LIMITED PHASE II
Targeted Subsurface Investigation

Performed at:
DUNKIN DIESEL SERVICE, INC.
3219 Bickford Avenue
Snohomish, Washington 98290

Voluntary Cleanup Program Site NW 2635

July 6, 2013

Performed by:
Aerotech Environmental Consulting, Inc.
19600 International Blvd., Suite 101
SeaTac, Washington 98188
Fax (206) 429-3594
(360) 710-5899
www.AerotechEnvironmental.com

LIMITED PHASE II
TARGETED SUBSURFACE INVESTIGATION

performed for:

DUNKIN DIESEL
3219 Bickford Avenue
Snohomish, Washington 98290

VCP Site No. NW 2635

Client:	DUNKIN DIESEL SERVICE, INC. 3219 Bickford Avenue Snohomish, Washington 98290
Point of Contact:	Mr. Chuck Dunkin Owner of Dunkin Diesel Service Inc. (425) 238-4875
Property:	DUNKIN DIESEL SERVICE INC. 3219 Bickford Avenue Snohomish, Washington 98290
County:	Snohomish County, Washington Parcel Number: 28050100201000
S.I.C. Code:	Not provided
Commercial Activity:	Diesel Repair Shop
Environmental Professionals:	Alan T. Blotch Michael McGowan: State of Washington Licensed: Geologist, Engineering Geologist, and Hydrogeologist
Project Number:	No. 213 - 6265
Report Date:	July 6, 2013
Point of Contact:	Mr. Chuck Dunkin

EXECUTIVE SUMMARY

Site Background:

The subject Property entered the Voluntary Cleanup Program ("VCP") in October of 2012, and was assigned VCP Site Number NW2635. The initial Department of Ecology Opinion Letter dated April 5, 2013 (copy enclosed) identified three Areas of Concern that required additional testing:

Northeastern Corner "S1" Location. This area is located along the eastern Site boundary in the northeastern corner of the Parcel, the location of the S1 soil sample collected on August 17, 1994.

Former Soil Remediation Action: Southeast of Shop. This area is located along the eastern Property boundary southeast of the Shop Building. In 1998, the Snohomish County Health Department identified "less than one cubic yard" of Lube Oil impacted soils (1,710 mg/kg) and instructed the Property Owner (Charles Dunkin) to shovel up the soil and dispose of same in their garbage dumpster - which Mr. Dunkin performed as instructed.

Former Underground Waste Oil Tank Location. In early 1991, a waste oil tank located adjoining the north side of the Shop Building was removed. Confirmatory soil sampling was not conducted at that time. In 1997, the Snohomish County Health District conducted two soil borings to ten feet below ground surface: gasoline and oils were not encountered in either of the samples.

Scope of Work:

Northeastern Corner "S1" Location. The Scope of Work was to perform five excavations to a maximum depth of three feet below ground surface; screen all soil samples using PID, and select one representative sample for laboratory analysis of heavy hydrocarbons and cadmium.

Former Soil Remediation Action: Southeast of Shop. The Scope of Work was to perform four excavations to a maximum depth of three feet below ground surface; screen all soil samples using PID, and select one representative sample for laboratory analysis of heavy hydrocarbons and cadmium.

Former Underground Waste Oil Tank Location. The Scope of Work was to perform an excavation to the depth of water or sixteen feet below grade - which came first - and sample the excavation walls and floor. Screen all soil samples using PID, and select multiple representative samples for laboratory analysis of waste oil, MTCA metals, and VOCs. In the event that water was encountered in the excavation, a grab water sample would be analyzed

Laboratory Analytical Results:

Soil samples were collected and screened as delineated in the Scope of Work. All soil samples were below the most stringent MTCA Method A Residential Cleanup Levels.

A **water sample** was collected from the bottom of the former underground waste oil tank location at approximately ten feet below ground surface. All sample results were below the most stringent MTCA Method A Cleanup Levels.

Based upon the reported laboratory results, the Property should be granted an unconditional No Further Action Determination under the auspices of the Department of Ecology Voluntary Cleanup Program.

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INTRODUCTION

The subject Property is a triangular-shaped approximately 0.60-acre Parcel of commercial land located on the east side of Bickford Avenue in the City of Snohomish, Washington. The Site is occupied by an interconnected structure of approximately 5,176 square feet that houses the truck repair shop, *Dunkin Diesel Service*.

The subject Property was originally developed in 1966 with the construction of a 2,856 square foot, diesel shop building for the present business, *Dunkin Diesel Service*. The building was expanded into the present 5,176 square foot facility in 1983.

The Property originally used the address of 5212 Highway 2. When the County changed the road name to Bickford Avenue, the Property address was changed to 5303 Bickford Avenue. In 2003, the Property was annexed into the City of Snohomish and changed addresses from 5303 Bickford Avenue to 3219 Bickford Avenue.

It is important to note that the subject Property has been identified as located at four different addresses:

- 100 - 81st Avenue Southeast, Snohomish, Washington; this was the former mailing address of Dunkin Diesel Service, Inc.; and not the subject Property.

- 5212 Highway 2, Snohomish, Washington; this was the original street address of the subject Property until the name of Highway 2 was changed to Bickford Avenue.

- 5303 Bickford Avenue, Snohomish, Washington; this was the original street address of the subject Property until Bickford Avenue was renumber in 2003.

- 3219 Bickford Avenue, Snohomish, Washington; this is the address of the Site since the 2003 when Bickford Avenue was renumbered.

SECTION I.
SITE DESCRIPTION

- **Initial Complaint - 1989:**

On December of 1989, a complaint was made by the City of Everett Public Works Department to the Department of Ecology regarding the waste handling operations of *Dunkin Diesel Service*. Dunkin Diesel was alleged to be allowing the discharge of oil onto the parking lot.

The Department of Ecology conducted a Site Visit on January 24, 1991. At that time they observed (1) heavy oil contamination around the filler neck of a waste oil tank and moderate (2) contamination at the outlet at the oil-water separator located adjoining a ditch on the east side of the Property. Subsequently, on February 28, 1991, Department of Ecology sent a letter to *Dunkin Diesel Service* which stated the Site was going to be listed on the Confirmed or Suspected Contaminated Sites Listing. Following the receipt of these letters, Dunkin Diesel removed the waste oil storage tank.

Note: at this time, the subject Property was assigned a street address of 5303 Bickford Avenue; with a mailing address of 100 - 81st Avenue East, Everett.

- **Adjoining Property Investigation - 1994:**

The adjoining property to the east is the *Bickford Ford Site*. In 1994, a subsurface investigation was conducted in the "ditch" between the Bickford Ford site and the subject Property. The Phase II results indicated soil concentrations above the most stringent Model Toxics Control Act ("MTCA") Method "A" Cleanup Levels.

- **Department of Ecology Site Hazard Assessment - 1997:**

On September 27, 1997, the Department of Ecology sent a letter to Dunkin Diesel Services stating a that Site Hazard Assessment would be conducted on the Site in the immediate future.

On November 6, 1997, a subsurface investigation was performed by Cascade Drilling on behalf of the Snohomish County Health District. During the investigation, four borings were completed to a depth of 10 feet. A total of five soil samples were collected and transported to Edge Analytical in Burlington. The analytical results for the samples were below the Method A Model Toxics Control Act with the exception of the sample collected by the fence in the drainage area. The sample exceeded the cleanup standards for heavy hydrocarbons and cadmium.

Snohomish County Health District stated the levels were low enough that it would be acceptable for Dunkin Diesel Services to dig up the soil and dispose of the impacted soils in their dumpster. Additionally, Snohomish Health District recommended an asphalt curb be installed in order to route the surface water to the oil-water separator.

Note: at this time, the subject Property was assigned a street address of 5303 Bickford Avenue; with a mailing address of 100 -81st Avenue East, Everett.

- **Hazard Assessment - 1998:**

Based upon the soil sampling was performed on November 6, 1997, the Snohomish County Health Department issued the following report:

> "The Test results for those samples were below the Model Toxics Control Act (MTCA) Method A Cleanup Standards with the exception of one sample. Sample DD-4s, collected adjacent to the fence in the drainage area, which exceeds the cleanup standards for heavy hydrocarbons and cadmium. The contamination levels are low enough that it is acceptable for you to dig up the soil and dispose of it in the dumpster with our garbage. Please dispose of it in small amounts, no more than ½ cubic yard at a time."

(*Communication from Snohomish County Health District*, dated February 2, 1998).

- **Hazardous Site Ranking by Shohomish Health District - 1998:**

On June 2, 1998, a *Site Hazard Assessment* was performed by the Snohomish Health District. A total of four samples were collected within the eastern ditch and transported to Edge Analytical in Burlington for analysis.

Following completion of this additional testing, on June 19 of 1998, the Snohomish Health Department ranked the subject Property with the Hazardous Site Assessment Ranking of 5 based upon the Site Assessment. The Ranking concluded:

> "I have include a list of consultants that can assist you in demonstrating that your cleanup meets the Model Toxics Control Act requirements. The report will need to be submitted to the Voluntary Cleanup Program (VCP) at the Department of Ecology. ... VCP will determine if the cleanup is adequate to remove the site from the Hazardous Sites List."

(Communication from Snohomish Health District, dated June 24, 1998). Note: at this time, the subject Property was assigned a street address of 5303 Bickford Avenue; with a mailing address of 100 -81st Avenue East, Everett.

- **Hazardous Site Ranking Reassessment by Department of Ecology - 2004:**

The subject Property Hazard Ranking was reassessed in July of 2004 by the Department of Ecology, which concluded:

> "Because of recent adjustments made to the Hazardous Sites List, your site now has a hazard ranking of 4. I am enclosing a recent copy of the Site Data Summary for this site to show this proposed change, which will be reflected in the August 17, 2004 Special Issue of Ecology's Site Register."

(*Site Hazard Ranking Update - Dunkin Diesel Service Ecology Facility Site I.D. No.2752*, dated July 22, 2004). The Ecology Hazard Ranking incorrectly identified the subject Property as located at the mailing address of Dunkin Diesel Services, Inc.; 100 - 81st Avenue Southeast, Snohomish, Washington, rather than the recently reassigned physical address of 3219 Bickford Avenue.

Site Observations and Reported Conditions:

The exception of the above referenced environmental concerns, there were no additional Recognized Environmental Conditions or concerns identified as potential impacts to the Property.

SECTION II.
FIELD WORK

Notifications - "Public" Utilities:

Due to the developmental nature of the Site, a "public" utilities notification was performed prior to the start of work. The "public" utilities notification was performed on May 17, 2013 by Aerotech Environmental Consulting, Inc.[1], and was issued Ticket Number 1312-3989 by the Utilities Underground Location Center, with instructions to mark the entire Property.

According to the Utilities Underground Location Center the utilities necessary for notification included: City of Everett, GTE Frontier Communications Northwest, Puget Sound Energy - Gas, the City of Snohomish, and Snohomish PUD No.1 Electric – with instructions to identify all underground utilities on the entire subject Property.

Ground Penetrating Radar Subsurface Investigation:

A Ground Penetrating Radar Study was performed in the Areas of Concern on May 21, 2013, by an independent third-party geophysical firm.

A Ground Penetrating Radar ("GPR") Study is a geophysical methodology which uses radar pulses to reflect off of subsurface structures and thus provide an image of the subsurface conditions and the possible presence of subsurface objects. The depth of GPR Survey is determined by the electrical conductivity of the ground and the survey equipment transmitting frequency, and is limited to eight to thirteen feet below ground surface. However, the presence of significant subsurface obstructions or concrete rebar may limit the depth and effectiveness of the accuracy of the object identification. Additionally, surficial obstructions may limit the depth and effectiveness of the accuracy of the object identification.

The GPR Study performed for the subject Property did not identify any previously unknown or unsuspected Recognized Environmental Concerns or issues that were not analyzed or discussed in the above referenced Phase I Environmental Site Assessment.

The GPR Study clearly identified the location of the waste oil tank excavation, which was additionally confirmed by Mr. Chuck Dunkin, who was present when the tank was removed in 1991.

Notifications - Private Utilities Location:

Due to the developmental nature of the Site, a "public" utilities notification was performed prior to the start of work.

Additionally, Site exterior and building interior utilities were located by personnel engaged by Aerotech Environmental Consulting, Inc, and employed by Applied Professional Services of North Bend, Washington on May 21, 2013, prior to the start of the on Site drilling activities.

No unanticipated or unexpected situations were discovered or encountered during the "private" locating activities.

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[1] Aerotech Environmental Consulting, Inc., was previously issued Contractor Identification Number 58972 by the non-profit Utilities Underground Location Center (www.callbeforeyoudig.com).

Magnetometer Investigation:

Due to the nature of the anticipated Constituents of Concern, a magnetometer investigation was not performed prior to the initiation of the Site subsurface investigation.

Site Activities:

The Limited Phase II Targeted Subsurface Investigation was performed on May 21, 2013, under contract with Aerotech Environmental Consulting, Inc. All the work was performed during normal business hours No unusual or unforeseen circumstances occurred during the Site activities.

A series of subsurface excavations and trenches were excavated by equipment and personnel from Loth Industries, under the employment of the Property Owner, Mr. Chuck Dunkin.

Due to the high concentration of silt in the collected water sample, the former tank location area was re-excavated on June 13, 2013, and a filtered water sample was collected employing a peristaltic pump.

Excavation Activities:

The Ground Penetrating Radar Survey identified the former underground tank excavation as located behind the Shop Building to the north.

Based upon the observed differences between the native soils and the backfill materials, the original tank excavation was approximately seven feet long and six feet across, to an average depth of eight feet below ground surface.

The overall size of the subsurface exploration completed on May 21 was twelve feet long and nineteen feet wide to an average depth of twelve feet below ground surface.

Subsurface Exploration Observations:

The Site subsurface conditions vary, but are primarily characterized by clayey sandy soils to seven feet below grade, underlain by very hard native clay to at least twelve below ground surface. The tank backfill material was a mixture of clay and gravel.

Surficial water seepage was encountered at approximately ten feet below ground surface.

Sample Collection:

Samples were collected at locations and at depths as identified by field personnel. Samples were collected from 5 to 12.5 foot depths. A total of thirty discrete samples were collected on May 21, 2013.

In some situations the upper elevation sample was analyzed as being the most representative of surficial and subsurface conditions – considering a source of contamination was likely surficial or near surface releases. In other locations, lower elevation samples were collected as representative of the assumed Site conditions.

Soils collected from each excavation location were physically observed for composition and odor. Samples were placed in sterile glass jars with teflon sealed lids. All sampling equipment

for soil sampling, drive rods, and probes were decontaminated after each sampling point by washing with soapy distilled water and rinsing with distilled water. After washing, all external surfaces are wiped with clean paper towels. Plastic tubing is used only once.

Each sample was given a unique identifier number and placed in an iced cooler for sample preservation. A Chain of Custody recorded the collection and handling of every sample. As a result of the Site observations and recorded data, discrete soil and water samples were selected for laboratory analysis. The remaining soil samples were retained by the laboratory for analysis in the event that the groundwater or soil samples selected for laboratory analysis revealed elevated levels of constituents. Following the production of the initial Site sample results, followup laboratory analysis was requested and performed for the subject Site.

Due to the high concentration of silt in the collected water sample, the former tank location area was re-excavated on June 13, 2013, and a filtered water sample was collected employing a peristaltic pump.

Sample Screening:

The soil samples were collected from each excavation location and screened with a calibrated Perkin-Elmer Photo Ionization Detector ("PID") Model No. 2020 PID (Serial No. 001688), to determine if detectable levels of diesel range petroleum hydrocarbons were present in the samples. The PID is calibrated with Isobutylene gas and a specific response factor capable of detecting and accurately quantifying diesel range organics.

During the Field Screening Process, the soil samples are placed in clean, resealable polyethylene bags. Each bag is sealed, and the sample is allowed to equilibrate for approximately five minutes after which a small opening is made in the bag. The probe of the PID is then inserted into the bag, and the air space above the soil sample is analyzed for organic vapors of diesel range petroleum concentrations. As such, organic vapor screening provides an immediate field level indication of the presence or absence of the targeted compound

This information is recorded and then used to identify the discrete sample at each investigation location that potentially contained the greatest concentrations of petroleum constituents.

All PID sampling was performed by the Aerotech Staff State of Washington Licensed Geologist, Michael McGovern.

Equipment Decontamination:

All sample acquisition equipment was decontaminated before and after each boring to eliminate the potential for cross-contamination between borings, as required. Since sample media was primarily collected by clean latex gloves and sterile containers, sample equipment decontamination was not required; and all sampling equipment was single-use only.

Site Restoration:

Due to the nature of Site excavation, sampling location restoration was necessary. The excavated areas were compressed with the backhoe bucket and compacted with the weight of the machine.

SUMMARY OF SAMPLE ACQUISITION

A total of three sample acquisition locations were advanced in Areas of Concern to a maximum depth of 12.5 feet below ground surface; thirty discrete soil samples were collected for possible laboratory analysis. The following is a detailed description of each excavation location, observations made during the acquisition, sampling information, and the field screening process.

1. Sample Area - Northeastern Corner "S1" Location:

Northeastern Corner "S1" Location. This area is located along the eastern Property boundary in the northeastern corner of the Parcel – the location of the S1 soil sample collected on August 17, 1994.

Five excavations to an average depth of three feet below ground surface. Five soil samples were collected and screened by a State of Washington Licensed Geologist for diesel / oil employing the PID – all of the PID results were below the limits of equipment detection. Since the primary area of concern was the location where Sample S1 was collected in 1994, the Aerotech sample number FM15-1 (12 to 18 inches below ground surface) was selected as the sample in closest proximity to the believed location of Sample S1.

Sample FM15-1was analyzed from Diesel / Lube Range Organics and MTCA Five Metals. All reported laboratory results were below the most stringent MTCA Method "A" Residential Cleanup Levels.

2. Sample Area Former - Soil Remediation Southeast of Shop:

Former Soil Remediation Action: Southeast of Shop. This area is located along the eastern Property boundary southeast of the Shop Building. In 1998, the Shohomish County Health Department identified "less than one cubic yard" of Lube Oil impacted soils (1,710 mg/kg) and instructed the Property Owner (Charles Dunkin) to shovel up the soil and dispose of same in their garbage dumpster – which Mr. Dunkin performed as instructed.

Four excavations were performed to a maximum depth of three feet below ground surface. Four soil samples were screened by a State of Washington Licensed Geologist for diesel / oil employing the PID – all of the PID results were below the limits of equipment detection.

Sample FN30-1 (12 to 18 inches below ground surface) was analyzed for Diesel / Lube Oil Range Organics. Additionally, Sample FC15-1, collected six feet south of FN30-1 at 12 to 18 inches below ground surface, was analyzed for Gasoline Range Organics and MTCA Five Metals. All reported laboratory results were below the most stringent MTCA Method "A" Residential Cleanup Levels.

3. Sample Area - Former Waste Oil Tank Location:

Former Underground Waste Oil Tank Location. In early 1991, a waste oil tank located adjoining the north side of the Shop Building was removed. Confirmatory soil sampling was not conducted at that time. In 1997, the Snohomish County Health District conducted two soil borings to ten feet below ground surface: gasoline and oils were not encountered in either of the samples.

The Scope of Work was to perform an excavation to the depth of water or sixteen feet below grade – which came first – and sample the excavation walls and floor. Screen all soil samples using PID, and select multiple representative samples for laboratory analysis of waste oil, MTCA metals, and VOCs. In the event that water was encountered in the excavation, a grab water sample would be analyzed

Twenty-one soil samples were collected, examined in the field, and subsequently screened by a State of Washington Licensed Geologist for diesel / oil employing the PID – all of the PID results were below the limits of the equipment detection.

The overall size of the exploration excavation completed on May 21 was twelve foot long and nineteen feet wide to an average depth of twelve feet below ground surface. Water seepage was encountered at ten feet below ground surface. The following soil samples were selected for laboratory analysis:

Laboratory Analytical Results:
Soil Samples

Sample No:	Location:	Depth:	Diesel / Lube Oil Range:	VOC:	MTCA Five Metals:
N9.5-1	North wall	9.5 feet	nd		
S9.5-1	South wall	9.5 feet	nd		
E9-1	East wall	9.0 feet	nd		Below Cleanup Level
W9	West wall	9.0 feet	nd		
B12	Center bottom	12.0 feet	nd	Below Cleanup Level	Below Cleanup Level

Laboratory Analytical Results:
Water Sample

Sample No:	Depth:	BTEX and Gas:	Diesel / Oil:	VOC:	MTCA Five Metals:
Dunkin Diesel W-1	10 feet	nd	nd	nd	nd[2]

[2] The original water sample collected on May 21, 2013, contained a significant quantity of sediments and was determined to be non-representative of Site conditions. A second sample collected on June 13 was filtered on Site, and represents the reported laboratory results for MTCA Five Metals.

SECTION III.
ANALYTICAL RESULTS

Petroleum Constituents

All samples were below the most stringent State of Washington Model Toxics Control Act Method "A" Residential Unrestricted Use cleanup levels.

All samples were below the minimum laboratory limits of detection.

Diesel & Oils Constituents:

All samples were below the most stringent State of Washington Model Toxics Control Act Method "A" Residential Unrestricted Use cleanup levels.

APPLICABLE ANALYTICAL METHODOLOGIES AND PARAMETERS

The analysis parameters requested were chosen to provide a comprehensive characterization of the subsurface soils and/or water present at the Site Areas of Concern and to comply with State of Washington recommended analysis parameters.

Analytical Methodology:

Gasoline Range Organics
Northwest Total Petroleum Hydrocarbons (Method NWTPH-Gx)

Diesel & Oil Range Organics
State of Washington NWTPH-Dx/Dx Extended

Residual Range Organics
State of Washington NWTPH-Dx/Dx Extended

Volatile Organic Compounds
EPA Method 8260B

Semivolatile Organic Compounds
EPA Method 8270D

Halogenated Volatile Compounds
EPA Methos 8260B

RCRA Total Metals
EPA Method 6020

Laboratory Analysis:

Laboratory analysis was provided by:

ESN Northwest Chemistry Laboratory
1210 Eastside Street S.E., Suite No.200
Olympia, Washington 98501
(360) 459-4670

Advanced Analytical Laboratory
2821 - 152nd Avenue Northeast
Redmond, Washington 98052
(425) 497-0110

SECTION IV.
CONCLUSIONS AND RECOMMENDATIONS

Soil samples were collected and screen as delineated in the Scope of Work. All soil samples were below the most stringent Model Toxics Control Act ("MTCA") Method A Residential Cleanup Levels.

A **water sample** was collected from the bottom of the former underground waste oil tank location at approximately ten feet below ground surface. All sample results were below the most stringent MTCA Method A Cleanup Levels.

> **Based upon the reported laboratory results, the subject Property should be granted an unconditional No Further Action Determination under the auspices of the State of Washington Department of Ecology Voluntary Cleanup Program.**

STATEMENT OF THE ENVIRONMENTAL PROFESSIONAL

The objective of this Limited Phase II Targeted Subsurface Investigation 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, for the exclusive use of the designated Clients. The procedure was to perform reasonable steps 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. To the best of my knowledge, this Limited Phase II Targeted Subsurface Investigation has been performed in compliance with the Aerotech Environmental Consulting, Inc., Scope of Work applicable to this Project.

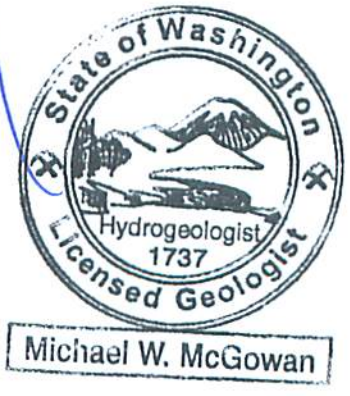
I have performed this Limited Phase II Targeted Subsurface Investigation in accordance with generally accepted environmental practices and procedures, as of the date of this Report. I have employed the degree of care and skill ordinarily exercised under similar circumstances by reputable environmental technologists practicing in this area. The conclusions contained within this Investigation are based upon site conditions I readily observed or were reasonably ascertainable and present at the time of the Site activities.

The conclusions and recommendations stated in this Report are based upon personal observations made by myself and other employees of Aerotech Environmental Consulting, Inc., information and analysis provided by third-party analytical laboratories, and also upon information provided by others. I have no reason to suspect or believe that the information provided is inaccurate.

Signature of Aerotech Consulting, Inc.
Environmental Professional:

Signature - Michael McGowan

State of Washington Licensed:
Geologist
Engineering Geologist
Hydro Geologist



DEFINITIONS SPECIFIC TO TARGETED PHASE II ASSESSMENT

Background Concentration..... the concentration of a target analyte in groundwater, surface water, air, soil gas, sediment, or soil at a referenced location near a release or potential release area under investigation, which is not attributable to the release under investigation. Background samples may contain the target analyte, due to either naturally occurring or manade sources, but not due to the release(s) in question. (See, E 1903-97, § 3.1.3).

Phase II Environmental Site Assessment.... This practice (ASTM E 1903-97, Reapproved 2002) defines a commercially practical process for sound Phase II investigation that includes sampling and chemical testing. Such Phase II investigation is performed, at a minimum, to confirm the actual presence of contamination in environmental media at a property where prior assessment had indicated that contaminants may occur due to releases or potential releases of substances to the environment at the property, or to demonstrate prior to property acquisition that contamination by targeted analytes is absent. (See, E 1903-97, § 1.1.1).

Phase II Environmental Site Assessment Limitations..... "This practice [ASTM E1903-97, Reapproved 2002] recognizes that the *Phase II ESA* process can be applied either to an overall assessment of a property with respect to all releases and potential releases at the property, or to an evaluation targeted to a specific release or potential release. It a property-wide assessment is not necessary to meet the particular *User* objective, then the Phase II investigation process described herein should be applied to generate sound information regarding the specific question of problem to be resolved. If a Phase II investigation does not address all releases and potential releases identified at a property, the report of the assessment must be denoted as a *"Targeted Phase II" Environmental Site Assessment*. [E 1903-97, § 1.1.3]"

Phase II Targeted Environmental Site Assessment.... This Phase II Site Assessment is "targeted" as defined by the ASTM *Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process*, Designation E 1903-97 (Reapproved 2002); "an assessment performed in accordance with the process described in this [E 1903-97] practice, which addresses only certain *releases* or potential *releases*, or certain *target analytes*, at a property as selcted by the *User* but which does not address all *releases*, potential *releases*, and *target analytes*.[E 1903-97, § 3.1.43]"

Prior Knowledge.... "This Standard Practice [ASTM E 1903-97, Reapproved 2002] assumes ... that all reasonably ascertainable information, including but not limited to prior Phase I Environmental Site Assessment Reports, will be considered in conducting a Phase II ESA and interpreting its results. [E 1903-97, § 1.1.2]."

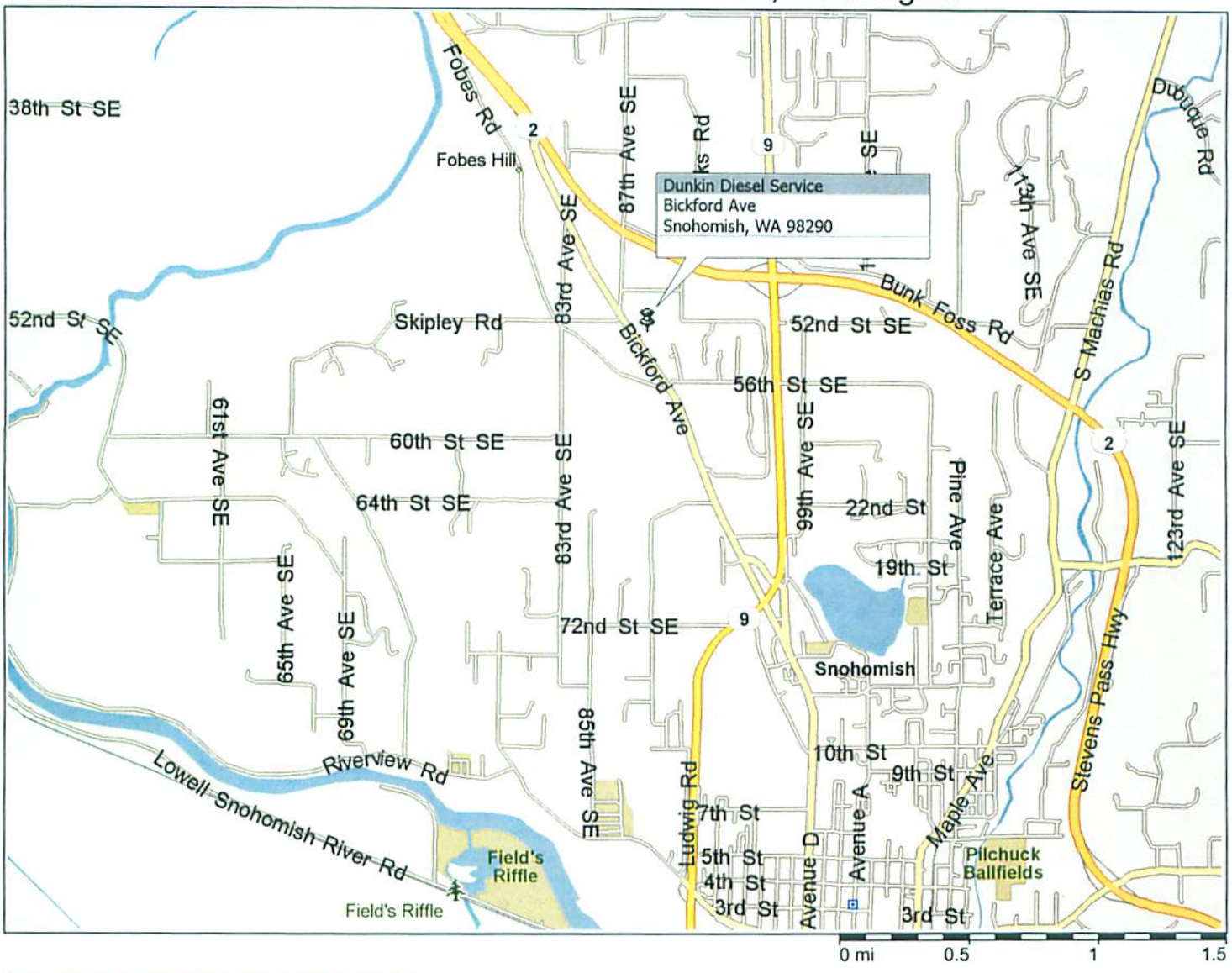
Targeted Analytes.... substances that have been released or potentially have been released to environmental media at the site, and which are of interest in the context of the particular Phase II ESA and its objectives, the presence of which will be sought and concentrations of which will be quantified through field screening or chemical testing. (See, E 1903-97, § 3.1.63).

APPENDIX

- Site Location and Photographs
- Project Contract Documents
- Project Correspondence
- Analytical Results
- Chain of Custody

- Site Location and Photographs

Dunkin Diesel Service - Snohomish, Washington



Dunkin Diesel Service - Snohomish, Washington

Pushpins

My Pushpins

Dunkin Diesel
Sunsurface Investigation

Former underground storage tank location

Excavation activities

Sampling activities

- Project Contract Documents

ENVIRONMENTAL CONTRACTOR'S CERTIFICATION

Dunkin Diesel Services, Inc.
3219 Bickford Avenue
Snohomish, Washington 98290

1. Contractor's Name: Aerotech Environmental Consulting, Inc.

2. Contractor's Address: 19600 Intrenational Blvd., Suite 101, SeaTac, Washington 98188

3. Name and title of person completing this certification: Alan T. Blotch / President

4. Answer the following questions about each employee that contractor will have perform the assessment or prepare the report showing the results of the inspection:

   a. Name and Title of Employee: Alan T. Blotch – Environmental Professional

   b. Length of experience doing environmental assessments: 29 years

   c. Education degrees received: Masters of Business Administration
   Juris Doctor – Environmental Law

   d. Relevant training received: ASTM E50 Environmental Assessment Committee Meetings

5. Identify any certifications and approvals issued to contractor pursuant to an official Federal, State of local program or policy to conduct environmental assessments: Registered Environmental Assessor
   Issued by State of California

6. Describe the generally recognized standards which the contractor will use to perform the assessment. *Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process* (ASTM E 1903)

7. Disclose the nature of any previous environmental inspections contractor has ever performed for the Owner of the property: Phase I Environmental Site Assessment

8. Disclose the nature of any affiliation or association contractor now has, or ever had, with the above referenced seller of the property, of the above referenced buyer of the property: Phase I Site Assessment

9. Describe the liability insurance carried by contractor to cover claims in the event that ir fails to discover adverse environmental conditions during an environmental inspection.
   Professional Errors & Omissions Coverage $1,000,000 / claim and $1,000,000 aggregate liability

THE UNDERSIGNED HEREBY CERTIFIES, UNDER PENALTY OF THE CRIMINAL AND/OR CIVIL PENALTIES IN 18 U.S.C. § 1001 FOR FALSE STATEMENTS TO THE UNITED STATES GOVERNMENT, THAT THE ABOVE INFORMATION IS TRUE AND CORRECT.

Signature

07/06/13
Date

- Project Correspondence

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
Northwest Regional Office • 3190 160th Ave SE • Bellevue, WA 98008-5452 • 425-649-7000
711 for Washington Relay Service • Persons with a speech disability can call 877-833-6341

April 5, 2013

Mr. Charles David Dunkin III
Dunkin Diesel Service
3219 Bickford Avenue
Snohomish, WA 98290

Re: Further Action at the following Site:

- **Site Name:** Dunkin Diesel Service
- **Site Address:** 3219 Bickford Ave., Snohomish, WA
- **Facility/Site No.:** 2752
- **CS ID:** 4775
- **VCP Project No.:** NW2635

Dear Mr. Dunkin:

The Washington State Department of Ecology (Ecology) received your request for an opinion on your independent cleanup of the Dunkin Diesel Service facility (Site). This letter provides our opinion. We are providing this opinion under the authority of the Model Toxics Control Act (MTCA), Chapter 70.105D RCW.

Issue Presented and Opinion

Is further remedial action necessary to clean up contamination at the Site?

YES. Ecology has determined that further remedial action is necessary to clean up contamination at the Site.

This opinion is based on an analysis of whether the remedial action meets the substantive requirements of MTCA, Chapter 70.105D RCW, and its implementing regulations, Chapter 173-340 WAC (collectively "substantive requirements of MTCA"). The analysis is provided below.

Description of the Site

This opinion applies only to the Site described below. The Site is defined by the nature and extent of contamination associated with the following releases:

- Total Petroleum Hydrocarbons-Diesel Range Organics and Heavy Oils (TPH-DRO and TPH-HO) in Soil and Groundwater.

Please note a parcel of real property can be affected by multiple sites. At this time, we have no information that the parcel associated with this Site is affected by other sites.

Basis for the Opinion

This opinion is based on the information contained in the following documents:

1. Aerotech Environmental Consulting Inc., October 12, 2012, Voluntary Cleanup Program: Request for Additional Information and Clarification.

2. Dunkin Diesel Service, Inc., August 27, 2012, Summary of the Site Assessments and Cleanups Conducted in 1994 and 1998.

Those documents are kept in the Central Files of the Northwest Regional Office of Ecology (NWRO) for review by appointment only. You can make an appointment by calling the NWRO resource contact at (425) 649-7235 or sending an email to nwro_public_request@ecy.wa.gov.

This opinion is void if any of the information contained in those documents is materially false or misleading.

Analysis of the Cleanup

Ecology has concluded that **further remedial action** is necessary to clean up contamination at the Site. That conclusion is based on the following analysis:

1. **Characterization of the Site.**

   Ecology has determined your characterization of the Site is not sufficient to establish cleanup standards and select a cleanup action.

   Contamination in soil exceeding MTCA Method A cleanup levels remains at the S1 location (northeastern corner of the Site), which had not fully been characterized in 1994 when the assessment was conducted.

   The Phase II Investigation report dated 1998 indicated that some of the petroleum-impacted soil was cleaned up. However, the report did not include the critical information regarding areas and volume of the impacted soil removed at the Site. In addition, confirmational soil sampling was not performed so that the soil removal could be evaluated for its effectiveness.

Groundwater at the Site had not been analyzed for its quality during the site assessments. Since groundwater might have been impacted by the releases, status of groundwater contamination shall be identified prior to determining if a further remedial action is necessary.

2. **Establishment of cleanup standards.**

Ecology has determined the cleanup levels and points of compliance you established for the Site do not meet the substantive requirements of MTCA.

a. **Cleanup levels.**

Soil

The Site does not meet the MTCA definition of an industrial property. Therefore, soil cleanup levels suitable for unrestricted land use are determined for the Site. For unrestricted land use, human direct contact and soil-to-groundwater pathway, Method A cleanup levels defined in MTCA can be utilized.

Groundwater

This Site is also appropriate to utilize MTCA Method A groundwater cleanup levels defined in MTCA for unrestricted land use at this Site.

b. **Points of compliance.**

Soil

The point of compliance for contamination soil is based on the protection of groundwater and it is applied for Site wide throughout the soil profile, which will extend below the water table.

Groundwater

The point of compliance for groundwater is throughout the Site from the uppermost level of the saturated zone extending vertically and horizontally to the lowest depth which could potentially be affected.

3. **Selection of cleanup action.**

Ecology has determined the cleanup action you selected for the Site does not meet the substantive requirements of MTCA. In 1998, a small portion of contaminated soil was

removed. However, there were no data to confirm all the impacted soils exceeding the MTCA Method A cleanup levels were removed at the Site.

The site assessment conducted in 1994 revealed the exceeded contaminated soil located at the northeastern corner of the Site. However, nature and extent of the contaminated soil was not fully characterized.

4. **Cleanup.**

Ecology has determined the remedial efforts you performed do not meet the defined cleanup standards at the Site. Based on the report of the interim remedial action conducted in 1994, contamination in soil was found present at the northeastern corner, but was not fully characterized.

There was no data to indicate the success of the contaminated soil removal in 1998. Also, we do not know how much of contaminated soil was removed and from where during this soil cleanup effort.

Groundwater samples have not been collected at this Site to analyze for its quality. Clean up will be requested if a supplemental site assessment demonstrates exceedances of the groundwater cleanup levels in the future.

Limitations of the Opinion

1. **Opinion does not settle liability with the state.**

Liable persons are strictly liable, jointly and severally, for all remedial action costs and for all natural resource damages resulting from the release or releases of hazardous substances at the Site. This opinion does **not**:

- Resolve or alter a person's liability to the state.
- Protect liable persons from contribution claims by third parties.

To settle liability with the state and obtain protection from contribution claims, a person must enter into a consent decree with Ecology under RCW 70.105D.040(4).

2. **Opinion does not constitute a determination of substantial equivalence.**

To recover remedial action costs from other liable persons under MTCA, one must demonstrate that the action is the substantial equivalent of an Ecology-conducted or Ecology-supervised action. This opinion does not determine whether the action you

performed is substantially equivalent. Courts make that determination. *See* RCW 70.105D.080 and WAC 173-340-545.

3. **State is immune from liability.**

The state, Ecology, and its officers and employees are immune from all liability, and no cause of action of any nature may arise from any act or omission in providing this opinion. *See* RCW 70.105D.030(1)(i).

Contact Information

Thank you for choosing to clean up the Site under the Voluntary Cleanup Program (VCP). After you have addressed our concerns, you may request another review of your cleanup. Please do not hesitate to request additional services as your cleanup progresses. We look forward to working with you.

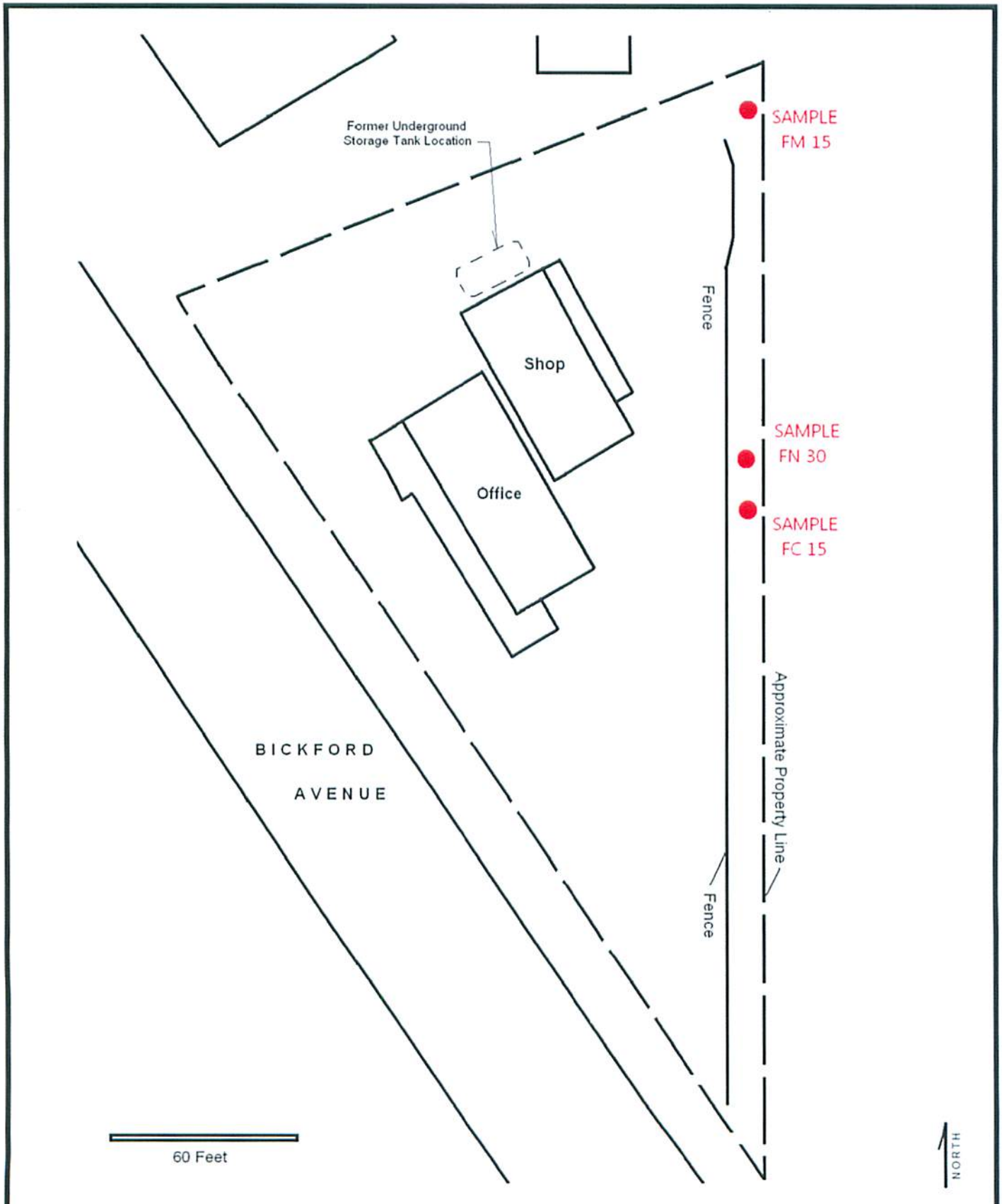
For more information about the VCP and the cleanup process, please visit our web site: www.ecy.wa.gov/programs/tcp/vcp/vcpmain.htm. If you have any questions about this opinion, please contact me by phone at (425) 649-7126 or e-mail at gyan461@ecy.wa.gov.

Sincerely,

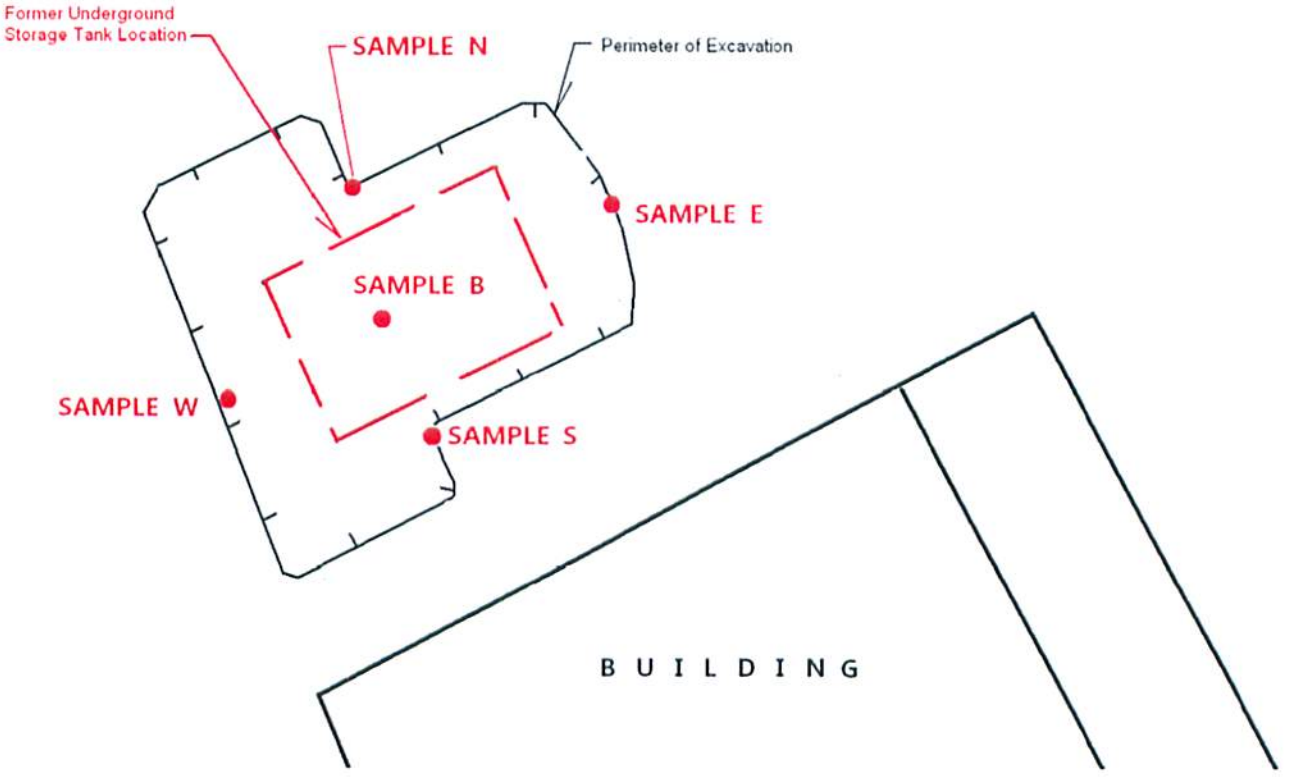
Grant Yang
Site Manager
NWRO/Toxics Cleanup Program

cc: Alan Blotch
Aerotech Environmental Consulting Inc.
19600 International Blvd, Suite # 101, SeaTac, WA 98188

- Analytical Results



Aerotech Environmental Consulting, Inc 19600 International Blvd., Ste. 101 Seattle, Washington www.aerotechenvironmental.com Drawing by McDermott July 4 2013	Approximate Soil Sample Locations May 21, 2013	Dunkin Diesel Services 3219 Bickford Avenue Snohomish, WA



Approximate Scale

10 Feet

Aerotech Environmental Consulting, Inc 19600 International Blvd., Ste. 101 SeaTac, Washington www.AerotechEnvironmental.com Drawing by McDermott July 4, 2013	**Underground Storage Tank Closure** Approximate Soil Sample Locations May 21, 2013	**Dunkin Diesel Services** **3219 Bickford Avenue** **Snohomish, WA**

ESN NORTHWEST
Environmental
Services Network

June 7, 2013

Alan Blotch
Aerotech Environmental Consulting
19600 International Blvd., Suite 100
SeaTac, WA 98188

Dear Mr. Blotch:

Please find enclosed an analytical data report for the Dunkin Diesel Project in Snohomish, Washington. Soil samples were analyzed for Diesel and Oil by NWTPH-Dx/Dx Extended, Gasoline by NWTPH-Gx, VOC's by Method 8260, MTCA 5 Metals by Method 6020, and Hex Chrome by Method 7196 on May 23 - June 5, 2013.

The results of the analyses are summarized in the attached tables. All soil values are reported on a dry weight basis. Applicable detection limits and QA/QC data are included. An invoice for the analytical services is also enclosed.

ESN Northwest appreciates the opportunity to have provided analytical services to Aerotech for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Michael A Korosec

Michael A. Korosec
President

1210 Eastside Street SE, Suite 200 ■ Olympia, Washington 98501 ■ 360.459.4670 ■ FAX 360.459.3432
Web Site: www.esnnw.com E-Mail: info@esnnw.com

ESN NORTHWEST CHEMISTRY LABORATORY

Aerotech Environmental Consultants
DUNKIN DIESEL PROJECT
Snohomish, Washington

ESN Northwest
1210 Eastside Street SE Suite 200
Olympia, WA 98501
(360) 459-4670 (360) 459-3432 Fax
lab@esnnw.com

Analyses of Gasoline Range Organics in Soil by Method NWTPH-Gx

Sample Number	Date Prepared	Date Analyzed	Surrogate Recovery (%)	Gasoline Range Organics (mg/kg)
Method Blank	5/23/2013	5/24/2013	131	nd
LCS	5/23/2013	5/24/2013	113	79%
FC15-1	5/23/2013	5/24/2013	142	nd
Reporting Limits				10

*The surrogate yielded high recovery in the sample, because gasoline was not detected, no further action was taken.

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE: 65% TO 135%

ESN NORTHWEST CHEMISTRY LABORATORY

Aerotech Environmental Consultants
DUNKIN DIESEL PROJECT
Snohomish, Washington

ESN Northwest
1210 Eastside Street SE Suite 200
Olympia, WA 98501
(360) 459-4670 (360) 459-3432 Fax
lab@esnnw.com

Analysis of Diesel Range Organics & Lube Oil Range Organics in Soil by Method NWTPH-Dx/Dx Extended

Sample Number	Date Prepared	Date Analyzed	Surrogate Recovery (%)	Diesel Range Organics (mg/kg)	Lube Oil Range Organics (mg/kg)
Method Blank	5/23/2013	5/23/2013	91	nd	nd
LCS	5/23/2013	5/23/2013	96	125%	---
E9-1	5/23/2013	5/23/2013	103	nd	nd
E9-1 Duplicate	5/23/2013	5/23/2013	101	nd	nd
W9	5/23/2013	5/23/2013	113	nd	nd
B12	5/23/2013	5/23/2013	101	nd	nd
FM15-1	5/23/2013	5/23/2013	50	nd	nd
N9.5-1	5/23/2013	5/23/2013	105	nd	nd
S9.5-1	5/23/2013	5/23/2013	98	nd	nd
FC15-1	5/23/2013	5/23/2013	110	nd	nd
Reporting Limits				50	100

"---" Indicates not tested for component.
"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 50% TO 150%

ESN NORTHWEST CHEMISTRY LABORATORY

Aerotech Environmental Consultants
DUNKIN DIESEL PROJECT
Snohomish, Washington

ESN Northwest
1210 Eastside Street SE Suite 200
Olympia, WA 98501
(360) 459-4670 (360) 459-3432 Fax
lab@esnnw.com

Analysis of Chlorinated Volatile Organic Compounds in Soil by Method 8260

Analytical Results

	RL	MB	LCS	B12
Date extracted	(mg/Kg)	05/23/13	05/23/13	05/23/13
Date analyzed		05/24/13	05/24/13	05/24/13
% Moisture				15%
Dichlorodifluoromethane	0.05	nd		nd
Chloromethane	0.05	nd		nd
Vinyl chloride	0.02	nd	66%	nd
Chloroethane	0.05	nd		nd
Trichlorofluoromethane	0.05	nd	93%	0.07
1,1-Dichloroethene	0.05	nd		nd
Methylene chloride	0.05	nd		nd
trans-1,2-Dichloroethene	0.05	nd		nd
1,1-Dichloroethane	0.05	nd		nd
cis-1,2-Dichloroethene	0.05	nd		nd
2,2-Dichloropropane	0.05	nd		nd
Chloroform	0.05	nd	102%	nd
Bromochloromethane	0.05	nd		nd
1,1,1-Trichloroethane	0.05	nd		nd
1,2-Dichloroethane (EDC)	0.05	nd		nd
1,1-Dichloropropene	0.05	nd		nd
Carbon tetrachloride	0.05	nd		nd
Trichloroethene (TCE)	0.02	nd	93%	nd
1,2-Dichloropropane	0.05	nd	93%	nd
Bromodichloromethane	0.05	nd		nd
cis-1,3-Dichloropropene	0.05	nd		nd
trans-1,3-Dichloropropene	0.05	nd		nd
1,1,2-Trichloroethane	0.05	nd		nd
1,3-Dichloropropane	0.05	nd		nd
Dibromochloromethane	0.05	nd		nd
Tetrachloroethene (PCE)	0.02	nd	69%	nd
Chlorobenzene	0.05	nd	91%	nd
1,1,1,2-Tetrachloroethane	0.05	nd		nd
1,1,2,2-Tetrachloroethane	0.05	nd		nd
1,2,3-Trichloropropane	0.05	nd		nd
2-Chlorotoluene	0.05	nd		nd
4-Chlorotoluene	0.05	nd		nd
1,3-Dichlorobenzene	0.05	nd		nd
1,4-Dichlorobenzene	0.05	nd		nd
1,2-Dichlorobenzene	0.05	nd		nd
1,2-Dibromo-3-Chloropropane	0.05	nd		nd
1,2,4-Trichlorobenzene	0.05	nd		nd
Hexachloro-1,3-butadiene	0.05	nd		nd
1,2,3-Trichlorobenzene	0.05	nd		nd

Surrogate recoveries

Dibromofluoromethane	105%	124%	110%
Toluene-d8	69%	74%	66%
4-Bromofluorobenzene	115%	103%	121%

Data Qualifiers and Analytical Comments

nd - not detected at listed reporting limits
Acceptable Recovery limits: 65% TO 135%
Acceptable RPD limit: 35%

ESN NORTHWEST CHEMISTRY LABORATORY

Aerotech Environmental Consultants
DUNKIN DIESEL PROJECT
Snohomish, Washington

ESN Northwest
1210 Eastside Street SE Suite 200
Olympia, WA 98501
(360) 459-4670 (360) 459-3432 Fax
lab@esnnw.com

Analysis of Total Metals in Soil by EPA Method 6020A/3050B

Sample Number	Date Analyzed	Lead (Pb) (mg/kg)	Cadmium (Cd) (mg/kg)	Chromium (Cr) (mg/kg)	Arsenic (As) (mg/kg)	Mercury (Hg) (mg/kg)
Method Blank	5/24/2013	nd	nd	nd	nd	nd
E9-1	5/24/2013	nd	nd	41	nd	nd
B12	5/24/2013	nd	nd	110	nd	nd
FM15-1	5/24/2013	14	nd	40	5.5	nd
FC15-1	5/24/2013	nd	nd	46	nd	nd
Reporting Limits		5.0	1.0	5.0	5.0	0.5

"nd" Indicates not detected at listed detection limits.

ESN NORTHWEST CHEMISTRY LABORATORY

Aerotech Environmental Consultants
DUNKIN DIESEL PROJECT
Snohomish, Washington

ESN Northwest
1210 Eastside Street SE Suite 200
Olympia, WA 98501
(360) 459-4670 (360) 459-3432 Fax
lab@esnnw.com

QA/QC Data - Total Metals in Soil by EPA Method 6020A/3050B

Sample Number:FM15-1

	Matrix Spike			Matrix Spike Duplicate			RPD
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	(%)
Lead	87.0	83.6	96.1	88.2	85.4	96.8	0.7
Cadmium	87.0	85.5	98.3	88.2	87.0	98.6	0.3
Chromium	87.0	89.7	103	88.2	94.7	107	4.0
Arsenic	87.0	86.9	99.9	88.2	89.2	101	1.2
Mercury	8.70	8.60	98.9	8.82	8.72	98.9	0.0

	Laboratory Control Sample		
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
Lead	100	98.3	98.3
Cadmium	100	103	103
Chromium	100	105	105
Arsenic	100	107	107
Mercury	10.0	10.1	101

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 80%-120%
ACCEPTABLE RPD IS 35%
M - Matrix Spike recovery failed due to matrix interference.

SPECTRA Laboratories
2221 Ross Way • Tacoma, WA 98421 • (253) 272-4850 • Fax (253) 572-9838 • www.spectra-lab.com

06/05/2013

ESN Northwest
1210 Eastside St. S.E.
Suite 200
Olympia, WA 98501
Attn: Julie Woods

Project: Aerotech-Dunkin Diesel
Sample Matrix: Soil
Date Sampled: 05/21/2013
Date Received: 05/30/2013
Spectra Project: 2013050685

Client ID	Spectra #	Analyte	Result	Units	Method
E9-1	1	Hexavalent Chromium	<0.5	mg/Kg	SW846 7196A
B12	2	Hexavalent Chromium	<0.5	mg/Kg	SW846 7196A
FM15-1	3	Hexavalent Chromium	<0.5	mg/Kg	SW846 7196A
FC15-1	4	Hexavalent Chromium	<2.5	mg/Kg	SW846 7196A

Reporting limit elevated due to matrix effects (color).

SPECTRA LABORATORIES

Steve Hibbs, Laboratory Manager
a7/sgh

ADVANCED ANALYTICAL

Environmental Testing Laboratory

June 18, 2013

Michael McGowan
Aerotech Environmental, Inc.
19600 International Blvd.
SeaTac, WA 98188

Dear Mr. McGowan:

Please find enclosed the analytical data report for the *Dunkin Diesel Service* ***(B30613-1)*** Project.

Samples were received on *June 13, 2013.* The results of the analyses are presented in the attached tables. Applicable reporting limits, QA/QC data and data qualifiers are included. A copy of the chain-of-custody and an invoice for the work is also enclosed.

ADVANCED ANALYTICAL LABORATORY appreciates the opportunity to provide analytical services for this project. Should there be any questions regarding this report, please contact me at (425) 497-0110.

It was a pleasure working with you, and we are looking forward to the next opportunity to work together.

Sincerely,

V. Ivanov

Val G. Ivanov, Ph.D.
Laboratory Manager

Overlake Business Center ■ 2821 152 Avenue NE ■ Redmond, WA 98052
ph 425.497.0110 fax 425.497.8089
E-mail: aachemlab@yahoo.com

Advanced Analytical Laboratory
(425) 497-0110, fax (425) 497-8089

AAL Job Number: B30613-1
Client: Aerotech Environmental
Project Manager: Michael McGowan
Client Project Name: Dunkin Diesel Service
Client Project Number: na
Date received: 06/13/13

Analytical Results

Metals Dissolved (7010/7470), mg/l		MTH BLK	LCS	W-1	MS W-1	MSD W-1	RPD W-1
Matrix	Water	Water	Water	Water	Water	Water	Water
Date extracted	Reporting	06/18/13	06/18/13	06/18/13	06/18/13	06/18/13	06/18/13
Date analyzed	Limits	06/18/13	06/18/13	06/18/13	06/18/13	06/18/13	06/18/13
Lead (Pb)	0.002	nd	97%	nd	84%	92%	9%
Chromium (Cr)	0.01	nd	115%	nd	88%	101%	13%
Cadmium (Cd)	0.005	nd	98%	nd	88%	96%	9%
Arsenic (As)	0.005	nd	97%	nd	89%	96%	8%
Mercury (Hg) (7470A)	0.0005	nd	85%	nd	81%	74%	9%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

- Chain of Custody

ADVANCED ANALYTICAL

Chain of Custody Record

Laboratory Job #:

2821 152 Avenue NE
Redmond, WA 98052
(425) 497-0110 fax: (425) 497-8089
aachemlab@yahoo.com

nt: AEROTECH ENVIRONMENTAL

ject Manager: ALAN BLOTCH

dress:

none: 360-710-5899 Fax:

Project Name: DUNKIN DIESEL

Project Number:

Collector: A. BLOTCH

Date of collection: 05-21-13

	Sample ID	Time	Matrix	Container type	8260 Volatiles	8021B Volatiles	BTEX	BTEX/NWTPH-Gx	NWTPH-Gx	NWTPH-Dx	NWTPH-HCID	8270 Semivolatiles	8270 PAH	8082 PCBs	8081 Pesticides	RCRA 8 Metals	Lead	MTCA 5	VOCs		Notes, comments	# of containers
1	E9-1								X								X					
2	" 2																					
3	E12-1																					
4	" 2																					
5	W3-1																					
6	" 2																					
7	W6-1																					
8	W9								X													
9	W12																					
10	B12								X								X	X				
11	FH15-1								X								X					
12	" 2																					

Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	5-22-13 1420	[signature]	5/22/13 1420
Relinquished by:	Date/Time	Received by:	Date/Time

Sample receipt info:

Total # of containers:

Condition (temp, °C)

Seals (intact?, Y/N)

Comments:

Turnaround time:

Same day O

24 hr O

48 hr O

Standard X

ADVANCED ANALYTICAL

Chain of Custody Record

Laboratory Job #:

2821 152 Avenue NE
Redmond, WA 98052
(425) 497-0110 fax: (425) 497-8089
aachemlab@yahoo.com

Client: AEROTECH ENVIRONMENTAL

Project Manager: ALAN BLOTCH

Address:

Phone: 360-710-5899 Fax:

Project Name: DUNKIN DIESEL

Project Number:

Collector: A. BLOTCH

Date of collection: 05-21-13

	Sample ID	Time	Matrix	Container type	8260 Volatiles	8021B Volatiles	BTEX	BTEX/NWTPH-Gx	NWTPH-Gx	NWTPH-Dx	NWTPH-HCID	8270 Semivolatiles	8270 PAH	8082 PCBs	8081 Pesticides	RCRA 8 Metals	Lead				Notes, comments	# of containers
1	N 4.5 -1																					
2	" 2								X													
3	N 9.5 -1																					
4	" 2																					
5	S 4.5 -1																					
6	" 2								X													
7	S 9.5 -1																					
8	" 2																					
9	E3 -1																					
10	" 2																					
11	E6 -1																					
12	" 2																					

Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	5-22-13 14:20	[signature]	5/22/13 14:20
Relinquished by:	Date/Time	Received by:	Date/Time

Sample receipt info:

Total # of containers:

Condition (temp, °C)

Seals (intact?, Y/N)

Comments:

Turnaround time:

Same day O

24 hr O

48 hr O

Standard X

ADVANCED ANALYTICAL

Chain of Custody Record

Laboratory Job #:

2821 152 Avenue NE
Redmond, WA 98052
(425) 497-0110 fax: (425) 497-8089
aachemlab@yahoo.com

Client:

Project Name:

Project Manager:

Project Number:

Address:

Collector:

Phone: Fax:

Date of collection:

	Sample ID	Time	Matrix	Container type	8260 Volatiles	8021B Volatiles	BTEX	BTEX/NWTPH-Gx	NWTPH-Gx	NWTPH-Dx	NWTPH-HCID	8270 Semivolatiles	8270 PAH	8082 PCBs	8081 Pesticides	RCRA 8 Metals	Lead	MTCA 5			Notes, comments	# of containers
1	FM30-1																					
2	" 2								X	X							X					
3	FC15-1																					
4	" 2																					
5	F30-1																					
6	" 2																					
7																						
8																						
9																						
10																						
11																						
12																						

Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	5-22-13 1910	[signature]	5/22/13 1910
Relinquished by:	Date/Time	Received by:	Date/Time

Sample receipt info:

Total # of containers:

Condition (temp, °C)

Seals (intact?, Y/N)

Comments:

Turnaround time:

Same day O

24 hr O

48 hr O

Standard X

ADVANCED ANALYTICAL

Chain of Custody Record

Laboratory Job #: B30613-1

2821 152 Avenue NE
Redmond, WA 98052
(425) 497-0110 fax: (425) 497-8089
aachemlab@yahoo.com

Client: Aeatech

Project Manager: Michael W McGowan Natural Ecology

Address: 19600 Int'l Blvd # 101, Seattle 98188

Phone: 425-686-0072 Fax: 206-429-3594

Project Name: Dunkin Diesel Service

Project Number:

Collector: Michael W McGowan

Date of collection: 6-13-13

	Sample ID	Time	Matrix	Container type	8260 Volatiles	8021B Volatiles	BTEX	BTEX/NWTPH-Gx	NWTPH-Gx	NWTPH-Dx	NWTPH-HCID	8270 Semivolatiles	8270 PAH	8082 PCBs	8081 Pesticides	RCRA 8 Metals	~~Lead~~ Dissolved	MTCA-5-Dis	Dissolved	Notes, comments	# of containers
1	W-1 (A-B-C-D)	9:01	W	Ph													X			GW taken	
2	~~Stir~~																			from each	
3	test only A																			pit	
4																				4 bottle	
5																				(small)	
6																				A-B-C-D	
7																					
8																					
9																					
10																					
11																					
12																					

Relinquished by:	Date/Time	Received by:	Date/Time
M W McGowan	6-13-13 10:10	V Duong	6/13/13 10:10
Relinquished by:	Date/Time	Received by:	Date/Time

Sample receipt info:

Total # of containers:

Condition (temp. °C)

Seals (intact?, Y/N)

Comments:

Turnaround time:

- Same day ○
- 24 hr ○
- 48 hr ○
- Standard ☒