERY FINE SAND, AS 9-9.5'. CLAYEY SANDY SILT. TAN-BROWN; MOIST; VERY STIFF; NO ODOR OR STAINING. 1-3" FINE SAND STRINGERS AT 13, 14, AND 15.5'. |
| KJB-1-19' | | | 20 | | | | | FINE SAND. TAN-BROWN; SATURATED; NO ODOR OR STAINING. CLAYEY SANDY SILT AS 10.5-19.5'. VERY FINE SAND. TAN-BROWN; SATURATED. CLAYEY SILT. TAN-BROWN; MOIST. |

BORING & WELL CONSTRUCTION APEX BORINGS.GPJ KENNEDY_JENKS.GDT 10/31/08

Boring Log

Kennedy/Jenks Consultants


| Project Name | | | Former Apex Winery | | | Project Number | | | 0792027.20 | | | Boring Name | | | KJB-1 | | |
|--------------|-----------------|--------------------------|--------------------|--|--|----------------|-----------|-------|---|--|--|-------------|--|--|-------|--|---|
| SAMPLES | | | BACKFILL DETAILS | | | USCS Log | Lithology | Color | SAMPLE DESCRIPTION and DRILLING REMARKS | | | | | | | | |
| Type & No. | Recovery (Feet) | Penetr. Resist. Blows/6" | Drill Depth (Feet) | | | | | | | | | | | | | | |
| | | | 30 | | | | | | | | | | | | | | CLAYEY SILT. TAN-BROWN; MOIST., continued |
| | | | | | | | | | | | | | | | | | VERY FINE SAND WITH SILT; SLIGHTLY MOIST. |
| | | | | | | | | | | | | | | | | | SILTY CLAY. TAN-BROWN; SLIGHTLY MOIST; VERY STIFF. |
| | | | | | | | | | | | | | | | | | SILTY SAND. TAN-BROWN; VERY MOIST TO SATURATED. |
| | | | | | | | | | | | | | | | | | CLAYEY SILT. TAN-BROWN; MOIST TO VERY MOIST; STIFF. |
| | | | | | | | | | | | | | | | | | NOT LOGGED. |
| | | | 35 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | 40 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

BORING & WELL CONSTRUCTION APEX BORINGS.GPJ KENNEDY_JENKS.GDT 10/31/08

Boring Log

Kennedy/Jenks Consultants

| | | | |
|--|-----------------------------------|--------------------------------------|---|
| BORING LOCATION Former APEX Winery, 111 East Lincoln Avenue, Sunnyside, Washington | | Boring Name | KJB-2 |
| DRILLING COMPANY ESN NW | DRILLER Noel Knopf | Project Name | Former Apex Winery |
| DRILLING METHOD(S) Direct Push | DRILL BIT(S) SIZE 2" | Project Number | 0792027.20 |
| ISOLATION CASING n/a | FROM n/a TO n/a FT. | ELEVATION AND DATUM n/a | TOTAL DEPTH 24.0 ft. bgs |
| BLANK CASING n/a | FROM n/a TO n/a FT. | DATE STARTED 9/25/08 | DATE COMPLETED 9/25/08 |
| SLOTTED CASING n/a | FROM n/a TO n/a FT. | STATIC WATER ELEVATION n/a | |
| SIZE AND TYPE OF FILTER PACK n/a | FROM n/a TO n/a FT. | LOGGED BY SM | |
| SEAL n/a | FROM n/a TO n/a FT. | SAMPLING METHODS macrocore | WELL COMPLETION <input type="checkbox"/> SURFACE HOUSING <input type="checkbox"/> STAND PIPE n/a FT. |
| GROUT n/a | FROM n/a TO n/a FT. | | |

| SAMPLES | | | Drill Depth (Feet) | BACKFILL DETAILS | USCS Log | Lithology | Color | SAMPLE DESCRIPTION and DRILLING REMARKS |
|------------|-----------------|--------------------------|--------------------|------------------|----------|-----------|-------|--|
| Type & No. | Recovery (Feet) | Penetr. Resist. Blows/6" | | | | | | |
| | | | | | | | | SILT, GRAY, DRY. 1" ZONE OF WHITE MATERIAL AT APPROXIMATELY 1'. NO ODOR OR STAINS. AT 3', COLOR DARKENS SLIGHTLY; BECOMES SLIGHTLY MOIST AT APPROXIMATELY 5'. SAMPLE KJB-2-5': ROUNDED COBBLES TO 5" DIAMETER PRESENT IN UPPER 2-3 FEET. |
| | | | 5 | | | | | PID = 0 PPM |
| | | | | | | | | PID = 0 PPM |
| | | | | | | | | PID = 0 PPM |
| | | | 10 | | | | | CLAYEY SILT, TAN-GRAY, MOIST, NO ODOR |
| | | | | | | | | FINE SAND, TAN-GRAY, SLIGHTLY MOIST, VERY FINE TO FINE SAND, NO ODOR |
| | | | | | | | | SANDY SILT, TAN-BROWN, MOIST, NO ODOR, STIFF TO VERY STIFF |
| | | | 15 | | | | | PID = 0 PPM |
| | | | | | | | | FINE SAND, TAN-BROWN, SLIGHTLY MOIST, VERY FINE TO FINE SAND, NO ODOR |
| | | | | | | | | SILTY CLAY, TAN-BROWN, MOIST, STIFF |
| | | | 20 | | | | | PID = 0 PPM |
| | | | | | | | | SANDY SILT, SAME AS 12-17'. BECOMES SATURATED TO VERY MOIST AT APPROXIMATELY 21.5'. |
| | | | | | | | | 21.5'  |

BORING & WELL CONSTRUCTION APEX BORINGS.GPJ KENNEDY_JENKS.GDT 10/31/08

Boring Log

Kennedy/Jenks Consultants

| | | | |
|--|-----------------------------------|--------------------------------------|---|
| BORING LOCATION Former APEX Winery, 111 East Lincoln Avenue, Sunnyside, Washington | | Boring Name | KJB-3 |
| DRILLING COMPANY ESN NW | DRILLER Noel Knopf | Project Name | Former Apex Winery |
| DRILLING METHOD(S) Direct Push | DRILL BIT(S) SIZE 2" | Project Number | 0792027.20 |
| ISOLATION CASING n/a | FROM n/a TO n/a FT. | ELEVATION AND DATUM n/a | TOTAL DEPTH 25.0 ft. bgs |
| BLANK CASING n/a | FROM n/a TO n/a FT. | DATE STARTED 9/24/08 | DATE COMPLETED 9/24/08 |
| SLOTTED CASING n/a | FROM n/a TO n/a FT. | STATIC WATER ELEVATION n/a | |
| SIZE AND TYPE OF FILTER PACK n/a | FROM n/a TO n/a FT. | LOGGED BY SM | |
| SEAL n/a | FROM n/a TO n/a FT. | SAMPLING METHODS macrocore | WELL COMPLETION <input type="checkbox"/> SURFACE HOUSING <input type="checkbox"/> STAND PIPE n/a FT. |
| GROUT n/a | FROM n/a TO n/a FT. | | |

| SAMPLES | | | Drill Depth (Feet) | BACKFILL DETAILS | | USCS Log | Lithology | Color | SAMPLE DESCRIPTION and DRILLING REMARKS |
|------------|-----------------|--------------------------|--------------------|------------------|--|----------|-----------|-------|--|
| Type & No. | Recovery (Feet) | Penetr. Resist. Blows/6" | | | | | | | |
| | | | | | | | | | SILT, GRAY, DRY, LOOSE. 1" ZONE OF WHITE MATERIAL AT 3'. NO ODOR OR STAINS. BECOMES SLIGHTLY MOIST AND STIFF AT APPROXIMATELY 4', COLOR DARKENS SLIGHTLY; NO ODOR. |
| | | | 5 | | | | | | PID = 0 PPM |
| | | | | | | | | | PID = 0 PPM |
| | | | | | | | | | PID = 0 PPM |
| | | | | | | | | | PID = 0 PPM |
| | | | 10 | | | | | | PID = 0 PPM |
| | | | | | | | | | FINE SAND, TAN-BROWN. VERY FINE TO FINE SAND. NO ODOR OR STAINING. |
| | | | | | | | | | SANDY SILT, TAN-BROWN. SLIGHTLY MOIST TO MOIST; STIFF; NO ODOR OR STAINING. |
| | | | | | | | | | SILTY CLAY, TAN-BROWN. MOIST TO VERY MOIST; VERY STIFF; NO ODOR OR STAINING. |
| | | | 15 | | | | | | PID = 0 PPM |
| | | | | | | | | | SILTY SAND, TAN-BROWN. MOIST; VERY FINE SAND WITH SILT; NO ODOR OR STAINS. |
| | | | | | | | | | CLAYEY SILT, TAN-BROWN. MOIST; VERY STIFF. |
| | | | | | | | | | SILTY VERY FINE SAND, TAN-BROWN. MOIST. |
| | | | | | | | | | CLAYEY SILT AS 16-17'. |
| | | | 20 | | | | | | PID = 0 PPM |
| | | | | | | | | | SILTY SAND AS 17-17.5'. |
| | | | | | | | | | CLAYEY SILT, TAN-BROWN. MOIST. |
| | | | | | | | | | SILTY VERY FINE SAND, TAN-BROWN. SATURATED. |
| | | | | | | | | | CLAYEY SILT, SAME AS 20.5-21.5'; MOIST. |
| | | | 25 | | | | | | |

BORING & WELL CONSTRUCTION APEX BORINGS.GPJ KENNEDY-JENKS.GDT 10/31/08

Boring Log

Kennedy/Jenks Consultants

| | | | |
|--|--|--------------------------------------|---|
| BORING LOCATION Former APEX Winery, 111 East Lincoln Avenue, Sunnyside, Washington | | Boring Name KJB-4 | |
| DRILLING COMPANY ESN NW | | DRILLER Noel Knopf | |
| DRILLING METHOD(S) Direct Push | | DRILL BIT(S) SIZE 2" | |
| ISOLATION CASING n/a | | FROM n/a TO n/a FT. | |
| BLANK CASING n/a | | FROM n/a TO n/a FT. | |
| SLOTTED CASING n/a | | FROM n/a TO n/a FT. | |
| SIZE AND TYPE OF FILTER PACK n/a | | FROM n/a TO n/a FT. | |
| SEAL n/a | | FROM n/a TO n/a FT. | |
| GROUT n/a | | FROM n/a TO n/a FT. | |
| | | ELEVATION AND DATUM n/a | TOTAL DEPTH 25.0 ft. bgs |
| | | DATE STARTED 9/25/08 | DATE COMPLETED 9/25/08 |
| | | STATIC WATER ELEVATION n/a | |
| | | LOGGED BY SM | |
| | | SAMPLING METHODS macrocore | WELL COMPLETION <input type="checkbox"/> SURFACE HOUSING <input type="checkbox"/> STAND PIPE n/a FT. |

| SAMPLES | | | Drill Depth (Feet) | BACKFILL DETAILS | USCS Log | Lithology | Color | SAMPLE DESCRIPTION and DRILLING REMARKS |
|------------|-----------------|--------------------------|--------------------|------------------|----------|-----------|-------|---|
| Type & No. | Recovery (Feet) | Penetr. Resist. Blows/6" | | | | | | |
| | | | | | | | | GRAVEL/SAND FILL. NO ODOR. |
| | | | | | | | | SILT. TAN-GRAY; DRY TO SLIGHTLY MOIST; NO ODOR OR STAINS. |
| | | | 5 | | | | | SILTY SAND. TAN-BROWN; SLIGHTLY MOIST; VERY FINE TO FINE SAND; NO ODOR OR STAINING. |
| | | | | | | | | SILT. TAN-BROWN; SLIGHTLY MOIST; STIFF; NO ODOR OR STAINING. |
| | | | 10 | | | | | CLAYEY SILT. TAN-BROWN; SLIGHTLY MOIST; STIFF TO VERY STIFF. |
| | | | | | | | | SILTY SAND, SAME AS 5-7'. |
| | | | | | | | | SILT, AS 7-9'. |
| | | | 15 | | | | | SILTY CLAY. TAN-BROWN; SLIGHTLY MOIST; VERY STIFF; NO ODOR OR STAINING. |
| | | | | | | | | SILTY SAND, SAME AS 11-12'. |
| | | | | | | | | SILTY CLAY, AS 14-15'. |
| | | | | | | | | SILTY CLAY, AS 14-15'. |
| | | | | | | | | SILTY CLAY AS 16-17'. MOIST. |
| | | | 20 | | | | | SILTY SAND. TAN-BROWN; MOIST; BECOMES SATURATED AT 21'. |
| | | | | | | | | |
| | | | | | | | | SILT. TAN-BROWN; MOIST; STIFF. |
| | | | 25 | | | | | |

BORING & WELL CONSTRUCTION APEX BORINGS.GPJ KENNEDY_JENKS.GDT 10/31/08

Boring Log

Kennedy/Jenks Consultants

| | | | |
|--|-----------------------------------|--------------------------------------|---|
| BORING LOCATION Former APEX Winery, 111 East Lincoln Avenue, Sunnyside, Washington | | Boring Name | KJB-5 |
| DRILLING COMPANY ESN NW | DRILLER Noel Knopf | Project Name | Former Apex Winery |
| DRILLING METHOD(S) Direct Push | DRILL BIT(S) SIZE 2" | Project Number | 0792027.20 |
| ISOLATION CASING n/a | FROM n/a TO n/a FT. | ELEVATION AND DATUM n/a | TOTAL DEPTH 24.0 ft. bgs |
| BLANK CASING n/a | FROM n/a TO n/a FT. | DATE STARTED 9/25/08 | DATE COMPLETED 9/25/08 |
| SLOTTED CASING n/a | FROM n/a TO n/a FT. | STATIC WATER ELEVATION n/a | |
| SIZE AND TYPE OF FILTER PACK n/a | FROM n/a TO n/a FT. | LOGGED BY SM | |
| SEAL n/a | FROM n/a TO n/a FT. | SAMPLING METHODS macrocore | WELL COMPLETION <input type="checkbox"/> SURFACE HOUSING <input type="checkbox"/> STAND PIPE n/a FT. |
| GROUT n/a | FROM n/a TO n/a FT. | | |

| SAMPLES | | | Drill Depth (Feet) | BACKFILL DETAILS | | USCS Log | Lithology | Color | SAMPLE DESCRIPTION and DRILLING REMARKS |
|------------|-----------------|--------------------------|--------------------|------------------|--|----------|-----------|-------|---|
| Type & No. | Recovery (Feet) | Penetr. Resist. Blows/6" | | | | | | | |
| | | | 5 | | | | | | ASPHALT/GRAVEL FILL SILT. TAN GRAY, DRY, NO ODOR OR STAINING, BECOMES SLIGHTLY MOIST AT 4', 1-INCH FINE SAND STRINGER AT 10' |
| | | | 10 | | | | | | PID = 0 PPM VERY FINE SAND. |
| | | | 15 | | | | | | PID = 0 PPM SILTY CLAY. TAN BROWN, MOIST, NO ODOR OR STAINING FINE SAND. TAN BROWN, DRY SILT. TAN BROWN, MOIST, STIFF |
| | | | 20 | | | | | | PID = 0 PPM SILTY SAND. TAN BROWN, MOIST, VERY FINE SAND, NO ODOR OR STAINING SILT. SAME AS 14-15 SILTY CLAY. TAN BROWN, MOIST, VERY STIFF, VERY MOIST, FINE SANDY SILT STRINGER AT ~18' |
| | | | 20 | | | | | | SILTY VERY FINE SAND. VERY MOIST TO SATURATED SANDY SILT. TAN BROWN, MOIST. DRIVE TO 24' TO COLLECT GROUNDWATER SAMPLE NO RECOVERY |

BORING & WELL CONSTRUCTION APEX BORINGS.GPJ KENNEDY-JENKS.GDT 10/31/08

Boring Log

Kennedy/Jenks Consultants

| | | | |
|--|-----------------------------------|--------------------------------------|---|
| BORING LOCATION Former APEX Winery, 111 East Lincoln Avenue, Sunnyside, Washington | | Boring Name | KJB-6 |
| DRILLING COMPANY ESN NW | DRILLER Noel Knopf | Project Name | Former Apex Winery |
| DRILLING METHOD(S) Direct Push | DRILL BIT(S) SIZE 2" | Project Number | 0792027.20 |
| ISOLATION CASING n/a | FROM n/a TO n/a FT. | ELEVATION AND DATUM n/a | TOTAL DEPTH 24.0 ft. bgs |
| BLANK CASING n/a | FROM n/a TO n/a FT. | DATE STARTED 9/25/08 | DATE COMPLETED 9/25/08 |
| SLOTTED CASING n/a | FROM n/a TO n/a FT. | STATIC WATER ELEVATION n/a | |
| SIZE AND TYPE OF FILTER PACK n/a | FROM n/a TO n/a FT. | LOGGED BY SM | |
| SEAL n/a | FROM n/a TO n/a FT. | SAMPLING METHODS macrocore | WELL COMPLETION <input type="checkbox"/> SURFACE HOUSING <input type="checkbox"/> STAND PIPE n/a FT. |
| GROUT n/a | FROM n/a TO n/a FT. | | |

| SAMPLES | | | Drill Depth (Feet) | BACKFILL DETAILS | | USCS Log | Lithology | Color | SAMPLE DESCRIPTION and DRILLING REMARKS |
|------------|-----------------|--------------------------|--------------------|------------------|--|----------|-----------|-------|--|
| Type & No. | Recovery (Feet) | Penetr. Resist. Blows/6" | | | | | | | |
| | | | | | | | | | ASPHALT/GRAVEL BASE |
| | | | | | | | | | SILT. TAN GRAY, DRY, NO ODOR OR STAINING, 1-INCH DULL WHITE SOIL FROM 4.2 TO 4.3 |
| | | | 5 | | | | | | PID = 0 PPM |
| | | | | | | | | | PID = 0 PPM |
| | | | | | | | | | PID = 0 PPM |
| | | | 10 | | | | | | VERY FINE SAND. TAN BROWN, DRY TO SLIGHTLY MOIST, NO ODOR OR STAINING |
| | | | | | | | | | SILTY CLAY. TAN BROWN, MOIST, VERY STIFF, NO ODOR OR STAINING |
| | | | | | | | | | PID = 0 PPM |
| | | | | | | | | | SAND. TAN BROWN, DRY, FINE SAND |
| | | | | | | | | | SILT. TAN BROWN, SLIGHTLY MOIST, NO ODOR OR STAINING |
| | | | 15 | | | | | | SILTY SAND. TAN BROWN, SLIGHTLY MOIST, VERY FINE TO FINE SAND |
| | | | | | | | | | SILT. SAME AS 12.9 TO 14 |
| | | | | | | | | | SILTY CLAY. SAME AS 10 TO 12.5, BECOMES SATURATED AT ~18' |
| | | | | | | | | | VERY FINE SAND. TAN BROWN, SATURATED, NO ODOR |
| | | | 20 | | | | | | SANDY SILT. TAN BROWN, MOIST, VERY STIFF |
| | | | | | | | | | NO RECOVERY 21 TO 24 |

BORING & WELL CONSTRUCTION APEX BORINGS.GPJ KENNEDY-JENKS.GDT 10/31/08

Boring Log

Kennedy/Jenks Consultants

| | | | |
|--|-----------------------------------|--------------------------------------|---|
| BORING LOCATION Former APEX Winery, 111 East Lincoln Avenue, Sunnyside, Washington | | Boring Name | KJB-7 |
| DRILLING COMPANY ESN NW | DRILLER Noel Knopf | Project Name | Former Apex Winery |
| DRILLING METHOD(S) Direct Push | DRILL BIT(S) SIZE 2" | Project Number | 0792027.20 |
| ISOLATION CASING n/a | FROM n/a TO n/a FT. | ELEVATION AND DATUM n/a | TOTAL DEPTH 24.0 ft. bgs |
| BLANK CASING n/a | FROM n/a TO n/a FT. | DATE STARTED 9/25/08 | DATE COMPLETED 9/25/08 |
| SLOTTED CASING n/a | FROM n/a TO n/a FT. | STATIC WATER ELEVATION n/a | |
| SIZE AND TYPE OF FILTER PACK n/a | FROM n/a TO n/a FT. | LOGGED BY SM | |
| SEAL n/a | FROM n/a TO n/a FT. | SAMPLING METHODS macrocore | WELL COMPLETION <input type="checkbox"/> SURFACE HOUSING <input type="checkbox"/> STAND PIPE n/a FT. |
| GROUT n/a | FROM n/a TO n/a FT. | | |

| SAMPLES | | | Drill Depth (Feet) | BACKFILL DETAILS | USCS Log | Lithology | Color | SAMPLE DESCRIPTION and DRILLING REMARKS |
|------------|-----------------|--------------------------|--------------------|------------------|----------|-----------|-------|---|
| Type & No. | Recovery (Feet) | Penetr. Resist. Blows/6" | | | | | | |
| | | | 0 | | | XXXXXX | | ASPHALT/GRAVEL FILL |
| | | | 5 | | | | | SILT. TAN GRAY, DRY, BECOMES SLIGHTLY MOIST BELOW ~4', NO ODOR OR STAINS, VERY FINE SAND STRINGER AT 5' (DRY) |
| | | | 10 | | | | | SILTY CLAY. TAN BROWN, MOIST, VERY STIFF, NO ODOR OR STAINING, 1" SAND STRINGER AT 9.5' |
| | | | 15 | | | | | VERY FINE TO FINE SAND. TAN BROWN, SLIGHTLY MOIST, NO ODOR OR STAINING SILTY CLAY. SAME AS 7.5 TO 13 |
| | | | 20 | | | | | SILTY SAND. TAN BROWN, SLIGHTLY MOIST, VERY STIFF |
| | | | 21 | | | | | FINE SAND. TAN BROWN, SATURATED, NO ODOR OR STAINING |
| | | | | | | | | SILTY SAND. SAME AS 18' TO 21', MOIST |

BORING & WELL CONSTRUCTION APEX BORINGS.GPJ KENNEDY_JENKS.GDT 10/31/08

Appendix B

Apex Labs Laboratory Report

Apex Labs

12232 S.W. Garden Place
Tigard, OR 97223
503-718-2323 Phone
503-718-0333 Fax

Wednesday, October 8, 2008

Gregg Bryden
Kennedy Jenks
200 SW Market St., Suite 500
Portland, OR 97201

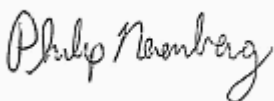
RE: Former Apex Winery / 0792027.20

Enclosed are the results of analyses for work order A809272, which was received by the laboratory on 9/26/2008 at 8:20:00AM.

Thank you for using Apex Labs. We appreciate your business and strive to provide the highest quality services to the environmental industry.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: pnerenberg@apex-labs.com, or by phone at 503-718-2323.

Apex Laboratories



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.

Philip Nerenberg, Lab Director

Kennedy Jenks

200 SW Market St., Suite 500
 Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.20
 Project Manager: Gregg Bryden

Reported:
 10/08/08 14:54

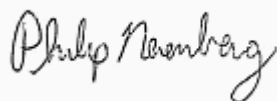
ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-------------|---------------|--------|----------------|----------------|
| KJB-2-21' | A809272-02 | Soil | 09/24/08 12:20 | 09/26/08 08:20 |
| KJB-2-GW | A809272-03 | Water | 09/24/08 13:00 | 09/26/08 08:20 |
| KJB-3-19' | A809272-05 | Soil | 09/24/08 14:10 | 09/26/08 08:20 |
| KJB-3-GW | A809272-06 | Water | 09/24/08 14:40 | 09/26/08 08:20 |
| KJB-1-19' | A809272-08 | Soil | 09/24/08 17:00 | 09/26/08 08:20 |
| KJB-4-7' | A809272-09 | Soil | 09/25/08 08:45 | 09/26/08 08:20 |
| KJB-4-20' | A809272-10 | Soil | 09/25/08 09:15 | 09/26/08 08:20 |
| KJB-1-GW | A809272-11 | Water | 09/24/08 17:15 | 09/26/08 08:20 |
| KJB-4-GW | A809272-12 | Water | 09/25/08 09:40 | 09/26/08 08:20 |
| KJB-6-7' | A809272-13 | Soil | 09/25/08 09:50 | 09/26/08 08:20 |
| KJB-6-17.5' | A809272-14 | Soil | 09/25/08 10:20 | 09/26/08 08:20 |
| KJB-6-GW | A809272-15 | Water | 09/25/08 10:55 | 09/26/08 08:20 |
| KJB-5-7' | A809272-16 | Soil | 09/25/08 11:55 | 09/26/08 08:20 |
| KJB-5-18.5' | A809272-17 | Soil | 09/25/08 12:10 | 09/26/08 08:20 |
| KJB-5-GW | A809272-18 | Water | 09/25/08 13:15 | 09/26/08 08:20 |
| KJB-7-7' | A809272-19 | Soil | 09/25/08 13:50 | 09/26/08 08:20 |
| KJB-7-20.5' | A809272-20 | Soil | 09/25/08 14:15 | 09/26/08 08:20 |
| KJB-7-GW | A809272-21 | Water | 09/25/08 14:40 | 09/26/08 08:20 |
| KJB-8-7' | A809272-22 | Soil | 09/25/08 15:00 | 09/26/08 08:20 |
| KJB-8-21.5' | A809272-23 | Soil | 09/25/08 15:20 | 09/26/08 08:20 |
| KJB-8-GW | A809272-24 | Water | 09/25/08 15:40 | 09/26/08 08:20 |

Apex Laboratories

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.



Philip Nerenberg, Lab Director

Kennedy Jenks

200 SW Market St., Suite 500
 Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.20
 Project Manager: Gregg Bryden

Reported:

10/08/08 14:54

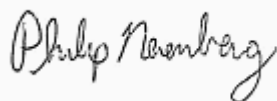
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|-------------------------------|--------|-----|---------------------|-----------|----------|----------------|------------|-------|
| | | | Limit | Units | | | | |
| KJB-2-21' (A809272-02) | | | Matrix: Soil | | | | | |
| Acetone | ND | --- | 1400 | ug/kg dry | 50 | 10/01/08 16:22 | 5035/8260B | |
| Benzene | ND | --- | 17.5 | " | " | " | " | |
| Bromobenzene | ND | --- | 35.1 | " | " | " | " | |
| Bromochloromethane | ND | --- | 35.1 | " | " | " | " | |
| Bromodichloromethane | ND | --- | 35.1 | " | " | " | " | |
| Bromoform | ND | --- | 70.2 | " | " | " | " | |
| Bromomethane | ND | --- | 702 | " | " | " | " | |
| 2-Butanone (MEK) | ND | --- | 702 | " | " | " | " | |
| n-Butylbenzene | ND | --- | 35.1 | " | " | " | " | |
| sec-Butylbenzene | ND | --- | 35.1 | " | " | " | " | |
| tert-Butylbenzene | ND | --- | 35.1 | " | " | " | " | |
| Carbon tetrachloride | ND | --- | 35.1 | " | " | " | " | |
| Chlorobenzene | ND | --- | 35.1 | " | " | " | " | |
| Chloroethane | ND | --- | 702 | " | " | " | " | |
| Chloroform | ND | --- | 351 | " | " | " | " | |
| Chloromethane | ND | --- | 351 | " | " | " | " | |
| 2-Chlorotoluene | ND | --- | 35.1 | " | " | " | " | |
| 4-Chlorotoluene | ND | --- | 35.1 | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | --- | 140 | " | " | " | " | |
| Dibromochloromethane | ND | --- | 70.2 | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | --- | 35.1 | " | " | " | " | |
| Dibromomethane | ND | --- | 35.1 | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | --- | 35.1 | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | --- | 35.1 | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | --- | 35.1 | " | " | " | " | |
| Dichlorodifluoromethane | ND | --- | 70.2 | " | " | " | " | |
| 1,1-Dichloroethane | ND | --- | 35.1 | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | --- | 35.1 | " | " | " | " | |
| 1,1-Dichloroethene | ND | --- | 35.1 | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | --- | 35.1 | " | " | " | " | |

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Philip Nerenberg, Lab Director

Kennedy Jenks

200 SW Market St., Suite 500
 Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.20
 Project Manager: Gregg Bryden

Reported:
 10/08/08 14:54

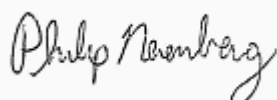
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|--------------------------------|--------|-----|---------------------|-----------|----------|---------------|------------|-------|
| | | | Limit | Units | | | | |
| KJB-2-21' (A809272-02) | | | Matrix: Soil | | | | | |
| trans-1,2-Dichloroethene | ND | --- | 35.1 | ug/kg dry | 50 | " | 5035/8260B | |
| 1,2-Dichloropropane | ND | --- | 35.1 | " | " | " | " | |
| 1,3-Dichloropropane | ND | --- | 35.1 | " | " | " | " | |
| 2,2-Dichloropropane | ND | --- | 70.2 | " | " | " | " | |
| 1,1-Dichloropropene | ND | --- | 35.1 | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | --- | 70.2 | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | --- | 70.2 | " | " | " | " | |
| Ethylbenzene | ND | --- | 35.1 | " | " | " | " | |
| Hexachlorobutadiene | ND | --- | 140 | " | " | " | " | |
| 2-Hexanone | ND | --- | 702 | " | " | " | " | |
| Isopropylbenzene | ND | --- | 35.1 | " | " | " | " | |
| 4-Isopropyltoluene | ND | --- | 35.1 | " | " | " | " | |
| 4-Methyl-2-pentanone (MiBK) | ND | --- | 702 | " | " | " | " | |
| Methyl tert-butyl ether (MTBE) | ND | --- | 70.2 | " | " | " | " | |
| Methylene chloride | ND | --- | 351 | " | " | " | " | |
| Naphthalene | ND | --- | 351 | " | " | " | " | |
| n-Propylbenzene | ND | --- | 35.1 | " | " | " | " | |
| Styrene | ND | --- | 35.1 | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | --- | 70.2 | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | --- | 35.1 | " | " | " | " | |
| Tetrachloroethene (PCE) | ND | --- | 35.1 | " | " | " | " | |
| Toluene | ND | --- | 140 | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | --- | 140 | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | --- | 140 | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | --- | 70.2 | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | --- | 35.1 | " | " | " | " | |
| Trichloroethene (TCE) | ND | --- | 35.1 | " | " | " | " | |
| Trichlorofluoromethane | ND | --- | 351 | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | --- | 70.2 | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | --- | 70.2 | " | " | " | " | |

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Project Number: 0792027.20
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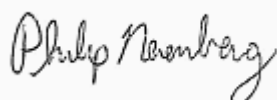
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|---|--------|-----|-----------------------|-------------------------|----------|----------------|------------|-------|
| | | | Limit | Units | | | | |
| | | | Matrix: Soil | | | | | |
| KJB-2-21' (A809272-02) | | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | --- | 70.2 | ug/kg dry | 50 | " | 5035/8260B | |
| Vinyl chloride | ND | --- | 35.1 | " | " | " | " | |
| m,p-Xylene | ND | --- | 70.2 | " | " | " | " | |
| o-Xylene | ND | --- | 35.1 | " | " | " | " | |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> | | | <i>Recovery: 94 %</i> | <i>Limits: 70-130 %</i> | 1 | " | " | |
| <i>1,4-Difluorobenzene (Surr)</i> | | | <i>102 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>Toluene-d8 (Surr)</i> | | | <i>95 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>4-Bromofluorobenzene (Surr)</i> | | | <i>96 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| | | | Matrix: Water | | | | | |
| KJB-2-GW (A809272-03) | | | | | | | | |
| Acetone | ND | --- | 20.0 | ug/L | 1 | 09/26/08 16:08 | EPA 8260B | |
| Benzene | ND | --- | 0.250 | " | " | " | " | |
| Bromobenzene | ND | --- | 0.500 | " | " | " | " | |
| Bromochloromethane | ND | --- | 0.500 | " | " | " | " | |
| Bromodichloromethane | ND | --- | 0.500 | " | " | " | " | |
| Bromoform | ND | --- | 1.00 | " | " | " | " | |
| Bromomethane | ND | --- | 5.00 | " | " | " | " | |
| 2-Butanone (MEK) | ND | --- | 10.0 | " | " | " | " | |
| n-Butylbenzene | ND | --- | 1.00 | " | " | " | " | |
| sec-Butylbenzene | ND | --- | 10.0 | " | " | " | " | |
| tert-Butylbenzene | ND | --- | 0.500 | " | " | " | " | |
| Carbon tetrachloride | ND | --- | 0.500 | " | " | " | " | |
| Chlorobenzene | ND | --- | 0.500 | " | " | " | " | |
| Chloroethane | ND | --- | 2.00 | " | " | " | " | |
| Chloroform | ND | --- | 2.00 | " | " | " | " | |
| Chloromethane | ND | --- | 5.00 | " | " | " | " | |
| 2-Chlorotoluene | ND | --- | 0.500 | " | " | " | " | |
| 4-Chlorotoluene | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | --- | 5.00 | " | " | " | " | |
| Dibromochloromethane | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | --- | 0.500 | " | " | " | " | |

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Project Number: 0792027.20
 Project Manager: Gregg Bryden

Reported:
 10/08/08 14:54

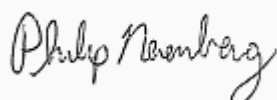
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|--------------------------------|--------|-----|----------------------|-------|----------|---------------|-----------|-------|
| | | | Limit | Units | | | | |
| KJB-2-GW (A809272-03) | | | Matrix: Water | | | | | |
| Dibromomethane | ND | --- | 0.500 | ug/L | 1 | " | EPA 8260B | |
| 1,2-Dichlorobenzene | ND | --- | 0.500 | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | --- | 0.500 | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | --- | 0.500 | " | " | " | " | |
| Dichlorodifluoromethane | ND | --- | 1.00 | " | " | " | " | |
| 1,1-Dichloroethane | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | --- | 0.500 | " | " | " | " | |
| 1,1-Dichloroethene | ND | --- | 0.500 | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | --- | 0.500 | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dichloropropane | ND | --- | 0.500 | " | " | " | " | |
| 1,3-Dichloropropane | ND | --- | 0.500 | " | " | " | " | |
| 2,2-Dichloropropane | ND | --- | 0.500 | " | " | " | " | |
| 1,1-Dichloropropene | ND | --- | 0.500 | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | --- | 1.00 | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | --- | 0.500 | " | " | " | " | |
| Ethylbenzene | ND | --- | 0.500 | " | " | " | " | |
| Hexachlorobutadiene | ND | --- | 5.00 | " | " | " | " | |
| 2-Hexanone | ND | --- | 10.0 | " | " | " | " | |
| Isopropylbenzene | ND | --- | 0.500 | " | " | " | " | |
| 4-Isopropyltoluene | ND | --- | 1.00 | " | " | " | " | |
| 4-Methyl-2-pentanone (MiBK) | ND | --- | 10.0 | " | " | " | " | |
| Methyl tert-butyl ether (MTBE) | ND | --- | 1.00 | " | " | " | " | |
| Methylene chloride | ND | --- | 5.00 | " | " | " | " | |
| Naphthalene | ND | --- | 5.00 | " | " | " | " | |
| n-Propylbenzene | ND | --- | 0.500 | " | " | " | " | |
| Styrene | ND | --- | 0.500 | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | --- | 0.500 | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | --- | 0.500 | " | " | " | " | |
| Tetrachloroethene (PCE) | ND | --- | 0.500 | " | " | " | " | |

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Project Number: 0792027.20
 Project Manager: Gregg Bryden

Reported:
 10/08/08 14:54

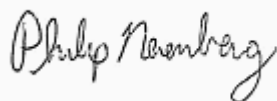
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Date Analyzed | Method | Notes |
|---|--------|------------------------|----------------------|-------------------------|----------|----------------|------------|-------|
| | | | Matrix: Water | | | | | |
| Toluene | ND | --- | 1.00 | ug/L | 1 | " | EPA 8260B | |
| 1,2,3-Trichlorobenzene | ND | --- | 5.00 | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | --- | 5.00 | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | --- | 0.500 | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | --- | 0.500 | " | " | " | " | |
| Trichloroethene (TCE) | ND | --- | 0.500 | " | " | " | " | |
| Trichlorofluoromethane | ND | --- | 1.00 | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | --- | 1.00 | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | --- | 1.00 | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | --- | 1.00 | " | " | " | " | |
| Vinyl chloride | ND | --- | 0.500 | " | " | " | " | |
| m,p-Xylene | ND | --- | 1.00 | " | " | " | " | |
| o-Xylene | ND | --- | 0.500 | " | " | " | " | |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> | | <i>Recovery: 110 %</i> | | <i>Limits: 80-120 %</i> | | " | " | " |
| <i>1,4-Difluorobenzene (Surr)</i> | | <i>108 %</i> | | <i>Limits: 80-120 %</i> | | " | " | " |
| <i>Toluene-d8 (Surr)</i> | | <i>97 %</i> | | <i>Limits: 80-120 %</i> | | " | " | " |
| <i>4-Bromofluorobenzene (Surr)</i> | | <i>109 %</i> | | <i>Limits: 80-120 %</i> | | " | " | " |
| | | | Matrix: Soil | | | | | |
| Acetone | ND | --- | 1290 | ug/kg dry | 50 | 10/01/08 16:50 | 5035/8260B | |
| Benzene | ND | --- | 16.2 | " | " | " | " | |
| Bromobenzene | ND | --- | 32.3 | " | " | " | " | |
| Bromochloromethane | ND | --- | 32.3 | " | " | " | " | |
| Bromodichloromethane | ND | --- | 32.3 | " | " | " | " | |
| Bromoform | ND | --- | 64.7 | " | " | " | " | |
| Bromomethane | ND | --- | 647 | " | " | " | " | |
| 2-Butanone (MEK) | ND | --- | 647 | " | " | " | " | |
| n-Butylbenzene | ND | --- | 32.3 | " | " | " | " | |
| sec-Butylbenzene | ND | --- | 32.3 | " | " | " | " | |
| tert-Butylbenzene | ND | --- | 32.3 | " | " | " | " | |
| Carbon tetrachloride | ND | --- | 32.3 | " | " | " | " | |

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Project Number: 0792027.20
 Project Manager: Gregg Bryden

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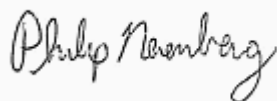
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|-------------------------------|--------|-----|---------------------|-----------|----------|---------------|------------|-------|
| | | | Limit | Units | | | | |
| KJB-3-19' (A809272-05) | | | Matrix: Soil | | | | | |
| Chlorobenzene | ND | --- | 32.3 | ug/kg dry | 50 | " | 5035/8260B | |
| Chloroethane | ND | --- | 647 | " | " | " | " | |
| Chloroform | ND | --- | 323 | " | " | " | " | |
| Chloromethane | ND | --- | 323 | " | " | " | " | |
| 2-Chlorotoluene | ND | --- | 32.3 | " | " | " | " | |
| 4-Chlorotoluene | ND | --- | 32.3 | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | --- | 129 | " | " | " | " | |
| Dibromochloromethane | ND | --- | 64.7 | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | --- | 32.3 | " | " | " | " | |
| Dibromomethane | ND | --- | 32.3 | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | --- | 32.3 | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | --- | 32.3 | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | --- | 32.3 | " | " | " | " | |
| Dichlorodifluoromethane | ND | --- | 64.7 | " | " | " | " | |
| 1,1-Dichloroethane | ND | --- | 32.3 | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | --- | 32.3 | " | " | " | " | |
| 1,1-Dichloroethene | ND | --- | 32.3 | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | --- | 32.3 | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | --- | 32.3 | " | " | " | " | |
| 1,2-Dichloropropane | ND | --- | 32.3 | " | " | " | " | |
| 1,3-Dichloropropane | ND | --- | 32.3 | " | " | " | " | |
| 2,2-Dichloropropane | ND | --- | 64.7 | " | " | " | " | |
| 1,1-Dichloropropene | ND | --- | 32.3 | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | --- | 64.7 | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | --- | 64.7 | " | " | " | " | |
| Ethylbenzene | ND | --- | 32.3 | " | " | " | " | |
| Hexachlorobutadiene | ND | --- | 129 | " | " | " | " | |
| 2-Hexanone | ND | --- | 647 | " | " | " | " | |
| Isopropylbenzene | ND | --- | 32.3 | " | " | " | " | |
| 4-Isopropyltoluene | ND | --- | 32.3 | " | " | " | " | |

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 Project Manager: Gregg Bryden

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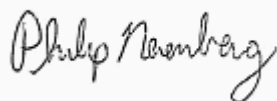
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|---|--------|-----|-----------------------|-------------------------|----------|---------------|------------|-------|
| | | | Limit | Units | | | | |
| KJB-3-19' (A809272-05) | | | | | | | | |
| Matrix: Soil | | | | | | | | |
| 4-Methyl-2-pentanone (MiBK) | ND | --- | 647 | ug/kg dry | 50 | " | 5035/8260B | |
| Methyl tert-butyl ether (MTBE) | ND | --- | 64.7 | " | " | " | " | |
| Methylene chloride | ND | --- | 323 | " | " | " | " | |
| Naphthalene | ND | --- | 323 | " | " | " | " | |
| n-Propylbenzene | ND | --- | 32.3 | " | " | " | " | |
| Styrene | ND | --- | 32.3 | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | --- | 64.7 | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | --- | 32.3 | " | " | " | " | |
| Tetrachloroethene (PCE) | ND | --- | 32.3 | " | " | " | " | |
| Toluene | ND | --- | 129 | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | --- | 129 | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | --- | 129 | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | --- | 64.7 | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | --- | 32.3 | " | " | " | " | |
| Trichloroethene (TCE) | ND | --- | 32.3 | " | " | " | " | |
| Trichlorofluoromethane | ND | --- | 323 | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | --- | 64.7 | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | --- | 64.7 | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | --- | 64.7 | " | " | " | " | |
| Vinyl chloride | ND | --- | 32.3 | " | " | " | " | |
| m,p-Xylene | ND | --- | 64.7 | " | " | " | " | |
| o-Xylene | ND | --- | 32.3 | " | " | " | " | |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> | | | <i>Recovery: 93 %</i> | <i>Limits: 70-130 %</i> | 1 | " | " | |
| <i>1,4-Difluorobenzene (Surr)</i> | | | <i>101 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>Toluene-d8 (Surr)</i> | | | <i>96 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>4-Bromofluorobenzene (Surr)</i> | | | <i>98 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |

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Project Number: 0792027.20
 Project Manager: Gregg Bryden

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 10/08/08 14:54

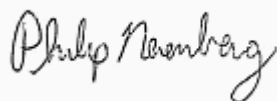
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|------------------------------|--------|-----|----------------------|-------|----------|----------------|-----------|-------|
| | | | Limit | Units | | | | |
| KJB-3-GW (A809272-06) | | | Matrix: Water | | | | | |
| Acetone | ND | --- | 20.0 | ug/L | 1 | 10/01/08 13:15 | EPA 8260B | |
| Benzene | ND | --- | 0.250 | " | " | " | " | |
| Bromobenzene | ND | --- | 0.500 | " | " | " | " | |
| Bromochloromethane | ND | --- | 0.500 | " | " | " | " | |
| Bromodichloromethane | ND | --- | 0.500 | " | " | " | " | |
| Bromoform | ND | --- | 1.00 | " | " | " | " | |
| Bromomethane | ND | --- | 5.00 | " | " | " | " | |
| 2-Butanone (MEK) | ND | --- | 10.0 | " | " | " | " | |
| n-Butylbenzene | ND | --- | 1.00 | " | " | " | " | |
| sec-Butylbenzene | ND | --- | 10.0 | " | " | " | " | |
| tert-Butylbenzene | ND | --- | 0.500 | " | " | " | " | |
| Carbon tetrachloride | ND | --- | 0.500 | " | " | " | " | |
| Chlorobenzene | ND | --- | 0.500 | " | " | " | " | |
| Chloroethane | ND | --- | 2.00 | " | " | " | " | |
| Chloroform | ND | --- | 2.00 | " | " | " | " | |
| Chloromethane | ND | --- | 5.00 | " | " | " | " | |
| 2-Chlorotoluene | ND | --- | 0.500 | " | " | " | " | |
| 4-Chlorotoluene | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | --- | 5.00 | " | " | " | " | |
| Dibromochloromethane | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | --- | 0.500 | " | " | " | " | |
| Dibromomethane | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | --- | 0.500 | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | --- | 0.500 | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | --- | 0.500 | " | " | " | " | |
| Dichlorodifluoromethane | ND | --- | 1.00 | " | " | " | " | |
| 1,1-Dichloroethane | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | --- | 0.500 | " | " | " | " | |
| 1,1-Dichloroethene | ND | --- | 0.500 | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | --- | 0.500 | " | " | " | " | |

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Philip Nerenberg, Lab Director

Kennedy Jenks

200 SW Market St., Suite 500
 Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.20
 Project Manager: Gregg Bryden

Reported:
 10/08/08 14:54

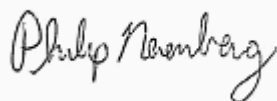
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|--------------------------------|--------------|-----|----------------------|-------|----------|---------------|-----------|-------|
| | | | Limit | Units | | | | |
| KJB-3-GW (A809272-06) | | | Matrix: Water | | | | | |
| trans-1,2-Dichloroethene | ND | --- | 0.500 | ug/L | 1 | " | EPA 8260B | |
| 1,2-Dichloropropane | ND | --- | 0.500 | " | " | " | " | |
| 1,3-Dichloropropane | ND | --- | 0.500 | " | " | " | " | |
| 2,2-Dichloropropane | ND | --- | 0.500 | " | " | " | " | |
| 1,1-Dichloropropene | ND | --- | 0.500 | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | --- | 1.00 | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | --- | 0.500 | " | " | " | " | |
| Ethylbenzene | ND | --- | 0.500 | " | " | " | " | |
| Hexachlorobutadiene | ND | --- | 5.00 | " | " | " | " | |
| 2-Hexanone | ND | --- | 10.0 | " | " | " | " | |
| Isopropylbenzene | ND | --- | 0.500 | " | " | " | " | |
| 4-Isopropyltoluene | ND | --- | 1.00 | " | " | " | " | |
| 4-Methyl-2-pentanone (MiBK) | ND | --- | 10.0 | " | " | " | " | |
| Methyl tert-butyl ether (MTBE) | ND | --- | 1.00 | " | " | " | " | |
| Methylene chloride | ND | --- | 5.00 | " | " | " | " | |
| Naphthalene | ND | --- | 5.00 | " | " | " | " | |
| n-Propylbenzene | ND | --- | 0.500 | " | " | " | " | |
| Styrene | ND | --- | 0.500 | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | --- | 0.500 | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | --- | 0.500 | " | " | " | " | |
| Tetrachloroethene (PCE) | 0.670 | --- | 0.500 | " | " | " | " | |
| Toluene | ND | --- | 1.00 | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | --- | 5.00 | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | --- | 5.00 | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | --- | 0.500 | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | --- | 0.500 | " | " | " | " | |
| Trichloroethene (TCE) | ND | --- | 0.500 | " | " | " | " | |
| Trichlorofluoromethane | ND | --- | 1.00 | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | --- | 1.00 | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | --- | 1.00 | " | " | " | " | |

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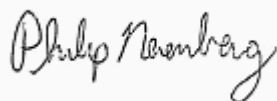
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|---|--------|------------------------|----------------------|-------------------------|----------|----------------|------------|-------|
| | | | Limit | Units | | | | |
| KJB-3-GW (A809272-06) | | | Matrix: Water | | | | | |
| 1,3,5-Trimethylbenzene | ND | --- | 1.00 | ug/L | 1 | " | EPA 8260B | |
| Vinyl chloride | ND | --- | 0.500 | " | " | " | " | |
| m,p-Xylene | ND | --- | 1.00 | " | " | " | " | |
| o-Xylene | ND | --- | 0.500 | " | " | " | " | |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> | | <i>Recovery: 106 %</i> | | <i>Limits: 80-120 %</i> | | " | " | " |
| <i>1,4-Difluorobenzene (Surr)</i> | | <i>100 %</i> | | <i>Limits: 80-120 %</i> | | " | " | " |
| <i>Toluene-d8 (Surr)</i> | | <i>96 %</i> | | <i>Limits: 80-120 %</i> | | " | " | " |
| <i>4-Bromofluorobenzene (Surr)</i> | | <i>110 %</i> | | <i>Limits: 80-120 %</i> | | " | " | " |
| KJB-1-19' (A809272-08) | | | Matrix: Soil | | | | | |
| Acetone | ND | --- | 1290 | ug/kg dry | 50 | 10/03/08 12:25 | 5035/8260B | |
| Benzene | ND | --- | 16.1 | " | " | " | " | |
| Bromobenzene | ND | --- | 32.2 | " | " | " | " | |
| Bromochloromethane | ND | --- | 32.2 | " | " | " | " | |
| Bromodichloromethane | ND | --- | 32.2 | " | " | " | " | |
| Bromoform | ND | --- | 64.4 | " | " | " | " | |
| Bromomethane | ND | --- | 644 | " | " | " | " | |
| 2-Butanone (MEK) | ND | --- | 644 | " | " | " | " | |
| n-Butylbenzene | ND | --- | 32.2 | " | " | " | " | |
| sec-Butylbenzene | ND | --- | 32.2 | " | " | " | " | |
| tert-Butylbenzene | ND | --- | 32.2 | " | " | " | " | |
| Carbon tetrachloride | ND | --- | 32.2 | " | " | " | " | |
| Chlorobenzene | ND | --- | 32.2 | " | " | " | " | |
| Chloroethane | ND | --- | 644 | " | " | " | " | |
| Chloroform | ND | --- | 322 | " | " | " | " | |
| Chloromethane | ND | --- | 322 | " | " | " | " | |
| 2-Chlorotoluene | ND | --- | 32.2 | " | " | " | " | |
| 4-Chlorotoluene | ND | --- | 32.2 | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | --- | 129 | " | " | " | " | |
| Dibromochloromethane | ND | --- | 64.4 | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | --- | 32.2 | " | " | " | " | |

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Project Number: 0792027.20
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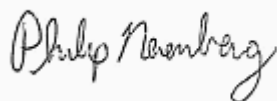
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|--------------------------------|--------|-----|---------------------|-----------|----------|---------------|------------|-------|
| | | | Limit | Units | | | | |
| KJB-1-19' (A809272-08) | | | Matrix: Soil | | | | | |
| Dibromomethane | ND | --- | 32.2 | ug/kg dry | 50 | " | 5035/8260B | |
| 1,2-Dichlorobenzene | ND | --- | 32.2 | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | --- | 32.2 | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | --- | 32.2 | " | " | " | " | |
| Dichlorodifluoromethane | ND | --- | 64.4 | " | " | " | " | |
| 1,1-Dichloroethane | ND | --- | 32.2 | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | --- | 32.2 | " | " | " | " | |
| 1,1-Dichloroethene | ND | --- | 32.2 | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | --- | 32.2 | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | --- | 32.2 | " | " | " | " | |
| 1,2-Dichloropropane | ND | --- | 32.2 | " | " | " | " | |
| 1,3-Dichloropropane | ND | --- | 32.2 | " | " | " | " | |
| 2,2-Dichloropropane | ND | --- | 64.4 | " | " | " | " | |
| 1,1-Dichloropropene | ND | --- | 32.2 | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | --- | 64.4 | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | --- | 64.4 | " | " | " | " | |
| Ethylbenzene | ND | --- | 32.2 | " | " | " | " | |
| Hexachlorobutadiene | ND | --- | 129 | " | " | " | " | |
| 2-Hexanone | ND | --- | 644 | " | " | " | " | |
| Isopropylbenzene | ND | --- | 32.2 | " | " | " | " | |
| 4-Isopropyltoluene | ND | --- | 32.2 | " | " | " | " | |
| 4-Methyl-2-pentanone (MiBK) | ND | --- | 644 | " | " | " | " | |
| Methyl tert-butyl ether (MTBE) | ND | --- | 64.4 | " | " | " | " | |
| Methylene chloride | ND | --- | 322 | " | " | " | " | |
| Naphthalene | ND | --- | 322 | " | " | " | " | |
| n-Propylbenzene | ND | --- | 32.2 | " | " | " | " | |
| Styrene | ND | --- | 32.2 | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | --- | 64.4 | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | --- | 32.2 | " | " | " | " | |
| Tetrachloroethene (PCE) | ND | --- | 32.2 | " | " | " | " | |

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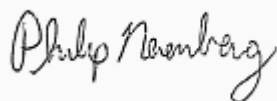
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|---|--------|-----|-----------------------|-------------------------|----------|----------------|------------|-------|
| | | | Limit | Units | | | | |
| KJB-1-19' (A809272-08) | | | Matrix: Soil | | | | | |
| Toluene | ND | --- | 129 | ug/kg dry | 50 | " | 5035/8260B | |
| 1,2,3-Trichlorobenzene | ND | --- | 129 | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | --- | 129 | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | --- | 64.4 | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | --- | 32.2 | " | " | " | " | |
| Trichloroethene (TCE) | ND | --- | 32.2 | " | " | " | " | |
| Trichlorofluoromethane | ND | --- | 322 | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | --- | 64.4 | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | --- | 64.4 | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | --- | 64.4 | " | " | " | " | |
| Vinyl chloride | ND | --- | 32.2 | " | " | " | " | |
| m,p-Xylene | ND | --- | 64.4 | " | " | " | " | |
| o-Xylene | ND | --- | 32.2 | " | " | " | " | |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> | | | <i>Recovery: 94 %</i> | <i>Limits: 70-130 %</i> | 1 | " | " | |
| <i>1,4-Difluorobenzene (Surr)</i> | | | <i>101 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>Toluene-d8 (Surr)</i> | | | <i>96 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>4-Bromofluorobenzene (Surr)</i> | | | <i>98 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| KJB-4-7' (A809272-09) | | | Matrix: Soil | | | | | |
| Acetone | ND | --- | 1520 | ug/kg dry | 50 | 10/03/08 17:25 | 5035/8260B | |
| Benzene | ND | --- | 19.0 | " | " | " | " | |
| Bromobenzene | ND | --- | 37.9 | " | " | " | " | |
| Bromochloromethane | ND | --- | 37.9 | " | " | " | " | |
| Bromodichloromethane | ND | --- | 37.9 | " | " | " | " | |
| Bromoform | ND | --- | 75.9 | " | " | " | " | |
| Bromomethane | ND | --- | 759 | " | " | " | " | |
| 2-Butanone (MEK) | ND | --- | 759 | " | " | " | " | |
| n-Butylbenzene | ND | --- | 37.9 | " | " | " | " | |
| sec-Butylbenzene | ND | --- | 37.9 | " | " | " | " | |
| tert-Butylbenzene | ND | --- | 37.9 | " | " | " | " | |
| Carbon tetrachloride | ND | --- | 37.9 | " | " | " | " | |

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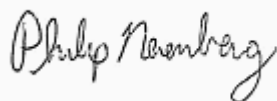
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|------------------------------|--------|-----|---------------------|-----------|----------|---------------|------------|-------|
| | | | Limit | Units | | | | |
| | | | Matrix: Soil | | | | | |
| KJB-4-7' (A809272-09) | | | | | | | | |
| Chlorobenzene | ND | --- | 37.9 | ug/kg dry | 50 | " | 5035/8260B | |
| Chloroethane | ND | --- | 759 | " | " | " | " | |
| Chloroform | ND | --- | 379 | " | " | " | " | |
| Chloromethane | ND | --- | 379 | " | " | " | " | |
| 2-Chlorotoluene | ND | --- | 37.9 | " | " | " | " | |
| 4-Chlorotoluene | ND | --- | 37.9 | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | --- | 152 | " | " | " | " | |
| Dibromochloromethane | ND | --- | 75.9 | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | --- | 37.9 | " | " | " | " | |
| Dibromomethane | ND | --- | 37.9 | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | --- | 37.9 | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | --- | 37.9 | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | --- | 37.9 | " | " | " | " | |
| Dichlorodifluoromethane | ND | --- | 75.9 | " | " | " | " | |
| 1,1-Dichloroethane | ND | --- | 37.9 | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | --- | 37.9 | " | " | " | " | |
| 1,1-Dichloroethene | ND | --- | 37.9 | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | --- | 37.9 | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | --- | 37.9 | " | " | " | " | |
| 1,2-Dichloropropane | ND | --- | 37.9 | " | " | " | " | |
| 1,3-Dichloropropane | ND | --- | 37.9 | " | " | " | " | |
| 2,2-Dichloropropane | ND | --- | 75.9 | " | " | " | " | |
| 1,1-Dichloropropene | ND | --- | 37.9 | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | --- | 75.9 | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | --- | 75.9 | " | " | " | " | |
| Ethylbenzene | ND | --- | 37.9 | " | " | " | " | |
| Hexachlorobutadiene | ND | --- | 152 | " | " | " | " | |
| 2-Hexanone | ND | --- | 759 | " | " | " | " | |
| Isopropylbenzene | ND | --- | 37.9 | " | " | " | " | |
| 4-Isopropyltoluene | ND | --- | 37.9 | " | " | " | " | |

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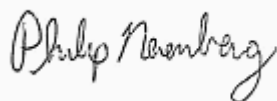
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Date Analyzed | Method | Notes |
|---|--------|-----|-----------------------|-------------------------|----------|---------------|------------|-------|
| KJB-4-7' (A809272-09) Matrix: Soil | | | | | | | | |
| 4-Methyl-2-pentanone (MiBK) | ND | --- | 759 | ug/kg dry | 50 | " | 5035/8260B | |
| Methyl tert-butyl ether (MTBE) | ND | --- | 75.9 | " | " | " | " | |
| Methylene chloride | ND | --- | 379 | " | " | " | " | |
| Naphthalene | ND | --- | 379 | " | " | " | " | |
| n-Propylbenzene | ND | --- | 37.9 | " | " | " | " | |
| Styrene | ND | --- | 37.9 | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | --- | 75.9 | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | --- | 37.9 | " | " | " | " | |
| Tetrachloroethene (PCE) | ND | --- | 37.9 | " | " | " | " | |
| Toluene | ND | --- | 152 | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | --- | 152 | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | --- | 152 | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | --- | 75.9 | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | --- | 37.9 | " | " | " | " | |
| Trichloroethene (TCE) | ND | --- | 37.9 | " | " | " | " | |
| Trichlorofluoromethane | ND | --- | 379 | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | --- | 75.9 | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | --- | 75.9 | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | --- | 75.9 | " | " | " | " | |
| Vinyl chloride | ND | --- | 37.9 | " | " | " | " | |
| m,p-Xylene | ND | --- | 75.9 | " | " | " | " | |
| o-Xylene | ND | --- | 37.9 | " | " | " | " | |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> | | | <i>Recovery: 94 %</i> | <i>Limits: 70-130 %</i> | 1 | " | " | |
| <i>1,4-Difluorobenzene (Surr)</i> | | | <i>100 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>Toluene-d8 (Surr)</i> | | | <i>94 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>4-Bromofluorobenzene (Surr)</i> | | | <i>98 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |

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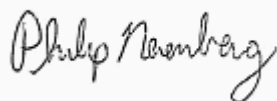
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|-------------------------------|--------|-----|---------------------|-----------|----------|----------------|------------|-------|
| | | | Limit | Units | | | | |
| KJB-4-20' (A809272-10) | | | Matrix: Soil | | | | | |
| Acetone | ND | --- | 1590 | ug/kg dry | 50 | 10/03/08 17:53 | 5035/8260B | |
| Benzene | ND | --- | 19.8 | " | " | " | " | |
| Bromobenzene | ND | --- | 39.6 | " | " | " | " | |
| Bromochloromethane | ND | --- | 39.6 | " | " | " | " | |
| Bromodichloromethane | ND | --- | 39.6 | " | " | " | " | |
| Bromoform | ND | --- | 79.3 | " | " | " | " | |
| Bromomethane | ND | --- | 793 | " | " | " | " | |
| 2-Butanone (MEK) | ND | --- | 793 | " | " | " | " | |
| n-Butylbenzene | ND | --- | 39.6 | " | " | " | " | |
| sec-Butylbenzene | ND | --- | 39.6 | " | " | " | " | |
| tert-Butylbenzene | ND | --- | 39.6 | " | " | " | " | |
| Carbon tetrachloride | ND | --- | 39.6 | " | " | " | " | |
| Chlorobenzene | ND | --- | 39.6 | " | " | " | " | |
| Chloroethane | ND | --- | 793 | " | " | " | " | |
| Chloroform | ND | --- | 396 | " | " | " | " | |
| Chloromethane | ND | --- | 396 | " | " | " | " | |
| 2-Chlorotoluene | ND | --- | 39.6 | " | " | " | " | |
| 4-Chlorotoluene | ND | --- | 39.6 | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | --- | 159 | " | " | " | " | |
| Dibromochloromethane | ND | --- | 79.3 | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | --- | 39.6 | " | " | " | " | |
| Dibromomethane | ND | --- | 39.6 | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | --- | 39.6 | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | --- | 39.6 | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | --- | 39.6 | " | " | " | " | |
| Dichlorodifluoromethane | ND | --- | 79.3 | " | " | " | " | |
| 1,1-Dichloroethane | ND | --- | 39.6 | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | --- | 39.6 | " | " | " | " | |
| 1,1-Dichloroethene | ND | --- | 39.6 | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | --- | 39.6 | " | " | " | " | |

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Philip Nerenberg, Lab Director

Kennedy Jenks

200 SW Market St., Suite 500
 Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.20
 Project Manager: Gregg Bryden

Reported:

10/08/08 14:54

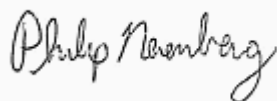
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|--------------------------------|--------|-----|---------------------|-----------|----------|---------------|------------|-------|
| | | | Limit | Units | | | | |
| KJB-4-20' (A809272-10) | | | Matrix: Soil | | | | | |
| trans-1,2-Dichloroethene | ND | --- | 39.6 | ug/kg dry | 50 | " | 5035/8260B | |
| 1,2-Dichloropropane | ND | --- | 39.6 | " | " | " | " | |
| 1,3-Dichloropropane | ND | --- | 39.6 | " | " | " | " | |
| 2,2-Dichloropropane | ND | --- | 79.3 | " | " | " | " | |
| 1,1-Dichloropropene | ND | --- | 39.6 | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | --- | 79.3 | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | --- | 79.3 | " | " | " | " | |
| Ethylbenzene | ND | --- | 39.6 | " | " | " | " | |
| Hexachlorobutadiene | ND | --- | 159 | " | " | " | " | |
| 2-Hexanone | ND | --- | 793 | " | " | " | " | |
| Isopropylbenzene | ND | --- | 39.6 | " | " | " | " | |
| 4-Isopropyltoluene | ND | --- | 39.6 | " | " | " | " | |
| 4-Methyl-2-pentanone (MiBK) | ND | --- | 793 | " | " | " | " | |
| Methyl tert-butyl ether (MTBE) | ND | --- | 79.3 | " | " | " | " | |
| Methylene chloride | ND | --- | 396 | " | " | " | " | |
| Naphthalene | ND | --- | 396 | " | " | " | " | |
| n-Propylbenzene | ND | --- | 39.6 | " | " | " | " | |
| Styrene | ND | --- | 39.6 | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | --- | 79.3 | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | --- | 39.6 | " | " | " | " | |
| Tetrachloroethene (PCE) | ND | --- | 39.6 | " | " | " | " | |
| Toluene | ND | --- | 159 | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | --- | 159 | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | --- | 159 | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | --- | 79.3 | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | --- | 39.6 | " | " | " | " | |
| Trichloroethene (TCE) | ND | --- | 39.6 | " | " | " | " | |
| Trichlorofluoromethane | ND | --- | 396 | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | --- | 79.3 | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | --- | 79.3 | " | " | " | " | |

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Project Number: 0792027.20
 Project Manager: Gregg Bryden

Reported:
 10/08/08 14:54

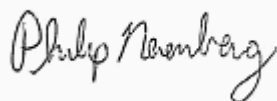
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|---|--------|-----|-----------------------|-------------------------|----------|----------------|------------|-------|
| | | | Limit | Units | | | | |
| KJB-4-20' (A809272-10) | | | Matrix: Soil | | | | | |
| 1,3,5-Trimethylbenzene | ND | --- | 79.3 | ug/kg dry | 50 | " | 5035/8260B | |
| Vinyl chloride | ND | --- | 39.6 | " | " | " | " | |
| m,p-Xylene | ND | --- | 79.3 | " | " | " | " | |
| o-Xylene | ND | --- | 39.6 | " | " | " | " | |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> | | | <i>Recovery: 95 %</i> | <i>Limits: 70-130 %</i> | 1 | " | " | |
| <i>1,4-Difluorobenzene (Surr)</i> | | | <i>100 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>Toluene-d8 (Surr)</i> | | | <i>96 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>4-Bromofluorobenzene (Surr)</i> | | | <i>100 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| KJB-1-GW (A809272-11) | | | Matrix: Water | | | | | |
| Acetone | ND | --- | 20.0 | ug/L | 1 | 09/26/08 16:38 | EPA 8260B | |
| Benzene | ND | --- | 0.250 | " | " | " | " | |
| Bromobenzene | ND | --- | 0.500 | " | " | " | " | |
| Bromochloromethane | ND | --- | 0.500 | " | " | " | " | |
| Bromodichloromethane | ND | --- | 0.500 | " | " | " | " | |
| Bromoform | ND | --- | 1.00 | " | " | " | " | |
| Bromomethane | ND | --- | 5.00 | " | " | " | " | |
| 2-Butanone (MEK) | ND | --- | 10.0 | " | " | " | " | |
| n-Butylbenzene | ND | --- | 1.00 | " | " | " | " | |
| sec-Butylbenzene | ND | --- | 10.0 | " | " | " | " | |
| tert-Butylbenzene | ND | --- | 0.500 | " | " | " | " | |
| Carbon tetrachloride | ND | --- | 0.500 | " | " | " | " | |
| Chlorobenzene | ND | --- | 0.500 | " | " | " | " | |
| Chloroethane | ND | --- | 2.00 | " | " | " | " | |
| Chloroform | ND | --- | 2.00 | " | " | " | " | |
| Chloromethane | ND | --- | 5.00 | " | " | " | " | |
| 2-Chlorotoluene | ND | --- | 0.500 | " | " | " | " | |
| 4-Chlorotoluene | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | --- | 5.00 | " | " | " | " | |
| Dibromochloromethane | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | --- | 0.500 | " | " | " | " | |

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 Portland, OR 97201

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Project Number: 0792027.20
 Project Manager: Gregg Bryden

Reported:
 10/08/08 14:54

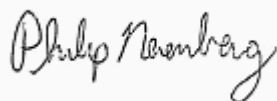
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|--------------------------------|--------|-----|----------------------|-------|----------|---------------|-----------|-------|
| | | | Limit | Units | | | | |
| KJB-1-GW (A809272-11) | | | Matrix: Water | | | | | |
| Dibromomethane | ND | --- | 0.500 | ug/L | 1 | " | EPA 8260B | |
| 1,2-Dichlorobenzene | ND | --- | 0.500 | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | --- | 0.500 | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | --- | 0.500 | " | " | " | " | |
| Dichlorodifluoromethane | ND | --- | 1.00 | " | " | " | " | |
| 1,1-Dichloroethane | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | --- | 0.500 | " | " | " | " | |
| 1,1-Dichloroethene | ND | --- | 0.500 | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | --- | 0.500 | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dichloropropane | ND | --- | 0.500 | " | " | " | " | |
| 1,3-Dichloropropane | ND | --- | 0.500 | " | " | " | " | |
| 2,2-Dichloropropane | ND | --- | 0.500 | " | " | " | " | |
| 1,1-Dichloropropene | ND | --- | 0.500 | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | --- | 1.00 | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | --- | 0.500 | " | " | " | " | |
| Ethylbenzene | ND | --- | 0.500 | " | " | " | " | |
| Hexachlorobutadiene | ND | --- | 5.00 | " | " | " | " | |
| 2-Hexanone | ND | --- | 10.0 | " | " | " | " | |
| Isopropylbenzene | ND | --- | 0.500 | " | " | " | " | |
| 4-Isopropyltoluene | ND | --- | 1.00 | " | " | " | " | |
| 4-Methyl-2-pentanone (MiBK) | ND | --- | 10.0 | " | " | " | " | |
| Methyl tert-butyl ether (MTBE) | ND | --- | 1.00 | " | " | " | " | |
| Methylene chloride | ND | --- | 5.00 | " | " | " | " | |
| Naphthalene | ND | --- | 5.00 | " | " | " | " | |
| n-Propylbenzene | ND | --- | 0.500 | " | " | " | " | |
| Styrene | ND | --- | 0.500 | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | --- | 0.500 | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | --- | 0.500 | " | " | " | " | |
| Tetrachloroethene (PCE) | ND | --- | 0.500 | " | " | " | " | |

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 Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.20
 Project Manager: Gregg Bryden

Reported:

10/08/08 14:54

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

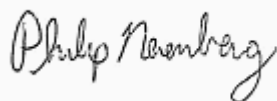
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Date Analyzed | Method | Notes |
|---|-------------|------------------------|----------------------|-------------------------|----------|---------------|-----------|-------|
| KJB-1-GW (A809272-11) | | | Matrix: Water | | | | | |
| Toluene | 1.11 | --- | 1.00 | ug/L | 1 | " | EPA 8260B | |
| 1,2,3-Trichlorobenzene | ND | --- | 5.00 | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | --- | 5.00 | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | --- | 0.500 | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | --- | 0.500 | " | " | " | " | |
| Trichloroethene (TCE) | ND | --- | 0.500 | " | " | " | " | |
| Trichlorofluoromethane | ND | --- | 1.00 | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | --- | 1.00 | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | --- | 1.00 | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | --- | 1.00 | " | " | " | " | |
| Vinyl chloride | ND | --- | 0.500 | " | " | " | " | |
| m,p-Xylene | ND | --- | 1.00 | " | " | " | " | |
| o-Xylene | ND | --- | 0.500 | " | " | " | " | |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> | | <i>Recovery: 114 %</i> | | <i>Limits: 80-120 %</i> | | " | " | " |
| <i>1,4-Difluorobenzene (Surr)</i> | | <i>108 %</i> | | <i>Limits: 80-120 %</i> | | " | " | " |
| <i>Toluene-d8 (Surr)</i> | | <i>97 %</i> | | <i>Limits: 80-120 %</i> | | " | " | " |
| <i>4-Bromofluorobenzene (Surr)</i> | | <i>110 %</i> | | <i>Limits: 80-120 %</i> | | " | " | " |

KJB-4-GW (A809272-12)

Matrix: Water

| | | | | | | | | |
|----------------------|----|-----|-------|------|---|----------------|-----------|--|
| Acetone | ND | --- | 20.0 | ug/L | 1 | 10/01/08 13:45 | EPA 8260B | |
| Benzene | ND | --- | 0.250 | " | " | " | " | |
| Bromobenzene | ND | --- | 0.500 | " | " | " | " | |
| Bromochloromethane | ND | --- | 0.500 | " | " | " | " | |
| Bromodichloromethane | ND | --- | 0.500 | " | " | " | " | |
| Bromoform | ND | --- | 1.00 | " | " | " | " | |
| Bromomethane | ND | --- | 5.00 | " | " | " | " | |
| 2-Butanone (MEK) | ND | --- | 10.0 | " | " | " | " | |
| n-Butylbenzene | ND | --- | 1.00 | " | " | " | " | |
| sec-Butylbenzene | ND | --- | 10.0 | " | " | " | " | |
| tert-Butylbenzene | ND | --- | 0.500 | " | " | " | " | |
| Carbon tetrachloride | ND | --- | 0.500 | " | " | " | " | |

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Project: **Former Apex Winery**

Project Number: 0792027.20
 Project Manager: Gregg Bryden

Reported:
 10/08/08 14:54

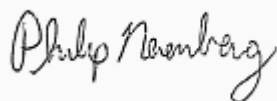
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|------------------------------|--------|-----|----------------------|-------|----------|---------------|-----------|-------|
| | | | Limit | Units | | | | |
| KJB-4-GW (A809272-12) | | | Matrix: Water | | | | | |
| Chlorobenzene | ND | --- | 0.500 | ug/L | 1 | " | EPA 8260B | |
| Chloroethane | ND | --- | 2.00 | " | " | " | " | |
| Chloroform | ND | --- | 2.00 | " | " | " | " | |
| Chloromethane | ND | --- | 5.00 | " | " | " | " | |
| 2-Chlorotoluene | ND | --- | 0.500 | " | " | " | " | |
| 4-Chlorotoluene | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | --- | 5.00 | " | " | " | " | |
| Dibromochloromethane | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | --- | 0.500 | " | " | " | " | |
| Dibromomethane | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | --- | 0.500 | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | --- | 0.500 | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | --- | 0.500 | " | " | " | " | |
| Dichlorodifluoromethane | ND | --- | 1.00 | " | " | " | " | |
| 1,1-Dichloroethane | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | --- | 0.500 | " | " | " | " | |
| 1,1-Dichloroethene | ND | --- | 0.500 | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | --- | 0.500 | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dichloropropane | ND | --- | 0.500 | " | " | " | " | |
| 1,3-Dichloropropane | ND | --- | 0.500 | " | " | " | " | |
| 2,2-Dichloropropane | ND | --- | 0.500 | " | " | " | " | |
| 1,1-Dichloropropene | ND | --- | 0.500 | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | --- | 1.00 | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | --- | 0.500 | " | " | " | " | |
| Ethylbenzene | ND | --- | 0.500 | " | " | " | " | |
| Hexachlorobutadiene | ND | --- | 5.00 | " | " | " | " | |
| 2-Hexanone | ND | --- | 10.0 | " | " | " | " | |
| Isopropylbenzene | ND | --- | 0.500 | " | " | " | " | |
| 4-Isopropyltoluene | ND | --- | 1.00 | " | " | " | " | |

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 10/08/08 14:54

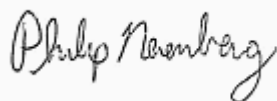
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Date Analyzed | Method | Notes |
|---|--------------|-----|------------------------|-------------------------|----------|---------------|-----------|-------|
| KJB-4-GW (A809272-12) | | | | | | | | |
| Matrix: Water | | | | | | | | |
| 4-Methyl-2-pentanone (MiBK) | ND | --- | 10.0 | ug/L | 1 | " | EPA 8260B | |
| Methyl tert-butyl ether (MTBE) | ND | --- | 1.00 | " | " | " | " | |
| Methylene chloride | ND | --- | 5.00 | " | " | " | " | |
| Naphthalene | ND | --- | 5.00 | " | " | " | " | |
| n-Propylbenzene | ND | --- | 0.500 | " | " | " | " | |
| Styrene | ND | --- | 0.500 | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | --- | 0.500 | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | --- | 0.500 | " | " | " | " | |
| Tetrachloroethene (PCE) | 0.850 | --- | 0.500 | " | " | " | " | |
| Toluene | ND | --- | 1.00 | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | --- | 5.00 | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | --- | 5.00 | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | --- | 0.500 | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | --- | 0.500 | " | " | " | " | |
| Trichloroethene (TCE) | ND | --- | 0.500 | " | " | " | " | |
| Trichlorofluoromethane | ND | --- | 1.00 | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | --- | 1.00 | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | --- | 1.00 | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | --- | 1.00 | " | " | " | " | |
| Vinyl chloride | ND | --- | 0.500 | " | " | " | " | |
| m,p-Xylene | ND | --- | 1.00 | " | " | " | " | |
| o-Xylene | ND | --- | 0.500 | " | " | " | " | |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> | | | <i>Recovery: 108 %</i> | <i>Limits: 80-120 %</i> | " | " | " | |
| <i>1,4-Difluorobenzene (Surr)</i> | | | <i>100 %</i> | <i>Limits: 80-120 %</i> | " | " | " | |
| <i>Toluene-d8 (Surr)</i> | | | <i>94 %</i> | <i>Limits: 80-120 %</i> | " | " | " | |
| <i>4-Bromofluorobenzene (Surr)</i> | | | <i>118 %</i> | <i>Limits: 80-120 %</i> | " | " | " | |

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Philip Nerenberg, Lab Director

Kennedy Jenks

200 SW Market St., Suite 500
 Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.20
 Project Manager: Gregg Bryden

Reported:
 10/08/08 14:54

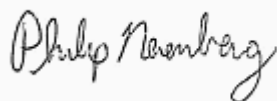
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|------------------------------|--------|-----|---------------------|-----------|----------|----------------|------------|-------|
| | | | Limit | Units | | | | |
| KJB-6-7' (A809272-13) | | | Matrix: Soil | | | | | |
| Acetone | ND | --- | 1310 | ug/kg dry | 50 | 10/03/08 18:21 | 5035/8260B | |
| Benzene | ND | --- | 16.4 | " | " | " | " | |
| Bromobenzene | ND | --- | 32.7 | " | " | " | " | |
| Bromochloromethane | ND | --- | 32.7 | " | " | " | " | |
| Bromodichloromethane | ND | --- | 32.7 | " | " | " | " | |
| Bromoform | ND | --- | 65.5 | " | " | " | " | |
| Bromomethane | ND | --- | 655 | " | " | " | " | |
| 2-Butanone (MEK) | ND | --- | 655 | " | " | " | " | |
| n-Butylbenzene | ND | --- | 32.7 | " | " | " | " | |
| sec-Butylbenzene | ND | --- | 32.7 | " | " | " | " | |
| tert-Butylbenzene | ND | --- | 32.7 | " | " | " | " | |
| Carbon tetrachloride | ND | --- | 32.7 | " | " | " | " | |
| Chlorobenzene | ND | --- | 32.7 | " | " | " | " | |
| Chloroethane | ND | --- | 655 | " | " | " | " | |
| Chloroform | ND | --- | 327 | " | " | " | " | |
| Chloromethane | ND | --- | 327 | " | " | " | " | |
| 2-Chlorotoluene | ND | --- | 32.7 | " | " | " | " | |
| 4-Chlorotoluene | ND | --- | 32.7 | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | --- | 131 | " | " | " | " | |
| Dibromochloromethane | ND | --- | 65.5 | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | --- | 32.7 | " | " | " | " | |
| Dibromomethane | ND | --- | 32.7 | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | --- | 32.7 | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | --- | 32.7 | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | --- | 32.7 | " | " | " | " | |
| Dichlorodifluoromethane | ND | --- | 65.5 | " | " | " | " | |
| 1,1-Dichloroethane | ND | --- | 32.7 | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | --- | 32.7 | " | " | " | " | |
| 1,1-Dichloroethene | ND | --- | 32.7 | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | --- | 32.7 | " | " | " | " | |

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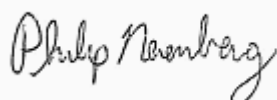
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|--------------------------------|--------|-----|---------------------|-----------|----------|---------------|------------|-------|
| | | | Limit | Units | | | | |
| | | | Matrix: Soil | | | | | |
| trans-1,2-Dichloroethene | ND | --- | 32.7 | ug/kg dry | 50 | " | 5035/8260B | |
| 1,2-Dichloropropane | ND | --- | 32.7 | " | " | " | " | |
| 1,3-Dichloropropane | ND | --- | 32.7 | " | " | " | " | |
| 2,2-Dichloropropane | ND | --- | 65.5 | " | " | " | " | |
| 1,1-Dichloropropene | ND | --- | 32.7 | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | --- | 65.5 | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | --- | 65.5 | " | " | " | " | |
| Ethylbenzene | ND | --- | 32.7 | " | " | " | " | |
| Hexachlorobutadiene | ND | --- | 131 | " | " | " | " | |
| 2-Hexanone | ND | --- | 655 | " | " | " | " | |
| Isopropylbenzene | ND | --- | 32.7 | " | " | " | " | |
| 4-Isopropyltoluene | ND | --- | 32.7 | " | " | " | " | |
| 4-Methyl-2-pentanone (MiBK) | ND | --- | 655 | " | " | " | " | |
| Methyl tert-butyl ether (MTBE) | ND | --- | 65.5 | " | " | " | " | |
| Methylene chloride | ND | --- | 327 | " | " | " | " | |
| Naphthalene | ND | --- | 327 | " | " | " | " | |
| n-Propylbenzene | ND | --- | 32.7 | " | " | " | " | |
| Styrene | ND | --- | 32.7 | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | --- | 65.5 | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | --- | 32.7 | " | " | " | " | |
| Tetrachloroethene (PCE) | ND | --- | 32.7 | " | " | " | " | |
| Toluene | ND | --- | 131 | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | --- | 131 | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | --- | 131 | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | --- | 65.5 | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | --- | 32.7 | " | " | " | " | |
| Trichloroethene (TCE) | ND | --- | 32.7 | " | " | " | " | |
| Trichlorofluoromethane | ND | --- | 327 | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | --- | 65.5 | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | --- | 65.5 | " | " | " | " | |

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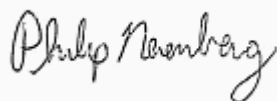
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|---|--------|-----|-----------------------|-------------------------|----------|----------------|------------|-------|
| | | | Limit | Units | | | | |
| | | | Matrix: Soil | | | | | |
| KJB-6-7' (A809272-13) | | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | --- | 65.5 | ug/kg dry | 50 | " | 5035/8260B | |
| Vinyl chloride | ND | --- | 32.7 | " | " | " | " | |
| m,p-Xylene | ND | --- | 65.5 | " | " | " | " | |
| o-Xylene | ND | --- | 32.7 | " | " | " | " | |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> | | | <i>Recovery: 93 %</i> | <i>Limits: 70-130 %</i> | 1 | " | " | |
| <i>1,4-Difluorobenzene (Surr)</i> | | | <i>100 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>Toluene-d8 (Surr)</i> | | | <i>96 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>4-Bromofluorobenzene (Surr)</i> | | | <i>98 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| | | | Matrix: Soil | | | | | |
| KJB-6-17.5' (A809272-14) | | | | | | | | |
| Acetone | ND | --- | 1280 | ug/kg dry | 50 | 10/03/08 18:48 | 5035/8260B | |
| Benzene | ND | --- | 16.1 | " | " | " | " | |
| Bromobenzene | ND | --- | 32.1 | " | " | " | " | |
| Bromochloromethane | ND | --- | 32.1 | " | " | " | " | |
| Bromodichloromethane | ND | --- | 32.1 | " | " | " | " | |
| Bromoform | ND | --- | 64.2 | " | " | " | " | |
| Bromomethane | ND | --- | 642 | " | " | " | " | |
| 2-Butanone (MEK) | ND | --- | 642 | " | " | " | " | |
| n-Butylbenzene | ND | --- | 32.1 | " | " | " | " | |
| sec-Butylbenzene | ND | --- | 32.1 | " | " | " | " | |
| tert-Butylbenzene | ND | --- | 32.1 | " | " | " | " | |
| Carbon tetrachloride | ND | --- | 32.1 | " | " | " | " | |
| Chlorobenzene | ND | --- | 32.1 | " | " | " | " | |
| Chloroethane | ND | --- | 642 | " | " | " | " | |
| Chloroform | ND | --- | 321 | " | " | " | " | |
| Chloromethane | ND | --- | 321 | " | " | " | " | |
| 2-Chlorotoluene | ND | --- | 32.1 | " | " | " | " | |
| 4-Chlorotoluene | ND | --- | 32.1 | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | --- | 128 | " | " | " | " | |
| Dibromochloromethane | ND | --- | 64.2 | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | --- | 32.1 | " | " | " | " | |

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Project: **Former Apex Winery**

Project Number: 0792027.20
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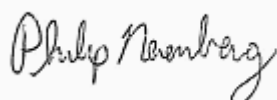
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|---------------------------------|--------|-----|---------------------|-----------|----------|---------------|------------|-------|
| | | | Limit | Units | | | | |
| | | | Matrix: Soil | | | | | |
| KJB-6-17.5' (A809272-14) | | | | | | | | |
| Dibromomethane | ND | --- | 32.1 | ug/kg dry | 50 | " | 5035/8260B | |
| 1,2-Dichlorobenzene | ND | --- | 32.1 | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | --- | 32.1 | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | --- | 32.1 | " | " | " | " | |
| Dichlorodifluoromethane | ND | --- | 64.2 | " | " | " | " | |
| 1,1-Dichloroethane | ND | --- | 32.1 | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | --- | 32.1 | " | " | " | " | |
| 1,1-Dichloroethene | ND | --- | 32.1 | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | --- | 32.1 | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | --- | 32.1 | " | " | " | " | |
| 1,2-Dichloropropane | ND | --- | 32.1 | " | " | " | " | |
| 1,3-Dichloropropane | ND | --- | 32.1 | " | " | " | " | |
| 2,2-Dichloropropane | ND | --- | 64.2 | " | " | " | " | |
| 1,1-Dichloropropene | ND | --- | 32.1 | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | --- | 64.2 | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | --- | 64.2 | " | " | " | " | |
| Ethylbenzene | ND | --- | 32.1 | " | " | " | " | |
| Hexachlorobutadiene | ND | --- | 128 | " | " | " | " | |
| 2-Hexanone | ND | --- | 642 | " | " | " | " | |
| Isopropylbenzene | ND | --- | 32.1 | " | " | " | " | |
| 4-Isopropyltoluene | ND | --- | 32.1 | " | " | " | " | |
| 4-Methyl-2-pentanone (MiBK) | ND | --- | 642 | " | " | " | " | |
| Methyl tert-butyl ether (MTBE) | ND | --- | 64.2 | " | " | " | " | |
| Methylene chloride | ND | --- | 321 | " | " | " | " | |
| Naphthalene | ND | --- | 321 | " | " | " | " | |
| n-Propylbenzene | ND | --- | 32.1 | " | " | " | " | |
| Styrene | ND | --- | 32.1 | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | --- | 64.2 | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | --- | 32.1 | " | " | " | " | |
| Tetrachloroethene (PCE) | ND | --- | 32.1 | " | " | " | " | |

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Project Number: 0792027.20
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Reported:
 10/08/08 14:54

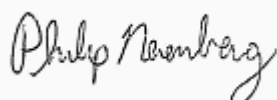
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|---|--------|-----|-----------------------|-------------------------|----------|----------------|------------|-------|
| | | | Limit | Units | | | | |
| | | | Matrix: Soil | | | | | |
| Toluene | ND | --- | 128 | ug/kg dry | 50 | " | 5035/8260B | |
| 1,2,3-Trichlorobenzene | ND | --- | 128 | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | --- | 128 | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | --- | 64.2 | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | --- | 32.1 | " | " | " | " | |
| Trichloroethene (TCE) | ND | --- | 32.1 | " | " | " | " | |
| Trichlorofluoromethane | ND | --- | 321 | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | --- | 64.2 | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | --- | 64.2 | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | --- | 64.2 | " | " | " | " | |
| Vinyl chloride | ND | --- | 32.1 | " | " | " | " | |
| m,p-Xylene | ND | --- | 64.2 | " | " | " | " | |
| o-Xylene | ND | --- | 32.1 | " | " | " | " | |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> | | | <i>Recovery: 92 %</i> | <i>Limits: 70-130 %</i> | 1 | " | " | |
| <i>1,4-Difluorobenzene (Surr)</i> | | | <i>101 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>Toluene-d8 (Surr)</i> | | | <i>95 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>4-Bromofluorobenzene (Surr)</i> | | | <i>100 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| | | | Matrix: Water | | | | | |
| Acetone | ND | --- | 20.0 | ug/L | 1 | 10/01/08 14:15 | EPA 8260B | |
| Benzene | ND | --- | 0.250 | " | " | " | " | |
| Bromobenzene | ND | --- | 0.500 | " | " | " | " | |
| Bromochloromethane | ND | --- | 0.500 | " | " | " | " | |
| Bromodichloromethane | ND | --- | 0.500 | " | " | " | " | |
| Bromoform | ND | --- | 1.00 | " | " | " | " | |
| Bromomethane | ND | --- | 5.00 | " | " | " | " | |
| 2-Butanone (MEK) | ND | --- | 10.0 | " | " | " | " | |
| n-Butylbenzene | ND | --- | 1.00 | " | " | " | " | |
| sec-Butylbenzene | ND | --- | 10.0 | " | " | " | " | |
| tert-Butylbenzene | ND | --- | 0.500 | " | " | " | " | |
| Carbon tetrachloride | ND | --- | 0.500 | " | " | " | " | |

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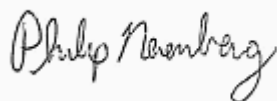
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|------------------------------|--------|-----|----------------------|-------|----------|---------------|-----------|-------|
| | | | Limit | Units | | | | |
| KJB-6-GW (A809272-15) | | | Matrix: Water | | | | | |
| Chlorobenzene | ND | --- | 0.500 | ug/L | 1 | " | EPA 8260B | |
| Chloroethane | ND | --- | 2.00 | " | " | " | " | |
| Chloroform | ND | --- | 2.00 | " | " | " | " | |
| Chloromethane | ND | --- | 5.00 | " | " | " | " | |
| 2-Chlorotoluene | ND | --- | 0.500 | " | " | " | " | |
| 4-Chlorotoluene | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | --- | 5.00 | " | " | " | " | |
| Dibromochloromethane | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | --- | 0.500 | " | " | " | " | |
| Dibromomethane | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | --- | 0.500 | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | --- | 0.500 | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | --- | 0.500 | " | " | " | " | |
| Dichlorodifluoromethane | ND | --- | 1.00 | " | " | " | " | |
| 1,1-Dichloroethane | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | --- | 0.500 | " | " | " | " | |
| 1,1-Dichloroethene | ND | --- | 0.500 | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | --- | 0.500 | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dichloropropane | ND | --- | 0.500 | " | " | " | " | |
| 1,3-Dichloropropane | ND | --- | 0.500 | " | " | " | " | |
| 2,2-Dichloropropane | ND | --- | 0.500 | " | " | " | " | |
| 1,1-Dichloropropene | ND | --- | 0.500 | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | --- | 1.00 | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | --- | 0.500 | " | " | " | " | |
| Ethylbenzene | ND | --- | 0.500 | " | " | " | " | |
| Hexachlorobutadiene | ND | --- | 5.00 | " | " | " | " | |
| 2-Hexanone | ND | --- | 10.0 | " | " | " | " | |
| Isopropylbenzene | ND | --- | 0.500 | " | " | " | " | |
| 4-Isopropyltoluene | ND | --- | 1.00 | " | " | " | " | |

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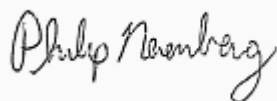
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|---|-------------|-----|------------------------|-------------------------|----------|---------------|-----------|-------|
| | | | Limit | Units | | | | |
| KJB-6-GW (A809272-15) | | | Matrix: Water | | | | | |
| 4-Methyl-2-pentanone (MiBK) | ND | --- | 10.0 | ug/L | 1 | " | EPA 8260B | |
| Methyl tert-butyl ether (MTBE) | ND | --- | 1.00 | " | " | " | " | |
| Methylene chloride | ND | --- | 5.00 | " | " | " | " | |
| Naphthalene | ND | --- | 5.00 | " | " | " | " | |
| n-Propylbenzene | ND | --- | 0.500 | " | " | " | " | |
| Styrene | ND | --- | 0.500 | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | --- | 0.500 | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | --- | 0.500 | " | " | " | " | |
| Tetrachloroethene (PCE) | 3.57 | --- | 0.500 | " | " | " | " | |
| Toluene | ND | --- | 1.00 | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | --- | 5.00 | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | --- | 5.00 | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | --- | 0.500 | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | --- | 0.500 | " | " | " | " | |
| Trichloroethene (TCE) | ND | --- | 0.500 | " | " | " | " | |
| Trichlorofluoromethane | ND | --- | 1.00 | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | --- | 1.00 | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | --- | 1.00 | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | --- | 1.00 | " | " | " | " | |
| Vinyl chloride | ND | --- | 0.500 | " | " | " | " | |
| m,p-Xylene | ND | --- | 1.00 | " | " | " | " | |
| o-Xylene | ND | --- | 0.500 | " | " | " | " | |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> | | | <i>Recovery: 106 %</i> | <i>Limits: 80-120 %</i> | " | " | " | |
| <i>1,4-Difluorobenzene (Surr)</i> | | | <i>102 %</i> | <i>Limits: 80-120 %</i> | " | " | " | |
| <i>Toluene-d8 (Surr)</i> | | | <i>97 %</i> | <i>Limits: 80-120 %</i> | " | " | " | |
| <i>4-Bromofluorobenzene (Surr)</i> | | | <i>116 %</i> | <i>Limits: 80-120 %</i> | " | " | " | |

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Philip Nerenberg, Lab Director

Kennedy Jenks

200 SW Market St., Suite 500
 Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.20
 Project Manager: Gregg Bryden

Reported:
 10/08/08 14:54

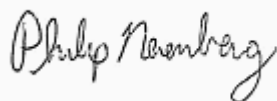
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|------------------------------|--------|-----|---------------------|-----------|----------|----------------|------------|-------|
| | | | Limit | Units | | | | |
| KJB-5-7' (A809272-16) | | | Matrix: Soil | | | | | |
| Acetone | ND | --- | 1330 | ug/kg dry | 50 | 10/03/08 19:16 | 5035/8260B | |
| Benzene | ND | --- | 16.6 | " | " | " | " | |
| Bromobenzene | ND | --- | 33.3 | " | " | " | " | |
| Bromochloromethane | ND | --- | 33.3 | " | " | " | " | |
| Bromodichloromethane | ND | --- | 33.3 | " | " | " | " | |
| Bromoform | ND | --- | 66.5 | " | " | " | " | |
| Bromomethane | ND | --- | 665 | " | " | " | " | |
| 2-Butanone (MEK) | ND | --- | 665 | " | " | " | " | |
| n-Butylbenzene | ND | --- | 33.3 | " | " | " | " | |
| sec-Butylbenzene | ND | --- | 33.3 | " | " | " | " | |
| tert-Butylbenzene | ND | --- | 33.3 | " | " | " | " | |
| Carbon tetrachloride | ND | --- | 33.3 | " | " | " | " | |
| Chlorobenzene | ND | --- | 33.3 | " | " | " | " | |
| Chloroethane | ND | --- | 665 | " | " | " | " | |
| Chloroform | ND | --- | 333 | " | " | " | " | |
| Chloromethane | ND | --- | 333 | " | " | " | " | |
| 2-Chlorotoluene | ND | --- | 33.3 | " | " | " | " | |
| 4-Chlorotoluene | ND | --- | 33.3 | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | --- | 133 | " | " | " | " | |
| Dibromochloromethane | ND | --- | 66.5 | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | --- | 33.3 | " | " | " | " | |
| Dibromomethane | ND | --- | 33.3 | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | --- | 33.3 | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | --- | 33.3 | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | --- | 33.3 | " | " | " | " | |
| Dichlorodifluoromethane | ND | --- | 66.5 | " | " | " | " | |
| 1,1-Dichloroethane | ND | --- | 33.3 | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | --- | 33.3 | " | " | " | " | |
| 1,1-Dichloroethene | ND | --- | 33.3 | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | --- | 33.3 | " | " | " | " | |

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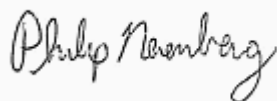
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|--------------------------------|--------|-----|---------------------|-----------|----------|---------------|------------|-------|
| | | | Limit | Units | | | | |
| | | | Matrix: Soil | | | | | |
| KJB-5-7' (A809272-16) | | | | | | | | |
| trans-1,2-Dichloroethene | ND | --- | 33.3 | ug/kg dry | 50 | " | 5035/8260B | |
| 1,2-Dichloropropane | ND | --- | 33.3 | " | " | " | " | |
| 1,3-Dichloropropane | ND | --- | 33.3 | " | " | " | " | |
| 2,2-Dichloropropane | ND | --- | 66.5 | " | " | " | " | |
| 1,1-Dichloropropene | ND | --- | 33.3 | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | --- | 66.5 | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | --- | 66.5 | " | " | " | " | |
| Ethylbenzene | ND | --- | 33.3 | " | " | " | " | |
| Hexachlorobutadiene | ND | --- | 133 | " | " | " | " | |
| 2-Hexanone | ND | --- | 665 | " | " | " | " | |
| Isopropylbenzene | ND | --- | 33.3 | " | " | " | " | |
| 4-Isopropyltoluene | ND | --- | 33.3 | " | " | " | " | |
| 4-Methyl-2-pentanone (MiBK) | ND | --- | 665 | " | " | " | " | |
| Methyl tert-butyl ether (MTBE) | ND | --- | 66.5 | " | " | " | " | |
| Methylene chloride | ND | --- | 333 | " | " | " | " | |
| Naphthalene | ND | --- | 333 | " | " | " | " | |
| n-Propylbenzene | ND | --- | 33.3 | " | " | " | " | |
| Styrene | ND | --- | 33.3 | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | --- | 66.5 | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | --- | 33.3 | " | " | " | " | |
| Tetrachloroethene (PCE) | ND | --- | 33.3 | " | " | " | " | |
| Toluene | ND | --- | 133 | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | --- | 133 | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | --- | 133 | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | --- | 66.5 | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | --- | 33.3 | " | " | " | " | |
| Trichloroethene (TCE) | ND | --- | 33.3 | " | " | " | " | |
| Trichlorofluoromethane | ND | --- | 333 | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | --- | 66.5 | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | --- | 66.5 | " | " | " | " | |

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Project Number: 0792027.20
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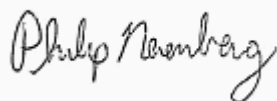
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|---|--------|-----|-----------------------|-------------------------|----------|----------------|------------|-------|
| | | | Limit | Units | | | | |
| | | | Matrix: Soil | | | | | |
| KJB-5-7' (A809272-16) | | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | --- | 66.5 | ug/kg dry | 50 | " | 5035/8260B | |
| Vinyl chloride | ND | --- | 33.3 | " | " | " | " | |
| m,p-Xylene | ND | --- | 66.5 | " | " | " | " | |
| o-Xylene | ND | --- | 33.3 | " | " | " | " | |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> | | | <i>Recovery: 93 %</i> | <i>Limits: 70-130 %</i> | 1 | " | " | |
| <i>1,4-Difluorobenzene (Surr)</i> | | | <i>100 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>Toluene-d8 (Surr)</i> | | | <i>95 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>4-Bromofluorobenzene (Surr)</i> | | | <i>99 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| | | | Matrix: Soil | | | | | |
| KJB-5-18.5' (A809272-17) | | | | | | | | |
| Acetone | ND | --- | 1140 | ug/kg dry | 50 | 10/03/08 19:44 | 5035/8260B | |
| Benzene | ND | --- | 14.3 | " | " | " | " | |
| Bromobenzene | ND | --- | 28.5 | " | " | " | " | |
| Bromochloromethane | ND | --- | 28.5 | " | " | " | " | |
| Bromodichloromethane | ND | --- | 28.5 | " | " | " | " | |
| Bromoform | ND | --- | 57.1 | " | " | " | " | |
| Bromomethane | ND | --- | 571 | " | " | " | " | |
| 2-Butanone (MEK) | ND | --- | 571 | " | " | " | " | |
| n-Butylbenzene | ND | --- | 28.5 | " | " | " | " | |
| sec-Butylbenzene | ND | --- | 28.5 | " | " | " | " | |
| tert-Butylbenzene | ND | --- | 28.5 | " | " | " | " | |
| Carbon tetrachloride | ND | --- | 28.5 | " | " | " | " | |
| Chlorobenzene | ND | --- | 28.5 | " | " | " | " | |
| Chloroethane | ND | --- | 571 | " | " | " | " | |
| Chloroform | ND | --- | 285 | " | " | " | " | |
| Chloromethane | ND | --- | 285 | " | " | " | " | |
| 2-Chlorotoluene | ND | --- | 28.5 | " | " | " | " | |
| 4-Chlorotoluene | ND | --- | 28.5 | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | --- | 114 | " | " | " | " | |
| Dibromochloromethane | ND | --- | 57.1 | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | --- | 28.5 | " | " | " | " | |

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Project Number: 0792027.20
 Project Manager: Gregg Bryden

Reported:
 10/08/08 14:54

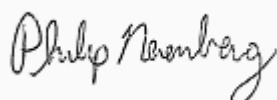
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|---------------------------------|--------|-----|---------------------|-----------|----------|---------------|------------|-------|
| | | | Limit | Units | | | | |
| KJB-5-18.5' (A809272-17) | | | Matrix: Soil | | | | | |
| Dibromomethane | ND | --- | 28.5 | ug/kg dry | 50 | " | 5035/8260B | |
| 1,2-Dichlorobenzene | ND | --- | 28.5 | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | --- | 28.5 | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | --- | 28.5 | " | " | " | " | |
| Dichlorodifluoromethane | ND | --- | 57.1 | " | " | " | " | |
| 1,1-Dichloroethane | ND | --- | 28.5 | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | --- | 28.5 | " | " | " | " | |
| 1,1-Dichloroethene | ND | --- | 28.5 | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | --- | 28.5 | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | --- | 28.5 | " | " | " | " | |
| 1,2-Dichloropropane | ND | --- | 28.5 | " | " | " | " | |
| 1,3-Dichloropropane | ND | --- | 28.5 | " | " | " | " | |
| 2,2-Dichloropropane | ND | --- | 57.1 | " | " | " | " | |
| 1,1-Dichloropropene | ND | --- | 28.5 | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | --- | 57.1 | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | --- | 57.1 | " | " | " | " | |
| Ethylbenzene | ND | --- | 28.5 | " | " | " | " | |
| Hexachlorobutadiene | ND | --- | 114 | " | " | " | " | |
| 2-Hexanone | ND | --- | 571 | " | " | " | " | |
| Isopropylbenzene | ND | --- | 28.5 | " | " | " | " | |
| 4-Isopropyltoluene | ND | --- | 28.5 | " | " | " | " | |
| 4-Methyl-2-pentanone (MiBK) | ND | --- | 571 | " | " | " | " | |
| Methyl tert-butyl ether (MTBE) | ND | --- | 57.1 | " | " | " | " | |
| Methylene chloride | ND | --- | 285 | " | " | " | " | |
| Naphthalene | ND | --- | 285 | " | " | " | " | |
| n-Propylbenzene | ND | --- | 28.5 | " | " | " | " | |
| Styrene | ND | --- | 28.5 | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | --- | 57.1 | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | --- | 28.5 | " | " | " | " | |
| Tetrachloroethene (PCE) | ND | --- | 28.5 | " | " | " | " | |

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Project Number: 0792027.20
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 10/08/08 14:54

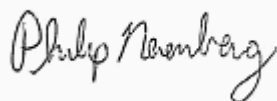
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|---|--------|-----|-----------------------|-------------------------|----------|----------------|------------|-------|
| | | | Limit | Units | | | | |
| | | | Matrix: Soil | | | | | |
| Toluene | ND | --- | 114 | ug/kg dry | 50 | " | 5035/8260B | |
| 1,2,3-Trichlorobenzene | ND | --- | 114 | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | --- | 114 | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | --- | 57.1 | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | --- | 28.5 | " | " | " | " | |
| Trichloroethene (TCE) | ND | --- | 28.5 | " | " | " | " | |
| Trichlorofluoromethane | ND | --- | 285 | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | --- | 57.1 | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | --- | 57.1 | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | --- | 57.1 | " | " | " | " | |
| Vinyl chloride | ND | --- | 28.5 | " | " | " | " | |
| m,p-Xylene | ND | --- | 57.1 | " | " | " | " | |
| o-Xylene | ND | --- | 28.5 | " | " | " | " | |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> | | | <i>Recovery: 91 %</i> | <i>Limits: 70-130 %</i> | 1 | " | " | |
| <i>1,4-Difluorobenzene (Surr)</i> | | | <i>100 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>Toluene-d8 (Surr)</i> | | | <i>95 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>4-Bromofluorobenzene (Surr)</i> | | | <i>98 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| | | | Matrix: Water | | | | | |
| Acetone | ND | --- | 20.0 | ug/L | 1 | 10/01/08 14:46 | EPA 8260B | |
| Benzene | ND | --- | 0.250 | " | " | " | " | |
| Bromobenzene | ND | --- | 0.500 | " | " | " | " | |
| Bromochloromethane | ND | --- | 0.500 | " | " | " | " | |
| Bromodichloromethane | ND | --- | 0.500 | " | " | " | " | |
| Bromoform | ND | --- | 1.00 | " | " | " | " | |
| Bromomethane | ND | --- | 5.00 | " | " | " | " | |
| 2-Butanone (MEK) | ND | --- | 10.0 | " | " | " | " | |
| n-Butylbenzene | ND | --- | 1.00 | " | " | " | " | |
| sec-Butylbenzene | ND | --- | 10.0 | " | " | " | " | |
| tert-Butylbenzene | ND | --- | 0.500 | " | " | " | " | |
| Carbon tetrachloride | ND | --- | 0.500 | " | " | " | " | |

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Project Number: 0792027.20
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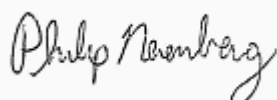
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|------------------------------|--------|-----|----------------------|-------|----------|---------------|-----------|-------|
| | | | Limit | Units | | | | |
| KJB-5-GW (A809272-18) | | | Matrix: Water | | | | | |
| Chlorobenzene | ND | --- | 0.500 | ug/L | 1 | " | EPA 8260B | |
| Chloroethane | ND | --- | 2.00 | " | " | " | " | |
| Chloroform | ND | --- | 2.00 | " | " | " | " | |
| Chloromethane | ND | --- | 5.00 | " | " | " | " | |
| 2-Chlorotoluene | ND | --- | 0.500 | " | " | " | " | |
| 4-Chlorotoluene | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | --- | 5.00 | " | " | " | " | |
| Dibromochloromethane | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | --- | 0.500 | " | " | " | " | |
| Dibromomethane | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | --- | 0.500 | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | --- | 0.500 | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | --- | 0.500 | " | " | " | " | |
| Dichlorodifluoromethane | ND | --- | 1.00 | " | " | " | " | |
| 1,1-Dichloroethane | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | --- | 0.500 | " | " | " | " | |
| 1,1-Dichloroethene | ND | --- | 0.500 | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | --- | 0.500 | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dichloropropane | ND | --- | 0.500 | " | " | " | " | |
| 1,3-Dichloropropane | ND | --- | 0.500 | " | " | " | " | |
| 2,2-Dichloropropane | ND | --- | 0.500 | " | " | " | " | |
| 1,1-Dichloropropene | ND | --- | 0.500 | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | --- | 1.00 | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | --- | 0.500 | " | " | " | " | |
| Ethylbenzene | ND | --- | 0.500 | " | " | " | " | |
| Hexachlorobutadiene | ND | --- | 5.00 | " | " | " | " | |
| 2-Hexanone | ND | --- | 10.0 | " | " | " | " | |
| Isopropylbenzene | ND | --- | 0.500 | " | " | " | " | |
| 4-Isopropyltoluene | ND | --- | 1.00 | " | " | " | " | |

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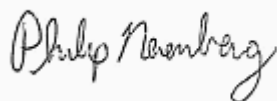
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|---|--------|-----|------------------------|-------------------------|----------|---------------|-----------|-------|
| | | | Limit | Units | | | | |
| KJB-5-GW (A809272-18) | | | | | | | | |
| Matrix: Water | | | | | | | | |
| 4-Methyl-2-pentanone (MiBK) | ND | --- | 10.0 | ug/L | 1 | " | EPA 8260B | |
| Methyl tert-butyl ether (MTBE) | ND | --- | 1.00 | " | " | " | " | |
| Methylene chloride | ND | --- | 5.00 | " | " | " | " | |
| Naphthalene | ND | --- | 5.00 | " | " | " | " | |
| n-Propylbenzene | ND | --- | 0.500 | " | " | " | " | |
| Styrene | ND | --- | 0.500 | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | --- | 0.500 | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | --- | 0.500 | " | " | " | " | |
| Tetrachloroethene (PCE) | ND | --- | 0.500 | " | " | " | " | |
| Toluene | ND | --- | 1.00 | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | --- | 5.00 | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | --- | 5.00 | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | --- | 0.500 | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | --- | 0.500 | " | " | " | " | |
| Trichloroethene (TCE) | ND | --- | 0.500 | " | " | " | " | |
| Trichlorofluoromethane | ND | --- | 1.00 | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | --- | 1.00 | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | --- | 1.00 | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | --- | 1.00 | " | " | " | " | |
| Vinyl chloride | ND | --- | 0.500 | " | " | " | " | |
| m,p-Xylene | ND | --- | 1.00 | " | " | " | " | |
| o-Xylene | ND | --- | 0.500 | " | " | " | " | |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> | | | <i>Recovery: 107 %</i> | <i>Limits: 80-120 %</i> | " | " | " | |
| <i>1,4-Difluorobenzene (Surr)</i> | | | <i>101 %</i> | <i>Limits: 80-120 %</i> | " | " | " | |
| <i>Toluene-d8 (Surr)</i> | | | <i>94 %</i> | <i>Limits: 80-120 %</i> | " | " | " | |
| <i>4-Bromofluorobenzene (Surr)</i> | | | <i>114 %</i> | <i>Limits: 80-120 %</i> | " | " | " | |

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Philip Nerenberg, Lab Director

Kennedy Jenks

200 SW Market St., Suite 500
 Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.20
 Project Manager: Gregg Bryden

Reported:
 10/08/08 14:54

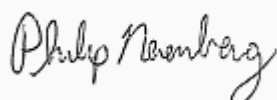
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|------------------------------|--------|-----|---------------------|-----------|----------|----------------|------------|-------|
| | | | Limit | Units | | | | |
| | | | Matrix: Soil | | | | | |
| KJB-7-7' (A809272-19) | | | | | | | | |
| Acetone | ND | --- | 1380 | ug/kg dry | 50 | 10/03/08 20:12 | 5035/8260B | |
| Benzene | ND | --- | 17.3 | " | " | " | " | |
| Bromobenzene | ND | --- | 34.5 | " | " | " | " | |
| Bromochloromethane | ND | --- | 34.5 | " | " | " | " | |
| Bromodichloromethane | ND | --- | 34.5 | " | " | " | " | |
| Bromoform | ND | --- | 69.0 | " | " | " | " | |
| Bromomethane | ND | --- | 690 | " | " | " | " | |
| 2-Butanone (MEK) | ND | --- | 690 | " | " | " | " | |
| n-Butylbenzene | ND | --- | 34.5 | " | " | " | " | |
| sec-Butylbenzene | ND | --- | 34.5 | " | " | " | " | |
| tert-Butylbenzene | ND | --- | 34.5 | " | " | " | " | |
| Carbon tetrachloride | ND | --- | 34.5 | " | " | " | " | |
| Chlorobenzene | ND | --- | 34.5 | " | " | " | " | |
| Chloroethane | ND | --- | 690 | " | " | " | " | |
| Chloroform | ND | --- | 345 | " | " | " | " | |
| Chloromethane | ND | --- | 345 | " | " | " | " | |
| 2-Chlorotoluene | ND | --- | 34.5 | " | " | " | " | |
| 4-Chlorotoluene | ND | --- | 34.5 | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | --- | 138 | " | " | " | " | |
| Dibromochloromethane | ND | --- | 69.0 | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | --- | 34.5 | " | " | " | " | |
| Dibromomethane | ND | --- | 34.5 | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | --- | 34.5 | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | --- | 34.5 | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | --- | 34.5 | " | " | " | " | |
| Dichlorodifluoromethane | ND | --- | 69.0 | " | " | " | " | |
| 1,1-Dichloroethane | ND | --- | 34.5 | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | --- | 34.5 | " | " | " | " | |
| 1,1-Dichloroethene | ND | --- | 34.5 | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | --- | 34.5 | " | " | " | " | |

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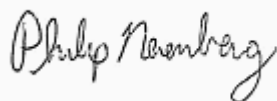
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|--------------------------------|--------|-----|-----------|-----------|----------|---------------|------------|-------|
| | | | Limit | Units | | | | |
| KJB-7-7' (A809272-19) | | | | | | | | |
| Matrix: Soil | | | | | | | | |
| trans-1,2-Dichloroethene | ND | --- | 34.5 | ug/kg dry | 50 | " | 5035/8260B | |
| 1,2-Dichloropropane | ND | --- | 34.5 | " | " | " | " | |
| 1,3-Dichloropropane | ND | --- | 34.5 | " | " | " | " | |
| 2,2-Dichloropropane | ND | --- | 69.0 | " | " | " | " | |
| 1,1-Dichloropropene | ND | --- | 34.5 | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | --- | 69.0 | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | --- | 69.0 | " | " | " | " | |
| Ethylbenzene | ND | --- | 34.5 | " | " | " | " | |
| Hexachlorobutadiene | ND | --- | 138 | " | " | " | " | |
| 2-Hexanone | ND | --- | 690 | " | " | " | " | |
| Isopropylbenzene | ND | --- | 34.5 | " | " | " | " | |
| 4-Isopropyltoluene | ND | --- | 34.5 | " | " | " | " | |
| 4-Methyl-2-pentanone (MiBK) | ND | --- | 690 | " | " | " | " | |
| Methyl tert-butyl ether (MTBE) | ND | --- | 69.0 | " | " | " | " | |
| Methylene chloride | ND | --- | 345 | " | " | " | " | |
| Naphthalene | ND | --- | 345 | " | " | " | " | |
| n-Propylbenzene | ND | --- | 34.5 | " | " | " | " | |
| Styrene | ND | --- | 34.5 | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | --- | 69.0 | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | --- | 34.5 | " | " | " | " | |
| Tetrachloroethene (PCE) | ND | --- | 34.5 | " | " | " | " | |
| Toluene | ND | --- | 138 | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | --- | 138 | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | --- | 138 | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | --- | 69.0 | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | --- | 34.5 | " | " | " | " | |
| Trichloroethene (TCE) | ND | --- | 34.5 | " | " | " | " | |
| Trichlorofluoromethane | ND | --- | 345 | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | --- | 69.0 | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | --- | 69.0 | " | " | " | " | |

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Project Number: 0792027.20
Project Manager: Gregg Bryden

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10/08/08 14:54

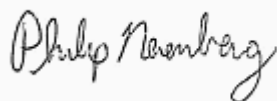
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|---|--------|-----|-----------------------|-------------------------|----------|----------------|------------|-------|
| | | | Limit | Units | | | | |
| | | | Matrix: Soil | | | | | |
| KJB-7-7' (A809272-19) | | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | --- | 69.0 | ug/kg dry | 50 | " | 5035/8260B | |
| Vinyl chloride | ND | --- | 34.5 | " | " | " | " | |
| m,p-Xylene | ND | --- | 69.0 | " | " | " | " | |
| o-Xylene | ND | --- | 34.5 | " | " | " | " | |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> | | | <i>Recovery: 93 %</i> | <i>Limits: 70-130 %</i> | 1 | " | " | |
| <i>1,4-Difluorobenzene (Surr)</i> | | | <i>100 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>Toluene-d8 (Surr)</i> | | | <i>97 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>4-Bromofluorobenzene (Surr)</i> | | | <i>98 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| | | | Matrix: Soil | | | | | |
| KJB-7-20.5' (A809272-20) | | | | | | | | |
| Acetone | ND | --- | 1430 | ug/kg dry | 50 | 10/03/08 20:39 | 5035/8260B | |
| Benzene | ND | --- | 17.9 | " | " | " | " | |
| Bromobenzene | ND | --- | 35.9 | " | " | " | " | |
| Bromochloromethane | ND | --- | 35.9 | " | " | " | " | |
| Bromodichloromethane | ND | --- | 35.9 | " | " | " | " | |
| Bromoform | ND | --- | 71.7 | " | " | " | " | |
| Bromomethane | ND | --- | 717 | " | " | " | " | |
| 2-Butanone (MEK) | ND | --- | 717 | " | " | " | " | |
| n-Butylbenzene | ND | --- | 35.9 | " | " | " | " | |
| sec-Butylbenzene | ND | --- | 35.9 | " | " | " | " | |
| tert-Butylbenzene | ND | --- | 35.9 | " | " | " | " | |
| Carbon tetrachloride | ND | --- | 35.9 | " | " | " | " | |
| Chlorobenzene | ND | --- | 35.9 | " | " | " | " | |
| Chloroethane | ND | --- | 717 | " | " | " | " | |
| Chloroform | ND | --- | 359 | " | " | " | " | |
| Chloromethane | ND | --- | 359 | " | " | " | " | |
| 2-Chlorotoluene | ND | --- | 35.9 | " | " | " | " | |
| 4-Chlorotoluene | ND | --- | 35.9 | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | --- | 143 | " | " | " | " | |
| Dibromochloromethane | ND | --- | 71.7 | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | --- | 35.9 | " | " | " | " | |

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Project Number: 0792027.20
 Project Manager: Gregg Bryden

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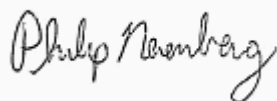
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|---------------------------------|--------|-----|---------------------|-----------|----------|---------------|------------|-------|
| | | | Limit | Units | | | | |
| | | | Matrix: Soil | | | | | |
| KJB-7-20.5' (A809272-20) | | | | | | | | |
| Dibromomethane | ND | --- | 35.9 | ug/kg dry | 50 | " | 5035/8260B | |
| 1,2-Dichlorobenzene | ND | --- | 35.9 | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | --- | 35.9 | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | --- | 35.9 | " | " | " | " | |
| Dichlorodifluoromethane | ND | --- | 71.7 | " | " | " | " | |
| 1,1-Dichloroethane | ND | --- | 35.9 | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | --- | 35.9 | " | " | " | " | |
| 1,1-Dichloroethene | ND | --- | 35.9 | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | --- | 35.9 | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | --- | 35.9 | " | " | " | " | |
| 1,2-Dichloropropane | ND | --- | 35.9 | " | " | " | " | |
| 1,3-Dichloropropane | ND | --- | 35.9 | " | " | " | " | |
| 2,2-Dichloropropane | ND | --- | 71.7 | " | " | " | " | |
| 1,1-Dichloropropene | ND | --- | 35.9 | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | --- | 71.7 | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | --- | 71.7 | " | " | " | " | |
| Ethylbenzene | ND | --- | 35.9 | " | " | " | " | |
| Hexachlorobutadiene | ND | --- | 143 | " | " | " | " | |
| 2-Hexanone | ND | --- | 717 | " | " | " | " | |
| Isopropylbenzene | ND | --- | 35.9 | " | " | " | " | |
| 4-Isopropyltoluene | ND | --- | 35.9 | " | " | " | " | |
| 4-Methyl-2-pentanone (MiBK) | ND | --- | 717 | " | " | " | " | |
| Methyl tert-butyl ether (MTBE) | ND | --- | 71.7 | " | " | " | " | |
| Methylene chloride | ND | --- | 359 | " | " | " | " | |
| Naphthalene | ND | --- | 359 | " | " | " | " | |
| n-Propylbenzene | ND | --- | 35.9 | " | " | " | " | |
| Styrene | ND | --- | 35.9 | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | --- | 71.7 | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | --- | 35.9 | " | " | " | " | |
| Tetrachloroethene (PCE) | ND | --- | 35.9 | " | " | " | " | |

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 10/08/08 14:54

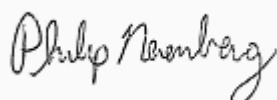
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes | |
|---|--------|-----|-----------------------|-------------------------|----------|----------------|------------|-------|-------------|
| | | | Limit | Units | | | | | |
| KJB-7-20.5' (A809272-20) | | | Matrix: Soil | | | | | | |
| Toluene | ND | --- | 143 | ug/kg dry | 50 | " | 5035/8260B | | |
| 1,2,3-Trichlorobenzene | ND | --- | 143 | " | " | " | " | | |
| 1,2,4-Trichlorobenzene | ND | --- | 143 | " | " | " | " | | |
| 1,1,1-Trichloroethane | ND | --- | 71.7 | " | " | " | " | | |
| 1,1,2-Trichloroethane | ND | --- | 35.9 | " | " | " | " | | |
| Trichloroethene (TCE) | ND | --- | 35.9 | " | " | " | " | | |
| Trichlorofluoromethane | ND | --- | 359 | " | " | " | " | | |
| 1,2,3-Trichloropropane | ND | --- | 71.7 | " | " | " | " | | |
| 1,2,4-Trimethylbenzene | ND | --- | 71.7 | " | " | " | " | | |
| 1,3,5-Trimethylbenzene | ND | --- | 71.7 | " | " | " | " | | |
| Vinyl chloride | ND | --- | 35.9 | " | " | " | " | | |
| m,p-Xylene | ND | --- | 71.7 | " | " | " | " | | |
| o-Xylene | ND | --- | 35.9 | " | " | " | " | | |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> | | | <i>Recovery: 91 %</i> | <i>Limits: 70-130 %</i> | 1 | " | " | | |
| <i>1,4-Difluorobenzene (Surr)</i> | | | <i>100 %</i> | <i>Limits: 70-130 %</i> | " | " | " | | |
| <i>Toluene-d8 (Surr)</i> | | | <i>95 %</i> | <i>Limits: 70-130 %</i> | " | " | " | | |
| <i>4-Bromofluorobenzene (Surr)</i> | | | <i>100 %</i> | <i>Limits: 70-130 %</i> | " | " | " | | |
| KJB-7-GW (A809272-21) | | | Matrix: Water | | | | | | V-04 |
| Acetone | ND | --- | 20.0 | ug/L | 1 | 10/01/08 15:16 | EPA 8260B | | |
| Benzene | ND | --- | 0.250 | " | " | " | " | | |
| Bromobenzene | ND | --- | 0.500 | " | " | " | " | | |
| Bromochloromethane | ND | --- | 0.500 | " | " | " | " | | |
| Bromodichloromethane | ND | --- | 0.500 | " | " | " | " | | |
| Bromoform | ND | --- | 1.00 | " | " | " | " | | |
| Bromomethane | ND | --- | 5.00 | " | " | " | " | | |
| 2-Butanone (MEK) | ND | --- | 10.0 | " | " | " | " | | |
| n-Butylbenzene | ND | --- | 1.00 | " | " | " | " | | |
| sec-Butylbenzene | ND | --- | 10.0 | " | " | " | " | | |
| tert-Butylbenzene | ND | --- | 0.500 | " | " | " | " | | |
| Carbon tetrachloride | ND | --- | 0.500 | " | " | " | " | | |

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Project: **Former Apex Winery**

Project Number: 0792027.20
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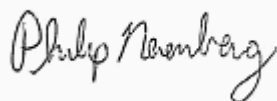
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|------------------------------|--------|-----|----------------------|-------|----------|---------------|-----------|-------------|
| | | | Limit | Units | | | | |
| KJB-7-GW (A809272-21) | | | Matrix: Water | | | | | V-04 |
| Chlorobenzene | ND | --- | 0.500 | ug/L | 1 | " | EPA 8260B | |
| Chloroethane | ND | --- | 2.00 | " | " | " | " | |
| Chloroform | ND | --- | 2.00 | " | " | " | " | |
| Chloromethane | ND | --- | 5.00 | " | " | " | " | |
| 2-Chlorotoluene | ND | --- | 0.500 | " | " | " | " | |
| 4-Chlorotoluene | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | --- | 5.00 | " | " | " | " | |
| Dibromochloromethane | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | --- | 0.500 | " | " | " | " | |
| Dibromomethane | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | --- | 0.500 | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | --- | 0.500 | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | --- | 0.500 | " | " | " | " | |
| Dichlorodifluoromethane | ND | --- | 1.00 | " | " | " | " | |
| 1,1-Dichloroethane | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | --- | 0.500 | " | " | " | " | |
| 1,1-Dichloroethene | ND | --- | 0.500 | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | --- | 0.500 | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dichloropropane | ND | --- | 0.500 | " | " | " | " | |
| 1,3-Dichloropropane | ND | --- | 0.500 | " | " | " | " | |
| 2,2-Dichloropropane | ND | --- | 0.500 | " | " | " | " | |
| 1,1-Dichloropropene | ND | --- | 0.500 | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | --- | 1.00 | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | --- | 0.500 | " | " | " | " | |
| Ethylbenzene | ND | --- | 0.500 | " | " | " | " | |
| Hexachlorobutadiene | ND | --- | 5.00 | " | " | " | " | |
| 2-Hexanone | ND | --- | 10.0 | " | " | " | " | |
| Isopropylbenzene | ND | --- | 0.500 | " | " | " | " | |
| 4-Isopropyltoluene | ND | --- | 1.00 | " | " | " | " | |

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Reported:
 10/08/08 14:54

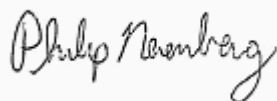
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Date Analyzed | Method | Notes |
|---|-------------|-----|------------------------|-------------------------|----------|---------------|-----------|-------------|
| KJB-7-GW (A809272-21) | | | Matrix: Water | | | | | V-04 |
| 4-Methyl-2-pentanone (MiBK) | ND | --- | 10.0 | ug/L | 1 | " | EPA 8260B | |
| Methyl tert-butyl ether (MTBE) | ND | --- | 1.00 | " | " | " | " | |
| Methylene chloride | ND | --- | 5.00 | " | " | " | " | |
| Naphthalene | ND | --- | 5.00 | " | " | " | " | |
| n-Propylbenzene | ND | --- | 0.500 | " | " | " | " | |
| Styrene | ND | --- | 0.500 | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | --- | 0.500 | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | --- | 0.500 | " | " | " | " | |
| Tetrachloroethene (PCE) | 3.91 | --- | 0.500 | " | " | " | " | |
| Toluene | ND | --- | 1.00 | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | --- | 5.00 | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | --- | 5.00 | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | --- | 0.500 | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | --- | 0.500 | " | " | " | " | |
| Trichloroethene (TCE) | ND | --- | 0.500 | " | " | " | " | |
| Trichlorofluoromethane | ND | --- | 1.00 | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | --- | 1.00 | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | --- | 1.00 | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | --- | 1.00 | " | " | " | " | |
| Vinyl chloride | ND | --- | 0.500 | " | " | " | " | |
| m,p-Xylene | ND | --- | 1.00 | " | " | " | " | |
| o-Xylene | ND | --- | 0.500 | " | " | " | " | |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> | | | <i>Recovery: 108 %</i> | <i>Limits: 80-120 %</i> | " | " | " | |
| <i>1,4-Difluorobenzene (Surr)</i> | | | <i>102 %</i> | <i>Limits: 80-120 %</i> | " | " | " | |
| <i>Toluene-d8 (Surr)</i> | | | <i>98 %</i> | <i>Limits: 80-120 %</i> | " | " | " | |
| <i>4-Bromofluorobenzene (Surr)</i> | | | <i>114 %</i> | <i>Limits: 80-120 %</i> | " | " | " | |

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Philip Nerenberg, Lab Director

Kennedy Jenks

200 SW Market St., Suite 500
 Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.20
 Project Manager: Gregg Bryden

Reported:
 10/08/08 14:54

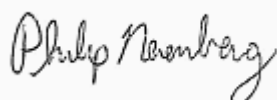
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|------------------------------|--------|-----|---------------------|-----------|----------|----------------|------------|-------|
| | | | Limit | Units | | | | |
| KJB-8-7' (A809272-22) | | | Matrix: Soil | | | | | |
| Acetone | ND | --- | 1490 | ug/kg dry | 50 | 10/03/08 21:07 | 5035/8260B | |
| Benzene | ND | --- | 18.6 | " | " | " | " | |
| Bromobenzene | ND | --- | 37.2 | " | " | " | " | |
| Bromochloromethane | ND | --- | 37.2 | " | " | " | " | |
| Bromodichloromethane | ND | --- | 37.2 | " | " | " | " | |
| Bromoform | ND | --- | 74.3 | " | " | " | " | |
| Bromomethane | ND | --- | 743 | " | " | " | " | |
| 2-Butanone (MEK) | ND | --- | 743 | " | " | " | " | |
| n-Butylbenzene | ND | --- | 37.2 | " | " | " | " | |
| sec-Butylbenzene | ND | --- | 37.2 | " | " | " | " | |
| tert-Butylbenzene | ND | --- | 37.2 | " | " | " | " | |
| Carbon tetrachloride | ND | --- | 37.2 | " | " | " | " | |
| Chlorobenzene | ND | --- | 37.2 | " | " | " | " | |
| Chloroethane | ND | --- | 743 | " | " | " | " | |
| Chloroform | ND | --- | 372 | " | " | " | " | |
| Chloromethane | ND | --- | 372 | " | " | " | " | |
| 2-Chlorotoluene | ND | --- | 37.2 | " | " | " | " | |
| 4-Chlorotoluene | ND | --- | 37.2 | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | --- | 149 | " | " | " | " | |
| Dibromochloromethane | ND | --- | 74.3 | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | --- | 37.2 | " | " | " | " | |
| Dibromomethane | ND | --- | 37.2 | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | --- | 37.2 | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | --- | 37.2 | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | --- | 37.2 | " | " | " | " | |
| Dichlorodifluoromethane | ND | --- | 74.3 | " | " | " | " | |
| 1,1-Dichloroethane | ND | --- | 37.2 | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | --- | 37.2 | " | " | " | " | |
| 1,1-Dichloroethene | ND | --- | 37.2 | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | --- | 37.2 | " | " | " | " | |

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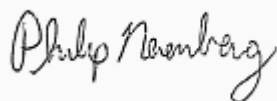
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|--------------------------------|--------|-----|-----------|-----------|----------|---------------|------------|-------|
| | | | Limit | Units | | | | |
| KJB-8-7' (A809272-22) | | | | | | | | |
| Matrix: Soil | | | | | | | | |
| trans-1,2-Dichloroethene | ND | --- | 37.2 | ug/kg dry | 50 | " | 5035/8260B | |
| 1,2-Dichloropropane | ND | --- | 37.2 | " | " | " | " | |
| 1,3-Dichloropropane | ND | --- | 37.2 | " | " | " | " | |
| 2,2-Dichloropropane | ND | --- | 74.3 | " | " | " | " | |
| 1,1-Dichloropropene | ND | --- | 37.2 | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | --- | 74.3 | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | --- | 74.3 | " | " | " | " | |
| Ethylbenzene | ND | --- | 37.2 | " | " | " | " | |
| Hexachlorobutadiene | ND | --- | 149 | " | " | " | " | |
| 2-Hexanone | ND | --- | 743 | " | " | " | " | |
| Isopropylbenzene | ND | --- | 37.2 | " | " | " | " | |
| 4-Isopropyltoluene | ND | --- | 37.2 | " | " | " | " | |
| 4-Methyl-2-pentanone (MiBK) | ND | --- | 743 | " | " | " | " | |
| Methyl tert-butyl ether (MTBE) | ND | --- | 74.3 | " | " | " | " | |
| Methylene chloride | ND | --- | 372 | " | " | " | " | |
| Naphthalene | ND | --- | 372 | " | " | " | " | |
| n-Propylbenzene | ND | --- | 37.2 | " | " | " | " | |
| Styrene | ND | --- | 37.2 | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | --- | 74.3 | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | --- | 37.2 | " | " | " | " | |
| Tetrachloroethene (PCE) | ND | --- | 37.2 | " | " | " | " | |
| Toluene | ND | --- | 149 | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | --- | 149 | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | --- | 149 | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | --- | 74.3 | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | --- | 37.2 | " | " | " | " | |
| Trichloroethene (TCE) | ND | --- | 37.2 | " | " | " | " | |
| Trichlorofluoromethane | ND | --- | 372 | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | --- | 74.3 | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | --- | 74.3 | " | " | " | " | |

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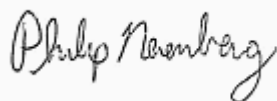
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|---|--------|-----|-----------------------|-------------------------|----------|----------------|------------|-------|
| | | | Limit | Units | | | | |
| | | | Matrix: Soil | | | | | |
| KJB-8-7' (A809272-22) | | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | --- | 74.3 | ug/kg dry | 50 | " | 5035/8260B | |
| Vinyl chloride | ND | --- | 37.2 | " | " | " | " | |
| m,p-Xylene | ND | --- | 74.3 | " | " | " | " | |
| o-Xylene | ND | --- | 37.2 | " | " | " | " | |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> | | | <i>Recovery: 93 %</i> | <i>Limits: 70-130 %</i> | 1 | " | " | |
| <i>1,4-Difluorobenzene (Surr)</i> | | | <i>101 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>Toluene-d8 (Surr)</i> | | | <i>97 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>4-Bromofluorobenzene (Surr)</i> | | | <i>101 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| | | | Matrix: Soil | | | | | |
| KJB-8-21.5' (A809272-23) | | | | | | | | |
| Acetone | ND | --- | 1230 | ug/kg dry | 50 | 10/03/08 21:35 | 5035/8260B | |
| Benzene | ND | --- | 15.3 | " | " | " | " | |
| Bromobenzene | ND | --- | 30.7 | " | " | " | " | |
| Bromochloromethane | ND | --- | 30.7 | " | " | " | " | |
| Bromodichloromethane | ND | --- | 30.7 | " | " | " | " | |
| Bromoform | ND | --- | 61.3 | " | " | " | " | |
| Bromomethane | ND | --- | 613 | " | " | " | " | |
| 2-Butanone (MEK) | ND | --- | 613 | " | " | " | " | |
| n-Butylbenzene | ND | --- | 30.7 | " | " | " | " | |
| sec-Butylbenzene | ND | --- | 30.7 | " | " | " | " | |
| tert-Butylbenzene | ND | --- | 30.7 | " | " | " | " | |
| Carbon tetrachloride | ND | --- | 30.7 | " | " | " | " | |
| Chlorobenzene | ND | --- | 30.7 | " | " | " | " | |
| Chloroethane | ND | --- | 613 | " | " | " | " | |
| Chloroform | ND | --- | 307 | " | " | " | " | |
| Chloromethane | ND | --- | 307 | " | " | " | " | |
| 2-Chlorotoluene | ND | --- | 30.7 | " | " | " | " | |
| 4-Chlorotoluene | ND | --- | 30.7 | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | --- | 123 | " | " | " | " | |
| Dibromochloromethane | ND | --- | 61.3 | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | --- | 30.7 | " | " | " | " | |

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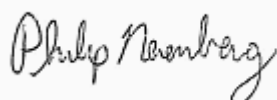
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|---------------------------------|--------|-----|---------------------|-----------|----------|---------------|------------|-------|
| | | | Limit | Units | | | | |
| KJB-8-21.5' (A809272-23) | | | Matrix: Soil | | | | | |
| Dibromomethane | ND | --- | 30.7 | ug/kg dry | 50 | " | 5035/8260B | |
| 1,2-Dichlorobenzene | ND | --- | 30.7 | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | --- | 30.7 | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | --- | 30.7 | " | " | " | " | |
| Dichlorodifluoromethane | ND | --- | 61.3 | " | " | " | " | |
| 1,1-Dichloroethane | ND | --- | 30.7 | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | --- | 30.7 | " | " | " | " | |
| 1,1-Dichloroethene | ND | --- | 30.7 | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | --- | 30.7 | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | --- | 30.7 | " | " | " | " | |
| 1,2-Dichloropropane | ND | --- | 30.7 | " | " | " | " | |
| 1,3-Dichloropropane | ND | --- | 30.7 | " | " | " | " | |
| 2,2-Dichloropropane | ND | --- | 61.3 | " | " | " | " | |
| 1,1-Dichloropropene | ND | --- | 30.7 | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | --- | 61.3 | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | --- | 61.3 | " | " | " | " | |
| Ethylbenzene | ND | --- | 30.7 | " | " | " | " | |
| Hexachlorobutadiene | ND | --- | 123 | " | " | " | " | |
| 2-Hexanone | ND | --- | 613 | " | " | " | " | |
| Isopropylbenzene | ND | --- | 30.7 | " | " | " | " | |
| 4-Isopropyltoluene | ND | --- | 30.7 | " | " | " | " | |
| 4-Methyl-2-pentanone (MiBK) | ND | --- | 613 | " | " | " | " | |
| Methyl tert-butyl ether (MTBE) | ND | --- | 61.3 | " | " | " | " | |
| Methylene chloride | ND | --- | 307 | " | " | " | " | |
| Naphthalene | ND | --- | 307 | " | " | " | " | |
| n-Propylbenzene | ND | --- | 30.7 | " | " | " | " | |
| Styrene | ND | --- | 30.7 | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | --- | 61.3 | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | --- | 30.7 | " | " | " | " | |
| Tetrachloroethene (PCE) | ND | --- | 30.7 | " | " | " | " | |

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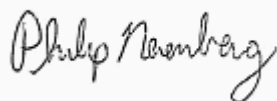
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Date Analyzed | Method | Notes |
|---|--------------|-----------------------|----------------------|-------------------------|----------|----------------|------------|-------|
| | | | Matrix: Soil | | | | | |
| Toluene | ND | --- | 123 | ug/kg dry | 50 | " | 5035/8260B | |
| 1,2,3-Trichlorobenzene | ND | --- | 123 | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | --- | 123 | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | --- | 61.3 | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | --- | 30.7 | " | " | " | " | |
| Trichloroethene (TCE) | ND | --- | 30.7 | " | " | " | " | |
| Trichlorofluoromethane | ND | --- | 307 | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | --- | 61.3 | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | --- | 61.3 | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | --- | 61.3 | " | " | " | " | |
| Vinyl chloride | ND | --- | 30.7 | " | " | " | " | |
| m,p-Xylene | ND | --- | 61.3 | " | " | " | " | |
| o-Xylene | ND | --- | 30.7 | " | " | " | " | |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> | | <i>Recovery: 92 %</i> | | <i>Limits: 70-130 %</i> | | 1 | " | " |
| <i>1,4-Difluorobenzene (Surr)</i> | | <i>101 %</i> | | <i>Limits: 70-130 %</i> | | " | " | " |
| <i>Toluene-d8 (Surr)</i> | | <i>95 %</i> | | <i>Limits: 70-130 %</i> | | " | " | " |
| <i>4-Bromofluorobenzene (Surr)</i> | | <i>100 %</i> | | <i>Limits: 70-130 %</i> | | " | " | " |
| | | | Matrix: Water | | | | | |
| Acetone | ND | --- | 20.0 | ug/L | 1 | 10/01/08 15:47 | EPA 8260B | |
| Benzene | 0.310 | --- | 0.250 | " | " | " | " | |
| Bromobenzene | ND | --- | 0.500 | " | " | " | " | |
| Bromochloromethane | ND | --- | 0.500 | " | " | " | " | |
| Bromodichloromethane | ND | --- | 0.500 | " | " | " | " | |
| Bromoform | ND | --- | 1.00 | " | " | " | " | |
| Bromomethane | ND | --- | 5.00 | " | " | " | " | |
| 2-Butanone (MEK) | ND | --- | 10.0 | " | " | " | " | |
| n-Butylbenzene | ND | --- | 1.00 | " | " | " | " | |
| sec-Butylbenzene | ND | --- | 10.0 | " | " | " | " | |
| tert-Butylbenzene | ND | --- | 0.500 | " | " | " | " | |
| Carbon tetrachloride | ND | --- | 0.500 | " | " | " | " | |

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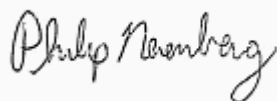
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|------------------------------|--------|-----|----------------------|-------|----------|---------------|-----------|-------|
| | | | Limit | Units | | | | |
| KJB-8-GW (A809272-24) | | | Matrix: Water | | | | | |
| Chlorobenzene | ND | --- | 0.500 | ug/L | 1 | " | EPA 8260B | |
| Chloroethane | ND | --- | 2.00 | " | " | " | " | |
| Chloroform | ND | --- | 2.00 | " | " | " | " | |
| Chloromethane | ND | --- | 5.00 | " | " | " | " | |
| 2-Chlorotoluene | ND | --- | 0.500 | " | " | " | " | |
| 4-Chlorotoluene | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | --- | 5.00 | " | " | " | " | |
| Dibromochloromethane | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | --- | 0.500 | " | " | " | " | |
| Dibromomethane | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | --- | 0.500 | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | --- | 0.500 | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | --- | 0.500 | " | " | " | " | |
| Dichlorodifluoromethane | ND | --- | 1.00 | " | " | " | " | |
| 1,1-Dichloroethane | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | --- | 0.500 | " | " | " | " | |
| 1,1-Dichloroethene | ND | --- | 0.500 | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | --- | 0.500 | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | --- | 0.500 | " | " | " | " | |
| 1,2-Dichloropropane | ND | --- | 0.500 | " | " | " | " | |
| 1,3-Dichloropropane | ND | --- | 0.500 | " | " | " | " | |
| 2,2-Dichloropropane | ND | --- | 0.500 | " | " | " | " | |
| 1,1-Dichloropropene | ND | --- | 0.500 | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | --- | 1.00 | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | --- | 0.500 | " | " | " | " | |
| Ethylbenzene | ND | --- | 0.500 | " | " | " | " | |
| Hexachlorobutadiene | ND | --- | 5.00 | " | " | " | " | |
| 2-Hexanone | ND | --- | 10.0 | " | " | " | " | |
| Isopropylbenzene | ND | --- | 0.500 | " | " | " | " | |
| 4-Isopropyltoluene | ND | --- | 1.00 | " | " | " | " | |

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Philip Nerenberg, Lab Director

Kennedy Jenks

200 SW Market St., Suite 500
 Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.20
 Project Manager: Gregg Bryden

Reported:
 10/08/08 14:54

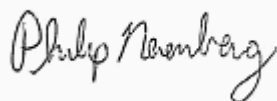
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|---|-------------|-----|------------------------|-------------------------|----------|---------------|-----------|-------|
| | | | Limit | Units | | | | |
| KJB-8-GW (A809272-24) | | | Matrix: Water | | | | | |
| 4-Methyl-2-pentanone (MiBK) | ND | --- | 10.0 | ug/L | 1 | " | EPA 8260B | |
| Methyl tert-butyl ether (MTBE) | ND | --- | 1.00 | " | " | " | " | |
| Methylene chloride | ND | --- | 5.00 | " | " | " | " | |
| Naphthalene | ND | --- | 5.00 | " | " | " | " | |
| n-Propylbenzene | ND | --- | 0.500 | " | " | " | " | |
| Styrene | ND | --- | 0.500 | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | --- | 0.500 | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | --- | 0.500 | " | " | " | " | |
| Tetrachloroethene (PCE) | ND | --- | 0.500 | " | " | " | " | |
| Toluene | 1.92 | --- | 1.00 | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | --- | 5.00 | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | --- | 5.00 | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | --- | 0.500 | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | --- | 0.500 | " | " | " | " | |
| Trichloroethene (TCE) | ND | --- | 0.500 | " | " | " | " | |
| Trichlorofluoromethane | ND | --- | 1.00 | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | --- | 1.00 | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | --- | 1.00 | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | --- | 1.00 | " | " | " | " | |
| Vinyl chloride | ND | --- | 0.500 | " | " | " | " | |
| m,p-Xylene | ND | --- | 1.00 | " | " | " | " | |
| o-Xylene | ND | --- | 0.500 | " | " | " | " | |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> | | | <i>Recovery: 111 %</i> | <i>Limits: 80-120 %</i> | " | " | " | |
| <i>1,4-Difluorobenzene (Surr)</i> | | | <i>105 %</i> | <i>Limits: 80-120 %</i> | " | " | " | |
| <i>Toluene-d8 (Surr)</i> | | | <i>95 %</i> | <i>Limits: 80-120 %</i> | " | " | " | |
| <i>4-Bromofluorobenzene (Surr)</i> | | | <i>114 %</i> | <i>Limits: 80-120 %</i> | " | " | " | |

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 Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.20
 Project Manager: Gregg Bryden

Reported:
 10/08/08 14:54

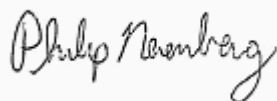
ANALYTICAL SAMPLE RESULTS

Percent Dry Weight by D2216

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Date Analyzed | Method | Notes |
|---------------------------------|--------|-----|---------------------|-------------|----------|----------------|--------|-------|
| KJB-2-21' (A809272-02) | | | Matrix: Soil | | | | | |
| % Solids | 78.0 | --- | 1.00 | % by Weight | 1 | 10/03/08 09:18 | D2216 | |
| KJB-3-19' (A809272-05) | | | Matrix: Soil | | | | | |
| % Solids | 81.1 | --- | 1.00 | % by Weight | 1 | 10/03/08 09:18 | D2216 | |
| KJB-1-19' (A809272-08) | | | Matrix: Soil | | | | | |
| % Solids | 78.7 | --- | 1.00 | % by Weight | 1 | 10/03/08 09:18 | D2216 | |
| KJB-4-7' (A809272-09) | | | Matrix: Soil | | | | | |
| % Solids | 81.5 | --- | 1.00 | % by Weight | 1 | 10/03/08 09:18 | D2216 | |
| KJB-4-20' (A809272-10) | | | Matrix: Soil | | | | | |
| % Solids | 75.2 | --- | 1.00 | % by Weight | 1 | 10/03/08 09:18 | D2216 | |
| KJB-6-7' (A809272-13) | | | Matrix: Soil | | | | | |
| % Solids | 85.5 | --- | 1.00 | % by Weight | 1 | 10/03/08 09:18 | D2216 | |
| KJB-6-17.5' (A809272-14) | | | Matrix: Soil | | | | | |
| % Solids | 82.5 | --- | 1.00 | % by Weight | 1 | 10/03/08 09:18 | D2216 | |
| KJB-5-7' (A809272-16) | | | Matrix: Soil | | | | | |
| % Solids | 84.7 | --- | 1.00 | % by Weight | 1 | 10/03/08 09:18 | D2216 | |
| KJB-5-18.5' (A809272-17) | | | Matrix: Soil | | | | | |
| % Solids | 86.5 | --- | 1.00 | % by Weight | 1 | 10/03/08 09:18 | D2216 | |
| KJB-7-7' (A809272-19) | | | Matrix: Soil | | | | | |
| % Solids | 83.5 | --- | 1.00 | % by Weight | 1 | 10/03/08 09:18 | D2216 | |
| KJB-7-20.5' (A809272-20) | | | Matrix: Soil | | | | | |
| % Solids | 76.6 | --- | 1.00 | % by Weight | 1 | 10/03/08 09:18 | D2216 | |
| KJB-8-7' (A809272-22) | | | Matrix: Soil | | | | | |
| % Solids | 77.1 | --- | 1.00 | % by Weight | 1 | 10/03/08 09:18 | D2216 | |

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Philip Nerenberg, Lab Director

| | | |
|--|---|------------------------------------|
| Kennedy Jenks 200 SW Market St., Suite 500 Portland, OR 97201 | Project: Former Apex Winery Project Number: 0792027.20 Project Manager: Gregg Bryden | Reported: 10/08/08 14:54 |
|--|---|------------------------------------|

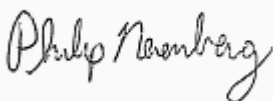
ANALYTICAL SAMPLE RESULTS

Percent Dry Weight by D2216

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Date Analyzed | Method | Notes |
|---------------------------------|--------|-----|-----------------|-------------|----------|----------------|--------|-------|
| KJB-8-21.5' (A809272-23) | | | | | | | | |
| Matrix: Soil | | | | | | | | |
| % Solids | 85.2 | --- | 1.00 | % by Weight | 1 | 10/03/08 09:18 | D2216 | |

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Philip Nerenberg, Lab Director

Kennedy Jenks

200 SW Market St., Suite 500
 Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.20
 Project Manager: Gregg Bryden

Reported:
 10/08/08 14:54

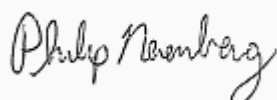
QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting Limit | Units | Dil. | Spike Amount | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|----------------------------------|--------|-----|-----------------|-----------|------|---------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 8090309 - EPA 5035A | | | | | | Soil | | | | | | |
| Blank (8090309-BLK1) | | | | | | Analyzed: 10/01/08 10:21 | | | | | | |
| 5035/8260B | | | | | | | | | | | | |
| Acetone | ND | --- | 1000 | ug/kg wet | 50 | --- | --- | --- | --- | --- | --- | --- |
| Benzene | ND | --- | 12.5 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Bromobenzene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Bromochloromethane | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Bromodichloromethane | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Bromoform | ND | --- | 50.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Bromomethane | ND | --- | 500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 2-Butanone (MEK) | ND | --- | 500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| n-Butylbenzene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| sec-Butylbenzene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| tert-Butylbenzene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Carbon tetrachloride | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Chlorobenzene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Chloroethane | ND | --- | 500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Chloroform | ND | --- | 250 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Chloromethane | ND | --- | 250 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 2-Chlorotoluene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 4-Chlorotoluene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,2-Dibromo-3-chloropropane | ND | --- | 100 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Dibromochloromethane | ND | --- | 50.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,2-Dibromoethane (EDB) | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Dibromomethane | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,2-Dichlorobenzene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,3-Dichlorobenzene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,4-Dichlorobenzene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Dichlorodifluoromethane | ND | --- | 50.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,1-Dichloroethane | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,2-Dichloroethane (EDC) | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,1-Dichloroethene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| cis-1,2-Dichloroethene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| trans-1,2-Dichloroethene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,2-Dichloropropane | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,3-Dichloropropane | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 2,2-Dichloropropane | ND | --- | 50.0 | " | " | --- | --- | --- | --- | --- | --- | --- |

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Kennedy Jenks

200 SW Market St., Suite 500
 Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.20
 Project Manager: Gregg Bryden

Reported:

10/08/08 14:54

QUALITY CONTROL (QC) SAMPLE RESULTS

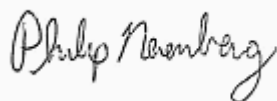
Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting Limit | Units | Dil. | Spike Amount | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|----------------------------------|--------|-----|-----------------|-----------|------|---------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 8090309 - EPA 5035A | | | | | | Soil | | | | | | |
| Blank (8090309-BLK1) | | | | | | Analyzed: 10/01/08 10:21 | | | | | | |
| 1,1-Dichloropropene | ND | --- | 25.0 | ug/kg wet | " | --- | --- | --- | --- | --- | --- | |
| cis-1,3-Dichloropropene | ND | --- | 50.0 | " | " | --- | --- | --- | --- | --- | --- | |
| trans-1,3-Dichloropropene | ND | --- | 50.0 | " | " | --- | --- | --- | --- | --- | --- | |
| Ethylbenzene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | |
| Hexachlorobutadiene | ND | --- | 100 | " | " | --- | --- | --- | --- | --- | --- | |
| 2-Hexanone | ND | --- | 500 | " | " | --- | --- | --- | --- | --- | --- | |
| Isopropylbenzene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | |
| 4-Isopropyltoluene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | |
| 4-Methyl-2-pentanone (MiBK) | ND | --- | 500 | " | " | --- | --- | --- | --- | --- | --- | |
| Methyl tert-butyl ether (MTBE) | ND | --- | 50.0 | " | " | --- | --- | --- | --- | --- | --- | |
| Methylene chloride | ND | --- | 250 | " | " | --- | --- | --- | --- | --- | --- | |
| Naphthalene | ND | --- | 250 | " | " | --- | --- | --- | --- | --- | --- | |
| n-Propylbenzene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | |
| Styrene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,1,1,2-Tetrachloroethane | ND | --- | 50.0 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,1,2,2-Tetrachloroethane | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | |
| Tetrachloroethene (PCE) | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | |
| Toluene | ND | --- | 100 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,2,3-Trichlorobenzene | ND | --- | 100 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,2,4-Trichlorobenzene | ND | --- | 100 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,1,1-Trichloroethane | ND | --- | 50.0 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,1,2-Trichloroethane | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | |
| Trichloroethene (TCE) | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | |
| Trichlorofluoromethane | ND | --- | 250 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,2,3-Trichloropropane | ND | --- | 50.0 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,2,4-Trimethylbenzene | ND | --- | 50.0 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,3,5-Trimethylbenzene | ND | --- | 50.0 | " | " | --- | --- | --- | --- | --- | --- | |
| Vinyl chloride | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | |
| m,p-Xylene | ND | --- | 50.0 | " | " | --- | --- | --- | --- | --- | --- | |
| o-Xylene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | |

| | | | |
|--|-----------------------|-------------------------|---------------------|
| <i>Surr: Dibromofluoromethane (Surr)</i> | <i>Recovery: 98 %</i> | <i>Limits: 70-130 %</i> | <i>Dilution: 1x</i> |
| <i>1,4-Difluorobenzene (Surr)</i> | <i>102 %</i> | <i>70-130 %</i> | <i>"</i> |
| <i>Toluene-d8 (Surr)</i> | <i>97 %</i> | <i>70-130 %</i> | <i>"</i> |
| <i>4-Bromofluorobenzene (Surr)</i> | <i>100 %</i> | <i>70-130 %</i> | <i>"</i> |

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200 SW Market St., Suite 500
 Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.20
 Project Manager: Gregg Bryden

Reported:
 10/08/08 14:54

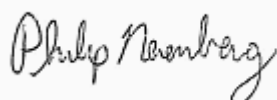
QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting Limit | Units | Dil. | Spike Amount | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|----------------------------------|--------|-----|-----------------|-----------|------|---------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 8090309 - EPA 5035A | | | | | | Soil | | | | | | |
| LCS (8090309-BS1) | | | | | | Analyzed: 10/01/08 09:26 | | | | | | |
| 5035/8260B | | | | | | | | | | | | |
| Acetone | 1900 | --- | 1000 | ug/kg wet | 50 | 2000 | --- | 95 | 65-135% | --- | --- | |
| Benzene | 1050 | --- | 12.5 | " | " | 1000 | --- | 105 | " | --- | --- | |
| Bromobenzene | 992 | --- | 25.0 | " | " | " | --- | 99 | " | --- | --- | |
| Bromochloromethane | 996 | --- | 25.0 | " | " | " | --- | 100 | " | --- | --- | |
| Bromodichloromethane | 1010 | --- | 25.0 | " | " | " | --- | 101 | " | --- | --- | |
| Bromoform | 1030 | --- | 50.0 | " | " | " | --- | 103 | " | --- | --- | |
| Bromomethane | 1130 | --- | 500 | " | " | " | --- | 113 | " | --- | --- | |
| 2-Butanone (MEK) | 1900 | --- | 500 | " | " | 2000 | --- | 95 | " | --- | --- | |
| n-Butylbenzene | 986 | --- | 25.0 | " | " | 1000 | --- | 99 | " | --- | --- | |
| sec-Butylbenzene | 1060 | --- | 25.0 | " | " | " | --- | 106 | " | --- | --- | |
| tert-Butylbenzene | 1040 | --- | 25.0 | " | " | " | --- | 104 | " | --- | --- | |
| Carbon tetrachloride | 950 | --- | 25.0 | " | " | " | --- | 95 | " | --- | --- | |
| Chlorobenzene | 1020 | --- | 25.0 | " | " | " | --- | 102 | " | --- | --- | |
| Chloroethane | 930 | --- | 500 | " | " | " | --- | 93 | " | --- | --- | |
| Chloroform | 1040 | --- | 250 | " | " | " | --- | 104 | " | --- | --- | |
| Chloromethane | 920 | --- | 250 | " | " | " | --- | 92 | " | --- | --- | |
| 2-Chlorotoluene | 994 | --- | 25.0 | " | " | " | --- | 99 | " | --- | --- | |
| 4-Chlorotoluene | 1010 | --- | 25.0 | " | " | " | --- | 101 | " | --- | --- | |
| 1,2-Dibromo-3-chloropropane | 1060 | --- | 100 | " | " | " | --- | 106 | " | --- | --- | |
| Dibromochloromethane | 1090 | --- | 50.0 | " | " | " | --- | 109 | " | --- | --- | |
| 1,2-Dibromoethane (EDB) | 1070 | --- | 25.0 | " | " | " | --- | 107 | " | --- | --- | |
| Dibromomethane | 1140 | --- | 25.0 | " | " | " | --- | 114 | " | --- | --- | |
| 1,2-Dichlorobenzene | 1050 | --- | 25.0 | " | " | " | --- | 105 | " | --- | --- | |
| 1,3-Dichlorobenzene | 1020 | --- | 25.0 | " | " | " | --- | 102 | " | --- | --- | |
| 1,4-Dichlorobenzene | 1010 | --- | 25.0 | " | " | " | --- | 101 | " | --- | --- | |
| Dichlorodifluoromethane | 938 | --- | 50.0 | " | " | " | --- | 94 | " | --- | --- | |
| 1,1-Dichloroethane | 1010 | --- | 25.0 | " | " | " | --- | 101 | " | --- | --- | |
| 1,2-Dichloroethane (EDC) | 964 | --- | 25.0 | " | " | " | --- | 96 | " | --- | --- | |
| 1,1-Dichloroethene | 984 | --- | 25.0 | " | " | " | --- | 98 | " | --- | --- | |
| cis-1,2-Dichloroethene | 997 | --- | 25.0 | " | " | " | --- | 100 | " | --- | --- | |
| trans-1,2-Dichloroethene | 966 | --- | 25.0 | " | " | " | --- | 97 | " | --- | --- | |
| 1,2-Dichloropropane | 1070 | --- | 25.0 | " | " | " | --- | 107 | " | --- | --- | |
| 1,3-Dichloropropane | 1050 | --- | 25.0 | " | " | " | --- | 105 | " | --- | --- | |
| 2,2-Dichloropropane | 864 | --- | 50.0 | " | " | " | --- | 86 | " | --- | --- | |

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Kennedy Jenks

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 Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.20
 Project Manager: Gregg Bryden

Reported:
 10/08/08 14:54

QUALITY CONTROL (QC) SAMPLE RESULTS

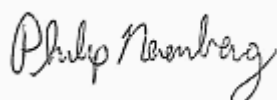
Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting Limit | Units | Dil. | Spike Amount | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|----------------------------------|--------|-----|-----------------|-----------|------|---------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 8090309 - EPA 5035A | | | | | | Soil | | | | | | |
| LCS (8090309-BS1) | | | | | | Analyzed: 10/01/08 09:26 | | | | | | |
| 1,1-Dichloropropene | 960 | --- | 25.0 | ug/kg wet | " | " | --- | 96 | " | --- | --- | |
| cis-1,3-Dichloropropene | 1060 | --- | 50.0 | " | " | " | --- | 106 | " | --- | --- | |
| trans-1,3-Dichloropropene | 1070 | --- | 50.0 | " | " | " | --- | 107 | " | --- | --- | |
| Ethylbenzene | 992 | --- | 25.0 | " | " | " | --- | 99 | " | --- | --- | |
| Hexachlorobutadiene | 1060 | --- | 100 | " | " | " | --- | 106 | " | --- | --- | |
| 2-Hexanone | 1900 | --- | 500 | " | " | 2000 | --- | 95 | " | --- | --- | |
| Isopropylbenzene | 1040 | --- | 25.0 | " | " | 1000 | --- | 104 | " | --- | --- | |
| 4-Isopropyltoluene | 996 | --- | 25.0 | " | " | " | --- | 100 | " | --- | --- | |
| 4-Methyl-2-pentanone (MiBK) | 1950 | --- | 500 | " | " | 2000 | --- | 98 | " | --- | --- | |
| Methyl tert-butyl ether (MTBE) | 994 | --- | 50.0 | " | " | 1000 | --- | 99 | " | --- | --- | |
| Methylene chloride | 975 | --- | 250 | " | " | " | --- | 98 | " | --- | --- | |
| Naphthalene | 978 | --- | 250 | " | " | " | --- | 98 | " | --- | --- | |
| n-Propylbenzene | 1000 | --- | 25.0 | " | " | " | --- | 100 | " | --- | --- | |
| Styrene | 1080 | --- | 25.0 | " | " | " | --- | 108 | " | --- | --- | |
| 1,1,1,2-Tetrachloroethane | 1000 | --- | 50.0 | " | " | " | --- | 100 | " | --- | --- | |
| 1,1,2,2-Tetrachloroethane | 1010 | --- | 25.0 | " | " | " | --- | 101 | " | --- | --- | |
| Tetrachloroethene (PCE) | 1030 | --- | 25.0 | " | " | " | --- | 103 | " | --- | --- | |
| Toluene | 982 | --- | 100 | " | " | " | --- | 98 | " | --- | --- | |
| 1,2,3-Trichlorobenzene | 1010 | --- | 100 | " | " | " | --- | 101 | " | --- | --- | |
| 1,2,4-Trichlorobenzene | 986 | --- | 100 | " | " | " | --- | 99 | " | --- | --- | |
| 1,1,1-Trichloroethane | 958 | --- | 50.0 | " | " | " | --- | 96 | " | --- | --- | |
| 1,1,2-Trichloroethane | 1010 | --- | 25.0 | " | " | " | --- | 101 | " | --- | --- | |
| Trichloroethene (TCE) | 1050 | --- | 25.0 | " | " | " | --- | 105 | " | --- | --- | |
| Trichlorofluoromethane | 1010 | --- | 250 | " | " | " | --- | 101 | " | --- | --- | |
| 1,2,3-Trichloropropane | 995 | --- | 50.0 | " | " | " | --- | 100 | " | --- | --- | |
| 1,2,4-Trimethylbenzene | 1070 | --- | 50.0 | " | " | " | --- | 107 | " | --- | --- | |
| 1,3,5-Trimethylbenzene | 1050 | --- | 50.0 | " | " | " | --- | 105 | " | --- | --- | |
| Vinyl chloride | 996 | --- | 25.0 | " | " | " | --- | 100 | " | --- | --- | |
| m,p-Xylene | 2020 | --- | 50.0 | " | " | 2000 | --- | 101 | " | --- | --- | |
| o-Xylene | 1010 | --- | 25.0 | " | " | 1000 | --- | 101 | " | --- | --- | |

| | | | |
|--|-----------------------|-------------------------|---------------------|
| <i>Surr: Dibromofluoromethane (Surr)</i> | <i>Recovery: 99 %</i> | <i>Limits: 70-130 %</i> | <i>Dilution: 1x</i> |
| <i>1,4-Difluorobenzene (Surr)</i> | <i>101 %</i> | <i>70-130 %</i> | <i>"</i> |
| <i>Toluene-d8 (Surr)</i> | <i>96 %</i> | <i>70-130 %</i> | <i>"</i> |
| <i>4-Bromofluorobenzene (Surr)</i> | <i>99 %</i> | <i>70-130 %</i> | <i>"</i> |

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Philip Nerenberg, Lab Director

Kennedy Jenks

200 SW Market St., Suite 500
 Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.20
 Project Manager: Gregg Bryden

Reported:
 10/08/08 14:54

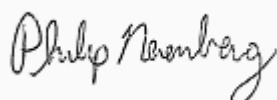
QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting Limit | Units | Dil. | Spike Amount | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|----------------------------------|--------|-----|-----------------|-------|------|---------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 8090313 - EPA 5030B | | | | | | Water | | | | | | |
| Blank (8090313-BLK1) | | | | | | Analyzed: 09/26/08 11:58 | | | | | | |
| EPA 8260B | | | | | | | | | | | | |
| Acetone | ND | --- | 20.0 | ug/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| Benzene | ND | --- | 0.250 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Bromobenzene | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Bromochloromethane | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Bromodichloromethane | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Bromoform | ND | --- | 1.00 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Bromomethane | ND | --- | 5.00 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 2-Butanone (MEK) | ND | --- | 10.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| n-Butylbenzene | ND | --- | 1.00 | " | " | --- | --- | --- | --- | --- | --- | --- |
| sec-Butylbenzene | ND | --- | 10.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| tert-Butylbenzene | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Carbon tetrachloride | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Chlorobenzene | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Chloroethane | ND | --- | 2.00 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Chloroform | ND | --- | 2.00 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Chloromethane | ND | --- | 5.00 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 2-Chlorotoluene | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 4-Chlorotoluene | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,2-Dibromo-3-chloropropane | ND | --- | 5.00 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Dibromochloromethane | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,2-Dibromoethane (EDB) | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Dibromomethane | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,2-Dichlorobenzene | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,3-Dichlorobenzene | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,4-Dichlorobenzene | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Dichlorodifluoromethane | ND | --- | 1.00 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,1-Dichloroethane | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,2-Dichloroethane (EDC) | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,1-Dichloroethene | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| cis-1,2-Dichloroethene | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| trans-1,2-Dichloroethene | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,2-Dichloropropane | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,3-Dichloropropane | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 2,2-Dichloropropane | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |

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Kennedy Jenks

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 Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.20
 Project Manager: Gregg Bryden

Reported:
 10/08/08 14:54

QUALITY CONTROL (QC) SAMPLE RESULTS

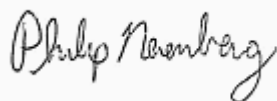
Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting Limit | Units | Dil. | Spike Amount | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|----------------------------------|--------|-----|-----------------|-------|------|---------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 8090313 - EPA 5030B | | | | | | Water | | | | | | |
| Blank (8090313-BLK1) | | | | | | Analyzed: 09/26/08 11:58 | | | | | | |
| 1,1-Dichloropropene | ND | --- | 0.500 | ug/L | " | --- | --- | --- | --- | --- | --- | |
| cis-1,3-Dichloropropene | ND | --- | 1.00 | " | " | --- | --- | --- | --- | --- | --- | |
| trans-1,3-Dichloropropene | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | |
| Ethylbenzene | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | |
| Hexachlorobutadiene | ND | --- | 5.00 | " | " | --- | --- | --- | --- | --- | --- | |
| 2-Hexanone | ND | --- | 10.0 | " | " | --- | --- | --- | --- | --- | --- | |
| Isopropylbenzene | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | |
| 4-Isopropyltoluene | ND | --- | 1.00 | " | " | --- | --- | --- | --- | --- | --- | |
| 4-Methyl-2-pentanone (MiBK) | ND | --- | 10.0 | " | " | --- | --- | --- | --- | --- | --- | |
| Methyl tert-butyl ether (MTBE) | ND | --- | 1.00 | " | " | --- | --- | --- | --- | --- | --- | |
| Methylene chloride | ND | --- | 5.00 | " | " | --- | --- | --- | --- | --- | --- | |
| Naphthalene | ND | --- | 5.00 | " | " | --- | --- | --- | --- | --- | --- | |
| n-Propylbenzene | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | |
| Styrene | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,1,1,2-Tetrachloroethane | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,1,2,2-Tetrachloroethane | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | |
| Tetrachloroethene (PCE) | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | |
| Toluene | ND | --- | 1.00 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,2,3-Trichlorobenzene | ND | --- | 5.00 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,2,4-Trichlorobenzene | ND | --- | 5.00 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,1,1-Trichloroethane | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,1,2-Trichloroethane | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | |
| Trichloroethene (TCE) | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | |
| Trichlorofluoromethane | ND | --- | 1.00 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,2,3-Trichloropropane | ND | --- | 1.00 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,2,4-Trimethylbenzene | ND | --- | 1.00 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,3,5-Trimethylbenzene | ND | --- | 1.00 | " | " | --- | --- | --- | --- | --- | --- | |
| Vinyl chloride | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | |
| m,p-Xylene | ND | --- | 1.00 | " | " | --- | --- | --- | --- | --- | --- | |
| o-Xylene | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | |

| | | | |
|--|------------------------|-------------------------|---------------------|
| <i>Surr: Dibromofluoromethane (Surr)</i> | <i>Recovery: 106 %</i> | <i>Limits: 80-120 %</i> | <i>Dilution: 1x</i> |
| <i>1,4-Difluorobenzene (Surr)</i> | <i>103 %</i> | <i>80-120 %</i> | <i>"</i> |
| <i>Toluene-d8 (Surr)</i> | <i>98 %</i> | <i>80-120 %</i> | <i>"</i> |
| <i>4-Bromofluorobenzene (Surr)</i> | <i>107 %</i> | <i>80-120 %</i> | <i>"</i> |

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Project: **Former Apex Winery**

Project Number: 0792027.20
 Project Manager: Gregg Bryden

Reported:
 10/08/08 14:54

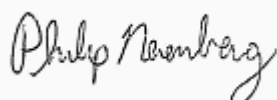
QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting Limit | Units | Dil. | Spike Amount | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|----------------------------------|--------|-----|-----------------|-------|------|---------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 8090313 - EPA 5030B | | | | | | Water | | | | | | |
| LCS (8090313-BS1) | | | | | | Analyzed: 09/26/08 10:57 | | | | | | |
| EPA 8260B | | | | | | | | | | | | |
| Acetone | 39.1 | --- | 20.0 | ug/L | 1 | 40.0 | --- | 98 | 70-130% | --- | --- | |
| Benzene | 21.8 | --- | 0.250 | " | " | 20.0 | --- | 109 | " | --- | --- | |
| Bromobenzene | 20.1 | --- | 0.500 | " | " | " | --- | 101 | " | --- | --- | |
| Bromochloromethane | 23.1 | --- | 0.500 | " | " | " | --- | 115 | " | --- | --- | |
| Bromodichloromethane | 22.0 | --- | 0.500 | " | " | " | --- | 110 | " | --- | --- | |
| Bromoform | 22.2 | --- | 1.00 | " | " | " | --- | 111 | " | --- | --- | |
| Bromomethane | 22.5 | --- | 5.00 | " | " | " | --- | 113 | " | --- | --- | |
| 2-Butanone (MEK) | 40.9 | --- | 10.0 | " | " | 40.0 | --- | 102 | " | --- | --- | |
| n-Butylbenzene | 21.7 | --- | 1.00 | " | " | 20.0 | --- | 108 | " | --- | --- | |
| sec-Butylbenzene | 22.3 | --- | 10.0 | " | " | " | --- | 112 | " | --- | --- | |
| tert-Butylbenzene | 22.2 | --- | 0.500 | " | " | " | --- | 111 | " | --- | --- | |
| Carbon tetrachloride | 23.9 | --- | 0.500 | " | " | " | --- | 120 | " | --- | --- | |
| Chlorobenzene | 20.5 | --- | 0.500 | " | " | " | --- | 103 | " | --- | --- | |
| Chloroethane | 18.4 | --- | 2.00 | " | " | " | --- | 92 | " | --- | --- | |
| Chloroform | 20.7 | --- | 2.00 | " | " | " | --- | 104 | " | --- | --- | |
| Chloromethane | 20.3 | --- | 5.00 | " | " | " | --- | 102 | " | --- | --- | |
| 2-Chlorotoluene | 22.4 | --- | 0.500 | " | " | " | --- | 112 | " | --- | --- | |
| 4-Chlorotoluene | 22.8 | --- | 0.500 | " | " | " | --- | 114 | " | --- | --- | |
| 1,2-Dibromo-3-chloropropane | 20.2 | --- | 5.00 | " | " | " | --- | 101 | " | --- | --- | |
| Dibromochloromethane | 21.8 | --- | 0.500 | " | " | " | --- | 109 | " | --- | --- | |
| 1,2-Dibromoethane (EDB) | 22.1 | --- | 0.500 | " | " | " | --- | 111 | " | --- | --- | |
| Dibromomethane | 21.4 | --- | 0.500 | " | " | " | --- | 107 | " | --- | --- | |
| 1,2-Dichlorobenzene | 22.3 | --- | 0.500 | " | " | " | --- | 111 | " | --- | --- | |
| 1,3-Dichlorobenzene | 22.7 | --- | 0.500 | " | " | " | --- | 113 | " | --- | --- | |
| 1,4-Dichlorobenzene | 20.2 | --- | 0.500 | " | " | " | --- | 101 | " | --- | --- | |
| Dichlorodifluoromethane | 24.0 | --- | 1.00 | " | " | " | --- | 120 | " | --- | --- | |
| 1,1-Dichloroethane | 21.8 | --- | 0.500 | " | " | " | --- | 109 | " | --- | --- | |
| 1,2-Dichloroethane (EDC) | 22.0 | --- | 0.500 | " | " | " | --- | 110 | " | --- | --- | |
| 1,1-Dichloroethene | 22.9 | --- | 0.500 | " | " | " | --- | 115 | " | --- | --- | |
| cis-1,2-Dichloroethene | 22.2 | --- | 0.500 | " | " | " | --- | 111 | " | --- | --- | |
| trans-1,2-Dichloroethene | 22.5 | --- | 0.500 | " | " | " | --- | 113 | " | --- | --- | |
| 1,2-Dichloropropane | 22.8 | --- | 0.500 | " | " | " | --- | 114 | " | --- | --- | |
| 1,3-Dichloropropane | 22.1 | --- | 0.500 | " | " | " | --- | 110 | " | --- | --- | |
| 2,2-Dichloropropane | 21.5 | --- | 0.500 | " | " | " | --- | 107 | " | --- | --- | |

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Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.20
Project Manager: Gregg Bryden

Reported:
10/08/08 14:54

QUALITY CONTROL (QC) SAMPLE RESULTS

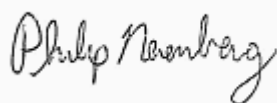
Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting Limit | Units | Dil. | Spike Amount | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|----------------------------------|--------|-----|-----------------|-------|------|---------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 8090313 - EPA 5030B | | | | | | Water | | | | | | |
| LCS (8090313-BS1) | | | | | | Analyzed: 09/26/08 10:57 | | | | | | |
| 1,1-Dichloropropene | 23.1 | --- | 0.500 | ug/L | " | " | --- | 115 | " | --- | --- | |
| cis-1,3-Dichloropropene | 22.4 | --- | 1.00 | " | " | " | --- | 112 | " | --- | --- | |
| trans-1,3-Dichloropropene | 23.2 | --- | 0.500 | " | " | " | --- | 116 | " | --- | --- | |
| Ethylbenzene | 21.8 | --- | 0.500 | " | " | " | --- | 109 | " | --- | --- | |
| Hexachlorobutadiene | 24.0 | --- | 5.00 | " | " | " | --- | 120 | " | --- | --- | |
| 2-Hexanone | 40.4 | --- | 10.0 | " | " | 40.0 | --- | 101 | " | --- | --- | |
| Isopropylbenzene | 22.5 | --- | 0.500 | " | " | 20.0 | --- | 112 | " | --- | --- | |
| 4-Isopropyltoluene | 21.4 | --- | 1.00 | " | " | " | --- | 107 | " | --- | --- | |
| 4-Methyl-2-pentanone (MiBK) | 40.6 | --- | 10.0 | " | " | 40.0 | --- | 101 | " | --- | --- | |
| Methyl tert-butyl ether (MTBE) | 23.8 | --- | 1.00 | " | " | 20.0 | --- | 119 | " | --- | --- | |
| Methylene chloride | 21.4 | --- | 5.00 | " | " | " | --- | 107 | " | --- | --- | |
| Naphthalene | 21.7 | --- | 5.00 | " | " | " | --- | 109 | " | --- | --- | |
| n-Propylbenzene | 22.5 | --- | 0.500 | " | " | " | --- | 112 | " | --- | --- | |
| Styrene | 22.2 | --- | 0.500 | " | " | " | --- | 111 | " | --- | --- | |
| 1,1,1,2-Tetrachloroethane | 21.1 | --- | 0.500 | " | " | " | --- | 105 | " | --- | --- | |
| 1,1,2,2-Tetrachloroethane | 19.9 | --- | 0.500 | " | " | " | --- | 100 | " | --- | --- | |
| Tetrachloroethene (PCE) | 22.6 | --- | 0.500 | " | " | " | --- | 113 | " | --- | --- | |
| Toluene | 20.4 | --- | 1.00 | " | " | " | --- | 102 | " | --- | --- | |
| 1,2,3-Trichlorobenzene | 22.3 | --- | 5.00 | " | " | " | --- | 112 | " | --- | --- | |
| 1,2,4-Trichlorobenzene | 19.3 | --- | 5.00 | " | " | " | --- | 97 | " | --- | --- | |
| 1,1,1-Trichloroethane | 23.4 | --- | 0.500 | " | " | " | --- | 117 | " | --- | --- | |
| 1,1,2-Trichloroethane | 20.5 | --- | 0.500 | " | " | " | --- | 103 | " | --- | --- | |
| Trichloroethene (TCE) | 21.1 | --- | 0.500 | " | " | " | --- | 106 | " | --- | --- | |
| Trichlorofluoromethane | 23.5 | --- | 1.00 | " | " | " | --- | 118 | " | --- | --- | |
| 1,2,3-Trichloropropane | 19.7 | --- | 1.00 | " | " | " | --- | 98 | " | --- | --- | |
| 1,2,4-Trimethylbenzene | 22.2 | --- | 1.00 | " | " | " | --- | 111 | " | --- | --- | |
| 1,3,5-Trimethylbenzene | 23.1 | --- | 1.00 | " | " | " | --- | 115 | " | --- | --- | |
| Vinyl chloride | 22.0 | --- | 0.500 | " | " | " | --- | 110 | " | --- | --- | |
| m,p-Xylene | 47.4 | --- | 1.00 | " | " | 40.0 | --- | 119 | " | --- | --- | |
| o-Xylene | 22.1 | --- | 0.500 | " | " | 20.0 | --- | 111 | " | --- | --- | |

| | | | |
|--|------------------------|-------------------------|---------------------|
| <i>Surr: Dibromofluoromethane (Surr)</i> | <i>Recovery: 105 %</i> | <i>Limits: 80-120 %</i> | <i>Dilution: 1x</i> |
| <i>1,4-Difluorobenzene (Surr)</i> | <i>102 %</i> | <i>80-120 %</i> | <i>"</i> |
| <i>Toluene-d8 (Surr)</i> | <i>98 %</i> | <i>80-120 %</i> | <i>"</i> |
| <i>4-Bromofluorobenzene (Surr)</i> | <i>99 %</i> | <i>80-120 %</i> | <i>"</i> |

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Philip Nerenberg, Lab Director

Kennedy Jenks

200 SW Market St., Suite 500
 Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.20
 Project Manager: Gregg Bryden

Reported:
 10/08/08 14:54

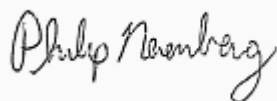
QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting Limit | Units | Dil. | Spike Amount | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|----------------------------------|--------|-----|-----------------|-------|------|---------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 8100002 - EPA 5030B | | | | | | Water | | | | | | |
| Blank (8100002-BLK1) | | | | | | Analyzed: 10/01/08 11:43 | | | | | | |
| EPA 8260B | | | | | | | | | | | | |
| Acetone | ND | --- | 20.0 | ug/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| Benzene | ND | --- | 0.250 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Bromobenzene | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Bromochloromethane | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Bromodichloromethane | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Bromoform | ND | --- | 1.00 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Bromomethane | ND | --- | 5.00 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 2-Butanone (MEK) | ND | --- | 10.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| n-Butylbenzene | ND | --- | 1.00 | " | " | --- | --- | --- | --- | --- | --- | --- |
| sec-Butylbenzene | ND | --- | 10.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| tert-Butylbenzene | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Carbon tetrachloride | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Chlorobenzene | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Chloroethane | ND | --- | 2.00 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Chloroform | ND | --- | 2.00 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Chloromethane | ND | --- | 5.00 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 2-Chlorotoluene | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 4-Chlorotoluene | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,2-Dibromo-3-chloropropane | ND | --- | 5.00 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Dibromochloromethane | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,2-Dibromoethane (EDB) | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Dibromomethane | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,2-Dichlorobenzene | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,3-Dichlorobenzene | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,4-Dichlorobenzene | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Dichlorodifluoromethane | ND | --- | 1.00 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,1-Dichloroethane | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,2-Dichloroethane (EDC) | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,1-Dichloroethene | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| cis-1,2-Dichloroethene | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| trans-1,2-Dichloroethene | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,2-Dichloropropane | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,3-Dichloropropane | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 2,2-Dichloropropane | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | --- |

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Project Number: 0792027.20
 Project Manager: Gregg Bryden

Reported:
 10/08/08 14:54

QUALITY CONTROL (QC) SAMPLE RESULTS

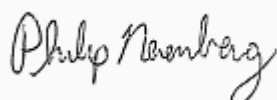
Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting Limit | Units | Dil. | Spike Amount | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|----------------------------------|--------|-----|-----------------|-------|------|---------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 8100002 - EPA 5030B | | | | | | Water | | | | | | |
| Blank (8100002-BLK1) | | | | | | Analyzed: 10/01/08 11:43 | | | | | | |
| 1,1-Dichloropropene | ND | --- | 0.500 | ug/L | " | --- | --- | --- | --- | --- | --- | |
| cis-1,3-Dichloropropene | ND | --- | 1.00 | " | " | --- | --- | --- | --- | --- | --- | |
| trans-1,3-Dichloropropene | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | |
| Ethylbenzene | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | |
| Hexachlorobutadiene | ND | --- | 5.00 | " | " | --- | --- | --- | --- | --- | --- | |
| 2-Hexanone | ND | --- | 10.0 | " | " | --- | --- | --- | --- | --- | --- | |
| Isopropylbenzene | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | |
| 4-Isopropyltoluene | ND | --- | 1.00 | " | " | --- | --- | --- | --- | --- | --- | |
| 4-Methyl-2-pentanone (MiBK) | ND | --- | 10.0 | " | " | --- | --- | --- | --- | --- | --- | |
| Methyl tert-butyl ether (MTBE) | ND | --- | 1.00 | " | " | --- | --- | --- | --- | --- | --- | |
| Methylene chloride | ND | --- | 5.00 | " | " | --- | --- | --- | --- | --- | --- | |
| Naphthalene | ND | --- | 5.00 | " | " | --- | --- | --- | --- | --- | --- | |
| n-Propylbenzene | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | |
| Styrene | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,1,1,2-Tetrachloroethane | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,1,2,2-Tetrachloroethane | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | |
| Tetrachloroethene (PCE) | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | |
| Toluene | ND | --- | 1.00 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,2,3-Trichlorobenzene | ND | --- | 5.00 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,2,4-Trichlorobenzene | ND | --- | 5.00 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,1,1-Trichloroethane | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,1,2-Trichloroethane | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | |
| Trichloroethene (TCE) | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | |
| Trichlorofluoromethane | ND | --- | 1.00 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,2,3-Trichloropropane | ND | --- | 1.00 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,2,4-Trimethylbenzene | ND | --- | 1.00 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,3,5-Trimethylbenzene | ND | --- | 1.00 | " | " | --- | --- | --- | --- | --- | --- | |
| Vinyl chloride | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | |
| m,p-Xylene | ND | --- | 1.00 | " | " | --- | --- | --- | --- | --- | --- | |
| o-Xylene | ND | --- | 0.500 | " | " | --- | --- | --- | --- | --- | --- | |

| | | | |
|--|------------------------|-------------------------|---------------------|
| <i>Surr: Dibromofluoromethane (Surr)</i> | <i>Recovery: 102 %</i> | <i>Limits: 80-120 %</i> | <i>Dilution: 1x</i> |
| <i>1,4-Difluorobenzene (Surr)</i> | <i>98 %</i> | <i>80-120 %</i> | <i>"</i> |
| <i>Toluene-d8 (Surr)</i> | <i>97 %</i> | <i>80-120 %</i> | <i>"</i> |
| <i>4-Bromofluorobenzene (Surr)</i> | <i>112 %</i> | <i>80-120 %</i> | <i>"</i> |

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Reported:
 10/08/08 14:54

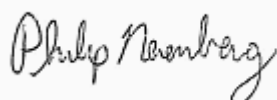
QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting Limit | Units | Dil. | Spike Amount | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|----------------------------------|--------|-----|-----------------|-------|------|---------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 8100002 - EPA 5030B | | | | | | Water | | | | | | |
| LCS (8100002-BS1) | | | | | | Analyzed: 10/01/08 10:42 | | | | | | |
| EPA 8260B | | | | | | | | | | | | |
| Acetone | 34.2 | --- | 20.0 | ug/L | 1 | 40.0 | --- | 85 | 70-130% | --- | --- | |
| Benzene | 21.2 | --- | 0.250 | " | " | 20.0 | --- | 106 | " | --- | --- | |
| Bromobenzene | 19.9 | --- | 0.500 | " | " | " | --- | 100 | " | --- | --- | |
| Bromochloromethane | 22.8 | --- | 0.500 | " | " | " | --- | 114 | " | --- | --- | |
| Bromodichloromethane | 22.0 | --- | 0.500 | " | " | " | --- | 110 | " | --- | --- | |
| Bromoform | 24.7 | --- | 1.00 | " | " | " | --- | 123 | " | --- | --- | |
| Bromomethane | 18.2 | --- | 5.00 | " | " | " | --- | 91 | " | --- | --- | |
| 2-Butanone (MEK) | 39.2 | --- | 10.0 | " | " | 40.0 | --- | 98 | " | --- | --- | |
| n-Butylbenzene | 20.2 | --- | 1.00 | " | " | 20.0 | --- | 101 | " | --- | --- | |
| sec-Butylbenzene | 21.2 | --- | 10.0 | " | " | " | --- | 106 | " | --- | --- | |
| tert-Butylbenzene | 20.8 | --- | 0.500 | " | " | " | --- | 104 | " | --- | --- | |
| Carbon tetrachloride | 24.4 | --- | 0.500 | " | " | " | --- | 122 | " | --- | --- | |
| Chlorobenzene | 20.8 | --- | 0.500 | " | " | " | --- | 104 | " | --- | --- | |
| Chloroethane | 16.7 | --- | 2.00 | " | " | " | --- | 83 | " | --- | --- | |
| Chloroform | 20.3 | --- | 2.00 | " | " | " | --- | 102 | " | --- | --- | |
| Chloromethane | 19.8 | --- | 5.00 | " | " | " | --- | 99 | " | --- | --- | |
| 2-Chlorotoluene | 20.9 | --- | 0.500 | " | " | " | --- | 105 | " | --- | --- | |
| 4-Chlorotoluene | 21.6 | --- | 0.500 | " | " | " | --- | 108 | " | --- | --- | |
| 1,2-Dibromo-3-chloropropane | 21.3 | --- | 5.00 | " | " | " | --- | 106 | " | --- | --- | |
| Dibromochloromethane | 22.0 | --- | 0.500 | " | " | " | --- | 110 | " | --- | --- | |
| 1,2-Dibromoethane (EDB) | 21.5 | --- | 0.500 | " | " | " | --- | 107 | " | --- | --- | |
| Dibromomethane | 20.7 | --- | 0.500 | " | " | " | --- | 104 | " | --- | --- | |
| 1,2-Dichlorobenzene | 21.8 | --- | 0.500 | " | " | " | --- | 109 | " | --- | --- | |
| 1,3-Dichlorobenzene | 22.3 | --- | 0.500 | " | " | " | --- | 111 | " | --- | --- | |
| 1,4-Dichlorobenzene | 19.2 | --- | 0.500 | " | " | " | --- | 96 | " | --- | --- | |
| Dichlorodifluoromethane | 22.0 | --- | 1.00 | " | " | " | --- | 110 | " | --- | --- | |
| 1,1-Dichloroethane | 21.2 | --- | 0.500 | " | " | " | --- | 106 | " | --- | --- | |
| 1,2-Dichloroethane (EDC) | 21.3 | --- | 0.500 | " | " | " | --- | 106 | " | --- | --- | |
| 1,1-Dichloroethene | 22.4 | --- | 0.500 | " | " | " | --- | 112 | " | --- | --- | |
| cis-1,2-Dichloroethene | 21.6 | --- | 0.500 | " | " | " | --- | 108 | " | --- | --- | |
| trans-1,2-Dichloroethene | 21.5 | --- | 0.500 | " | " | " | --- | 108 | " | --- | --- | |
| 1,2-Dichloropropane | 22.3 | --- | 0.500 | " | " | " | --- | 112 | " | --- | --- | |
| 1,3-Dichloropropane | 21.5 | --- | 0.500 | " | " | " | --- | 108 | " | --- | --- | |
| 2,2-Dichloropropane | 21.0 | --- | 0.500 | " | " | " | --- | 105 | " | --- | --- | |

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QUALITY CONTROL (QC) SAMPLE RESULTS

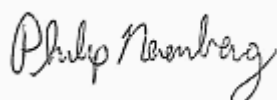
Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting Limit | Units | Dil. | Spike Amount | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|----------------------------------|--------|-----|-----------------|-------|------|---------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 8100002 - EPA 5030B | | | | | | Water | | | | | | |
| LCS (8100002-BS1) | | | | | | Analyzed: 10/01/08 10:42 | | | | | | |
| 1,1-Dichloropropene | 23.0 | --- | 0.500 | ug/L | " | " | --- | 115 | " | --- | --- | |
| cis-1,3-Dichloropropene | 22.0 | --- | 1.00 | " | " | " | --- | 110 | " | --- | --- | |
| trans-1,3-Dichloropropene | 23.1 | --- | 0.500 | " | " | " | --- | 116 | " | --- | --- | |
| Ethylbenzene | 21.5 | --- | 0.500 | " | " | " | --- | 108 | " | --- | --- | |
| Hexachlorobutadiene | 24.6 | --- | 5.00 | " | " | " | --- | 123 | " | --- | --- | |
| 2-Hexanone | 38.2 | --- | 10.0 | " | " | 40.0 | --- | 95 | " | --- | --- | |
| Isopropylbenzene | 22.0 | --- | 0.500 | " | " | 20.0 | --- | 110 | " | --- | --- | |
| 4-Isopropyltoluene | 20.8 | --- | 1.00 | " | " | " | --- | 104 | " | --- | --- | |
| 4-Methyl-2-pentanone (MiBK) | 40.3 | --- | 10.0 | " | " | 40.0 | --- | 101 | " | --- | --- | |
| Methyl tert-butyl ether (MTBE) | 23.2 | --- | 1.00 | " | " | 20.0 | --- | 116 | " | --- | --- | |
| Methylene chloride | 20.3 | --- | 5.00 | " | " | " | --- | 102 | " | --- | --- | |
| Naphthalene | 21.3 | --- | 5.00 | " | " | " | --- | 106 | " | --- | --- | |
| n-Propylbenzene | 20.8 | --- | 0.500 | " | " | " | --- | 104 | " | --- | --- | |
| Styrene | 21.2 | --- | 0.500 | " | " | " | --- | 106 | " | --- | --- | |
| 1,1,1,2-Tetrachloroethane | 21.1 | --- | 0.500 | " | " | " | --- | 105 | " | --- | --- | |
| 1,1,2,2-Tetrachloroethane | 19.7 | --- | 0.500 | " | " | " | --- | 98 | " | --- | --- | |
| Tetrachloroethene (PCE) | 23.2 | --- | 0.500 | " | " | " | --- | 116 | " | --- | --- | |
| Toluene | 20.1 | --- | 1.00 | " | " | " | --- | 100 | " | --- | --- | |
| 1,2,3-Trichlorobenzene | 21.9 | --- | 5.00 | " | " | " | --- | 109 | " | --- | --- | |
| 1,2,4-Trichlorobenzene | 19.6 | --- | 5.00 | " | " | " | --- | 98 | " | --- | --- | |
| 1,1,1-Trichloroethane | 23.6 | --- | 0.500 | " | " | " | --- | 118 | " | --- | --- | |
| 1,1,2-Trichloroethane | 20.5 | --- | 0.500 | " | " | " | --- | 103 | " | --- | --- | |
| Trichloroethene (TCE) | 21.4 | --- | 0.500 | " | " | " | --- | 107 | " | --- | --- | |
| Trichlorofluoromethane | 24.3 | --- | 1.00 | " | " | " | --- | 121 | " | --- | --- | |
| 1,2,3-Trichloropropane | 19.2 | --- | 1.00 | " | " | " | --- | 96 | " | --- | --- | |
| 1,2,4-Trimethylbenzene | 20.9 | --- | 1.00 | " | " | " | --- | 105 | " | --- | --- | |
| 1,3,5-Trimethylbenzene | 22.2 | --- | 1.00 | " | " | " | --- | 111 | " | --- | --- | |
| Vinyl chloride | 21.7 | --- | 0.500 | " | " | " | --- | 108 | " | --- | --- | |
| m,p-Xylene | 47.2 | --- | 1.00 | " | " | 40.0 | --- | 118 | " | --- | --- | |
| o-Xylene | 22.2 | --- | 0.500 | " | " | 20.0 | --- | 111 | " | --- | --- | |

| | | | |
|--|------------------------|-------------------------|---------------------|
| <i>Surr: Dibromofluoromethane (Surr)</i> | <i>Recovery: 100 %</i> | <i>Limits: 80-120 %</i> | <i>Dilution: 1x</i> |
| <i>1,4-Difluorobenzene (Surr)</i> | <i>98 %</i> | <i>80-120 %</i> | <i>"</i> |
| <i>Toluene-d8 (Surr)</i> | <i>94 %</i> | <i>80-120 %</i> | <i>"</i> |
| <i>4-Bromofluorobenzene (Surr)</i> | <i>101 %</i> | <i>80-120 %</i> | <i>"</i> |

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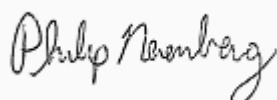
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Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting Limit | Units | Dil. | Spike Amount | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|----------------------------------|--------|-----|-----------------|-----------|------|---------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 8100038 - EPA 5035A | | | | | | Soil | | | | | | |
| Blank (8100038-BLK1) | | | | | | Analyzed: 10/03/08 10:33 | | | | | | |
| 5035/8260B | | | | | | | | | | | | |
| Acetone | ND | --- | 1000 | ug/kg wet | 50 | --- | --- | --- | --- | --- | --- | --- |
| Benzene | ND | --- | 12.5 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Bromobenzene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Bromochloromethane | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Bromodichloromethane | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Bromoform | ND | --- | 50.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Bromomethane | ND | --- | 500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 2-Butanone (MEK) | ND | --- | 500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| n-Butylbenzene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| sec-Butylbenzene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| tert-Butylbenzene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Carbon tetrachloride | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Chlorobenzene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Chloroethane | ND | --- | 500 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Chloroform | ND | --- | 250 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Chloromethane | ND | --- | 250 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 2-Chlorotoluene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 4-Chlorotoluene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,2-Dibromo-3-chloropropane | ND | --- | 100 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Dibromochloromethane | ND | --- | 50.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,2-Dibromoethane (EDB) | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Dibromomethane | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,2-Dichlorobenzene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,3-Dichlorobenzene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,4-Dichlorobenzene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| Dichlorodifluoromethane | ND | --- | 50.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,1-Dichloroethane | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,2-Dichloroethane (EDC) | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,1-Dichloroethene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| cis-1,2-Dichloroethene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| trans-1,2-Dichloroethene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,2-Dichloropropane | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 1,3-Dichloropropane | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | --- |
| 2,2-Dichloropropane | ND | --- | 50.0 | " | " | --- | --- | --- | --- | --- | --- | --- |

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Philip Nerenberg, Lab Director

Kennedy Jenks

200 SW Market St., Suite 500
 Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.20
 Project Manager: Gregg Bryden

Reported:
 10/08/08 14:54

QUALITY CONTROL (QC) SAMPLE RESULTS

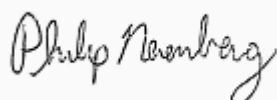
Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting Limit | Units | Dil. | Spike Amount | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|----------------------------------|--------|-----|-----------------|-----------|------|---------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 8100038 - EPA 5035A | | | | | | Soil | | | | | | |
| Blank (8100038-BLK1) | | | | | | Analyzed: 10/03/08 10:33 | | | | | | |
| 1,1-Dichloropropene | ND | --- | 25.0 | ug/kg wet | " | --- | --- | --- | --- | --- | --- | |
| cis-1,3-Dichloropropene | ND | --- | 50.0 | " | " | --- | --- | --- | --- | --- | --- | |
| trans-1,3-Dichloropropene | ND | --- | 50.0 | " | " | --- | --- | --- | --- | --- | --- | |
| Ethylbenzene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | |
| Hexachlorobutadiene | ND | --- | 100 | " | " | --- | --- | --- | --- | --- | --- | |
| 2-Hexanone | ND | --- | 500 | " | " | --- | --- | --- | --- | --- | --- | |
| Isopropylbenzene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | |
| 4-Isopropyltoluene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | |
| 4-Methyl-2-pentanone (MiBK) | ND | --- | 500 | " | " | --- | --- | --- | --- | --- | --- | |
| Methyl tert-butyl ether (MTBE) | ND | --- | 50.0 | " | " | --- | --- | --- | --- | --- | --- | |
| Methylene chloride | ND | --- | 250 | " | " | --- | --- | --- | --- | --- | --- | |
| Naphthalene | ND | --- | 250 | " | " | --- | --- | --- | --- | --- | --- | |
| n-Propylbenzene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | |
| Styrene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,1,1,2-Tetrachloroethane | ND | --- | 50.0 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,1,2,2-Tetrachloroethane | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | |
| Tetrachloroethene (PCE) | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | |
| Toluene | ND | --- | 100 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,2,3-Trichlorobenzene | ND | --- | 100 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,2,4-Trichlorobenzene | ND | --- | 100 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,1,1-Trichloroethane | ND | --- | 50.0 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,1,2-Trichloroethane | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | |
| Trichloroethene (TCE) | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | |
| Trichlorofluoromethane | ND | --- | 250 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,2,3-Trichloropropane | ND | --- | 50.0 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,2,4-Trimethylbenzene | ND | --- | 50.0 | " | " | --- | --- | --- | --- | --- | --- | |
| 1,3,5-Trimethylbenzene | ND | --- | 50.0 | " | " | --- | --- | --- | --- | --- | --- | |
| Vinyl chloride | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | |
| m,p-Xylene | ND | --- | 50.0 | " | " | --- | --- | --- | --- | --- | --- | |
| o-Xylene | ND | --- | 25.0 | " | " | --- | --- | --- | --- | --- | --- | |

| | | | |
|--|-----------------------|-------------------------|---------------------|
| <i>Surr: Dibromofluoromethane (Surr)</i> | <i>Recovery: 95 %</i> | <i>Limits: 70-130 %</i> | <i>Dilution: 1x</i> |
| <i>1,4-Difluorobenzene (Surr)</i> | <i>102 %</i> | <i>70-130 %</i> | <i>"</i> |
| <i>Toluene-d8 (Surr)</i> | <i>94 %</i> | <i>70-130 %</i> | <i>"</i> |
| <i>4-Bromofluorobenzene (Surr)</i> | <i>98 %</i> | <i>70-130 %</i> | <i>"</i> |

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Philip Nerenberg, Lab Director

Kennedy Jenks

200 SW Market St., Suite 500
 Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.20
 Project Manager: Gregg Bryden

Reported:
 10/08/08 14:54

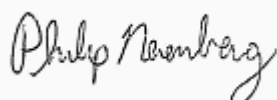
QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting Limit | Units | Dil. | Spike Amount | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|----------------------------------|--------|-----|-----------------|-----------|------|---------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 8100038 - EPA 5035A | | | | | | Soil | | | | | | |
| LCS (8100038-BS1) | | | | | | Analyzed: 10/03/08 09:38 | | | | | | |
| 5035/8260B | | | | | | | | | | | | |
| Acetone | 1850 | --- | 1000 | ug/kg wet | 50 | 2000 | --- | 92 | 65-135% | --- | --- | |
| Benzene | 1040 | --- | 12.5 | " | " | 1000 | --- | 104 | " | --- | --- | |
| Bromobenzene | 1000 | --- | 25.0 | " | " | " | --- | 100 | " | --- | --- | |
| Bromochloromethane | 956 | --- | 25.0 | " | " | " | --- | 96 | " | --- | --- | |
| Bromodichloromethane | 1020 | --- | 25.0 | " | " | " | --- | 102 | " | --- | --- | |
| Bromoform | 1050 | --- | 50.0 | " | " | " | --- | 105 | " | --- | --- | |
| Bromomethane | 843 | --- | 500 | " | " | " | --- | 84 | " | --- | --- | |
| 2-Butanone (MEK) | 1910 | --- | 500 | " | " | 2000 | --- | 96 | " | --- | --- | |
| n-Butylbenzene | 987 | --- | 25.0 | " | " | 1000 | --- | 99 | " | --- | --- | |
| sec-Butylbenzene | 1030 | --- | 25.0 | " | " | " | --- | 103 | " | --- | --- | |
| tert-Butylbenzene | 1040 | --- | 25.0 | " | " | " | --- | 104 | " | --- | --- | |
| Carbon tetrachloride | 920 | --- | 25.0 | " | " | " | --- | 92 | " | --- | --- | |
| Chlorobenzene | 1010 | --- | 25.0 | " | " | " | --- | 101 | " | --- | --- | |
| Chloroethane | 882 | --- | 500 | " | " | " | --- | 88 | " | --- | --- | |
| Chloroform | 1030 | --- | 250 | " | " | " | --- | 103 | " | --- | --- | |
| Chloromethane | 878 | --- | 250 | " | " | " | --- | 88 | " | --- | --- | |
| 2-Chlorotoluene | 958 | --- | 25.0 | " | " | " | --- | 96 | " | --- | --- | |
| 4-Chlorotoluene | 984 | --- | 25.0 | " | " | " | --- | 98 | " | --- | --- | |
| 1,2-Dibromo-3-chloropropane | 1050 | --- | 100 | " | " | " | --- | 105 | " | --- | --- | |
| Dibromochloromethane | 1080 | --- | 50.0 | " | " | " | --- | 108 | " | --- | --- | |
| 1,2-Dibromoethane (EDB) | 1090 | --- | 25.0 | " | " | " | --- | 109 | " | --- | --- | |
| Dibromomethane | 1210 | --- | 25.0 | " | " | " | --- | 121 | " | --- | --- | |
| 1,2-Dichlorobenzene | 1020 | --- | 25.0 | " | " | " | --- | 102 | " | --- | --- | |
| 1,3-Dichlorobenzene | 1010 | --- | 25.0 | " | " | " | --- | 101 | " | --- | --- | |
| 1,4-Dichlorobenzene | 982 | --- | 25.0 | " | " | " | --- | 98 | " | --- | --- | |
| Dichlorodifluoromethane | 866 | --- | 50.0 | " | " | " | --- | 87 | " | --- | --- | |
| 1,1-Dichloroethane | 967 | --- | 25.0 | " | " | " | --- | 97 | " | --- | --- | |
| 1,2-Dichloroethane (EDC) | 926 | --- | 25.0 | " | " | " | --- | 93 | " | --- | --- | |
| 1,1-Dichloroethene | 920 | --- | 25.0 | " | " | " | --- | 92 | " | --- | --- | |
| cis-1,2-Dichloroethene | 984 | --- | 25.0 | " | " | " | --- | 98 | " | --- | --- | |
| trans-1,2-Dichloroethene | 945 | --- | 25.0 | " | " | " | --- | 94 | " | --- | --- | |
| 1,2-Dichloropropane | 1030 | --- | 25.0 | " | " | " | --- | 103 | " | --- | --- | |
| 1,3-Dichloropropane | 1010 | --- | 25.0 | " | " | " | --- | 101 | " | --- | --- | |
| 2,2-Dichloropropane | 890 | --- | 50.0 | " | " | " | --- | 89 | " | --- | --- | |

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200 SW Market St., Suite 500
 Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.20
 Project Manager: Gregg Bryden

Reported:
 10/08/08 14:54

QUALITY CONTROL (QC) SAMPLE RESULTS

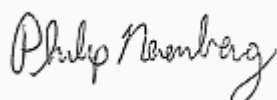
Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting Limit | Units | Dil. | Spike Amount | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|----------------------------------|--------|-----|-----------------|-----------|------|---------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 8100038 - EPA 5035A | | | | | | Soil | | | | | | |
| LCS (8100038-BS1) | | | | | | Analyzed: 10/03/08 09:38 | | | | | | |
| 1,1-Dichloropropene | 938 | --- | 25.0 | ug/kg wet | " | " | --- | 94 | " | --- | --- | |
| cis-1,3-Dichloropropene | 1030 | --- | 50.0 | " | " | " | --- | 103 | " | --- | --- | |
| trans-1,3-Dichloropropene | 1040 | --- | 50.0 | " | " | " | --- | 104 | " | --- | --- | |
| Ethylbenzene | 984 | --- | 25.0 | " | " | " | --- | 98 | " | --- | --- | |
| Hexachlorobutadiene | 1050 | --- | 100 | " | " | " | --- | 105 | " | --- | --- | |
| 2-Hexanone | 1900 | --- | 500 | " | " | 2000 | --- | 95 | " | --- | --- | |
| Isopropylbenzene | 1050 | --- | 25.0 | " | " | 1000 | --- | 105 | " | --- | --- | |
| 4-Isopropyltoluene | 976 | --- | 25.0 | " | " | " | --- | 98 | " | --- | --- | |
| 4-Methyl-2-pentanone (MiBK) | 1910 | --- | 500 | " | " | 2000 | --- | 95 | " | --- | --- | |
| Methyl tert-butyl ether (MTBE) | 954 | --- | 50.0 | " | " | 1000 | --- | 95 | " | --- | --- | |
| Methylene chloride | 986 | --- | 250 | " | " | " | --- | 99 | " | --- | --- | |
| Naphthalene | 1040 | --- | 250 | " | " | " | --- | 104 | " | --- | --- | |
| n-Propylbenzene | 973 | --- | 25.0 | " | " | " | --- | 97 | " | --- | --- | |
| Styrene | 1100 | --- | 25.0 | " | " | " | --- | 110 | " | --- | --- | |
| 1,1,1,2-Tetrachloroethane | 1000 | --- | 50.0 | " | " | " | --- | 100 | " | --- | --- | |
| 1,1,2,2-Tetrachloroethane | 1000 | --- | 25.0 | " | " | " | --- | 100 | " | --- | --- | |
| Tetrachloroethene (PCE) | 1020 | --- | 25.0 | " | " | " | --- | 102 | " | --- | --- | |
| Toluene | 982 | --- | 100 | " | " | " | --- | 98 | " | --- | --- | |
| 1,2,3-Trichlorobenzene | 1040 | --- | 100 | " | " | " | --- | 104 | " | --- | --- | |
| 1,2,4-Trichlorobenzene | 1060 | --- | 100 | " | " | " | --- | 106 | " | --- | --- | |
| 1,1,1-Trichloroethane | 952 | --- | 50.0 | " | " | " | --- | 95 | " | --- | --- | |
| 1,1,2-Trichloroethane | 1020 | --- | 25.0 | " | " | " | --- | 102 | " | --- | --- | |
| Trichloroethene (TCE) | 1070 | --- | 25.0 | " | " | " | --- | 107 | " | --- | --- | |
| Trichlorofluoromethane | 911 | --- | 250 | " | " | " | --- | 91 | " | --- | --- | |
| 1,2,3-Trichloropropane | 930 | --- | 50.0 | " | " | " | --- | 93 | " | --- | --- | |
| 1,2,4-Trimethylbenzene | 1060 | --- | 50.0 | " | " | " | --- | 106 | " | --- | --- | |
| 1,3,5-Trimethylbenzene | 1030 | --- | 50.0 | " | " | " | --- | 103 | " | --- | --- | |
| Vinyl chloride | 1020 | --- | 25.0 | " | " | " | --- | 102 | " | --- | --- | |
| m,p-Xylene | 1990 | --- | 50.0 | " | " | 2000 | --- | 99 | " | --- | --- | |
| o-Xylene | 1020 | --- | 25.0 | " | " | 1000 | --- | 102 | " | --- | --- | |

| | | | |
|--|-----------------------|-------------------------|---------------------|
| <i>Surr: Dibromofluoromethane (Surr)</i> | <i>Recovery: 97 %</i> | <i>Limits: 70-130 %</i> | <i>Dilution: 1x</i> |
| <i>1,4-Difluorobenzene (Surr)</i> | <i>102 %</i> | <i>70-130 %</i> | <i>"</i> |
| <i>Toluene-d8 (Surr)</i> | <i>94 %</i> | <i>70-130 %</i> | <i>"</i> |
| <i>4-Bromofluorobenzene (Surr)</i> | <i>96 %</i> | <i>70-130 %</i> | <i>"</i> |

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Project Number: 0792027.20
 Project Manager: Gregg Bryden

Reported:
 10/08/08 14:54

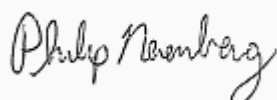
QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting Limit | Units | Dil. | Spike Amount | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------------|--------|-----|---------------------------|-----------|------|---------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 8100038 - EPA 5035A | | | | | | Soil | | | | | | |
| Matrix Spike (8100038-MS1) | | | Source: A809272-08 | | | Analyzed: 10/03/08 12:52 | | | | | | |
| 5035/8260B | | | | | | | | | | | | |
| Acetone | 2600 | --- | 1290 | ug/kg dry | 50 | 2580 | ND | 101 | 65-135% | --- | --- | |
| Benzene | 1260 | --- | 16.1 | " | " | 1290 | ND | 97 | " | --- | --- | |
| Bromobenzene | 1220 | --- | 32.2 | " | " | " | ND | 94 | " | --- | --- | |
| Bromochloromethane | 1130 | --- | 32.2 | " | " | " | ND | 88 | " | --- | --- | |
| Bromodichloromethane | 1190 | --- | 32.2 | " | " | " | ND | 92 | " | --- | --- | |
| Bromoform | 1230 | --- | 64.4 | " | " | " | ND | 95 | " | --- | --- | |
| Bromomethane | 1360 | --- | 644 | " | " | " | ND | 105 | " | --- | --- | |
| 2-Butanone (MEK) | 2350 | --- | 644 | " | " | 2580 | ND | 91 | " | --- | --- | |
| n-Butylbenzene | 1230 | --- | 32.2 | " | " | 1290 | ND | 95 | " | --- | --- | |
| sec-Butylbenzene | 1280 | --- | 32.2 | " | " | " | ND | 99 | " | --- | --- | |
| tert-Butylbenzene | 1250 | --- | 32.2 | " | " | " | ND | 96 | " | --- | --- | |
| Carbon tetrachloride | 1100 | --- | 32.2 | " | " | " | ND | 85 | " | --- | --- | |
| Chlorobenzene | 1240 | --- | 32.2 | " | " | " | ND | 96 | " | --- | --- | |
| Chloroethane | 2240 | --- | 644 | " | " | " | ND | 174 | " | --- | --- | Q-01 |
| Chloroform | 1200 | --- | 322 | " | " | " | ND | 93 | " | --- | --- | |
| Chloromethane | 1050 | --- | 322 | " | " | " | ND | 81 | " | --- | --- | |
| 2-Chlorotoluene | 1170 | --- | 32.2 | " | " | " | ND | 91 | " | --- | --- | |
| 4-Chlorotoluene | 1180 | --- | 32.2 | " | " | " | ND | 92 | " | --- | --- | |
| 1,2-Dibromo-3-chloropropane | 1210 | --- | 129 | " | " | " | ND | 94 | " | --- | --- | |
| Dibromochloromethane | 1300 | --- | 64.4 | " | " | " | ND | 100 | " | --- | --- | |
| 1,2-Dibromoethane (EDB) | 1300 | --- | 32.2 | " | " | " | ND | 101 | " | --- | --- | |
| Dibromomethane | 1370 | --- | 32.2 | " | " | " | ND | 106 | " | --- | --- | |
| 1,2-Dichlorobenzene | 1210 | --- | 32.2 | " | " | " | ND | 93 | " | --- | --- | |
| 1,3-Dichlorobenzene | 1210 | --- | 32.2 | " | " | " | ND | 94 | " | --- | --- | |
| 1,4-Dichlorobenzene | 1210 | --- | 32.2 | " | " | " | ND | 93 | " | --- | --- | |
| Dichlorodifluoromethane | 1110 | --- | 64.4 | " | " | " | ND | 86 | " | --- | --- | |
| 1,1-Dichloroethane | 1220 | --- | 32.2 | " | " | " | ND | 94 | " | --- | --- | |
| 1,2-Dichloroethane (EDC) | 1080 | --- | 32.2 | " | " | " | ND | 84 | " | --- | --- | |
| 1,1-Dichloroethene | 1200 | --- | 32.2 | " | " | " | ND | 93 | " | --- | --- | |
| cis-1,2-Dichloroethene | 1190 | --- | 32.2 | " | " | " | ND | 92 | " | --- | --- | |
| trans-1,2-Dichloroethene | 1160 | --- | 32.2 | " | " | " | ND | 90 | " | --- | --- | |
| 1,2-Dichloropropane | 1220 | --- | 32.2 | " | " | " | ND | 94 | " | --- | --- | |
| 1,3-Dichloropropane | 1240 | --- | 32.2 | " | " | " | ND | 96 | " | --- | --- | |
| 2,2-Dichloropropane | 1110 | --- | 64.4 | " | " | " | ND | 86 | " | --- | --- | |

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Project: **Former Apex Winery**

Project Number: 0792027.20
 Project Manager: Gregg Bryden

Reported:
 10/08/08 14:54

QUALITY CONTROL (QC) SAMPLE RESULTS

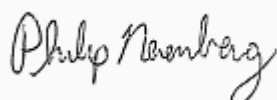
Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting Limit | Units | Dil. | Spike Amount | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------------|--------|-----|---------------------------|-----------|------|---------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 8100038 - EPA 5035A | | | | | | Soil | | | | | | |
| Matrix Spike (8100038-MS1) | | | Source: A809272-08 | | | Analyzed: 10/03/08 12:52 | | | | | | |
| 1,1-Dichloropropene | 1170 | --- | 32.2 | ug/kg dry | " | " | ND | 91 | " | --- | --- | |
| cis-1,3-Dichloropropene | 1220 | --- | 64.4 | " | " | " | ND | 95 | " | --- | --- | |
| trans-1,3-Dichloropropene | 1250 | --- | 64.4 | " | " | " | ND | 97 | " | --- | --- | |
| Ethylbenzene | 1220 | --- | 32.2 | " | " | " | ND | 95 | " | --- | --- | |
| Hexachlorobutadiene | 1250 | --- | 129 | " | " | " | ND | 97 | " | --- | --- | |
| 2-Hexanone | 2340 | --- | 644 | " | " | 2580 | ND | 91 | " | --- | --- | |
| Isopropylbenzene | 1290 | --- | 32.2 | " | " | 1290 | ND | 100 | " | --- | --- | |
| 4-Isopropyltoluene | 1200 | --- | 32.2 | " | " | " | ND | 93 | " | --- | --- | |
| 4-Methyl-2-pentanone (MiBK) | 2290 | --- | 644 | " | " | 2580 | ND | 89 | " | --- | --- | |
| Methyl tert-butyl ether (MTBE) | 1150 | --- | 64.4 | " | " | 1290 | ND | 89 | " | --- | --- | |
| Methylene chloride | 1130 | --- | 322 | " | " | " | 79.2 | 81 | " | --- | --- | |
| Naphthalene | 1180 | --- | 322 | " | " | " | ND | 92 | " | --- | --- | |
| n-Propylbenzene | 1200 | --- | 32.2 | " | " | " | ND | 93 | " | --- | --- | |
| Styrene | 1320 | --- | 32.2 | " | " | " | ND | 102 | " | --- | --- | |
| 1,1,1,2-Tetrachloroethane | 1190 | --- | 64.4 | " | " | " | ND | 92 | " | --- | --- | |
| 1,1,2,2-Tetrachloroethane | 1180 | --- | 32.2 | " | " | " | ND | 91 | " | --- | --- | |
| Tetrachloroethene (PCE) | 1300 | --- | 32.2 | " | " | " | ND | 101 | " | --- | --- | |
| Toluene | 1240 | --- | 129 | " | " | " | ND | 96 | " | --- | --- | |
| 1,2,3-Trichlorobenzene | 1210 | --- | 129 | " | " | " | ND | 93 | " | --- | --- | |
| 1,2,4-Trichlorobenzene | 1210 | --- | 129 | " | " | " | ND | 94 | " | --- | --- | |
| 1,1,1-Trichloroethane | 1140 | --- | 64.4 | " | " | " | ND | 88 | " | --- | --- | |
| 1,1,2-Trichloroethane | 1230 | --- | 32.2 | " | " | " | ND | 95 | " | --- | --- | |
| Trichloroethene (TCE) | 1310 | --- | 32.2 | " | " | " | ND | 101 | " | --- | --- | |
| Trichlorofluoromethane | 1170 | --- | 322 | " | " | " | ND | 90 | " | --- | --- | |
| 1,2,3-Trichloropropane | 1130 | --- | 64.4 | " | " | " | ND | 88 | " | --- | --- | |
| 1,2,4-Trimethylbenzene | 1260 | --- | 64.4 | " | " | " | 25.1 | 96 | " | --- | --- | |
| 1,3,5-Trimethylbenzene | 1280 | --- | 64.4 | " | " | " | ND | 99 | " | --- | --- | |
| Vinyl chloride | 1200 | --- | 32.2 | " | " | " | ND | 93 | " | --- | --- | |
| m,p-Xylene | 2470 | --- | 64.4 | " | " | 2580 | ND | 95 | " | --- | --- | |
| o-Xylene | 1260 | --- | 32.2 | " | " | 1290 | ND | 97 | " | --- | --- | |

| | | | |
|--|-----------------------|-------------------------|---------------------|
| <i>Surr: Dibromofluoromethane (Surr)</i> | <i>Recovery: 93 %</i> | <i>Limits: 70-130 %</i> | <i>Dilution: 1x</i> |
| <i>1,4-Difluorobenzene (Surr)</i> | <i>100 %</i> | <i>70-130 %</i> | <i>"</i> |
| <i>Toluene-d8 (Surr)</i> | <i>96 %</i> | <i>70-130 %</i> | <i>"</i> |
| <i>4-Bromofluorobenzene (Surr)</i> | <i>96 %</i> | <i>70-130 %</i> | <i>"</i> |

Apex Laboratories

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.



Philip Nerenberg, Lab Director

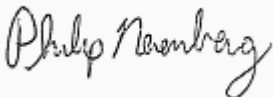
| | | |
|--|---|------------------------------------|
| Kennedy Jenks 200 SW Market St., Suite 500 Portland, OR 97201 | Project: Former Apex Winery Project Number: 0792027.20 Project Manager: Gregg Bryden | Reported: 10/08/08 14:54 |
|--|---|------------------------------------|

QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight by D2216

| Analyte | Result | MDL | Reporting Limit | Units | Dil. | Spike Amount | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------------|--------|-----|---------------------------|-------------|------|---------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 8100024 - Dry Weight | | | | | | Soil | | | | | | |
| Duplicate (8100024-DUP2) | | | Source: A809272-08 | | | Analyzed: 10/03/08 09:18 | | | | | | |
| D2216 | | | | | | | | | | | | |
| % Solids | 78.5 | --- | 1.00 | % by Weight | 1 | --- | 78.7 | --- | --- | 0.3 | 20% | |
| Duplicate (8100024-DUP3) | | | Source: A809272-20 | | | Analyzed: 10/03/08 09:18 | | | | | | |
| D2216 | | | | | | | | | | | | |
| % Solids | 77.9 | --- | 1.00 | % by Weight | 1 | --- | 76.6 | --- | --- | 2 | 20% | |

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Philip Nerenberg, Lab Director

Kennedy Jenks

200 SW Market St., Suite 500
 Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.20
 Project Manager: Gregg Bryden

Reported:
 10/08/08 14:54

SAMPLE PREPARATION INFORMATION

Volatile Organic Compounds by EPA 8260B

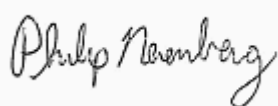
Prep: EPA 5030B

| Lab Number | Matrix | Method | Sampled | Prepared | Sample Initial/Final | Default Initial/Final | RL Prep Factor |
|-----------------------|--------|-----------|----------------|----------------|----------------------|-----------------------|----------------|
| Batch: 8090313 | | | | | | | |
| A809272-03 | Water | EPA 8260B | 09/24/08 13:00 | 09/26/08 09:09 | 5mL/5mL | 5mL/5mL | 1.00 |
| A809272-11 | Water | EPA 8260B | 09/24/08 17:15 | 09/26/08 09:09 | 5mL/5mL | 5mL/5mL | 1.00 |
| Batch: 8100002 | | | | | | | |
| A809272-06 | Water | EPA 8260B | 09/24/08 14:40 | 10/01/08 08:48 | 5mL/5mL | 5mL/5mL | 1.00 |
| A809272-12 | Water | EPA 8260B | 09/25/08 09:40 | 10/01/08 08:48 | 5mL/5mL | 5mL/5mL | 1.00 |
| A809272-15 | Water | EPA 8260B | 09/25/08 10:55 | 10/01/08 08:48 | 5mL/5mL | 5mL/5mL | 1.00 |
| A809272-18 | Water | EPA 8260B | 09/25/08 13:15 | 10/01/08 08:48 | 5mL/5mL | 5mL/5mL | 1.00 |
| A809272-21 | Water | EPA 8260B | 09/25/08 14:40 | 10/01/08 08:48 | 5mL/5mL | 5mL/5mL | 1.00 |
| A809272-24 | Water | EPA 8260B | 09/25/08 15:40 | 10/01/08 08:48 | 5mL/5mL | 5mL/5mL | 1.00 |

Prep: EPA 5035A

| Lab Number | Matrix | Method | Sampled | Prepared | Sample Initial/Final | Default Initial/Final | RL Prep Factor |
|-----------------------|--------|------------|----------------|----------------|----------------------|-----------------------|----------------|
| Batch: 8090309 | | | | | | | |
| A809272-02 | Soil | 5035/8260B | 09/24/08 12:20 | 09/24/08 12:20 | 5.718g/5mL | 10g/10mL | 0.87 |
| A809272-05 | Soil | 5035/8260B | 09/24/08 14:10 | 09/24/08 14:10 | 5.813g/5mL | 10g/10mL | 0.86 |
| Batch: 8100038 | | | | | | | |
| A809272-08 | Soil | 5035/8260B | 09/24/08 17:00 | 09/24/08 17:00 | 6.248g/5mL | 10g/10mL | 0.80 |
| A809272-09 | Soil | 5035/8260B | 09/25/08 08:45 | 09/25/08 08:45 | 4.755g/5mL | 10g/10mL | 1.05 |
| A809272-10 | Soil | 5035/8260B | 09/25/08 09:15 | 09/25/08 09:15 | 5.294g/5mL | 10g/10mL | 0.94 |
| A809272-13 | Soil | 5035/8260B | 09/25/08 09:50 | 09/25/08 09:50 | 5.132g/5mL | 10g/10mL | 0.97 |
| A809272-14 | Soil | 5035/8260B | 09/25/08 10:20 | 09/25/08 10:20 | 5.654g/5mL | 10g/10mL | 0.88 |
| A809272-16 | Soil | 5035/8260B | 09/25/08 11:55 | 09/25/08 11:55 | 5.135g/5mL | 10g/10mL | 0.97 |
| A809272-17 | Soil | 5035/8260B | 09/25/08 12:10 | 09/25/08 12:10 | 5.867g/5mL | 10g/10mL | 0.85 |
| A809272-19 | Soil | 5035/8260B | 09/25/08 13:50 | 09/25/08 13:50 | 5.062g/5mL | 10g/10mL | 0.99 |
| A809272-20 | Soil | 5035/8260B | 09/25/08 14:15 | 09/25/08 14:15 | 5.781g/5mL | 10g/10mL | 0.87 |
| A809272-22 | Soil | 5035/8260B | 09/25/08 15:00 | 09/25/08 15:00 | 5.452g/5mL | 10g/10mL | 0.92 |
| A809272-23 | Soil | 5035/8260B | 09/25/08 15:20 | 09/25/08 15:20 | 5.572g/5mL | 10g/10mL | 0.90 |

Apex Laboratories



Philip Nerenberg, Lab Director

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Kennedy Jenks

200 SW Market St., Suite 500
Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.20
Project Manager: Gregg Bryden

Reported:
10/08/08 14:54

Notes and Definitions

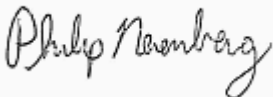
Qualifiers:

- Q-01 The percent recovery and/or RPD was outside acceptance limits for this spiked sample. The batch was accepted based on LCS recovery.
- V-04 Composite of VOA vials analyzed due to sediment in vials.

Notes and Conventions:

- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- MDL If MDL is not listed, data has been evaluated to the Method Reporting Limit only.
- WMSC Water Miscible Solvent Correction has been applied to Results and MRLs for volatiles soil samples per EPA 8000C.
- Batch Unless specifically stated, all analyses include full Batch QC, including Sample Duplicates, Matrix Spikes and/or Matrix Spike
QC Duplicates, in order to meet or exceed method and regulatory requirements. This report contains only results for Batch QC derived from samples included in this report. Complete Batch QC results are available upon request. In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) is analyzed to demonstrate accuracy and precision of the extraction and analysis.

Apex Laboratories



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Philip Nerenberg, Lab Director

Kennedy/Jenks Consultants
Engineers & Scientists

200 S.W. Market Street, Suite 500
Portland, Oregon 97201
503-295-4911
FAX: 503-295-4901

17 June 2010

Ms. Brianne Plath
Site Manager
Toxics Cleanup Program
Washington Department of Ecology
15 West Yakima Avenue, Suite 200
Yakima, WA 98902-3452

Subject: Report Certification
Cream Winery, Sunnyside, Washington
Ecology Facility ID # 46552116
K/J 0792027.40

Dear Ms. Plath:

The attached report titled *Results of Soil Investigation Inside Cream Winery Buildings, Former Apex Winery Property* and dated 18 September 2009, was originally prepared as an internal report on behalf of our client, The Federal Agricultural Mortgage Company, and therefore, was not stamped by a Washington Registered Geologist at the time the report was prepared. At your request, we are providing this information to Ecology to supplement information about conditions at the Cream Winery site in Sunnyside Washington.

I certify that the attached report and associated field work was prepared or conducted by me or by persons working under my direct supervision.

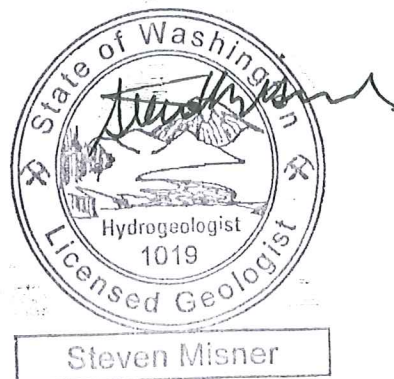
Very truly yours,

KENNEDY/JENKS CONSULTANTS



Steven Misner, LHG
Project Geologist

Enclosure



Kennedy/Jenks Consultants

Engineers & Scientists

200 S.W. Market Street, Suite 500
Portland, Oregon 97201-5715
503-295-4911
503-295-4901 (Fax)

18 September 2009

Ms. Lynne Paretchan
Perkins Coie LLP
1120 NW Couch Street
Tenth Floor
Portland, OR 97209-4128

Mr. Mark Browning
Federal Agriculture Mortgage Corporation
1517 North Ankeny Blvd, Suite E
Ankeny, Iowa 50021

Subject: Results of Soil Investigation Inside Cream Winery Buildings
Former Apex Winery Property, 111 E. Lincoln Ave., Sunnyside, WA
K/J 0792027.40

Dear Ms. Paretchan and Mr. Browning:

Kennedy/Jenks Consultants (Kennedy/Jenks) is pleased to present this report on soil samples collected within the Cream Winery (Site) building footprint during site investigations conducted in August 2009. No volatile organic compounds (VOCs) were detected in any of the soil samples collected within the building. Four soil borings were advanced in the areas of the building where Cream Winery plans to excavate the soil in connection with planned building expansion. The boring locations are shown on Figure 1.

The purpose of the investigation was to characterize soil underlying the building expansion footprint areas proposed by the current tenant and prospective purchaser, Cream Winery, to assess potential issues with the construction and operation of the expanded building areas. Because VOCs are known to be present in other portions of the property, there was concern that VOCs, if present, could complicate building expansion work. Cream Winery directed Kennedy/Jenks where to locate the borings and the depth of the borings. In addition, the borings provide further evidence that the VOCs present at the property did not originate onsite. Other investigation activities at the Site were conducted concurrently with the soil sampling in the building footprint. The results of the other investigation activities conducted during the August 2009 mobilization will be presented in a separate letter report.

The following is a summary of samples collected in the building expansion area:

Investigation Activities

During the week of 10 August 2009, Kennedy/Jenks supervised the advancement of four soil borings using direct push methodology. Continuous-core soil samples were collected in each of the borings. Observations of soil conditions were documented on borehole logs using the

Ms. Lynne Paretchan
Perkins Coie LLP

Mr. Mark Browning
Federal Agriculture Mortgage Corporation
18 September 2009
Page 2

Unified Soil Classification System, as a guideline, by Kennedy/Jenks personnel. Attachment 1 includes boring logs. Soil samples were screened in the field for evidence of VOC-related impacts based on observations including soil color, odor, and using a photo-ionization detector (PID). No groundwater samples were collected from borings located within the building footprint.

A total of eight soil samples were collected from four soil borings (KJB-11 through KJB-14) for laboratory analysis of VOCs. The borings were advanced to depths ranging from three to five feet below ground surface (bgs).

Soil samples were obtained from the two depth intervals in each boring using a zero headspace sampling device in accordance with Environmental Protection Agency (EPA) Method 5035 sampling methodology. The soil samples were labeled and placed in a chilled ice chest. The soil samples were submitted to the analytical laboratory (within 48-hours of collection, in compliance with EPA Method 5035) for VOC (including MTBE) analysis using EPA Method 8260B.

Each soil boring was abandoned in accordance with Chapter 173-160 of the Washington Administrative Code.

Results

The soil samples were submitted to Apex Analytical located in Tigard, Oregon for analysis of VOCs as described above. Because the laboratory report includes results for other investigations on-site, only the laboratory report pages for the samples taken beneath the building footprint are included in Attachment 2. Please contact Kennedy/Jenks for quality assurance and chain of custody portions of the report if needed.

No VOCs were detected in any of the soil samples collected from beneath the building footprint (borings KJB-11 through KJB-14). Our review of the quality control data provided with the Apex Analytical report found no significant quality control concerns associated with the VOC analyses.

If you have any questions regarding the results of this investigation, please call Gregg Bryden at 503-295-4911.

Very truly yours,

KENNEDY/JENKS CONSULTANTS



Gregg Bryden
Project Manager

Enclosure

Attachment 1

Boring Logs

Boring & Well Construction Log

Kennedy/Jenks Consultants

| | | | |
|---|--|--|--|
| BORING LOCATION Apex Winery | | Well Name KJB-11 | |
| DRILLING COMPANY Cascade Drilling, Inc. | | DRILLER Mark Brook Shawn | |
| DRILLING METHOD(S) Direct Push | | DRILL BIT(S) SIZE Geoprobe 420M | |
| ISOLATION CASING n/a | | FROM n/a TO n/a FT. | |
| BLANK CASING n/a | | FROM +3 TO n/a FT. | |
| SLOTTED CASING n/a | | FROM n/a TO n/a FT. | |
| SIZE AND TYPE OF FILTER PACK n/a | | FROM n/a TO n/a FT. | |
| SEAL 3/8" bent. chips, hydrated | | FROM 0.5 TO 6 FT. | |
| GROUT Concrete | | FROM 0 TO 0.5 FT. | |
| ELEVATION AND DATUM n/a | | TOTAL DEPTH 6.0 ft. bgs | |
| DATE STARTED 8/12/09 | | DATE COMPLETED 8/12/09 | |
| STATIC WATER ELEVATION n/a | | LOGGED BY SM | |
| SAMPLING METHODS Microcore | | WELL COMPLETION <input type="checkbox"/> SURFACE HOUSING <input checked="" type="checkbox"/> STAND PIPE 3 FT. | |

| SAMPLES | | | Drill Depth (Feet) | WELL CONSTRUCTION | USCS Log | Lithology | Color | SAMPLE DESCRIPTION and DRILLING REMARKS |
|------------|-----------------|--------------------------|--------------------|-------------------|----------|-----------|-------|--|
| Type & No. | Recovery (Feet) | Penetr. Resist. Blows/6" | | | | | | |
| | | | 5 | | Concrete | | | <p>(Concrete) CONCRETE</p> <p>(ML) SILT, GRAY BROWN, DRY TO SLIGHTLY MOIST, MODERATE STIFF WHERE SLIGHTLY MOIST, NO ODOR OR DISCOLORATION.</p> |

<<GNRL_NAME>> APEX_WINERY.GPJ DEEP_WELLS.GPJ 8/21/09

Boring & Well Construction Log

Kennedy/Jenks Consultants

| | | | |
|---|--|--|--|
| BORING LOCATION Apex Winery | | Well Name KJB-12 | |
| DRILLING COMPANY Cascade Drilling, Inc. | | DRILLER Mark Brook Shawn | |
| DRILLING METHOD(S) Direct Push | | DRILL BIT(S) SIZE Geoprobe 420M | |
| ISOLATION CASING n/a | | FROM n/a TO n/a FT. | |
| BLANK CASING n/a | | FROM 3 TO n/a FT. | |
| SLOTTED CASING n/a | | FROM n/a TO n/a FT. | |
| SIZE AND TYPE OF FILTER PACK n/a | | FROM n/a TO n/a FT. | |
| SEAL Bent. chips, hydrated | | FROM 0.5 TO 3 FT. | |
| GROUT Concrete | | FROM 0 TO 0.5 FT. | |
| ELEVATION AND DATUM n/a | | TOTAL DEPTH 3.0 ft. bgs | |
| DATE STARTED 8/12/09 | | DATE COMPLETED 8/12/09 | |
| STATIC WATER ELEVATION n/a | | LOGGED BY SM | |
| SAMPLING METHODS Macrocore | | WELL COMPLETION <input type="checkbox"/> SURFACE HOUSING <input checked="" type="checkbox"/> STAND PIPE 3 FT. | |

| SAMPLES | | | | WELL CONSTRUCTION | | | USCS Log | Lithology | Color | SAMPLE DESCRIPTION and DRILLING REMARKS |
|------------|-----------------|--------------------------|--------------------|-------------------|----------|--|----------|-----------|-------|---|
| Type & No. | Recovery (Feet) | Penetr. Resist. Blows/6" | Drill Depth (Feet) | Stand pipe | Well cap | | | | | |
| | | | | | | | Concrete | | | (Concrete) CONCRETE |
| | | | | | | | ML | | | (ML) SILT, GRAY BROWN, DRY, MODERATE STIFF, NO ODOR OR DISCOLORATION. |

<<GNRL_NAME>> APEX_WINERY.GPJ DEEP_WELLS.GPJ 8/21/09

Boring & Well Construction Log

Kennedy/Jenks Consultants

| | | | |
|---|--|--|--|
| BORING LOCATION Apex Winery | | Well Name KJB-13 | |
| DRILLING COMPANY Cascade Drilling, Inc. | | DRILLER Mark Brook Shawn | |
| DRILLING METHOD(S) Direct Push | | DRILL BIT(S) SIZE Geoprobe 7720DT | |
| ISOLATION CASING n/a | | FROM n/a TO n/a FT. | |
| BLANK CASING n/a | | FROM 3 TO n/a FT. | |
| SLOTTED CASING n/a | | FROM n/a TO n/a FT. | |
| SIZE AND TYPE OF FILTER PACK n/a | | FROM n/a TO n/a FT. | |
| SEAL 3/8" bent. chips, hydrated | | FROM 0.5 TO 5 FT. | |
| GROUT Concrete | | FROM 0 TO 0.5 FT. | |
| ELEVATION AND DATUM n/a | | TOTAL DEPTH 5.0 ft. bgs | |
| DATE STARTED 8/12/09 | | DATE COMPLETED 8/12/09 | |
| STATIC WATER ELEVATION n/a | | LOGGED BY SM | |
| SAMPLING METHODS Microcore | | WELL COMPLETION <input type="checkbox"/> SURFACE HOUSING <input checked="" type="checkbox"/> STAND PIPE 3 FT. | |

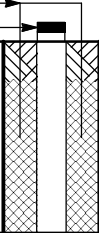

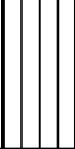
| SAMPLES | | | | WELL CONSTRUCTION | | | USCS Log | Lithology | Color | SAMPLE DESCRIPTION and DRILLING REMARKS |
|------------|-----------------|--------------------------|--------------------|-------------------|----------|--|----------|-----------|-------|---|
| Type & No. | Recovery (Feet) | Penetr. Resist. Blows/6" | Drill Depth (Feet) | Stand pipe | Well cap | | | | | |
| | | | 5 | | | | Concrete | | | <p>(Concrete) CONCRETE</p> <p>SAND/GRAVEL BASE, GRAY, DRY, NO ODOR OR DISCOLORATION.</p> <p>(ML) SILT, GRAY BROWN, DRY, NO ODOR OR DISCOLORATION.</p> |

<<GNRL_NAME>> APEX_WINERY.GPJ DEEP_WELLS.GPJ 8/21/09

Boring & Well Construction Log

Kennedy/Jenks Consultants

| | | | |
|---|--|--|--|
| BORING LOCATION Apex Winery | | Well Name KJB-14 | |
| DRILLING COMPANY Cascade Drilling, Inc. | | DRILLER Mark Brook Shawn | |
| DRILLING METHOD(S) Direct Push | | DRILL BIT(S) SIZE Geoprobe 7720DT | |
| ISOLATION CASING n/a | | FROM n/a TO n/a FT. | |
| BLANK CASING n/a | | FROM 3 TO n/a FT. | |
| SLOTTED CASING n/a | | FROM n/a TO n/a FT. | |
| SIZE AND TYPE OF FILTER PACK n/a | | FROM n/a TO n/a FT. | |
| SEAL 3/8" bent. chips, hydrated | | FROM 1 TO 5 FT. | |
| GROUT Concrete | | FROM 0 TO 1 FT. | |
| ELEVATION AND DATUM n/a | | TOTAL DEPTH 5.0 ft. bgs | |
| DATE STARTED 8/12/09 | | DATE COMPLETED 8/12/09 | |
| STATIC WATER ELEVATION n/a | | | |
| LOGGED BY SM | | | |
| SAMPLING METHODS Microcore | | WELL COMPLETION <input type="checkbox"/> SURFACE HOUSING <input checked="" type="checkbox"/> STAND PIPE 3 FT. | |

| SAMPLES | | | | WELL CONSTRUCTION | | | USCS Log | Lithology | Color | SAMPLE DESCRIPTION and DRILLING REMARKS |
|------------|-----------------|--------------------------|--------------------|---|----------|--|----------|---|-------|--|
| Type & No. | Recovery (Feet) | Penetr. Resist. Blows/6" | Drill Depth (Feet) | Stand pipe | Well cap | | | | | |
| | | | 5 |  | | | Concrete |  | | (Concrete) CONCRETE |
| | | | | | | | ML |  | | (ML) SILT, GRAY BROWN, DRY, NO ODOR OR DISCOLORATION. |

<<GNRL_NAME>> APEX_WINERY.GPJ DEEP_WELLS.GPJ 8/21/09

Attachment 2

Apex Laboratory Report

Apex Labs

12232 S.W. Garden Place
Tigard, OR 97223
503-718-2323 Phone
503-718-0333 Fax

Wednesday, August 26, 2009

Gregg Bryden
Kennedy Jenks
200 SW Market St., Suite 500
Portland, OR 97201

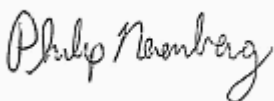
RE: Former Apex Winery / 0792027.40

Enclosed are the results of analyses for work order A908130, which was received by the laboratory on 8/14/2009 at 8:20:00AM.

Thank you for using Apex Labs. We appreciate your business and strive to provide the highest quality services to the environmental industry.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: pnerenberg@apex-labs.com, or by phone at 503-718-2323.

Apex Laboratories



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.

Philip Nerenberg, Lab Director

Kennedy Jenks

200 SW Market St., Suite 500
 Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.40
 Project Manager: Gregg Bryden

Reported:
 08/26/09 11:03

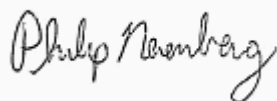
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|--------------------------------|--------|-----|---------------------|-----------|----------|----------------|------------|-------|
| | | | Limit | Units | | | | |
| KJB-12-0.5 (A908130-05) | | | Matrix: Soil | | | | | |
| Acetone | ND | --- | 1370 | ug/kg dry | 50 | 08/24/09 06:56 | 5035/8260B | |
| Benzene | ND | --- | 17.2 | " | " | " | " | |
| Bromobenzene | ND | --- | 34.3 | " | " | " | " | |
| Bromochloromethane | ND | --- | 34.3 | " | " | " | " | |
| Bromodichloromethane | ND | --- | 34.3 | " | " | " | " | |
| Bromoform | ND | --- | 68.7 | " | " | " | " | |
| Bromomethane | ND | --- | 687 | " | " | " | " | |
| 2-Butanone (MEK) | ND | --- | 687 | " | " | " | " | |
| n-Butylbenzene | ND | --- | 68.7 | " | " | " | " | |
| sec-Butylbenzene | ND | --- | 68.7 | " | " | " | " | |
| tert-Butylbenzene | ND | --- | 68.7 | " | " | " | " | |
| Carbon tetrachloride | ND | --- | 137 | " | " | " | " | |
| Chlorobenzene | ND | --- | 34.3 | " | " | " | " | |
| Chloroethane | ND | --- | 687 | " | " | " | " | Q-30 |
| Chloroform | ND | --- | 343 | " | " | " | " | |
| Chloromethane | ND | --- | 343 | " | " | " | " | |
| 2-Chlorotoluene | ND | --- | 34.3 | " | " | " | " | |
| 4-Chlorotoluene | ND | --- | 68.7 | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | --- | 137 | " | " | " | " | |
| Dibromochloromethane | ND | --- | 137 | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | --- | 34.3 | " | " | " | " | |
| Dibromomethane | ND | --- | 68.7 | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | --- | 34.3 | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | --- | 34.3 | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | --- | 68.7 | " | " | " | " | |
| Dichlorodifluoromethane | ND | --- | 137 | " | " | " | " | |
| 1,1-Dichloroethane | ND | --- | 34.3 | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | --- | 34.3 | " | " | " | " | |
| 1,1-Dichloroethene | ND | --- | 34.3 | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | --- | 34.3 | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | --- | 68.7 | " | " | " | " | |
| 1,2-Dichloropropane | ND | --- | 34.3 | " | " | " | " | |
| 1,3-Dichloropropane | ND | --- | 34.3 | " | " | " | " | |
| 2,2-Dichloropropane | ND | --- | 68.7 | " | " | " | " | |
| 1,1-Dichloropropene | ND | --- | 68.7 | " | " | " | " | |

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Philip Nerenberg, Lab Director

Kennedy Jenks
 200 SW Market St., Suite 500
 Portland, OR 97201

Project: **Former Apex Winery**
 Project Number: 0792027.40
 Project Manager: Gregg Bryden

Reported:
 08/26/09 11:03

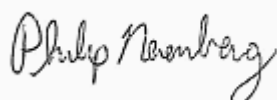
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|---|--------|-----|------------------------|-------------------------|----------|---------------|------------|-------|
| | | | Limit | Units | | | | |
| KJB-12-0.5 (A908130-05) | | | Matrix: Soil | | | | | |
| cis-1,3-Dichloropropene | ND | --- | 137 | ug/kg dry | 50 | " | 5035/8260B | |
| trans-1,3-Dichloropropene | ND | --- | 137 | " | " | " | " | |
| Ethylbenzene | ND | --- | 34.3 | " | " | " | " | |
| Hexachlorobutadiene | ND | --- | 343 | " | " | " | " | |
| 2-Hexanone | ND | --- | 687 | " | " | " | " | |
| Isopropylbenzene | ND | --- | 68.7 | " | " | " | " | |
| 4-Isopropyltoluene | ND | --- | 68.7 | " | " | " | " | |
| 4-Methyl-2-pentanone (MiBK) | ND | --- | 687 | " | " | " | " | |
| Methyl tert-butyl ether (MTBE) | ND | --- | 68.7 | " | " | " | " | |
| Methylene chloride | ND | --- | 343 | " | " | " | " | |
| Naphthalene | ND | --- | 343 | " | " | " | " | |
| n-Propylbenzene | ND | --- | 34.3 | " | " | " | " | |
| Styrene | ND | --- | 137 | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | --- | 68.7 | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | --- | 68.7 | " | " | " | " | |
| Tetrachloroethene (PCE) | ND | --- | 68.7 | " | " | " | " | |
| Toluene | ND | --- | 137 | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | --- | 137 | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | --- | 137 | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | --- | 68.7 | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | --- | 68.7 | " | " | " | " | |
| Trichloroethene (TCE) | ND | --- | 34.3 | " | " | " | " | |
| Trichlorofluoromethane | ND | --- | 137 | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | --- | 68.7 | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | --- | 68.7 | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | --- | 68.7 | " | " | " | " | |
| Vinyl chloride | ND | --- | 34.3 | " | " | " | " | |
| m,p-Xylene | ND | --- | 68.7 | " | " | " | " | |
| o-Xylene | ND | --- | 34.3 | " | " | " | " | |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> | | | <i>Recovery: 105 %</i> | <i>Limits: 70-130 %</i> | 1 | " | " | |
| <i>1,4-Difluorobenzene (Surr)</i> | | | <i>105 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>Toluene-d8 (Surr)</i> | | | <i>108 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>4-Bromofluorobenzene (Surr)</i> | | | <i>102 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |

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Philip Nerenberg, Lab Director

Kennedy Jenks

200 SW Market St., Suite 500
 Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.40
 Project Manager: Gregg Bryden

Reported:

08/26/09 11:03

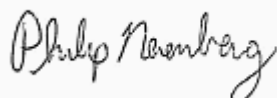
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|-------------------------------|--------|-----|---------------------|-----------|----------|----------------|------------|-------|
| | | | Limit | Units | | | | |
| KJB-12-3' (A908130-06) | | | Matrix: Soil | | | | | |
| Acetone | ND | --- | 1410 | ug/kg dry | 50 | 08/24/09 07:23 | 5035/8260B | |
| Benzene | ND | --- | 17.6 | " | " | " | " | |
| Bromobenzene | ND | --- | 35.3 | " | " | " | " | |
| Bromochloromethane | ND | --- | 35.3 | " | " | " | " | |
| Bromodichloromethane | ND | --- | 35.3 | " | " | " | " | |
| Bromoform | ND | --- | 70.5 | " | " | " | " | |
| Bromomethane | ND | --- | 705 | " | " | " | " | |
| 2-Butanone (MEK) | ND | --- | 705 | " | " | " | " | |
| n-Butylbenzene | ND | --- | 70.5 | " | " | " | " | |
| sec-Butylbenzene | ND | --- | 70.5 | " | " | " | " | |
| tert-Butylbenzene | ND | --- | 70.5 | " | " | " | " | |
| Carbon tetrachloride | ND | --- | 141 | " | " | " | " | |
| Chlorobenzene | ND | --- | 35.3 | " | " | " | " | |
| Chloroethane | ND | --- | 705 | " | " | " | " | Q-30 |
| Chloroform | ND | --- | 353 | " | " | " | " | |
| Chloromethane | ND | --- | 353 | " | " | " | " | |
| 2-Chlorotoluene | ND | --- | 35.3 | " | " | " | " | |
| 4-Chlorotoluene | ND | --- | 70.5 | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | --- | 141 | " | " | " | " | |
| Dibromochloromethane | ND | --- | 141 | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | --- | 35.3 | " | " | " | " | |
| Dibromomethane | ND | --- | 70.5 | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | --- | 35.3 | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | --- | 35.3 | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | --- | 70.5 | " | " | " | " | |
| Dichlorodifluoromethane | ND | --- | 141 | " | " | " | " | |
| 1,1-Dichloroethane | ND | --- | 35.3 | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | --- | 35.3 | " | " | " | " | |
| 1,1-Dichloroethene | ND | --- | 35.3 | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | --- | 35.3 | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | --- | 70.5 | " | " | " | " | |
| 1,2-Dichloropropane | ND | --- | 35.3 | " | " | " | " | |
| 1,3-Dichloropropane | ND | --- | 35.3 | " | " | " | " | |
| 2,2-Dichloropropane | ND | --- | 70.5 | " | " | " | " | |
| 1,1-Dichloropropene | ND | --- | 70.5 | " | " | " | " | |

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Philip Nerenberg, Lab Director

Kennedy Jenks

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 Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.40
 Project Manager: Gregg Bryden

Reported:

08/26/09 11:03

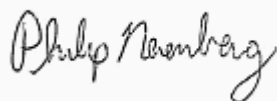
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|---|--------|-----|------------------------|-------------------------|----------|---------------|------------|-------|
| | | | Limit | Units | | | | |
| KJB-12-3' (A908130-06) | | | Matrix: Soil | | | | | |
| cis-1,3-Dichloropropene | ND | --- | 141 | ug/kg dry | 50 | " | 5035/8260B | |
| trans-1,3-Dichloropropene | ND | --- | 141 | " | " | " | " | |
| Ethylbenzene | ND | --- | 35.3 | " | " | " | " | |
| Hexachlorobutadiene | ND | --- | 353 | " | " | " | " | |
| 2-Hexanone | ND | --- | 705 | " | " | " | " | |
| Isopropylbenzene | ND | --- | 70.5 | " | " | " | " | |
| 4-Isopropyltoluene | ND | --- | 70.5 | " | " | " | " | |
| 4-Methyl-2-pentanone (MiBK) | ND | --- | 705 | " | " | " | " | |
| Methyl tert-butyl ether (MTBE) | ND | --- | 70.5 | " | " | " | " | |
| Methylene chloride | ND | --- | 353 | " | " | " | " | |
| Naphthalene | ND | --- | 353 | " | " | " | " | |
| n-Propylbenzene | ND | --- | 35.3 | " | " | " | " | |
| Styrene | ND | --- | 141 | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | --- | 70.5 | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | --- | 70.5 | " | " | " | " | |
| Tetrachloroethene (PCE) | ND | --- | 70.5 | " | " | " | " | |
| Toluene | ND | --- | 141 | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | --- | 141 | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | --- | 141 | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | --- | 70.5 | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | --- | 70.5 | " | " | " | " | |
| Trichloroethene (TCE) | ND | --- | 35.3 | " | " | " | " | |
| Trichlorofluoromethane | ND | --- | 141 | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | --- | 70.5 | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | --- | 70.5 | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | --- | 70.5 | " | " | " | " | |
| Vinyl chloride | ND | --- | 35.3 | " | " | " | " | |
| m,p-Xylene | ND | --- | 70.5 | " | " | " | " | |
| o-Xylene | ND | --- | 35.3 | " | " | " | " | |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> | | | <i>Recovery: 107 %</i> | <i>Limits: 70-130 %</i> | 1 | " | " | |
| <i>1,4-Difluorobenzene (Surr)</i> | | | <i>111 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>Toluene-d8 (Surr)</i> | | | <i>106 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>4-Bromofluorobenzene (Surr)</i> | | | <i>104 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |

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Philip Nerenberg, Lab Director

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 Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.40
 Project Manager: Gregg Bryden

Reported:

08/26/09 11:03

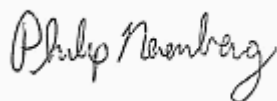
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|-------------------------------|--------|-----|---------------------|-----------|----------|----------------|------------|-------|
| | | | Limit | Units | | | | |
| KJB-11-1' (A908130-07) | | | Matrix: Soil | | | | | |
| Acetone | ND | --- | 1360 | ug/kg dry | 50 | 08/24/09 07:50 | 5035/8260B | |
| Benzene | ND | --- | 17.1 | " | " | " | " | |
| Bromobenzene | ND | --- | 34.1 | " | " | " | " | |
| Bromochloromethane | ND | --- | 34.1 | " | " | " | " | |
| Bromodichloromethane | ND | --- | 34.1 | " | " | " | " | |
| Bromoform | ND | --- | 68.2 | " | " | " | " | |
| Bromomethane | ND | --- | 682 | " | " | " | " | |
| 2-Butanone (MEK) | ND | --- | 682 | " | " | " | " | |
| n-Butylbenzene | ND | --- | 68.2 | " | " | " | " | |
| sec-Butylbenzene | ND | --- | 68.2 | " | " | " | " | |
| tert-Butylbenzene | ND | --- | 68.2 | " | " | " | " | |
| Carbon tetrachloride | ND | --- | 136 | " | " | " | " | |
| Chlorobenzene | ND | --- | 34.1 | " | " | " | " | |
| Chloroethane | ND | --- | 682 | " | " | " | " | Q-30 |
| Chloroform | ND | --- | 341 | " | " | " | " | |
| Chloromethane | ND | --- | 341 | " | " | " | " | |
| 2-Chlorotoluene | ND | --- | 34.1 | " | " | " | " | |
| 4-Chlorotoluene | ND | --- | 68.2 | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | --- | 136 | " | " | " | " | |
| Dibromochloromethane | ND | --- | 136 | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | --- | 34.1 | " | " | " | " | |
| Dibromomethane | ND | --- | 68.2 | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | --- | 34.1 | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | --- | 34.1 | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | --- | 68.2 | " | " | " | " | |
| Dichlorodifluoromethane | ND | --- | 136 | " | " | " | " | |
| 1,1-Dichloroethane | ND | --- | 34.1 | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | --- | 34.1 | " | " | " | " | |
| 1,1-Dichloroethene | ND | --- | 34.1 | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | --- | 34.1 | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | --- | 68.2 | " | " | " | " | |
| 1,2-Dichloropropane | ND | --- | 34.1 | " | " | " | " | |
| 1,3-Dichloropropane | ND | --- | 34.1 | " | " | " | " | |
| 2,2-Dichloropropane | ND | --- | 68.2 | " | " | " | " | |
| 1,1-Dichloropropene | ND | --- | 68.2 | " | " | " | " | |

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Philip Nerenberg, Lab Director

Kennedy Jenks
200 SW Market St., Suite 500
Portland, OR 97201

Project: **Former Apex Winery**
Project Number: 0792027.40
Project Manager: Gregg Bryden

Reported:
08/26/09 11:03

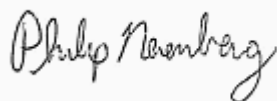
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|---|--------|-----|------------------------|-------------------------|----------|---------------|------------|-------|
| | | | Limit | Units | | | | |
| KJB-11-1' (A908130-07) | | | Matrix: Soil | | | | | |
| cis-1,3-Dichloropropene | ND | --- | 136 | ug/kg dry | 50 | " | 5035/8260B | |
| trans-1,3-Dichloropropene | ND | --- | 136 | " | " | " | " | |
| Ethylbenzene | ND | --- | 34.1 | " | " | " | " | |
| Hexachlorobutadiene | ND | --- | 341 | " | " | " | " | |
| 2-Hexanone | ND | --- | 682 | " | " | " | " | |
| Isopropylbenzene | ND | --- | 68.2 | " | " | " | " | |
| 4-Isopropyltoluene | ND | --- | 68.2 | " | " | " | " | |
| 4-Methyl-2-pentanone (MiBK) | ND | --- | 682 | " | " | " | " | |
| Methyl tert-butyl ether (MTBE) | ND | --- | 68.2 | " | " | " | " | |
| Methylene chloride | ND | --- | 341 | " | " | " | " | |
| Naphthalene | ND | --- | 341 | " | " | " | " | |
| n-Propylbenzene | ND | --- | 34.1 | " | " | " | " | |
| Styrene | ND | --- | 136 | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | --- | 68.2 | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | --- | 68.2 | " | " | " | " | |
| Tetrachloroethene (PCE) | ND | --- | 68.2 | " | " | " | " | |
| Toluene | ND | --- | 136 | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | --- | 136 | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | --- | 136 | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | --- | 68.2 | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | --- | 68.2 | " | " | " | " | |
| Trichloroethene (TCE) | ND | --- | 34.1 | " | " | " | " | |
| Trichlorofluoromethane | ND | --- | 136 | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | --- | 68.2 | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | --- | 68.2 | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | --- | 68.2 | " | " | " | " | |
| Vinyl chloride | ND | --- | 34.1 | " | " | " | " | |
| m,p-Xylene | ND | --- | 68.2 | " | " | " | " | |
| o-Xylene | ND | --- | 34.1 | " | " | " | " | |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> | | | <i>Recovery: 107 %</i> | <i>Limits: 70-130 %</i> | 1 | " | " | |
| <i>1,4-Difluorobenzene (Surr)</i> | | | <i>108 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>Toluene-d8 (Surr)</i> | | | <i>106 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>4-Bromofluorobenzene (Surr)</i> | | | <i>103 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |

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Philip Nerenberg, Lab Director

Kennedy Jenks
 200 SW Market St., Suite 500
 Portland, OR 97201

Project: **Former Apex Winery**
 Project Number: 0792027.40
 Project Manager: Gregg Bryden

Reported:
 08/26/09 11:03

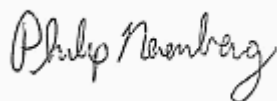
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|-------------------------------|--------|-----|---------------------|-----------|----------|----------------|------------|-------|
| | | | Limit | Units | | | | |
| KJB-11-4' (A908130-08) | | | Matrix: Soil | | | | | |
| Acetone | ND | --- | 1680 | ug/kg dry | 50 | 08/24/09 08:18 | 5035/8260B | |
| Benzene | ND | --- | 21.1 | " | " | " | " | |
| Bromobenzene | ND | --- | 42.1 | " | " | " | " | |
| Bromochloromethane | ND | --- | 42.1 | " | " | " | " | |
| Bromodichloromethane | ND | --- | 42.1 | " | " | " | " | |
| Bromoform | ND | --- | 84.2 | " | " | " | " | |
| Bromomethane | ND | --- | 842 | " | " | " | " | |
| 2-Butanone (MEK) | ND | --- | 842 | " | " | " | " | |
| n-Butylbenzene | ND | --- | 84.2 | " | " | " | " | |
| sec-Butylbenzene | ND | --- | 84.2 | " | " | " | " | |
| tert-Butylbenzene | ND | --- | 84.2 | " | " | " | " | |
| Carbon tetrachloride | ND | --- | 168 | " | " | " | " | |
| Chlorobenzene | ND | --- | 42.1 | " | " | " | " | |
| Chloroethane | ND | --- | 842 | " | " | " | " | Q-30 |
| Chloroform | ND | --- | 421 | " | " | " | " | |
| Chloromethane | ND | --- | 421 | " | " | " | " | |
| 2-Chlorotoluene | ND | --- | 42.1 | " | " | " | " | |
| 4-Chlorotoluene | ND | --- | 84.2 | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | --- | 168 | " | " | " | " | |
| Dibromochloromethane | ND | --- | 168 | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | --- | 42.1 | " | " | " | " | |
| Dibromomethane | ND | --- | 84.2 | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | --- | 42.1 | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | --- | 42.1 | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | --- | 84.2 | " | " | " | " | |
| Dichlorodifluoromethane | ND | --- | 168 | " | " | " | " | |
| 1,1-Dichloroethane | ND | --- | 42.1 | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | --- | 42.1 | " | " | " | " | |
| 1,1-Dichloroethene | ND | --- | 42.1 | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | --- | 42.1 | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | --- | 84.2 | " | " | " | " | |
| 1,2-Dichloropropane | ND | --- | 42.1 | " | " | " | " | |
| 1,3-Dichloropropane | ND | --- | 42.1 | " | " | " | " | |
| 2,2-Dichloropropane | ND | --- | 84.2 | " | " | " | " | |
| 1,1-Dichloropropene | ND | --- | 84.2 | " | " | " | " | |

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Philip Nerenberg, Lab Director

Kennedy Jenks

200 SW Market St., Suite 500
 Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.40
 Project Manager: Gregg Bryden

Reported:

08/26/09 11:03

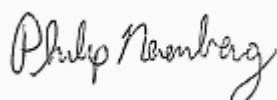
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|---|--------|-----|------------------------|-------------------------|----------|---------------|------------|-------|
| | | | Limit | Units | | | | |
| KJB-11-4' (A908130-08) | | | Matrix: Soil | | | | | |
| cis-1,3-Dichloropropene | ND | --- | 168 | ug/kg dry | 50 | " | 5035/8260B | |
| trans-1,3-Dichloropropene | ND | --- | 168 | " | " | " | " | |
| Ethylbenzene | ND | --- | 42.1 | " | " | " | " | |
| Hexachlorobutadiene | ND | --- | 421 | " | " | " | " | |
| 2-Hexanone | ND | --- | 842 | " | " | " | " | |
| Isopropylbenzene | ND | --- | 84.2 | " | " | " | " | |
| 4-Isopropyltoluene | ND | --- | 84.2 | " | " | " | " | |
| 4-Methyl-2-pentanone (MiBK) | ND | --- | 842 | " | " | " | " | |
| Methyl tert-butyl ether (MTBE) | ND | --- | 84.2 | " | " | " | " | |
| Methylene chloride | ND | --- | 421 | " | " | " | " | |
| Naphthalene | ND | --- | 421 | " | " | " | " | |
| n-Propylbenzene | ND | --- | 42.1 | " | " | " | " | |
| Styrene | ND | --- | 168 | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | --- | 84.2 | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | --- | 84.2 | " | " | " | " | |
| Tetrachloroethene (PCE) | ND | --- | 84.2 | " | " | " | " | |
| Toluene | ND | --- | 168 | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | --- | 168 | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | --- | 168 | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | --- | 84.2 | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | --- | 84.2 | " | " | " | " | |
| Trichloroethene (TCE) | ND | --- | 42.1 | " | " | " | " | |
| Trichlorofluoromethane | ND | --- | 168 | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | --- | 84.2 | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | --- | 84.2 | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | --- | 84.2 | " | " | " | " | |
| Vinyl chloride | ND | --- | 42.1 | " | " | " | " | |
| m,p-Xylene | ND | --- | 84.2 | " | " | " | " | |
| o-Xylene | ND | --- | 42.1 | " | " | " | " | |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> | | | <i>Recovery: 106 %</i> | <i>Limits: 70-130 %</i> | 1 | " | " | |
| <i>1,4-Difluorobenzene (Surr)</i> | | | <i>108 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>Toluene-d8 (Surr)</i> | | | <i>108 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>4-Bromofluorobenzene (Surr)</i> | | | <i>103 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |

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Philip Nerenberg, Lab Director

Kennedy Jenks

200 SW Market St., Suite 500
 Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.40
 Project Manager: Gregg Bryden

Reported:

08/26/09 11:03

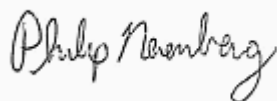
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|-------------------------------|--------|-----|---------------------|-----------|----------|----------------|------------|-------|
| | | | Limit | Units | | | | |
| KJB-13-1' (A908130-09) | | | Matrix: Soil | | | | | |
| Acetone | ND | --- | 1510 | ug/kg dry | 50 | 08/24/09 08:45 | 5035/8260B | |
| Benzene | ND | --- | 18.8 | " | " | " | " | |
| Bromobenzene | ND | --- | 37.7 | " | " | " | " | |
| Bromochloromethane | ND | --- | 37.7 | " | " | " | " | |
| Bromodichloromethane | ND | --- | 37.7 | " | " | " | " | |
| Bromoform | ND | --- | 75.4 | " | " | " | " | |
| Bromomethane | ND | --- | 754 | " | " | " | " | |
| 2-Butanone (MEK) | ND | --- | 754 | " | " | " | " | |
| n-Butylbenzene | ND | --- | 75.4 | " | " | " | " | |
| sec-Butylbenzene | ND | --- | 75.4 | " | " | " | " | |
| tert-Butylbenzene | ND | --- | 75.4 | " | " | " | " | |
| Carbon tetrachloride | ND | --- | 151 | " | " | " | " | |
| Chlorobenzene | ND | --- | 37.7 | " | " | " | " | |
| Chloroethane | ND | --- | 754 | " | " | " | " | Q-30 |
| Chloroform | ND | --- | 377 | " | " | " | " | |
| Chloromethane | ND | --- | 377 | " | " | " | " | |
| 2-Chlorotoluene | ND | --- | 37.7 | " | " | " | " | |
| 4-Chlorotoluene | ND | --- | 75.4 | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | --- | 151 | " | " | " | " | |
| Dibromochloromethane | ND | --- | 151 | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | --- | 37.7 | " | " | " | " | |
| Dibromomethane | ND | --- | 75.4 | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | --- | 37.7 | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | --- | 37.7 | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | --- | 75.4 | " | " | " | " | |
| Dichlorodifluoromethane | ND | --- | 151 | " | " | " | " | |
| 1,1-Dichloroethane | ND | --- | 37.7 | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | --- | 37.7 | " | " | " | " | |
| 1,1-Dichloroethene | ND | --- | 37.7 | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | --- | 37.7 | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | --- | 75.4 | " | " | " | " | |
| 1,2-Dichloropropane | ND | --- | 37.7 | " | " | " | " | |
| 1,3-Dichloropropane | ND | --- | 37.7 | " | " | " | " | |
| 2,2-Dichloropropane | ND | --- | 75.4 | " | " | " | " | |
| 1,1-Dichloropropene | ND | --- | 75.4 | " | " | " | " | |

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Philip Nerenberg, Lab Director

Kennedy Jenks
200 SW Market St., Suite 500
Portland, OR 97201

Project: **Former Apex Winery**
Project Number: 0792027.40
Project Manager: Gregg Bryden

Reported:
08/26/09 11:03

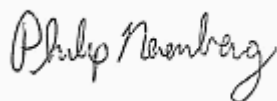
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|---|--------|-----|------------------------|-------------------------|----------|---------------|------------|-------|
| | | | Limit | Units | | | | |
| KJB-13-1' (A908130-09) | | | Matrix: Soil | | | | | |
| cis-1,3-Dichloropropene | ND | --- | 151 | ug/kg dry | 50 | " | 5035/8260B | |
| trans-1,3-Dichloropropene | ND | --- | 151 | " | " | " | " | |
| Ethylbenzene | ND | --- | 37.7 | " | " | " | " | |
| Hexachlorobutadiene | ND | --- | 377 | " | " | " | " | |
| 2-Hexanone | ND | --- | 754 | " | " | " | " | |
| Isopropylbenzene | ND | --- | 75.4 | " | " | " | " | |
| 4-Isopropyltoluene | ND | --- | 75.4 | " | " | " | " | |
| 4-Methyl-2-pentanone (MiBK) | ND | --- | 754 | " | " | " | " | |
| Methyl tert-butyl ether (MTBE) | ND | --- | 75.4 | " | " | " | " | |
| Methylene chloride | ND | --- | 377 | " | " | " | " | |
| Naphthalene | ND | --- | 377 | " | " | " | " | |
| n-Propylbenzene | ND | --- | 37.7 | " | " | " | " | |
| Styrene | ND | --- | 151 | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | --- | 75.4 | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | --- | 75.4 | " | " | " | " | |
| Tetrachloroethene (PCE) | ND | --- | 75.4 | " | " | " | " | |
| Toluene | ND | --- | 151 | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | --- | 151 | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | --- | 151 | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | --- | 75.4 | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | --- | 75.4 | " | " | " | " | |
| Trichloroethene (TCE) | ND | --- | 37.7 | " | " | " | " | |
| Trichlorofluoromethane | ND | --- | 151 | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | --- | 75.4 | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | --- | 75.4 | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | --- | 75.4 | " | " | " | " | |
| Vinyl chloride | ND | --- | 37.7 | " | " | " | " | |
| m,p-Xylene | ND | --- | 75.4 | " | " | " | " | |
| o-Xylene | ND | --- | 37.7 | " | " | " | " | |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> | | | <i>Recovery: 108 %</i> | <i>Limits: 70-130 %</i> | 1 | " | " | |
| <i>1,4-Difluorobenzene (Surr)</i> | | | <i>107 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>Toluene-d8 (Surr)</i> | | | <i>107 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>4-Bromofluorobenzene (Surr)</i> | | | <i>104 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |

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Philip Nerenberg, Lab Director

Kennedy Jenks

200 SW Market St., Suite 500
 Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.40
 Project Manager: Gregg Bryden

Reported:
 08/26/09 11:03

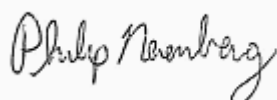
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|-------------------------------|--------|-----|---------------------|-----------|----------|----------------|------------|-------|
| | | | Limit | Units | | | | |
| KJB-13-4' (A908130-10) | | | Matrix: Soil | | | | | |
| Acetone | ND | --- | 1540 | ug/kg dry | 50 | 08/24/09 09:13 | 5035/8260B | |
| Benzene | ND | --- | 19.3 | " | " | " | " | |
| Bromobenzene | ND | --- | 38.5 | " | " | " | " | |
| Bromochloromethane | ND | --- | 38.5 | " | " | " | " | |
| Bromodichloromethane | ND | --- | 38.5 | " | " | " | " | |
| Bromoform | ND | --- | 77.1 | " | " | " | " | |
| Bromomethane | ND | --- | 771 | " | " | " | " | |
| 2-Butanone (MEK) | ND | --- | 771 | " | " | " | " | |
| n-Butylbenzene | ND | --- | 77.1 | " | " | " | " | |
| sec-Butylbenzene | ND | --- | 77.1 | " | " | " | " | |
| tert-Butylbenzene | ND | --- | 77.1 | " | " | " | " | |
| Carbon tetrachloride | ND | --- | 154 | " | " | " | " | |
| Chlorobenzene | ND | --- | 38.5 | " | " | " | " | |
| Chloroethane | ND | --- | 771 | " | " | " | " | Q-30 |
| Chloroform | ND | --- | 385 | " | " | " | " | |
| Chloromethane | ND | --- | 385 | " | " | " | " | |
| 2-Chlorotoluene | ND | --- | 38.5 | " | " | " | " | |
| 4-Chlorotoluene | ND | --- | 77.1 | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | --- | 154 | " | " | " | " | |
| Dibromochloromethane | ND | --- | 154 | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | --- | 38.5 | " | " | " | " | |
| Dibromomethane | ND | --- | 77.1 | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | --- | 38.5 | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | --- | 38.5 | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | --- | 77.1 | " | " | " | " | |
| Dichlorodifluoromethane | ND | --- | 154 | " | " | " | " | |
| 1,1-Dichloroethane | ND | --- | 38.5 | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | --- | 38.5 | " | " | " | " | |
| 1,1-Dichloroethene | ND | --- | 38.5 | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | --- | 38.5 | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | --- | 77.1 | " | " | " | " | |
| 1,2-Dichloropropane | ND | --- | 38.5 | " | " | " | " | |
| 1,3-Dichloropropane | ND | --- | 38.5 | " | " | " | " | |
| 2,2-Dichloropropane | ND | --- | 77.1 | " | " | " | " | |
| 1,1-Dichloropropene | ND | --- | 77.1 | " | " | " | " | |

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Kennedy Jenks

200 SW Market St., Suite 500
 Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.40
 Project Manager: Gregg Bryden

Reported:

08/26/09 11:03

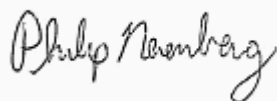
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|---|--------|-----|------------------------|-------------------------|----------|---------------|------------|-------|
| | | | Limit | Units | | | | |
| KJB-13-4' (A908130-10) | | | | | | | | |
| Matrix: Soil | | | | | | | | |
| cis-1,3-Dichloropropene | ND | --- | 154 | ug/kg dry | 50 | " | 5035/8260B | |
| trans-1,3-Dichloropropene | ND | --- | 154 | " | " | " | " | |
| Ethylbenzene | ND | --- | 38.5 | " | " | " | " | |
| Hexachlorobutadiene | ND | --- | 385 | " | " | " | " | |
| 2-Hexanone | ND | --- | 771 | " | " | " | " | |
| Isopropylbenzene | ND | --- | 77.1 | " | " | " | " | |
| 4-Isopropyltoluene | ND | --- | 77.1 | " | " | " | " | |
| 4-Methyl-2-pentanone (MiBK) | ND | --- | 771 | " | " | " | " | |
| Methyl tert-butyl ether (MTBE) | ND | --- | 77.1 | " | " | " | " | |
| Methylene chloride | ND | --- | 385 | " | " | " | " | |
| Naphthalene | ND | --- | 385 | " | " | " | " | |
| n-Propylbenzene | ND | --- | 38.5 | " | " | " | " | |
| Styrene | ND | --- | 154 | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | --- | 77.1 | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | --- | 77.1 | " | " | " | " | |
| Tetrachloroethene (PCE) | ND | --- | 77.1 | " | " | " | " | |
| Toluene | ND | --- | 154 | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | --- | 154 | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | --- | 154 | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | --- | 77.1 | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | --- | 77.1 | " | " | " | " | |
| Trichloroethene (TCE) | ND | --- | 38.5 | " | " | " | " | |
| Trichlorofluoromethane | ND | --- | 154 | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | --- | 77.1 | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | --- | 77.1 | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | --- | 77.1 | " | " | " | " | |
| Vinyl chloride | ND | --- | 38.5 | " | " | " | " | |
| m,p-Xylene | ND | --- | 77.1 | " | " | " | " | |
| o-Xylene | ND | --- | 38.5 | " | " | " | " | |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> | | | <i>Recovery: 105 %</i> | <i>Limits: 70-130 %</i> | 1 | " | " | |
| <i>1,4-Difluorobenzene (Surr)</i> | | | <i>105 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>Toluene-d8 (Surr)</i> | | | <i>107 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>4-Bromofluorobenzene (Surr)</i> | | | <i>102 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |

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Philip Nerenberg, Lab Director

Kennedy Jenks

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 Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.40
 Project Manager: Gregg Bryden

Reported:

08/26/09 11:03

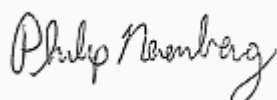
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|-------------------------------|--------|-----|---------------------|-----------|----------|----------------|------------|-------|
| | | | Limit | Units | | | | |
| KJB-14-1' (A908130-11) | | | Matrix: Soil | | | | | |
| Acetone | ND | --- | 1350 | ug/kg dry | 50 | 08/24/09 09:41 | 5035/8260B | |
| Benzene | ND | --- | 16.9 | " | " | " | " | |
| Bromobenzene | ND | --- | 33.7 | " | " | " | " | |
| Bromochloromethane | ND | --- | 33.7 | " | " | " | " | |
| Bromodichloromethane | ND | --- | 33.7 | " | " | " | " | |
| Bromoform | ND | --- | 67.5 | " | " | " | " | |
| Bromomethane | ND | --- | 675 | " | " | " | " | |
| 2-Butanone (MEK) | ND | --- | 675 | " | " | " | " | |
| n-Butylbenzene | ND | --- | 67.5 | " | " | " | " | |
| sec-Butylbenzene | ND | --- | 67.5 | " | " | " | " | |
| tert-Butylbenzene | ND | --- | 67.5 | " | " | " | " | |
| Carbon tetrachloride | ND | --- | 135 | " | " | " | " | |
| Chlorobenzene | ND | --- | 33.7 | " | " | " | " | |
| Chloroethane | ND | --- | 675 | " | " | " | " | Q-30 |
| Chloroform | ND | --- | 337 | " | " | " | " | |
| Chloromethane | ND | --- | 337 | " | " | " | " | |
| 2-Chlorotoluene | ND | --- | 33.7 | " | " | " | " | |
| 4-Chlorotoluene | ND | --- | 67.5 | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | --- | 135 | " | " | " | " | |
| Dibromochloromethane | ND | --- | 135 | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | --- | 33.7 | " | " | " | " | |
| Dibromomethane | ND | --- | 67.5 | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | --- | 33.7 | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | --- | 33.7 | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | --- | 67.5 | " | " | " | " | |
| Dichlorodifluoromethane | ND | --- | 135 | " | " | " | " | |
| 1,1-Dichloroethane | ND | --- | 33.7 | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | --- | 33.7 | " | " | " | " | |
| 1,1-Dichloroethene | ND | --- | 33.7 | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | --- | 33.7 | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | --- | 67.5 | " | " | " | " | |
| 1,2-Dichloropropane | ND | --- | 33.7 | " | " | " | " | |
| 1,3-Dichloropropane | ND | --- | 33.7 | " | " | " | " | |
| 2,2-Dichloropropane | ND | --- | 67.5 | " | " | " | " | |
| 1,1-Dichloropropene | ND | --- | 67.5 | " | " | " | " | |

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Philip Nerenberg, Lab Director

Kennedy Jenks

200 SW Market St., Suite 500
Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.40
Project Manager: Gregg Bryden

Reported:

08/26/09 11:03

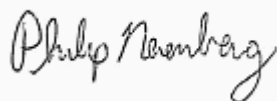
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|---|--------|-----|------------------------|-------------------------|----------|---------------|------------|-------|
| | | | Limit | Units | | | | |
| KJB-14-1' (A908130-11) | | | Matrix: Soil | | | | | |
| cis-1,3-Dichloropropene | ND | --- | 135 | ug/kg dry | 50 | " | 5035/8260B | |
| trans-1,3-Dichloropropene | ND | --- | 135 | " | " | " | " | |
| Ethylbenzene | ND | --- | 33.7 | " | " | " | " | |
| Hexachlorobutadiene | ND | --- | 337 | " | " | " | " | |
| 2-Hexanone | ND | --- | 675 | " | " | " | " | |
| Isopropylbenzene | ND | --- | 67.5 | " | " | " | " | |
| 4-Isopropyltoluene | ND | --- | 67.5 | " | " | " | " | |
| 4-Methyl-2-pentanone (MiBK) | ND | --- | 675 | " | " | " | " | |
| Methyl tert-butyl ether (MTBE) | ND | --- | 67.5 | " | " | " | " | |
| Methylene chloride | ND | --- | 337 | " | " | " | " | |
| Naphthalene | ND | --- | 337 | " | " | " | " | |
| n-Propylbenzene | ND | --- | 33.7 | " | " | " | " | |
| Styrene | ND | --- | 135 | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | --- | 67.5 | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | --- | 67.5 | " | " | " | " | |
| Tetrachloroethene (PCE) | ND | --- | 67.5 | " | " | " | " | |
| Toluene | ND | --- | 135 | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | --- | 135 | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | --- | 135 | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | --- | 67.5 | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | --- | 67.5 | " | " | " | " | |
| Trichloroethene (TCE) | ND | --- | 33.7 | " | " | " | " | |
| Trichlorofluoromethane | ND | --- | 135 | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | --- | 67.5 | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | --- | 67.5 | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | --- | 67.5 | " | " | " | " | |
| Vinyl chloride | ND | --- | 33.7 | " | " | " | " | |
| m,p-Xylene | ND | --- | 67.5 | " | " | " | " | |
| o-Xylene | ND | --- | 33.7 | " | " | " | " | |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> | | | <i>Recovery: 108 %</i> | <i>Limits: 70-130 %</i> | 1 | " | " | |
| <i>1,4-Difluorobenzene (Surr)</i> | | | <i>108 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>Toluene-d8 (Surr)</i> | | | <i>108 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>4-Bromofluorobenzene (Surr)</i> | | | <i>101 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |

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Philip Nerenberg, Lab Director

Kennedy Jenks

200 SW Market St., Suite 500
 Portland, OR 97201

Project: **Former Apex Winery**

Project Number: 0792027.40
 Project Manager: Gregg Bryden

Reported:

08/26/09 11:03

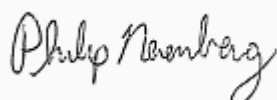
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|-------------------------------|--------|-----|---------------------|-----------|----------|----------------|------------|-------|
| | | | Limit | Units | | | | |
| KJB-14-4' (A908130-12) | | | Matrix: Soil | | | | | |
| Acetone | ND | --- | 1290 | ug/kg dry | 50 | 08/24/09 10:09 | 5035/8260B | |
| Benzene | ND | --- | 16.1 | " | " | " | " | |
| Bromobenzene | ND | --- | 32.2 | " | " | " | " | |
| Bromochloromethane | ND | --- | 32.2 | " | " | " | " | |
| Bromodichloromethane | ND | --- | 32.2 | " | " | " | " | |
| Bromoform | ND | --- | 64.4 | " | " | " | " | |
| Bromomethane | ND | --- | 644 | " | " | " | " | |
| 2-Butanone (MEK) | ND | --- | 644 | " | " | " | " | |
| n-Butylbenzene | ND | --- | 64.4 | " | " | " | " | |
| sec-Butylbenzene | ND | --- | 64.4 | " | " | " | " | |
| tert-Butylbenzene | ND | --- | 64.4 | " | " | " | " | |
| Carbon tetrachloride | ND | --- | 129 | " | " | " | " | |
| Chlorobenzene | ND | --- | 32.2 | " | " | " | " | |
| Chloroethane | ND | --- | 644 | " | " | " | " | Q-30 |
| Chloroform | ND | --- | 322 | " | " | " | " | |
| Chloromethane | ND | --- | 322 | " | " | " | " | |
| 2-Chlorotoluene | ND | --- | 32.2 | " | " | " | " | |
| 4-Chlorotoluene | ND | --- | 64.4 | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | --- | 129 | " | " | " | " | |
| Dibromochloromethane | ND | --- | 129 | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | --- | 32.2 | " | " | " | " | |
| Dibromomethane | ND | --- | 64.4 | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | --- | 32.2 | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | --- | 32.2 | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | --- | 64.4 | " | " | " | " | |
| Dichlorodifluoromethane | ND | --- | 129 | " | " | " | " | |
| 1,1-Dichloroethane | ND | --- | 32.2 | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | --- | 32.2 | " | " | " | " | |
| 1,1-Dichloroethene | ND | --- | 32.2 | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | --- | 32.2 | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | --- | 64.4 | " | " | " | " | |
| 1,2-Dichloropropane | ND | --- | 32.2 | " | " | " | " | |
| 1,3-Dichloropropane | ND | --- | 32.2 | " | " | " | " | |
| 2,2-Dichloropropane | ND | --- | 64.4 | " | " | " | " | |
| 1,1-Dichloropropene | ND | --- | 64.4 | " | " | " | " | |

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Philip Nerenberg, Lab Director

Kennedy Jenks
 200 SW Market St., Suite 500
 Portland, OR 97201

Project: **Former Apex Winery**
 Project Number: 0792027.40
 Project Manager: Gregg Bryden

Reported:
 08/26/09 11:03

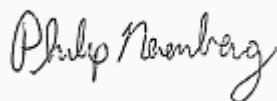
ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260B

| Analyte | Result | MDL | Reporting | | Dilution | Date Analyzed | Method | Notes |
|---|--------|-----|------------------------|-------------------------|----------|---------------|------------|-------|
| | | | Limit | Units | | | | |
| KJB-14-4' (A908130-12) | | | Matrix: Soil | | | | | |
| cis-1,3-Dichloropropene | ND | --- | 129 | ug/kg dry | 50 | " | 5035/8260B | |
| trans-1,3-Dichloropropene | ND | --- | 129 | " | " | " | " | |
| Ethylbenzene | ND | --- | 32.2 | " | " | " | " | |
| Hexachlorobutadiene | ND | --- | 322 | " | " | " | " | |
| 2-Hexanone | ND | --- | 644 | " | " | " | " | |
| Isopropylbenzene | ND | --- | 64.4 | " | " | " | " | |
| 4-Isopropyltoluene | ND | --- | 64.4 | " | " | " | " | |
| 4-Methyl-2-pentanone (MiBK) | ND | --- | 644 | " | " | " | " | |
| Methyl tert-butyl ether (MTBE) | ND | --- | 64.4 | " | " | " | " | |
| Methylene chloride | ND | --- | 322 | " | " | " | " | |
| Naphthalene | ND | --- | 322 | " | " | " | " | |
| n-Propylbenzene | ND | --- | 32.2 | " | " | " | " | |
| Styrene | ND | --- | 129 | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | --- | 64.4 | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | --- | 64.4 | " | " | " | " | |
| Tetrachloroethene (PCE) | ND | --- | 64.4 | " | " | " | " | |
| Toluene | ND | --- | 129 | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | --- | 129 | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | --- | 129 | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | --- | 64.4 | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | --- | 64.4 | " | " | " | " | |
| Trichloroethene (TCE) | ND | --- | 32.2 | " | " | " | " | |
| Trichlorofluoromethane | ND | --- | 129 | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | --- | 64.4 | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | --- | 64.4 | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | --- | 64.4 | " | " | " | " | |
| Vinyl chloride | ND | --- | 32.2 | " | " | " | " | |
| m,p-Xylene | ND | --- | 64.4 | " | " | " | " | |
| o-Xylene | ND | --- | 32.2 | " | " | " | " | |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> | | | <i>Recovery: 106 %</i> | <i>Limits: 70-130 %</i> | 1 | " | " | |
| <i>1,4-Difluorobenzene (Surr)</i> | | | <i>105 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>Toluene-d8 (Surr)</i> | | | <i>107 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |
| <i>4-Bromofluorobenzene (Surr)</i> | | | <i>102 %</i> | <i>Limits: 70-130 %</i> | " | " | " | |

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Philip Nerenberg, Lab Director

Kennedy/Jenks Consultants

Engineers & Scientists

200 S.W. Market Street, Suite 500
Portland, Oregon 97201
503-295-4911
FAX: 503-295-4901

17 June 2010

Ms. Brianne Plath
Site Manager
Toxics Cleanup Program
Washington Department of Ecology
15 West Yakima Avenue, Suite 200
Yakima, WA 98902-3452

Subject: Report Certification
Cream Winery, Sunnyside, Washington
Ecology Facility ID # 46552116
K/J 0792027.40

Dear Ms. Plath:

The attached report titled *Additional Shallow Soil and Groundwater Investigation Report, Former Apex Winery* and dated 28 September 2009, was originally prepared as an internal report on behalf of our client, The Federal Agricultural Mortgage Company, and therefore, was not stamped by a Washington Registered Geologist at the time the report was prepared. At your request, we are providing this information to Ecology to supplement information about conditions at the Cream Winery site in Sunnyside Washington.

I certify that the attached report and associated field work was prepared or conducted by me or by persons working under my direct supervision.

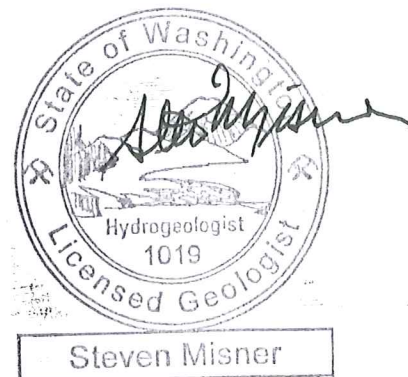
Very truly yours,

KENNEDY/JENKS CONSULTANTS



Steven Misner, LHG
Project Geologist

Enclosure



Kennedy/Jenks Consultants

Engineers & Scientists

200 S.W. Market Street, Suite 500
Portland, Oregon 97201-5715
503-295-4911
503-295-4901 (Fax)

28 September 2009

Lynne Paretchan
Perkins Coie LLP
1120 NW Couch Street
Tenth Floor
Portland, OR 97209-4128

Mark Browning
Federal Agriculture Mortgage Corporation
1517 North Ankeny Blvd, Suite E
Ankeny, Iowa 50021

Subject: Additional Shallow Soil and Groundwater Investigation Report
Former Apex Winery Property, 111 E. Lincoln Ave., Sunnyside, WA
K/J 0792027.40

Dear Ms. Paretchan and Mr. Browning:

Kennedy/Jenks Consultants (Kennedy/Jenks) is pleased to present this *Additional Shallow Soil and Groundwater Investigation Report* (Report) at the former Apex Winery property in Sunnyside, Washington (Site). Figure 1 is a site map showing investigation locations and site features. The purpose of the investigation was to characterize the extent of volatile organic compounds (VOCs) in the soil and shallow groundwater as described in the *Work Plan for Conducting Additional Shallow Soil and Groundwater Investigation* (Work Plan) (Kennedy/Jenks 2009). Specifically, the objective was to evaluate the lateral extent of the tetrachloroethylene (PCE) and methyl tert-butyl ether (MTBE) groundwater plumes and confirm that the former garage area on the Site is not the source of these contaminants. To assist with the investigation, Kennedy/Jenks sampled new and selected existing wells for petroleum hydrocarbons and associated constituents, VOCs, and natural attenuation parameters.

Based on the results of the investigation, the lateral extent of PCE and MTBE in groundwater appears to have been assessed, and the extent of the constituents of concern at concentrations above Model Toxics Cleanup Act (MTCA) Method A cleanup goals does not appear to extend beyond the property line to the south. Furthermore, it does not appear that the former garage area is a contributing source of PCE or MTBE. The results of the investigation are briefly summarized below and are described in greater detail in the remaining portion of this letter:

- PCE was detected in reconnaissance groundwater samples collected from borings KJB-9 and KJB-10 and in groundwater samples collected from monitoring wells MW-14, MW-15, and MW-19, at concentrations that are below the MTCA Method A groundwater cleanup level of 5.0 micrograms per liter ($\mu\text{g/l}$). PCE was detected in groundwater samples collected from monitoring wells MW-11, MW-17, MW-18, and RW-04 at concentrations that exceed the MTCA Method A cleanup level. These wells and

Ms. Lynne Paretchan
Perkins Coie LLP

Mr. Mark Browning
Federal Agriculture Mortgage Corporation
28 September 2009
Page 2

concentrations appear to represent the apparent boundaries of the plume that exceed MCTA Method A cleanup levels as indicated on Figure 1.

- Trichloroethane (TCE) was detected in the groundwater sample collected from monitoring well MW-18 at a concentration below the MTCA Method A cleanup level of 5 ug/l. TCE was detected in the groundwater sample collected from monitoring well RW-04 at a concentration that exceeds the MTCA Method A cleanup level.
- Methyl-tert butyl ether (MTBE) was detected in the groundwater samples collected from monitoring wells MW-18 and RW-04 at concentrations below the MTCA Method A cleanup level of 20 ug/l. MTBE was detected at concentrations that exceed the MTCA Method A cleanup level in the groundwater samples collected from monitoring wells RW-03 and RMW-09.
- Other VOCs were detected in the groundwater samples collected from the monitoring wells. However, the concentrations were either below the MTCA Method A cleanup levels or no cleanup level is established for the respective VOC.
- Petroleum hydrocarbon-related VOCs were detected in one soil sample collected during this investigation (MW-20-5, collected from 5 feet below ground surface [bgs] in the monitoring well MW-20 boring). None of the concentrations of the constituents detected exceed MTCA Method A or B cleanup levels. No VOCs were detected in any of the other soil samples collected during this investigation at concentrations at or above the method reporting limit. Petroleum hydrocarbons were not detected at or above the method reporting limits in any of the soil samples collected during this investigation.
- Diesel-range petroleum hydrocarbons were detected in the reconnaissance groundwater samples collected from borings KJB-9 and KJB-10 at concentrations below the MTCA Method A cleanup level of 0.5 milligrams per liter (mg/l). These hydrocarbons appear to be associated with the hydraulic lift system that may still be present in the former garage area.

Background

In September 2008, Kennedy/Jenks conducted soil and reconnaissance groundwater sampling at the Site. The purpose of the investigation was to characterize the magnitude and extent of VOCs in soil and shallow groundwater on the western portion of the Site and to further assess Site lithology. The investigation was focused on the onsite area where PCE and MTBE have been identified at concentrations above potential cleanup levels in groundwater samples collected as part of the investigation of the adjacent former gas station under the direction of Time Oil.

Based on the results of the September 2008 investigation:

Ms. Lynne Paretchan
Perkins Coie LLP

Mr. Mark Browning
Federal Agriculture Mortgage Corporation
28 September 2009
Page 3

- No onsite release of VOCs was identified at the Site, based on the absence of detected PCE or MTBE in the 13 soil samples analyzed during this investigation.
- PCE was detected in reconnaissance groundwater samples at concentrations below the Model Toxics Cleanup Act (MTCA) Method A cleanup level of 5 micrograms per liter ($\mu\text{g/l}$).
- PCE was not detected in the groundwater samples collected from borings KJB-1 or KJB-2, which are the nearest sampling locations to production Well 2, suggesting that PCE is not present in the shallow groundwater for a distance of at least 250 feet from (cross-gradient) production Well 2.

The results of the September 2008 investigation are consistent with and support that the PCE and MTBE detected in wells at the Site appear to be residual concentrations from a release from an offsite upgradient source and have migrated onsite through groundwater flow. However, additional information was necessary to evaluate whether or not PCE and MTBE impacted groundwater from the offsite source area was migrating beneath the former Apex Winery site onto the adjoining property to the south. In addition, additional data was required to evaluate whether natural attenuation was occurring at that site before recommending monitored natural attenuation to the Washington Department of Ecology as the preferred cleanup strategy for closing the Site.

ACTIVITIES CONDUCTED DURING ADDITIONAL SHALLOW SOIL AND GROUNDWATER INVESTIGATION

Activities performed during the additional soil and groundwater investigation described in this letter were conducted in general accordance with the Work Plan (Kennedy/Jenks 2009). The activities conducted included the following:

- Observe the advancement of eight soil borings (KJB-9 through KJB-14, MW-19 and MW-20) using direct push and hollow stem auger methodology on 11 to 13 August 2009. The results of the soil sampling from borings KJB-11 through KJB-14 located inside the building were presented in a separate report.
- Installation of two new monitoring wells (MW-19 and MW-20).
- Collecting two soil samples from each of the eight soil borings.
- Collecting reconnaissance (groundwater samples collected from a boring or temporary well and not from a monitoring well) groundwater samples from two soil borings, KJB-9-GW and KJB-10-GW, on 12 and 13 August 2009.

Ms. Lynne Paretchan
Perkins Coie LLP

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Federal Agriculture Mortgage Corporation
28 September 2009
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- Abandoning each soil boring in accordance with Chapter 173-160 of the Washington Administrative Code.
- Submitting the soil and reconnaissance groundwater samples to Apex Labs in Tigard, Oregon, for analysis for gasoline-range organics, diesel-range organics, and oil-range organics identification using Northwest Method NWTPH-HCID with follow up for gasoline-, diesel-, and heavy oil-range (Gx and Dx) hydrocarbons as necessary, and VOCs by U.S. Environmental Protection Agency (EPA) Method 5035/8260B.
- Measuring depths to groundwater on 17 August 2009 in monitoring and recovery wells MW-08, MW-10, MW-11, MW-12, MW-13, MW-14, MW-15, MW-17, MW-18, MW-19, MW-20, RW-03, RW-04, and RMW-09. Depth to water and groundwater elevations for 17 August 2009 are summarized in Table 1.
- Collecting groundwater samples on 17 and 18 August 2009, from monitoring and recovery wells MW-11, MW-12, MW-14, MW-15, MW-17, MW-18, MW-19, MW-20, RW-03, RW-04, and RMW-09. The groundwater samples were collected using a peristaltic pump and dedicated tubing, following purging and stabilization of temperature, pH, and conductivity.
- Submitting the groundwater samples to Apex Labs for analysis of VOCs using EPA Method 8260B, petroleum hydrocarbon identification using Northwest Method NWTPH-HCID with follow up by either NWTPH-Gx or NWTPH-Dx, as appropriate. The groundwater samples were also analyzed for the following natural attenuation parameters: nitrate as nitrogen and sulfate using EPA Method 300.0/9056A, dissolved iron and dissolved manganese using EPA Method 6020, total organic carbon (TOC) using Method SM 5310 B, and methane using Method RSK175. The methane analysis was subcontracted to SPL in Houston, Texas through Apex Labs.

RESULTS OF SOIL AND RECONNAISSANCE GROUNDWATER INVESTIGATION

The soil and reconnaissance groundwater analytical results are summarized in Tables 2 and 3, respectively. Boring logs are included in Attachment A.

VOCs

Petroleum hydrocarbon-related VOCs (ethylbenzene; 4-isopropyl toluene; naphthalene; 1,2,4-trimethylbenzene; 1,3,5-trimethylbenzene; m,p-xylene; and o-xylene) were detected in the soil sample collected from boring MW-20-5. None of the detected VOC concentrations exceeded MTCA Method A cleanup levels for unrestricted land use, where established. No VOCs were detected above the method reporting limit in any of the other soil samples analyzed. However, the PCE method reporting limits exceed the MTCA Method A cleanup level of 50 µg/kg.

Ms. Lynne Paretchan
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Mr. Mark Browning
Federal Agriculture Mortgage Corporation
28 September 2009
Page 5

PCE was detected in the reconnaissance groundwater samples collected from borings KJB-9 and KJB-10 at concentrations of 3.40 µg/l and 3.28 µg/l, respectively. These concentrations are below the MTCA Method A groundwater cleanup level of 5.0 µg/l.

Petroleum Hydrocarbons

Petroleum hydrocarbons were not detected above the method reporting limit in soil samples collected from the soil borings.

Diesel-range petroleum hydrocarbons were detected in the reconnaissance groundwater samples collected from borings KJB-9 and KJB-10 at concentrations of 0.439 mg/l and 0.372 mg/l, respectively. However, Apex Labs qualified these results as not resembling a fuel hydrocarbon chromatogram. This may be hydraulic oil from the lift in the former garage. The detected concentrations are below the MTCA Method A groundwater cleanup level of 0.5 mg/l.

RESULTS OF GROUNDWATER MONITORING

Groundwater Elevation Results

The results of groundwater level measurements are discussed below and summarized in Table 1. Groundwater was measured at depths between 19.95 and 22.78 feet below the top of well casing. The groundwater elevation in each well is presented in relation to a common survey datum at the Site. Groundwater elevation contours are shown on Figure 2. The groundwater flow direction is generally to the south-southeast under a hydraulic gradient of approximately 0.04 feet per foot. The flow direction and gradient are consistent with previous monitoring events.

Groundwater Sampling Results

The groundwater analytical results are summarized in Tables 3 and 4 and discussed below. Field parameter measurements are provided in Table 5. Copies of the laboratory analytical reports are included in Attachment B. Groundwater results are compared to MTCA Method A groundwater cleanup levels where available. Figures 3 and 4 show PCE and MTBE groundwater concentrations, respectively. The 5 µg/l for PCE isoconcentration contour and the 20 µg/l isoconcentration contour (MTCA Method A cleanup levels) are also shown on Figures 3 and 4, respectively.

VOCs

Based on the laboratory results, VOCs were detected above the method reporting limit in groundwater samples collected from the 11 wells sampled. The detected VOCs are presented in Table 3 and include: 1,1-dichloroethene; 1,2,4-trichlorobenzene; 1,2,4-trimethylbenzene; 1,3-dichlorobenzene; MTBE; naphthalene; PCE; TCE; m,p-xylene; and o-xylene. With the exception

Ms. Lynne Paretchan
Perkins Coie LLP

Mr. Mark Browning
Federal Agriculture Mortgage Corporation
28 September 2009
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of MTBE, PCE, and TCE, none of the VOC concentrations detected in the groundwater samples collected during this investigation exceeded MTCA Method A cleanup levels.

MTBE was detected above the MTCA Method A cleanup level in the groundwater samples collected from wells RW-03 and RMW-09 at concentrations of 72.6 ug/l and 76.2 ug/l, respectively. PCE was detected at concentrations that exceed the MTCA Method A cleanup level in the groundwater samples collected from wells MW-11 (5.53 ug/l), MW-17 (17.8 ug/l), MW-18 (38.1 ug/l) and RW-04 (7.48 ug/l). Concentrations of TCE exceeded the MTCA Method A cleanup level in the groundwater sample collected from well RW-04.

Petroleum Hydrocarbons

Gasoline-, diesel-, and oil-range organics were not detected above the method reporting limit in any of groundwater samples collected from the 11 wells. Gasoline- and diesel-range organics were detected in the groundwater sample collected from well RMW-09 during the initial analytical screen, but follow-up quantification resulted in non-detect results, as no fuel pattern was detected.

Natural Attenuation Parameters

Dissolved iron, TOC, nitrate-nitrogen, and sulfate were detected above the method reporting limit in groundwater samples collected from all 11 of the wells sampled for natural attenuation parameters. Dissolved manganese was detected in groundwater samples collected in all but two of the wells sampled (MW-12 and MW-15). Methane was not detected above the method reporting limit in any of the 11 wells sampled.

The results of the field parameter and natural attenuation data suggests an aquifer unit exhibiting aerobic conditions, particularly downgradient of the petroleum impacted area (i.e., lower dissolved oxygen [DO] concentrations were observed in RW-03, RW-04, and RMW-09 relative to other sampled wells). The presence of higher order electron acceptors (DO and nitrate) and oxidation-reduction potential measurements in excess of 100 millivolts, suggests onsite aquifer geochemical conditions may not be conducive to biological degradation of PCE and TCE via the anaerobic reductive dechlorination pathway. The absence of the chlorinated ethene daughter products cis-1,2-dichloroethene (cis-1,2-DCE) and vinyl chloride may be attributed to direct oxidation under aerobic conditions.

Based on an evaluation of the PCE concentrations over time, a downward trend is observed in each of the wells. This suggests that although the data are inconclusive as to whether or not biological degradation is occurring, other natural attenuation mechanisms (advection, dispersion, and sorption) appear to be actively occurring at the Site.

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Lithology

The lithology encountered in the borings consisted of silt, sandy silt, silty sand and very fine to fine sand. The soil became saturated in the very fine sand zones below a depth of approximately 20 feet bgs. Evidence of impacted soil or groundwater was not observed during drilling (i.e., field screening did not indicate odors, discoloration, or VOC vapors detectable by a PID device that can detect PCE and MTBE).

DATA QUALITY

The method reporting limits for PCE analysis in soil exceeded the MTCA Method A cleanup level of 50 µg/kg.

Duplicate samples were collected from monitoring well MW-11 (DUP-1) for analysis of VOCs and petroleum hydrocarbons. The analytical results were generally consistent with the primary sample results. The concentration of PCE in the primary sample collected from monitoring well MW-11 (5.53 µg/l) slightly exceeded the MTCA Method A groundwater cleanup level of 5.0 µg/l, while the concentration in the duplicate sample (4.29 µg/l) was slightly below the cleanup level.

One field blank sample (QCFB-1) was collected at the Site and submitted for analysis of VOCs. No VOCs were detected above the method reporting limit. No VOCs were detected above the method reporting limit in the trip blank provided by Apex Labs.

Diesel-range organics detected in groundwater samples KJB-9-GW and KJB-10-GW were qualified by Apex Labs as being due to the presence of individual analyte peaks in the elutriation time range, but not consistent with a fuel pattern.

Gasoline-range organics were detected in the laboratory method blank water sample associated with the soil boring results, at a concentration below the method reporting limit, but greater than one-half the method reporting limit.

Samples collected from monitoring wells MW-12, MW-15, MW-18, and MW-20 were analyzed for nitrate-nitrogen outside the EPA recommended holding time because they had to be re-run due to higher than expected concentrations. Three of the samples were re-analyzed up to several hours past the hold time and they showed identical or nearly identical results to the runs within hold time. The only sample with a significant change in the results (MW-12) was analyzed 3 minutes past the hold time.

Based on a review of the laboratory report, it is our opinion that the analytical data are of acceptable quality for their intended use. A laboratory case narrative prepared by Apex Labs is included as part of Attachment B.

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SUMMARY AND CONCLUSIONS

Additional soil and groundwater investigation was conducted at the former Apex Winery property in August 2009. Petroleum hydrocarbon-related VOCs were detected in one soil sample (MW-20-5) at concentrations below MTCA Method A cleanup levels. VOCs were detected in groundwater samples collected from all soil borings and monitoring wells. PCE concentrations exceeded the MTCA Method A groundwater cleanup level in four groundwater samples (MW-11, MW-17, MW-18, and RW-04). The concentration of TCE also exceeded the MTCA Method A groundwater cleanup level in one groundwater sample (RW-04). MTBE concentrations exceeded the MTCA Method A groundwater cleanup level in monitoring wells RW-03 and RMW-09.

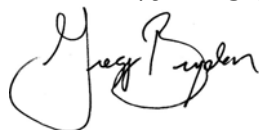
Diesel-range organics were detected above the method reporting limit in the reconnaissance groundwater samples collected from soil borings KJB-9 and KJB-10; however, these results may not represent a true diesel detection, as the chromatographic pattern did not resemble fuel.

Based on the results of the investigation, the lateral extent of PCE and MTBE in the shallow groundwater has been assessed and it does not appear that the former garage area is a contributing source of PCE. PCE and MTBE concentrations in groundwater that are above MTCA Method A cleanup goals are within the boundaries of the former Apex Winery property—neither of these constituents appears to be present down gradient at the site at concentrations above their cleanup goals. PCE concentrations in the monitoring wells appear to be attenuating with time. Although the data are inconclusive as to whether biological degradation is occurring, other natural attenuation mechanisms (advection, dispersion, and sorption) appear to be actively occurring at the Site.

If you have any questions regarding this report, please call Gregg Bryden at 503-295-4911.

Very truly yours,

KENNEDY/JENKS CONSULTANTS



Gregg Bryden
Project Manager

Enclosures

Table 1 – Groundwater Elevation Results

Table 2 – Summary of Soil Analytical Results

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Table 3 – Summary of Groundwater Analytical Results

Table 4 – Summary of Groundwater Natural Attenuation Results

Table 5 – Groundwater Field Parameters Measurements

Figure 1 – Site Map

Figure 2 – Groundwater Elevation Contour Map August 2009

Figure 3 – PCE Concentrations in Groundwater, August 2009

Figure 4 – MTCE Concentrations in Groundwater, August 2009

Attachment A – Boring Logs

Tables

Table 1: Groundwater Elevation Results

| Well Designation | Date Measured | Top of Casing Elevation (feet) ^(a) | Depth to Groundwater (feet) ^(b) | Groundwater Elevation (feet) |
|------------------|---------------|---|--|------------------------------|
| MW-08 | 8/17/2009 | 751.46 | NM | NA |
| MW-10 | 8/17/2009 | 752.83 | 19.95 | 732.88 |
| MW-11 | 8/17/2009 | 748.57 | 21.18 | 727.39 |
| MW-12 | 8/17/2009 | 744.29 | 20.67 | 723.62 |
| MW-13 | 8/17/2009 | 750.25 | 20.80 | 729.45 |
| MW-14 | 8/17/2009 | 749.88 | 21.29 | 728.59 |
| MW-15 | 8/17/2009 | 749.39 | 21.55 | 727.84 |
| MW-17 | 8/17/2009 | 747.27 | 20.95 | 726.32 |
| MW-18 | 8/17/2009 | 747.58 | 21.01 | 726.57 |
| MW-19 | 8/17/2009 | 747.7 | 22.57 | 725.13 |
| MW-20 | 8/17/2009 | 747.23 | 22.78 | 724.45 |
| RW-02 | 8/17/2009 | 751.43 | NM | NA |
| RW-03 | 8/17/2009 | 750.87 | 20.70 | 730.17 |
| RW-04 | 8/17/2009 | 749.65 | 20.65 | 729.00 |
| RW-05 | 8/17/2009 | 748.51 | NM | NA |
| RW-08 | 8/17/2009 | 754.12 | NM | NA |
| RMW-09 | 8/17/2009 | 751.68 | 19.98 | 731.70 |

Notes:

- (a) Measured in feet above mean sea level.
- (b) Measured in feet below the top of the well casing.

Table 2: Summary of Soil Analytical Results

| Sample Identification | Sample Collection Date | Sample Depth (ft bgs) ^(a) | Volatile Organic Compounds | | | | | | | |
|------------------------------|------------------------|--------------------------------------|-------------------------------------|-----------------------------|---------------------|----------------------------|--------------------------------|--------------------------------|--------------------|------------------|
| | | | Ethylbenzene (µg/kg) ^(b) | 4-Isopropyl-toluene (µg/kg) | Naphthalene (µg/kg) | Tetrachloro-ethene (µg/kg) | 1,2,4-Trimethylbenzene (µg/kg) | 1,3,5-Trimethylbenzene (µg/kg) | m,p-Xylene (µg/kg) | o-Xylene (µg/kg) |
| KJB-9-5 | 08/12/2009 | 5 | 32.6 U | 65.1 U | 326 U | 65.1 U | 65.1 U | 65.1 U | 65.1 U | 32.6 U |
| KJB-9-20 | 08/12/2009 | 20 | 33.6 U | 67.2 U | 336 U | 67.2 U | 67.2 U | 67.2 U | 67.2 U | 33.6 U |
| KJB-10-5 | 08/13/2009 | 5 | 32.7 U | 65.4 U | 327 U | 65.4 U | 65.4 U | 65.4 U | 65.4 U | 32.7 U |
| KJB-10-19 | 08/13/2009 | 19 | 33.0 U | 66.0 U | 330 U | 66.0 U | 66.0 U | 66.0 U | 66.0 U | 33.0 U |
| KJB-11-1 | 08/12/2009 | 1 | 34.1 U | 68.2 U | 341 U | 68.2 U | 68.2 U | 68.2 U | 68.2 U | 34.1 U |
| KJB-11-4 | 08/12/2009 | 4 | 42.1 U | 84.2 U | 421 U | 84.2 U | 84.2 U | 84.2 U | 84.2 U | 42.1 U |
| KJB-12-0.5 | 08/12/2009 | 0.5 | 34.3 U | 68.7 U | 343 U | 68.7 U | 68.7 U | 68.7 U | 68.7 U | 34.3 U |
| KJB-12-3 | 08/12/2009 | 3 | 35.3 U | 70.5 U | 353 U | 70.5 U | 70.5 U | 70.5 U | 70.5 U | 35.3 U |
| KJB-13-1 | 08/12/2009 | 1 | 37.7 U | 75.4 U | 377 U | 75.4 U | 75.4 U | 75.4 U | 75.4 U | 37.7 U |
| KJB-13-4 | 08/12/2009 | 4 | 38.5 U | 77.1 U | 385 U | 77.1 U | 77.1 U | 77.1 U | 77.1 U | 38.5 U |
| KJB-14-1 | 08/12/2009 | 1 | 33.7 U | 67.5 U | 337 U | 67.5 U | 67.5 U | 67.5 U | 67.5 U | 33.7 U |
| KJB-14-4 | 08/12/2009 | 4 | 32.2 U | 64.4 U | 322 U | 64.4 U | 64.4 U | 64.4 U | 64.4 U | 32.2 U |
| MW-19-5 | 08/11/2009 | 5 | 323 U ^(c) | 64.7 U | 323 U | 64.7 U | 64.7 U | 64.7 U | 64.7 U | 32.3 U |
| MW-19-19.5 | 08/11/2009 | 19.5 | 34.0 U | 68.0 U | 340 U | 68.0 U | 68.0 U | 68.0 U | 68.0 U | 34.0 U |
| MW-20-5 | 08/13/2009 | 5 | 34.2 | 72.6 | 367 | 68.5 U | 243 | 74.7 | 279 | 227 |
| MW-20-18 | 08/13/2009 | 18 | 26.8 U | 53.6 U | 268 U | 53.6 U | 53.6 U | 53.6 U | 53.6 U | 26.8 U |
| MTCA Method A ^(d) | | | 6,000 | NE ^(e) | 5,000 | 50 | NE | NE | NE | NE |
| MTCA Method B ^(f) | | | 8.0E+06 | NE | 1.6E+06 | 1.9E+03 | 4.0E+06 | 4.0E+06 | 1.6E+08 | 1.6E+08 |

Notes:

- (a) ft bgs = feet below ground surface.
 - (b) µg/kg = micrograms per kilogram.
 - (c) U signifies that analyte was not detected above the method reporting limit (MRL). The value listed is the MRL.
 - (d) Model Toxics Control Act Method A cleanup level for unrestricted land use (Ecology 2009).
 - (e) NE = not established.
 - (f) Model Toxics Control Act Method B cleanup level. The lower of cancer and noncancer values is given (Ecology 2009).
- Only detected analytes are listed. Detected concentrations are shown in bold font.

Table 3: Summary of Groundwater Analytical Results

| Sample Identification | Sample Collection Date | Petroleum Hydrocarbons | | | Volatile Organic Compounds | | | | | | | | | |
|------------------------------|------------------------|-----------------------------------|----------------------------------|---------------------------|-------------------------------|--------------------------------|---------------------------------|-----------------------------|--------------------------------|--------------------|---------------------------|-------------------------|----------------------|----------------------|
| | | Gasoline-range Organics (mg/l)(a) | Diesel-range Organics (mg/l) | Oil-range Organics (mg/l) | 1,1-Dichloro-ethene (µg/l)(b) | 1,2,4-Trichloro-benzene (µg/l) | 1,2,4-Trimethyl-benzene (µg/l) | 1,3-Dichloro-benzene (µg/l) | Methyl tert-butyl ether (µg/l) | Naphthalene (µg/l) | Tetrachloro-ethene (µg/l) | Trichloro-ethene (µg/l) | m,p-Xylene (µg/l) | o-Xylene (µg/l) |
| MW-11 | 08/18/2009 | 0.0962 U ^(c) | 0.240 U | 0.481 U | 0.500 U | 2.00 U | 1.00 U | 0.500 U | 1.00 U | 2.00 U | 5.53 | 0.500 U | 1.00 U | 0.500 U |
| MW-11 DUP ^(d) | 08/18/2009 | 0.0980 U | 0.245 U | 0.490 U | 0.500 U | 2.00 U | 1.00 U | 0.500 U | 1.00 U | 2.00 U | 4.29 | 0.500 U | 1.00 U | 0.500 U |
| MW-12 | 08/17/2009 | 0.0980 U | 0.245 U | 0.490 U | 0.500 U | 2.00 U | 1.00 U | 0.500 U | 1.00 U | 2.00 U | 0.500 U | 0.500 U | 1.15 | 0.500 U |
| MW-14 | 08/18/2009 | 0.0990 U | 0.248 U | 0.495 U | 0.500 U | 2.00 U | 1.00 U | 0.500 U | 1.00 U | 2.00 U | 0.660 | 0.500 U | 1.00 U | 0.500 U |
| MW-15 | 08/18/2009 | 0.0962 U | 0.240 U | 0.481 U | 0.500 U | 2.00 U | 1.00 U | 0.500 U | 1.00 U | 2.00 U | 3.94 | 0.500 U | 1.00 U | 0.500 U |
| MW-17 | 08/18/2009 | 0.0952 U | 0.238 U | 0.476 U | 0.500 U | 2.00 U | 1.00 U | 0.500 U | 1.00 U | 2.00 U | 17.8 | 0.500 U | 1.00 U | 0.500 U |
| MW-18 | 08/18/2009 | 0.0980 U | 0.245 U | 0.490 U | 0.500 U | 2.00 U | 1.00 U | 0.500 U | 5.80 | 2.00 U | 38.1 | 0.790 | 1.01 | 0.500 U |
| MW-19 | 08/17/2009 | 0.0962 U | 0.240 U | 0.481 U | 0.500 U | 2.00 U | 1.00 U | 0.500 U | 1.00 U | 2.00 U | 3.62 | 0.500 U | 1.51 | 0.610 |
| MW-20 | 08/17/2009 | 0.0990 U | 0.248 U | 0.495 U | 0.500 U | 2.00 U | 2.48 Q-29 ^(e) | 0.500 U | 1.00 U | 4.86 | 0.500 U | 0.500 U | 2.94 | 1.21 |
| RW-03 | 08/18/2009 | 0.0962 U | 0.240 U | 0.481 U | 0.500 U | 2.00 U | 1.00 U | 0.500 U | 72.6 | 2.00 U | 3.10 | 0.500 U | 1.00 U | 0.500 U |
| RW-04 | 08/18/2009 | 0.0952 U | 0.238 U | 0.476 U | 0.500 | 3.44 | 1.00 U | 0.530 | 3.64 | 2.00 U | 7.48 | 26.8 | 1.00 U | 0.500 U |
| RMW-09 | 08/18/2009 | 0.243 U | 0.485 U | 0.485 U | 0.500 U | 2.00 U | 1.00 U | 0.500 U | 76.2 | 2.00 U | 0.500 U | 0.500 U | 1.00 U | 0.500 U |
| KJB-9-GW | 08/12/2009 | 0.102 U | 0.439 F-12 ^(f) | 0.510 U | 0.500 U | 2.00 U | 1.00 U | 0.500 U | 1.00 U | 2.00 U | 3.40 | 0.500 U | 1.00 U | 0.500 U |
| KJB-10-GW | 08/13/2009 | 0.100 U | 0.372 F-12 | 0.500 U | 0.500 U | 2.00 U | 1.00 U | 0.500 U | 1.00 U | 2.00 U | 3.28 | 0.500 U | 1.00 U | 0.500 U |
| MTCA Method A ^(g) | | 1.0 | 0.5 | 0.5 | NE ^(h) | NE | NE | NE | 20 | 160 | 5.0 | 5.0 | 1,000 ⁽ⁱ⁾ | 1,000 ⁽ⁱ⁾ |

- Notes:**
(a) mg/l = milligrams per liter.
(b) µg/l = micrograms per liter.
(c) U signifies that analyte was not detected above the method reporting limit (MRL). The value listed is the MRL.
(d) DUP = duplicate sample.
(e) Recovery for Lab Control Spike is above the upper control limit. Result may be biased high.
(f) The result for this hydrocarbon range is primarily due to the presence of individual analyte peaks in the quantitation range. No fuel pattern detected.
(g) Model Toxics Control Act Method A Cleanup Level for Groundwater (Ecology 2009).
(h) NE = not established.
(i) Value is for total xylenes.
Only detected analytes are listed. Detected concentrations are shown in bold font. Concentrations above MTCA Method A cleanup level are shaded.

Table 4: Summary of Groundwater Natural Attenuation Results

| Sample Identification | Sample Collection Date | Dissolved | Dissolved | Total Organic | Nitrate-Nitrogen mg/l | Sulfate mg/l | Methane mg/l |
|-----------------------|------------------------|--------------|-----------------------|----------------|---|--------------|--------------|
| | | Iron µg/l(a) | Manganese µg/l | Carbon mg/l(b) | | | |
| MW-11 | 08/18/2009 | 483 | 4.77 | 4.53 | 7.20 | 84.8 | 0.0012 U |
| MW-12 | 08/17/2009 | 600 | 1.00 U ^(c) | 8.53 | 33.4 A-02 ^(d) , H-01 ^(e) | 97.7 | 0.0012 U |
| MW-14 | 08/18/2009 | 699 | 29.6 | 7.03 | 77.1 | 104 | 0.0012 U |
| MW-15 | 08/18/2009 | 393 | 1.00 U | 2.01 | 25.3 A-02, H-01 | 67.4 | 0.0012 U |
| MW-17 | 08/18/2009 | 576 | 2.08 | 4.31 | 16.3 | 70.0 | 0.0012 U |
| MW-18 | 08/18/2009 | 561 | 704 | 4.33 | 20.9 A-02, H-01 | 63.3 | 0.0012 U |
| MW-19 | 08/17/2009 | 594 | 10.8 | 2.11 | 15.5 | 75.7 | 0.0012 U |
| MW-20 | 08/17/2009 | 777 | 36.0 | 7.55 | 14.8 A-02, H-01 | 92.3 | 0.0012 U |
| RW-03 | 08/18/2009 | 481 | 1,140 | 5.00 | 8.13 | 57.9 | 0.0012 U |
| RW-04 | 08/18/2009 | 389 | 27.7 | 4.55 | 13.4 | 63.3 | 0.0012 U |
| RMW-09 | 08/18/2009 | 1,170 | 3,210 | 11.2 | 48.2 | 200 | 0.0012 U |

Notes:

(a) µg/l = micrograms per liter.

(b) mg/l = milligrams per liter.

(c) U signifies that analyte was not detected above the method reporting limit (MRL). The value listed is the MRL.

(d) A-02 signifies that the original analysis was performed within hold time, however the result was above the calibration range.

(e) H-01 signifies that the sample was analyzed outside the EPA recommended holding time.

Only detected analytes are listed. Detected concentrations are shown in bold font.

Table 5: Groundwater Field Parameter Measurements

| Sample Location | Date Sampled | Field Parameters ^(a) | | | | |
|-----------------|--------------|----------------------------------|----------------|--------------------------------------|--|---|
| | | Temperature °C ^(c) | pH pH units | Conductivity mS/cm ^(d) | Dissolved Oxygen mg/l ^(e) | ORP ^(b) mV ^(f) |
| MW-11 | 08/18/2009 | 16.65 | 7.35 | 0.905 | 8.80 | 117 |
| MW-12 | 08/17/2009 | 16.10 | 7.18 | 0.947 | 7.61 | 170 |
| MW-14 | 08/18/2009 | 18.12 | 7.40 | 1.468 | 6.87 | 96 |
| MW-15 | 08/18/2009 | 17.18 | 7.44 | 0.801 | 6.89 | 197 |
| MW-17 | 08/18/2009 | 16.71 | 7.22 | 0.983 | 9.70 | 173 |
| MW-18 | 08/18/2009 | 16.84 | 7.19 | 1.011 | 2.74 | 189 |
| MW-19 | 08/17/2009 | 16.33 | 7.36 | 0.974 | 6.96 | 128 |
| MW-20 | 08/17/2009 | 16.75 | 7.01 | 1.169 | 6.90 | 34 |
| RW-03 | 08/18/2009 | 18.61 | 7.42 | 0.980 | 0.31 | 135 |
| RW-04 | 08/18/2009 | 18.50 | 7.45 | 0.849 | 1.34 | 97 |
| RMW-09 | 08/18/2009 | 18.70 | 7.05 | 2.290 | 0.96 | NM ^(g) |

Notes:

(a) Field parameters were measured using a YSI 556 Multiprobe.

(b) ORP = Oxidation-reduction potential.

(c) °C = Degrees Celsius.

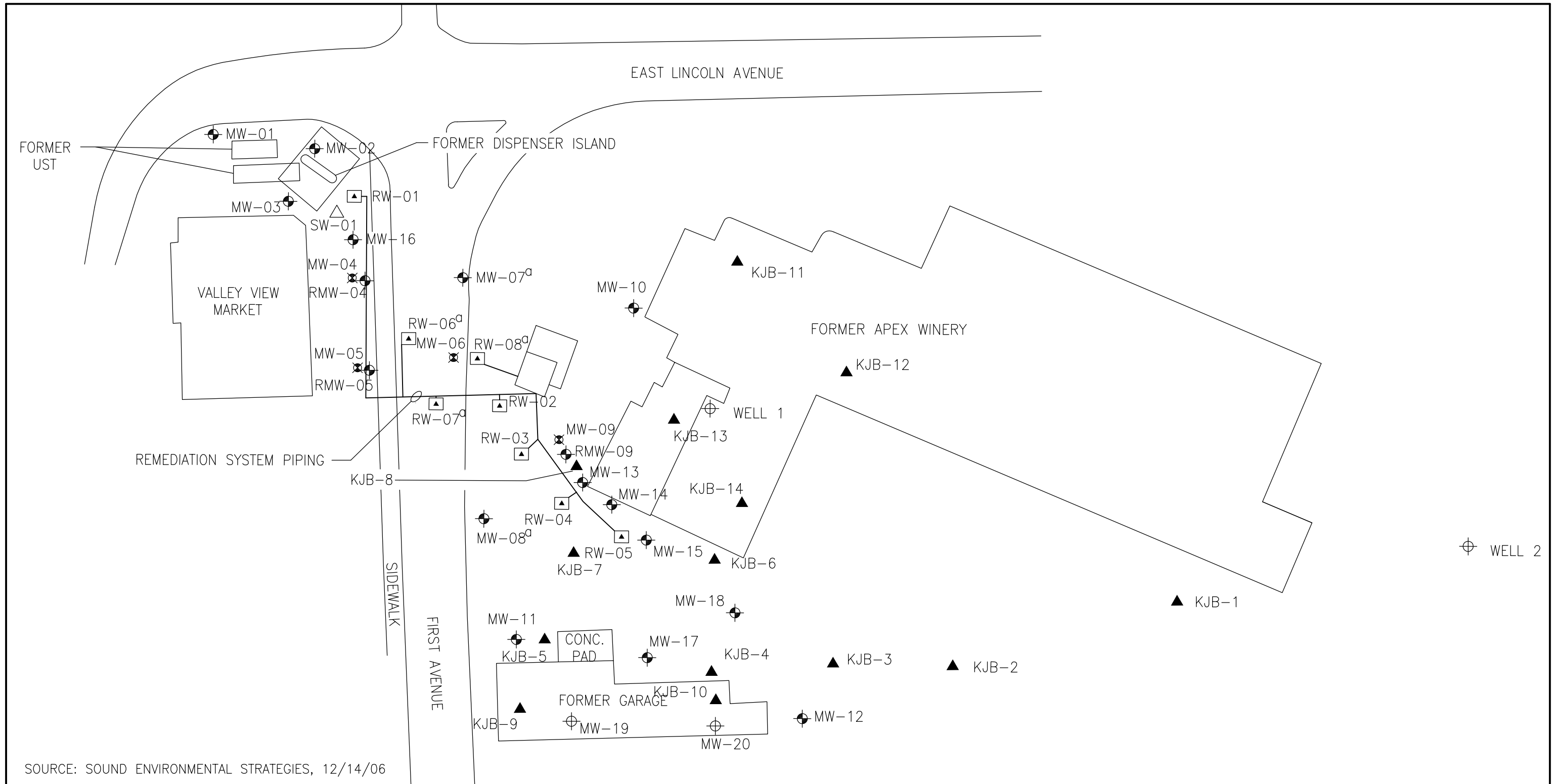
(d) mS/cm = millisiemens per centimeter.

(e) mV = millivolts.

(f) mg/l = milligrams per liter.

(g) NM = Not Measured.

Figures



SOURCE: SOUND ENVIRONMENTAL STRATEGIES, 12/14/06

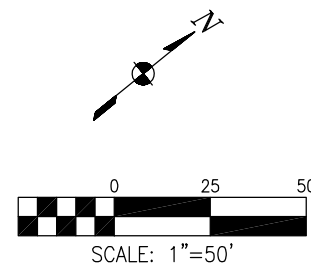
LEGEND

- SW-01 SPARGE WELL (ABANDONED)
- RW-01 RECOVERY WELL (GROUNDWATER AND VAPOR EXTRACTION)
- MW-14 MONITORING WELL
- MW-05 ABANDONED MONITORING WELL
- WELL 1 PRODUCTION WELL
- KJB-9 SOIL BORING

NOTES:

^a UNABLE TO LOCATE WELL IN AUGUST 2009. MAY BE COVERED BY CONSTRUCTION DEBRIS, NEW SIDEWALK, OR NEW PAVEMENT.

ALL LOCATIONS ARE APPROXIMATE.



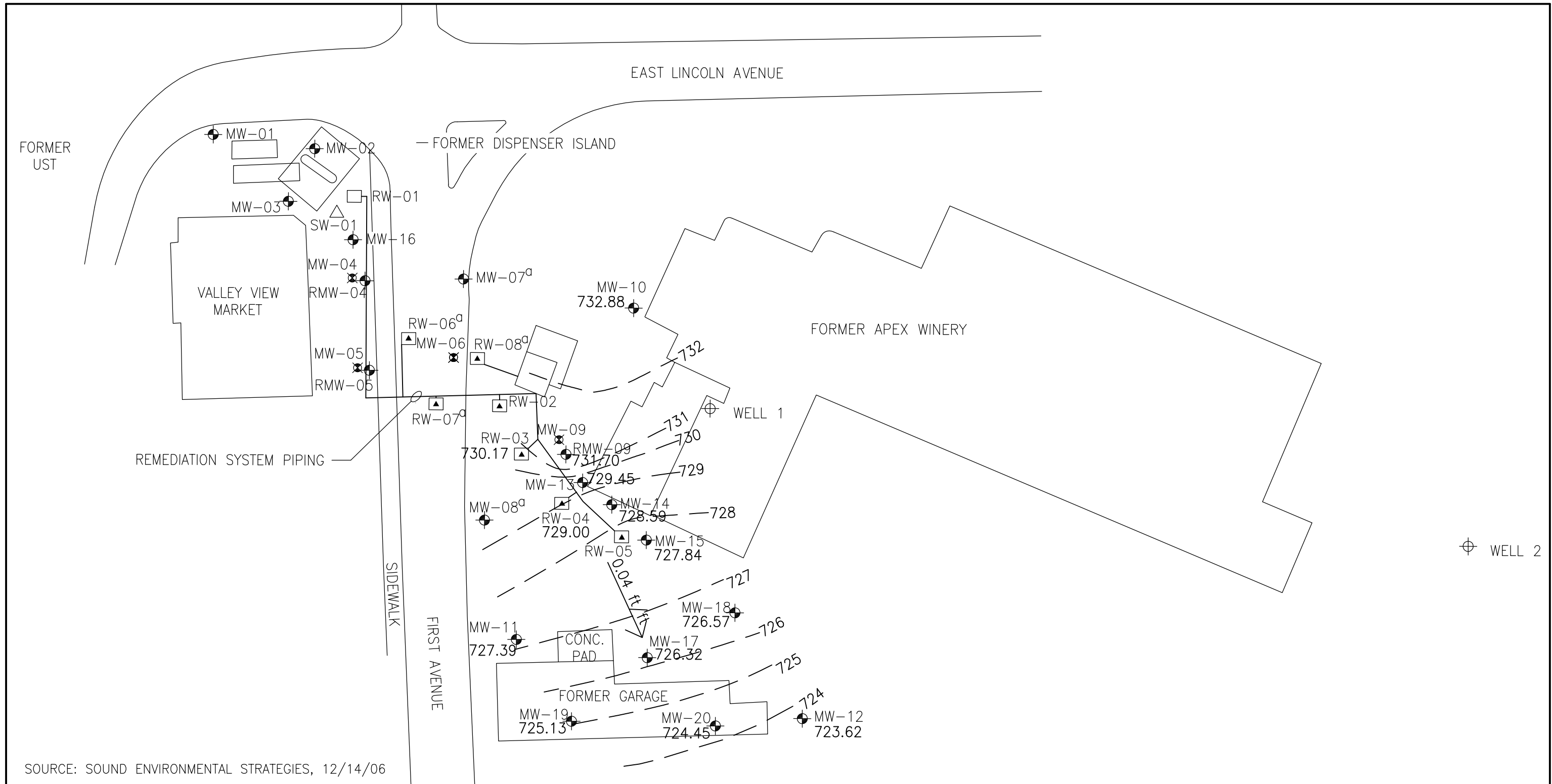
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FORMER APEX WINERY
SUNNYSIDE, WA

SITE MAP

KJ 0792027.40

FIGURE 1



SOURCE: SOUND ENVIRONMENTAL STRATEGIES, 12/14/06

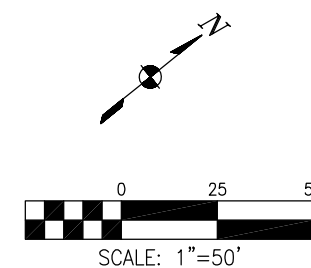
LEGEND

- | | | | |
|-------------------|--|---------------------------------|---|
| SW-01 \triangle | SPARGE WELL (ABANDONED) | MW-14 \bullet | MONITORING WELL WITH GROUNDWATER ELEVATION IN FEET ABOVE SURVEY DATUM |
| RW-01 \square | RECOVERY WELL (GROUNDWATER AND VAPOR EXTRACTION) | $\text{---} 730 \text{---}$ | APPROXIMATE GROUNDWATER ELEVATION CONTOUR, FEET ABOVE SURVEY DATUM |
| MW-05 \otimes | ABANDONED MONITORING WELL | $\text{---} 0.04 \text{ ft/ft}$ | GROUNDWATER FLOW DIRECTION AND GRADIENT IN FEET PER FOOT |
| WELL 1 \oplus | PRODUCTION WELL | | |

NOTES:

^a UNABLE TO LOCATE WELL IN AUGUST 2009. MAY BE COVERED BY CONSTRUCTION DEBRIS, NEW SIDEWALK, OR NEW PAVEMENT.

ALL LOCATIONS ARE APPROXIMATE.



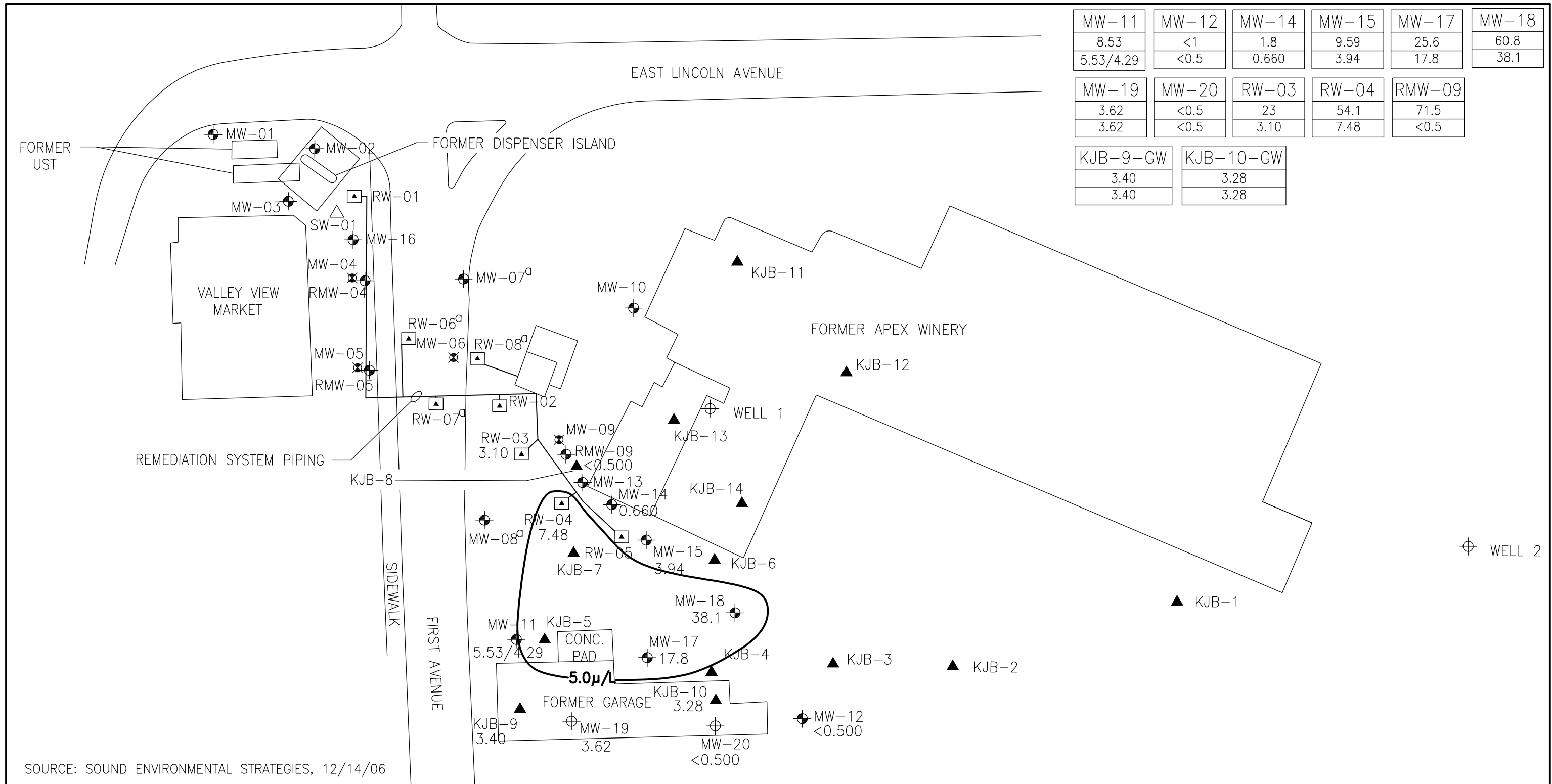
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FORMER APEX WINERY
SUNNYSIDE, WA

GROUNDWATER ELEVATION CONTOUR MAP,
AUGUST 2009

KJ 0792027.40

FIGURE 2



SOURCE: SOUND ENVIRONMENTAL STRATEGIES, 12/14/06

LEGEND

- SW-01 \triangle SPARGE WELL (ABANDONED)
- RW-01 \square RECOVERY WELL (GROUNDWATER AND VAPOR EXTRACTION)
- MW-14 \oplus MONITORING WELL
- MW-05 \otimes ABANDONED MONITORING WELL
- WELL 1 $\opl�$ PRODUCTION WELL
- KJB-4 \bullet SOIL BORING NUMBER (SEPTEMBER 2008)
- KJB-9 \blacktriangle SOIL BORING NUMBER (AUGUST 2009)

MW-14 \oplus MONITORING WELL WITH PCE CONCENTRATION IN GROUNDWATER, $\mu\text{g/L}$

$\text{5.0 } \mu\text{/L}$ PCE CONTOUR BASED ON AUGUST 2009 DATA (5 $\mu\text{g/L}$ = MTCA METHOD A CLEANUP LEVEL FOR GROUNDWATER)

| |
|-------|
| MW-14 |
| 1.8 |
| 0.660 |

- WELL IDENTIFICATION
- MAX DETECTED CONCENTRATION SINCE JULY 2005
- MOST RECENT CONCENTRATION

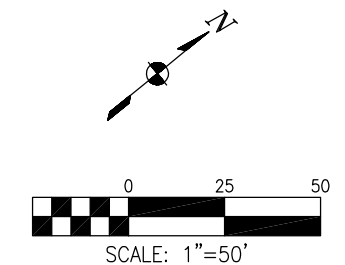
NOTES:

^a UNABLE TO LOCATE WELL IN AUGUST 2009. MAY BE COVERED BY CONSTRUCTION DEBRIS, NEW SIDEWALK, OR NEW PAVEMENT.

ALL LOCATIONS ARE APPROXIMATE.

PCE=TETRACHLOROETHENE

PCE NOT DETECTED IN SOIL SAMPLES

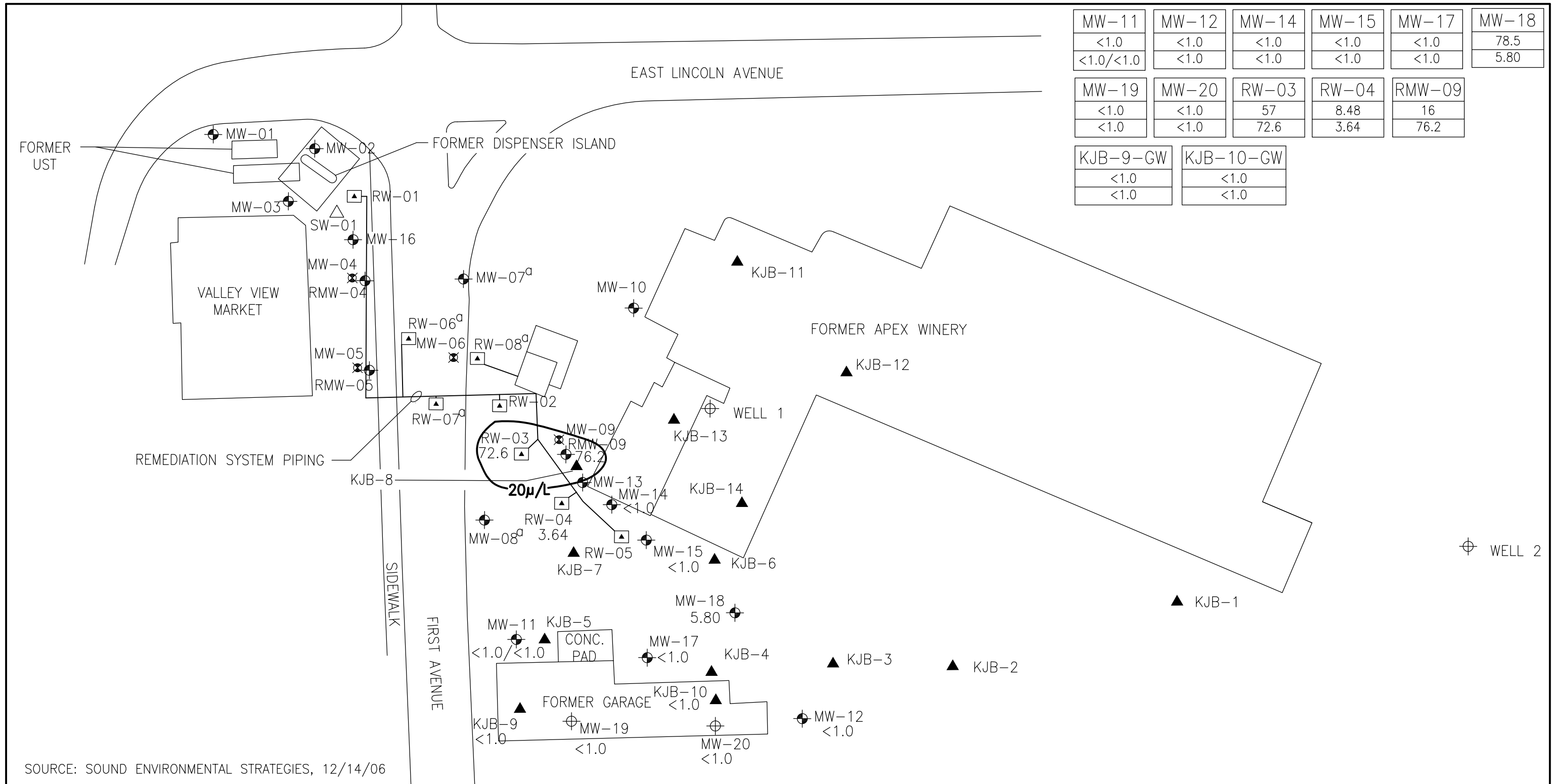


Kennedy/Jenks Consultants

FORMER APEX WINERY
SUNNYSIDE, WA

PCE CONCENTRATIONS IN GROUNDWATER
SAMPLES, AUGUST 2009

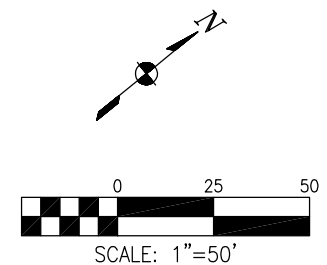
KJ 0792027.40
FIGURE 3



SOURCE: SOUND ENVIRONMENTAL STRATEGIES, 12/14/06

| LEGEND | | | | |
|--|--|------|------|--|
| SW-01 \triangle | SPARGE WELL (ABANDONED) | | | |
| RW-01 \square | RECOVERY WELL (GROUNDWATER AND VAPOR EXTRACTION) | | | |
| MW-14 \oplus | MONITORING WELL | | | |
| MW-05 \otimes | ABANDONED MONITORING WELL | | | |
| WELL 1 \oplus | PRODUCTION WELL | | | |
| KJB-4 \bullet | SOIL BORING NUMBER (SEPTEMBER 2008) | | | |
| KJB-9 \blacktriangle | SOIL BORING NUMBER (AUGUST 2009) | | | |
| MW-14 \oplus | MONITORING WELL WITH MTBE CONCENTRATION IN GROUNDWATER, $\mu\text{g/L}$ | | | |
| 0.660 | | | | |
| | 20 $\mu\text{g/L}$ MTBE CONTOUR BASED ON AUGUST 2009 DATA (20 $\mu\text{g/L}$ = MTCA METHOD A CLEANUP LEVEL FOR GROUNDWATER) | | | |
| <table border="1" data-bbox="864 1850 1000 1963"> <tr><td>MW-18</td></tr> <tr><td>78.5</td></tr> <tr><td>5.80</td></tr> </table> | MW-18 | 78.5 | 5.80 | WELL IDENTIFICATION MAX DETECTED CONCENTRATION SINCE JULY 2005 MOST RECENT CONCENTRATION |
| MW-18 | | | | |
| 78.5 | | | | |
| 5.80 | | | | |

NOTES:
 a UNABLE TO LOCATE WELL IN AUGUST 2009. MAY BE COVERED BY CONSTRUCTION DEBRIS, NEW SIDEWALK, OR NEW PAVEMENT.
 ALL LOCATIONS ARE APPROXIMATE.
 MTBE = METHYL TERT-BUTYL ETHER
 MTBE NOT DETECTED IN SOIL SAMPLES



Kennedy/Jenks Consultants
 FORMER APEX WINERY
 SUNNYSIDE, WA
 MTBE CONCENTRATIONS IN GROUNDWATER SAMPLES, AUGUST 2009
 KJ 0792027.40
 FIGURE 4

Attachment A

Boring Logs

Boring Log

Kennedy/Jenks Consultants

| | | | |
|--|--|---|--|
| BORING LOCATION Former Apex Winery | | Boring Name KJB-9 | |
| DRILLING COMPANY Cascade Drilling, Inc. | | DRILLER Mark Chalona | |
| DRILLING METHOD(S) Direct Push | | DRILL BIT(S) SIZE 2-inch | |
| ISOLATION CASING n/a | | Project Name Former Apex Winery | |
| BLANK CASING n/a | | Project Number 0792027.40 | |
| SLOTTED CASING n/a | | ELEVATION AND DATUM | |
| SIZE AND TYPE OF FILTER PACK n/a | | TOTAL DEPTH 30.0 ft. bgs | |
| SEAL 3/8" bent. chips, hydrated w/ concrete surface seal | | DATE STARTED 8/12/09 | |
| GROUT n/a | | DATE COMPLETED 8/12/09 | |
| | | STATIC WATER ELEVATION n/a | |
| | | LOGGED BY SM | |
| | | SAMPLING METHODS Microcore | |
| | | WELL COMPLETION <input type="checkbox"/> SURFACE HOUSING <input type="checkbox"/> STAND PIPE n/a FT. | |

| SAMPLES | | | Drill Depth (Feet) | BACKFILL DETAILS | USCS Log | Lithology | Color | SAMPLE DESCRIPTION and DRILLING REMARKS |
|------------|-----------------|--------------------------|--------------------|------------------|----------|-----------|-------|--|
| Type & No. | Recovery (Feet) | Penetr. Resist. Blows/6" | | | | | | |
| | 4/5 | | 0 | | Concrete | | | (Concrete) CONCRETE SAND BASE, TAN, DRY, MEDIUM TO COARSE. |
| | 5/5 | | 5 | | ML | | | (ML) 1' - 9.5' SILT, GRAY BROWN, DRY TO SLIGHTLY MOIST, STIFF, NO ODOR OR DISCOLORATION. |
| | 5/5 | | 10 | | GM | | | 9.5' - 11' VERY FINE SANDY SILT, GRAY BROWN, SLIGHTLY MOIST TO MOIST, 30% VERY FINE SAND IN SILT MATRIX, VERY STIFF. |
| | 5/5 | | 15 | | ML | | | (GM) SILTY GRAVEL, GRAY, DRY, SUB ROUNDED GRAVEL TO 1/2", 20% SILT, NO ODOR OR DISCOLORATION. |
| | 5/5 | | 20 | | SM | | | (ML) SILT, GRAY BROWN, SLIGHTLY MOIST TO MOIST, VERY STIFF, NO ODOR OR DISCOLORATION. |
| | 4.5/4.5 | | 25 | | SM | | | (SM) SILTY VERY FINE SAND, GRAY BROWN, SLIGHTLY MOIST, 60% VERY FINE SAND, 40% SILT, SLIGHTLY MICACEOUS. |
| | | | 26 | | ML | | | (ML) VERY FINE SANDY SILT, GRAY BROWN, MOIST, 30% VERY FINE SAND, VERY STIFF. |
| | | | 27 | | SM | | | (SM) SILTY VERY FINE SAND, BROWN, SATURATED. |
| | | | 28 | | ML | | | (ML) VERY FINE SANDY SILT, BROWN, VERY MOIST, 60% SILT, VERY STIFF. |
| | | | 29 | | SM | | | (SM) SILTY SAND, BROWN, MOIST, MEDIUM SAND IN 30% SILT. |
| | | | 30 | | | | | 24.5-30 NOT LOGGED |

BORING & WELL CONSTRUCTION APEX WINERY.GPJ KENNEDY-JENKS.GDT 9/25/09

Boring Log

Kennedy/Jenks Consultants

| | | |
|--|------------------------------------|---|
| BORING LOCATION Former Apex Winery | | Boring Name KJB-10 |
| DRILLING COMPANY Cascade Drilling, Inc. | DRILLER Mark Chalona | Project Name Former Apex Winery |
| DRILLING METHOD(S) Direct Push | DRILL BIT(S) SIZE 2-inch | Project Number 0792027.40 |
| ISOLATION CASING n/a | FROM n/a TO n/a FT. | ELEVATION AND DATUM TOTAL DEPTH 30.0 ft. bgs |
| BLANK CASING n/a | FROM n/a TO n/a FT. | DATE STARTED 8/13/09 |
| SLOTTED CASING n/a | FROM n/a TO n/a FT. | DATE COMPLETED 8/13/09 |
| SIZE AND TYPE OF FILTER PACK n/a | FROM n/a TO n/a FT. | STATIC WATER ELEVATION n/a |
| SEAL 3/8" bent. chips, hydrated w/ concrete surface seal | FROM 0.5 TO 30 FT. | LOGGED BY SM |
| GROUT n/a | FROM n/a TO n/a FT. | SAMPLING METHODS Microcore |
| | | WELL COMPLETION <input type="checkbox"/> SURFACE HOUSING <input type="checkbox"/> STAND PIPE n/a FT. |


| SAMPLES | | | Drill Depth (Feet) | BACKFILL DETAILS | USCS Log | Lithology | Color | SAMPLE DESCRIPTION and DRILLING REMARKS |
|------------|-----------------|--------------------------|--------------------|------------------|----------------|-----------|-------|--|
| Type & No. | Recovery (Feet) | Penetr. Resist. Blows/6" | | | | | | |
| | | | 0 | | Concrete | | | (Concrete) CONCRETE |
| | | | 5 | | ML | | | (ML) SILT, GRAY BROWN, DRY TO SLIGHTLY MOIST, STIFF WHERE SLIGHTLY MOIST. 1" STRINGERS OF SILTY-FINE SAND AT 8' AND 9', NO ODOR OR DISCOLORATION. |
| | | | 10 | | | | | |
| | | | 15 | | SP ML SP | | | (SP) SAND, BROWN, DRY TO SLIGHTLY MOIST, VERY FINE TO FINE SAND, LITTLE OR NO FINES. (ML) SILT, SAME AS 0.5' - 14' |
| | | | 20 | | ML SM | | | (SP) SAND, SAME AS 14' - 14.5', NO ODOR OR DISCOLORATION. (ML) VERY FINE SANDY SILT, BROWN, MOIST, 60% SILT, 40% SAND, NO ODOR OR DISCOLORATION. (SM) SILTY VERY FINE SAND, BROWN, MOIST TO VERY MOIST, 60% VERY FINE SAND, 40% SILT, SLIGHTLY MICACEOUS, NO ODOR OR DISCOLORATION. |
| | | | 25 | | | | | 20-30 NOT LOGGED |
| | | | 30 | | | | | |

BORING & WELL CONSTRUCTION APEX WINERY.GPJ KENNEDY-JENKS.GDT 9/25/09

Boring Log

Kennedy/Jenks Consultants

| | | |
|--|------------------------------------|---|
| BORING LOCATION Former Apex Winery | | Boring Name KJB-11 |
| DRILLING COMPANY Cascade Drilling, Inc. | DRILLER Mark Chalona | Project Name Former Apex Winery |
| DRILLING METHOD(S) Direct Push | DRILL BIT(S) SIZE 2-inch | Project Number 0792027.40 |
| ISOLATION CASING n/a | FROM n/a TO n/a FT. | ELEVATION AND DATUM 6.0 ft. bgs |
| BLANK CASING n/a | FROM n/a TO n/a FT. | DATE STARTED 8/12/09 |
| SLOTTED CASING n/a | FROM n/a TO n/a FT. | DATE COMPLETED 8/12/09 |
| SIZE AND TYPE OF FILTER PACK n/a | FROM n/a TO n/a FT. | STATIC WATER ELEVATION n/a |
| SEAL 3/8" bent. chips, hydrated w/ concrete surface seal | FROM 0.5 TO 6 FT. | LOGGED BY SM |
| GROUT n/a | FROM n/a TO n/a FT. | SAMPLING METHODS Microcore |
| | | WELL COMPLETION <input type="checkbox"/> SURFACE HOUSING <input type="checkbox"/> STAND PIPE n/a FT. |



| SAMPLES | | | BACKFILL DETAILS | | | USCS Log | Lithology | Color | SAMPLE DESCRIPTION and DRILLING REMARKS |
|------------|-----------------|--------------------------|--------------------|---|----------|----------|-----------|--|---|
| Type & No. | Recovery (Feet) | Penetr. Resist. Blows/6" | Drill Depth (Feet) | | | | | | |
| | | | 5 |  | Concrete | | | <p>(Concrete) CONCRETE</p> <p>(ML) SILT, GRAY BROWN, DRY TO SLIGHTLY MOIST, MODERATE STIFF WHERE SLIGHTLY MOIST, NO ODOR OR DISCOLORATION.</p> | |

BORING & WELL CONSTRUCTION APEX_WINERY.GPJ KENNEDY_JENKS.GDT 9/25/09

Boring Log

Kennedy/Jenks Consultants

| | | | |
|--|--|---|--|
| BORING LOCATION Former Apex Winery | | Boring Name KJB-12 | |
| DRILLING COMPANY Cascade Drilling, Inc. | | DRILLER Mark Chalona | |
| DRILLING METHOD(S) Direct Push | | DRILL BIT(S) SIZE 2-inch | |
| ISOLATION CASING n/a | | FROM n/a TO n/a FT. | |
| BLANK CASING n/a | | FROM n/a TO n/a FT. | |
| SLOTTED CASING n/a | | FROM n/a TO n/a FT. | |
| SIZE AND TYPE OF FILTER PACK n/a | | FROM n/a TO n/a FT. | |
| SEAL 3/8" bent. chips, hydrated w/ concrete surface seal | | FROM 0.5 TO 3 FT. | |
| GROUT n/a | | FROM n/a TO n/a FT. | |
| ELEVATION AND DATUM | | TOTAL DEPTH 3.0 ft. bgs | |
| DATE STARTED 8/12/09 | | DATE COMPLETED 8/12/09 | |
| STATIC WATER ELEVATION n/a | | LOGGED BY SM | |
| SAMPLING METHODS Macrocore | | WELL COMPLETION <input type="checkbox"/> SURFACE HOUSING <input type="checkbox"/> STAND PIPE n/a FT. | |


| SAMPLES | | | | BACKFILL DETAILS | | | USCS Log | Lithology | Color | SAMPLE DESCRIPTION and DRILLING REMARKS |
|------------|-----------------|--------------------------|--------------------|------------------|---|----------|---|-----------|---|---|
| Type & No. | Recovery (Feet) | Penetr. Resist. Blows/6" | Drill Depth (Feet) | | | | | | | |
| | | | | |  | Concrete |  | | <p>(Concrete) CONCRETE</p> <p>(ML) SILT, GRAY BROWN, DRY, MODERATE STIFF, NO ODOR OR DISCOLORATION.</p> | |

BORING & WELL CONSTRUCTION APEX_WINERY.GPJ KENNEDY_JENKS.GDT 9/25/09

Boring Log

Kennedy/Jenks Consultants

| | | | |
|--|--|---|--|
| BORING LOCATION Former Apex Winery | | Boring Name KJB-13 | |
| DRILLING COMPANY Cascade Drilling, Inc. | | DRILLER Mark Chalona | |
| DRILLING METHOD(S) Direct Push | | DRILL BIT(S) SIZE 2-inch | |
| ISOLATION CASING n/a | | FROM n/a TO n/a FT. | |
| BLANK CASING n/a | | FROM n/a TO n/a FT. | |
| SLOTTED CASING n/a | | FROM n/a TO n/a FT. | |
| SIZE AND TYPE OF FILTER PACK n/a | | FROM n/a TO n/a FT. | |
| SEAL 3/8" bent. chips, hydrated w/ concrete surface seal | | FROM 0.5 TO 5 FT. | |
| GROUT n/a | | FROM n/a TO n/a FT. | |
| ELEVATION AND DATUM | | TOTAL DEPTH 5.0 ft. bgs | |
| DATE STARTED 8/12/09 | | DATE COMPLETED 8/12/09 | |
| STATIC WATER ELEVATION n/a | | LOGGED BY SM | |
| SAMPLING METHODS Microcore | | WELL COMPLETION <input type="checkbox"/> SURFACE HOUSING <input type="checkbox"/> STAND PIPE n/a FT. | |



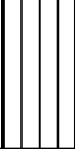
| SAMPLES | | | | BACKFILL DETAILS | | | USCS Log | Lithology | Color | SAMPLE DESCRIPTION and DRILLING REMARKS |
|------------|-----------------|--------------------------|--------------------|---|----------|--|----------|-----------|---|---|
| Type & No. | Recovery (Feet) | Penetr. Resist. Blows/6" | Drill Depth (Feet) | | | | | | | |
| | | | 5 |  | Concrete | | | | <p>(Concrete) CONCRETE</p> <p>SAND/GRAVEL BASE, GRAY, DRY, NO ODOR OR DISCOLORATION.</p> <p>(ML) SILT, GRAY BROWN, DRY, NO ODOR OR DISCOLORATION.</p> | |

BORING & WELL CONSTRUCTION APEX_WINERY.GPJ KENNEDY_JENKS.GDT 9/25/09

Boring Log

Kennedy/Jenks Consultants

| | | | |
|--|--|---|--|
| BORING LOCATION Former Apex Winery | | Boring Name KJB-14 | |
| DRILLING COMPANY Cascade Drilling, Inc. | | DRILLER Mark Chalona | |
| DRILLING METHOD(S) Direct Push | | DRILL BIT(S) SIZE 2-inch | |
| ISOLATION CASING n/a | | FROM n/a TO n/a FT. | |
| BLANK CASING n/a | | FROM n/a TO n/a FT. | |
| SLOTTED CASING n/a | | FROM n/a TO n/a FT. | |
| SIZE AND TYPE OF FILTER PACK n/a | | FROM n/a TO n/a FT. | |
| SEAL 3/8" bent. chips, hydrated w/ concrete surface seal | | FROM 1 TO 5 FT. | |
| GROUT n/a | | FROM n/a TO n/a FT. | |
| ELEVATION AND DATUM | | TOTAL DEPTH 5.0 ft. bgs | |
| DATE STARTED 8/12/09 | | DATE COMPLETED 8/12/09 | |
| STATIC WATER ELEVATION n/a | | LOGGED BY SM | |
| SAMPLING METHODS Microcore | | WELL COMPLETION <input type="checkbox"/> SURFACE HOUSING <input type="checkbox"/> STAND PIPE n/a FT. | |

| SAMPLES | | | | BACKFILL DETAILS | | | USCS Log | Lithology | Color | SAMPLE DESCRIPTION and DRILLING REMARKS |
|------------|-----------------|--------------------------|--------------------|---|----------|---|----------|-----------|--|---|
| Type & No. | Recovery (Feet) | Penetr. Resist. Blows/6" | Drill Depth (Feet) | | | | | | | |
| | | | 5 |  | Concrete |  | | | (Concrete) CONCRETE | |
| | | | | | ML |  | | | (ML) SILT, GRAY BROWN, DRY, NO ODOR OR DISCOLORATION. | |

BORING & WELL CONSTRUCTION APEX_WINERY.GPJ KENNEDY_JENKS.GDT 9/25/09

Boring & Well Construction Log

Kennedy/Jenks Consultants

| | | | |
|---|--|--|--|
| BORING LOCATION Former Apex Winery | | Well Name MW-19 | |
| DRILLING COMPANY Cascade Drilling, Inc. | | DRILLER Mark Chalona | |
| DRILLING METHOD(S) DP and Hollow Stem Auger | | Project Name Former Apex Winery | |
| ISOLATION CASING n/a | | Project Number 0792027.40 | |
| BLANK CASING 2-Inch Sch 40 PVC | | ELEVATION AND DATUM 30.0 ft. bgs | |
| SLOTTED CASING 2-inch Sch 40 PVC with 0.010 slots | | DATE STARTED 8/11/09 | |
| SIZE AND TYPE OF FILTER PACK 10-20 Sand | | DATE COMPLETED 8/11/09 | |
| SEAL 3/8" bent. chips, hydrated | | STATIC WATER ELEVATION n/a | |
| GROUT Concrete | | LOGGED BY SM | |
| | | SAMPLING METHODS Microcore | |
| | | WELL COMPLETION <input checked="" type="checkbox"/> SURFACE HOUSING <input type="checkbox"/> STAND PIPE n/a FT. | |

| SAMPLES | | | Drill Depth (Feet) | WELL CONSTRUCTION Water tight well enclosure | USCS Log | Lithology | Color | SAMPLE DESCRIPTION and DRILLING REMARKS |
|------------|-----------------|--------------------------|--------------------|---|----------------------|-----------|-------|--|
| Type & No. | Recovery (Feet) | Penetr. Resist. Blows/6" | | | | | | |
| | 4/5 | | 0 | Concrete | Concrete | | | (Concrete) CONCRETE |
| | 5/5 | | 5 | | ML | | | (ML) SILT, GRAY BROWN, DRY TO SLIGHTLY MOIST, STIFF WHERE SLIGHTLY MOIST, MINOR VERY FINE SAND. NO ODOR OR DISCOLORATION. |
| | 5/5 | | 10 | | SP ML | | | (SP) VERY FINE SAND, GRAY BROWN, SLIGHTLY MOIST. |
| | 5/5 | | 15 | | SM ML | | | (ML) SILT, SAME AS 6' - 11', SLIGHTLY MOIST, VERY STIFF, NO ODOR OR DISCOLORATION. |
| | 5/5 | | 20 | | ML SM ML SM | | | (SM) SILTY VERY FINE SAND, SLIGHTLY MOIST, 60% SAND 40% SILT. (ML) SILT, SAME AS 6' - 11', MOIST TO VERY MOIST. (ML) VERY FINE SANDY SILT, GRAY BROWN, SLIGHTLY MOIST, VERY STIFF, 60% SILT, 40% SAND. (SM) SILTY VERY FINE SAND, SAME AS 13' - 13.5' |
| | | | 25 | | | | | (ML) VERY FINE SANDY SILT, SAME AS 14' - 16'. VERY MOIST, STIFF. |
| | | | 30 | | | | | (SM) SILTY VERY FINE SAND, SAME AS 16' - 16.5', SLIGHTLY MOIST, NO ODOR OR DISCOLORATION. 20-30 NOT LOGGED. |

BORING & WELL CONSTRUCTION APEX WINERY.GPJ KENNEDY-JENKS.GDT 9/25/09

Boring & Well Construction Log

Kennedy/Jenks Consultants

| | | | |
|---|--|--|--|
| BORING LOCATION Former Apex Winery | | Well Name MW-20 | |
| DRILLING COMPANY Cascade Drilling, Inc. | | DRILLER Mark Chalona | |
| DRILLING METHOD(S) DP and Hollow Stem Auger | | DRILL BIT(S) SIZE 8-inch | |
| ISOLATION CASING n/a | | Project Name Former Apex Winery | |
| BLANK CASING 2-Inch Sch 40 PVC | | Project Number 0792027.40 | |
| SLOTTED CASING 2-inch Sch 40 PVC with 0.010 slots | | ELEVATION AND DATUM | |
| SIZE AND TYPE OF FILTER PACK 10-20 Sand | | TOTAL DEPTH 30.0 ft. bgs | |
| SEAL 3/8" bent. chips, hydrated | | DATE STARTED 8/13/09 | |
| GROUT Concrete | | DATE COMPLETED 8/13/09 | |
| | | STATIC WATER ELEVATION n/a | |
| | | LOGGED BY SM | |
| | | SAMPLING METHODS Microcore | |
| | | WELL COMPLETION <input checked="" type="checkbox"/> SURFACE HOUSING <input type="checkbox"/> STAND PIPE n/a FT. | |

| SAMPLES | | | Drill Depth (Feet) | WELL CONSTRUCTION Water tight well enclosure | USCS Log | Lithology | Color | SAMPLE DESCRIPTION and DRILLING REMARKS |
|------------|-----------------|--------------------------|--------------------|---|----------|-----------|-------|---|
| Type & No. | Recovery (Feet) | Penetr. Resist. Blows/6" | | | | | | |
| | | | 0 | Concrete | | | | (Concrete) CONCRETE |
| | | | 0.3 | Sand/Gravel | | | | (Sand/Gravel) SAND/GRAVEL BASE |
| | | | 12 | | ML | | | (ML) SILT, GRAY BROWN, DRY TO SLIGHTLY MOIST, MINOR VERY FINE SAND AT 6' - 6.2' AND 8' - 8.4', NO ODOR OR DISCOLORATION. |
| | | | 12.5 | | SM | | | (SM) SILTY VERY FINE SAND, GRAY BROWN, SLIGHTLY MOIST, 60% SAND, NO ODOR OR DISCOLORATION. |
| | | | 14.5 | | ML | | | (ML) SILT, SAME AS 0.5' - 11'. MOIST. |
| | | | 15 | | SM | | | (SM) SILTY VERY FINE SAND, SAME AS 11' - 11.5'. |
| | | | 16 | | ML | | | (ML) SILT, SAME AS 11.5' - 12.5'. |
| | | | 18.8 | | SP | | | (SP) SAND, BROWN, SLIGHTLY MOIST, FINE TO MEDIUM SAND WITH MINOR SILT, NO ODOR OR DISCOLORATION. |
| | | | 20 | | ML | | | (ML) SANDY SILT, BROWN, MOIST, 60% SILT 40% VERY FINE SAND. |
| | | | 20.3 | | SM | | | (SM) SILTY VERY FINE SAND, SAME AS 12.5' - 14.5', BECOMES VERY MOIST AT 18.8', NO ODOR OR DISCOLORATION. |
| | | | 20-30 | | | | | 20-30 NOT LOGGED. |

BORING & WELL CONSTRUCTION APEX WINERY.GPJ KENNEDY-JENKS.GDT 9/25/09