



September 17, 2012

Ostrom's Farms
8323 Steilacoom Road SE
Lacey, Washington 98512
Attention: David Knudsen

Report
Supplemental Environmental Services
Ostrom's Mushroom Facility
Lacey, Washington
Insight Geologic Project No. 335-001-04

INTRODUCTION

Insight Geologic, Inc. is pleased to provide our report of environmental services for the Ostrom's Farms mushroom growing and composting facility located at 8323 Steilacoom Road SE in Lacey, Washington. The property comprises approximately 34 acres northeast of the intersection between Marvin Road and Steilacoom Road in Lacey. The property is shown relative to surrounding physical features on the Vicinity Map, Figure 1.

Insight Geologic conducted a subsurface investigation of the property in 2007. The results of our investigation indicated the presence of petroleum hydrocarbons in soil adjacent to a stormwater pond located in the northwest portion of the facility. The petroleum hydrocarbons were detected in boring B-11 at concentrations exceeding the Washington State Department of Ecology (Ecology) Model Toxics Control Act (MTCA) Method A cleanup level of 2,000 milligrams per kilogram (mg/kg) and were assumed to be related to stormwater infiltration in this area.

Pond improvement work was conducted during the summer of 2012. The work consisted of expanding and lining the pond to serve as additional containment for wastewater from the facility. Soil remediation in this area occurred during improvement activities.

SCOPE OF SERVICES

The purpose of our services was to evaluate and remove petroleum hydrocarbons-affected soil in the area of the stormwater pond during expansion. Our specific scope of services included the following tasks:

1. Prepared a Health and Safety Plan in accordance with 40CFR 1920.1 that outlines the possible health effects of exposure to the compounds and details appropriate personal protective equipment (PPE) to be worn while on the site.

2. Excavated soil in the area of the 2007 investigation to determine the extent of petroleum hydrocarbon-containing soil and remove the affected soil for disposal. Insight Geologic subcontracted a remediation contractor to remove petroleum contaminated soil using appropriate heavy equipment. Petroleum-containing soil was stockpiled on plastic and covered, pending transport and disposal to a proper facility.
3. Coordinated acceptance of the soil into the disposal facility and arranged for transportation of the soil to the facility under a general bill of lading.
4. Collected representative soil samples from the remediated areas for laboratory analysis and confirmed that residual hydrocarbon concentrations were less than the 2,000 mg/kg cleanup level.
5. Provided for the analysis of the confirmatory soil samples for the presence of diesel- and heavy oil-range hydrocarbons using Ecology Method NWTPH-Dx.
6. Prepared a report describing our activities on the site and the result of our soil sample analyses.

METHODOLOGY

General

Insight Geologic Inc. mobilized to the site on June 28, 2012 to begin excavation work. Gary's Bulldozing LLC was contracted to conduct the soil excavation as well as transporting the soil to the Weyerhaeuser Regional Landfill in Castle Rock, Washington for disposal. The soil was excavated and stockpiled using a track-mounted excavator.

FINDINGS

Soil

The soils exposed during excavation activities appeared to be fill containing a large percentage of trash including oil filters, tires, bits of metal, glass and brick. The petroleum hydrocarbons detected in soil in this area during the 2007 investigation appear to be related to this fill soil. The fill material was excavated to depths of between 6 and 9 feet below ground surface (bgs) and stockpiled on plastic and covered, pending transport to the Weyerhaeuser Regional Landfill in Castle Rock, Washington.

Confirmatory soil samples were collected from the base of the excavation to demonstrate that soil cleanup levels for diesel and heavy oil-range hydrocarbons had been achieved. Soil samples were collected into laboratory supplied glass jars using a stainless steel scoop from the excavation surface. The soil was packed tightly into the sample jar, then sealed, labeled and placed into an ice chest containing frozen Blue Ice for transport to the analytical laboratory. Chain of custody forms were completed in the field and accompanied the samples to the laboratory. The general sample locations are shown in Figure 2.

Laboratory Results

Soil samples were submitted to Libby Environmental, Inc in Olympia, Washington for analysis of diesel- and heavy oil-range hydrocarbons using Ecology method NWTPH-Dx. The laboratory

reported that diesel- and heavy oil-range hydrocarbons were not detected in any of the confirmatory soil samples. A copy of the laboratory report is contained in Attachment A.

CONCLUSIONS

Insight Geologic has conducted our environmental services for the Ostrom's Farms mushroom growing and composting facility located in Lacey, Washington in general accordance with our proposal dated June 20, 2012 and authorized by Ostrom's Farms. The purpose of our services was to evaluate and remove oil contaminated soil that was previously discovered in an area adjacent to the stormwater pond. The excavated soils appeared to be fill containing a large percentage of trash and debris. The previously detected hydrocarbons appear to have been related to this fill soil. The soil was removed, stockpiled and subsequently transported to the Weyerhaeuser Regional Landfill in Castle Rock, Washington for disposal. Confirmatory soil samples collected from the base and sidewalls of the excavation did not contain detectable concentrations of petroleum hydrocarbons.

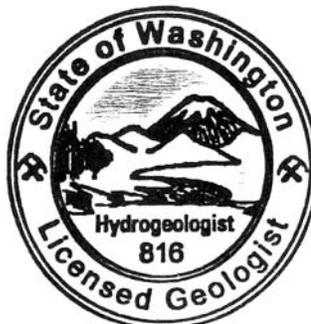


We appreciate the opportunity to be of continued service to Ostrom's Farms on this project. Please contact us if you have questions regarding the information presented above, or if we may provide additional assistance.

Respectfully Submitted,
INSIGHT GEOLOGIC, INC.

A handwritten signature in blue ink, appearing to read "W. E. Halbert".

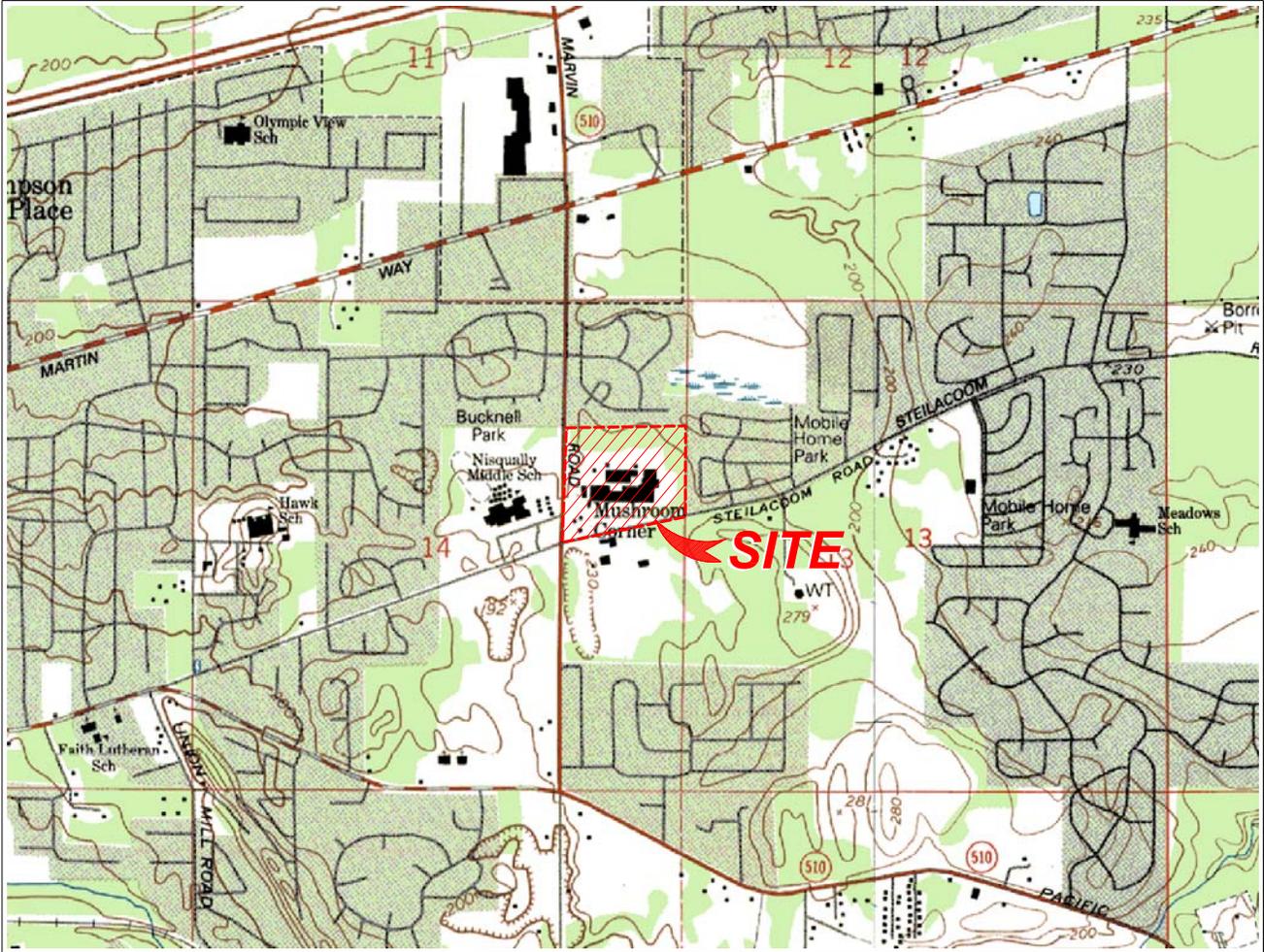
William E. Halbert, L.G., L.HG.
Principal Hydrogeologist



William E. Halbert

Attachments

FIGURES



Source: Maptech, Inc. (c) 1997

LACEY, WASHINGTON
 7.5 MINUTE QUADRANGLE
 Year Created 1959, Revised 1994


 SCALE: 1: 24000

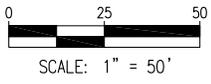
OSTROM'S FARMS
 LACEY, WASHINGTON



Figure 1
 Vicinity Map



Source: Thurston GeoData Center (c) Image 2009



LEGEND:

- B-11 ●** APPROXIMATE BORING LOCATION
- TP-1 ●** APPROXIMATE TEST PIT LOCATION
- - - -** APPROXIMATE PROJECT BOUNDARY

OSTROM'S FARMS
LACEY, WASHINGTON



Figure 2
Site Plan

APPENDIX A
LABORATORY ANALYTICAL REPORT

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

OSTROMS FARM PROJECT
Insight Geologic
Lacey, Washington
Libby Project # L120628-2

Hydrocarbon Identification by NWTPH-HCID for Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (mg/kg)	Diesel (mg/kg)	Mineral Oil (mg/kg)	Oil (mg/kg)
Method Blank	6/29/12	118	nd	nd	nd	nd
TP-1 9'	6/29/12	84	nd	nd	nd	nd
TP-2 8'	6/29/12	91	nd	nd	nd	nd
TP-3 8'	6/29/12	115	nd	nd	nd	nd
TP-4 8'	6/29/12	113	nd	nd	nd	nd
TP-4 8' Dup	6/29/12	118	nd	nd	nd	nd
Storm Pond 6"	6/29/12	116	nd	nd	nd	D
Practical Quantitation Limit			20	50	100	100

"nd" Indicates not detected at listed detection limits.

"D" Indicates detected above the listed detection limit.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Kyle Williams

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

OSTROMS FARM PROJECT
Insight Geologic
Lacey, Washington
Libby Project # L120628-2

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Mineral Oil (mg/kg)	Oil (mg/kg)
Method Blank	6/29/12	118	nd	nd	nd
Storm Pond 6"	6/29/12	116	33	nd	1150
Practical Quantitation Limit			25	40	40

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Kyle Williams