



State of Oregon Department of Environmental Quality
Initial Twenty Day Report Form
Leaking Underground Storage Tank Program

This report is due twenty (20) days from the date of release. Keep a copy of this report with your facility records.

DEQ Project No. _____

DEQ Facility ID No. _____

Project Name: _____

Project Address: _____

Initial Cleanup Information

1. Type of contamination (check ☒ all that apply):
- | | | | |
|----------|--------|-----------|-------------|
| Gasoline | Diesel | Waste Oil | Heating Oil |
|----------|--------|-----------|-------------|
- Other (specify) _____
2. Estimate quantity of release (based on information known to date, select only one):
- | | | | | |
|-----------|--------------|--------------|------------------|-------------|
| <100 gal. | 100-499 gal. | 500-999 gal. | 1,000-5,000 gal. | >5,000 gal. |
|-----------|--------------|--------------|------------------|-------------|

Site Information (check ☒ yes or ☒ no)

3. **Y** **N** Did any water enter the excavation? If yes, please describe and identify the depth to groundwater in feet below ground surface: _____
4. **Y** **N** Was a sheen or odor observed on any water in the excavation?

Note: If groundwater is encountered, soil samples from the soil/water interface must be collected and analyzed for BTEX and by the appropriate TPH method.

At sites where diesel or other non-gasoline products have been released, the water may also have to be screened or tested for polynuclear aromatic hydrocarbons (PAHs). *Please refer to [OAR 340-122-0218](#).*

5. **Y** **N** Was water pumped from the excavation?
- Y** **N** If yes, did groundwater recharge within 24 hours after pumping?

Please describe the pumping procedure and disposal option selected for the purged excavation water:

6. **Y** **N** Were any water samples collected from the excavation? If yes, please describe.

7. **Y** **N** Have any soil and/or water sample results been received at this time? **If so, please attach any lab reports.**

If groundwater has been encountered, please answer questions #8-13, below.

If no water has been encountered, please skip to question #14.

8. What are the known uses of groundwater within a 500-foot radius of the release site (check ☒ all that apply)?

non-use

industrial

agricultural

drinking supply

9. If groundwater in this area is being used as a drinking water supply, please check ☒ the type and size of population served by the supply:

Community (community well used for drinking water year round, select only one)

size: <1,000 people

1,000 - 5,000 people

>5,000 people

Intermittent use (public water used for drinking water only on a part-time basis, select only one)

size: <50 people

50 - 300 people

> 300 people

Private wells (individual private well or wells used for drinking water, select only one)

size: <10 people

10 - 25 people

>25 people

10. **Y** **N** Is there any evidence this water supply has been or is likely to be impacted from the petroleum product release? If yes, estimate how difficult it would be to replace the existing supply:

bottled water is the only alternative

on-site water treatment; bulk water delivery; new wells are available

able to connect to existing water supply

do not know what alternatives would be available

11. **Y** **N** Are/were vapors present in on-site or nearby buildings? If yes:

A. Are you monitoring and/or mitigating any potential fire and safety hazards posed by vapors and free product? Explain: _____

B. Estimate the number of people potentially affected by vapors – • select only one:

1-2 people

3-10 people

>10 people

12. **Y** **N** Are vapors or is petroleum contamination present in the utility corridors?

If yes, please explain:

13. **Y** **N** Are natural areas located within 1/4 mile of the site? If so, please describe types (parks, rivers, wetlands, sensitive habitats, etc.) and proximity:

14. **Y** **N** If groundwater was not encountered in the excavation, do you believe that this cleanup project can be conducted under the requirements for an UST Cleanup Matrix site? If yes, then refer to [OAR 340-122-0305](#) through [0360](#).

Area Site Conditions

15. Mean annual rainfall: <20 inches 20-45 inches >45 inches
16. Soil type(s) of the naturally occurring soils, not the backfill around the tank, select only one:

clays, compact tills, shales, and unfractured metamorphic and igneous rocks

sandy loams, loamy sands, silty clays, clay loams, moderately permeable limestone, dolomite, sandstones, moderately fractured igneous and metamorphic rock

fine and silty sands, sands and gravels, highly fractured igneous and metamorphic rock, permeable basalts and lavas, karst limestones and dolomites

Soil Management

17. If soil sample results have been received:
- Y** **N** Will the level of contamination detected require removal of contaminated soil for treatment or disposal?
18. All contaminated soil temporarily stockpiled on-site prior to treatment or disposal must be contained within a bermed area, kept covered, and the entire area secured to prevent unauthorized access by the public. If you haven't done this, please explain why:

Note: It is a violation to stockpile petroleum contaminated soil (PCS) on-site for greater than 30 days without a DEQ [Solid Waste Letter Authorization \(SWLA\) Permit](#).

19. If contaminated soil is currently stockpiled on-site, please indicate when disposal will occur or when treatment will begin:
20. Estimated volume of contaminated soil (specify tons or cubic yards):
21. Intended disposition of soils (select only one):

On-site/off-site treatment, Solid Waste Letter Authorization Permit Application attached.

Thermal treatment off-site at an authorized facility.

Facility name: _____

Landfill disposal.

Landfill name: _____

Note: Please attach additional information as necessary to explain any unusual circumstances associated with this project.

This initial report is intended to provide the Department with the basic initial information about activities associated with the release. Future reports should provide a more detailed and complete picture of the cleanup project.

Please be aware that a DEQ permit/authorization is required for the following activities:

- 1) Soil aeration, bioremediation (on-site or off-site), or on-site thermal treatment.
- 2) Water discharges to a stream/storm drain from the excavation or treatment tank.

If these activities will be included in your cleanup project, contact the [regional DEQ office](#) for the appropriate application forms, information on permit fees and guidance documents.

This report was prepared by:

Individual: _____ Date: _____
 Company: _____ Phone: _____
 Address: _____
 City: _____ State: _____ Zip: _____

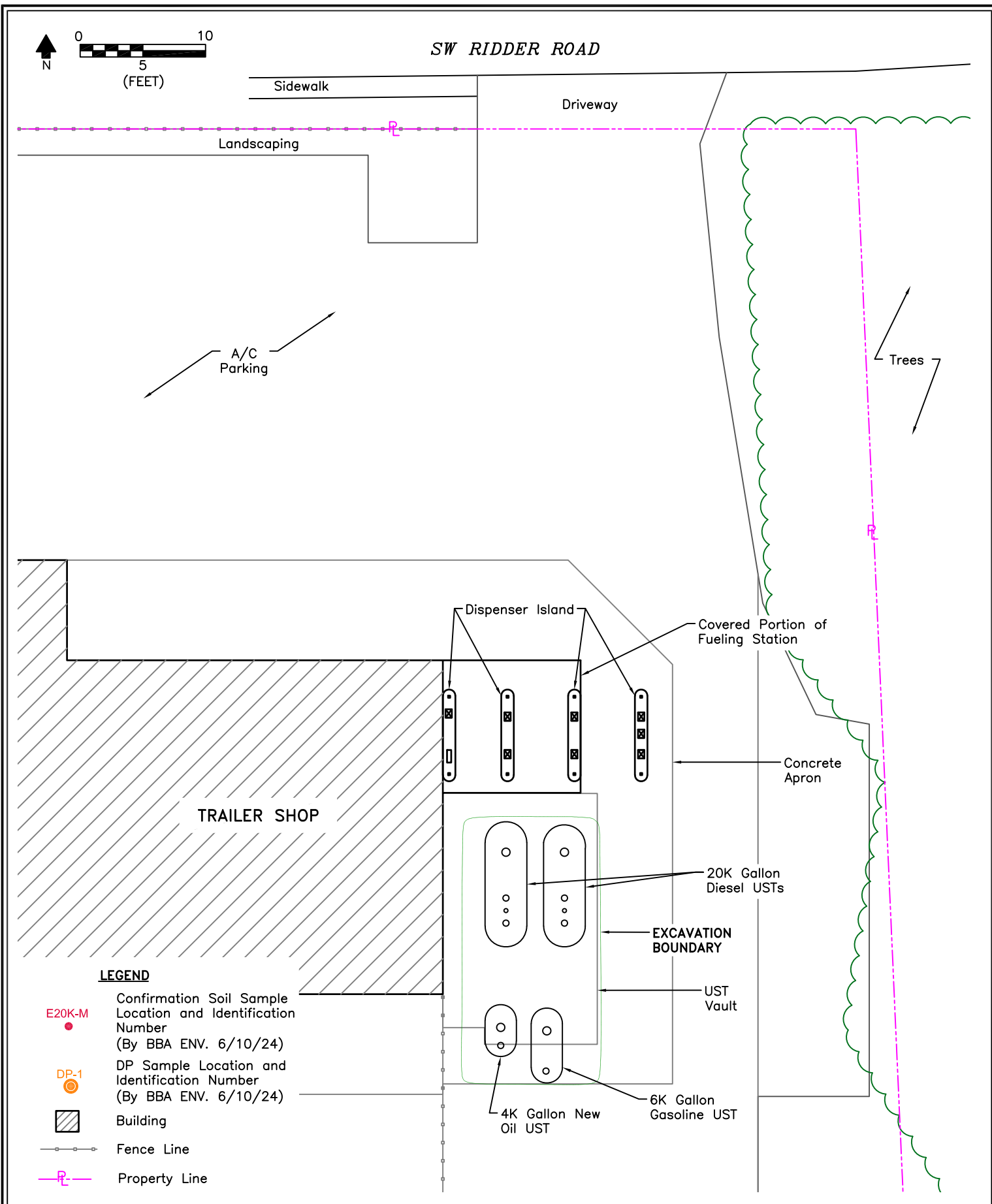
1. Return this form to the regional office in which the site is located or by emailing info.lust@deq.oregon.gov.
2. For all tanks, **except heating oil tanks**, you must submit an [UST Decommissioning Checklist and Site Assessment Report](#) to the appropriate regional office **within 30 days** of the UST decommissioning. Failure to do so can result in delays to your project and may result in continued billing for the annual tank permit fees.
3. Copies of the LUST Cleanup Manual and other guidance can be viewed and downloaded from the [Leaking Underground Storage Tank Cleanup Guidance](#) web page.
4. For Program assistance Contact the [DEQ regional office](#).

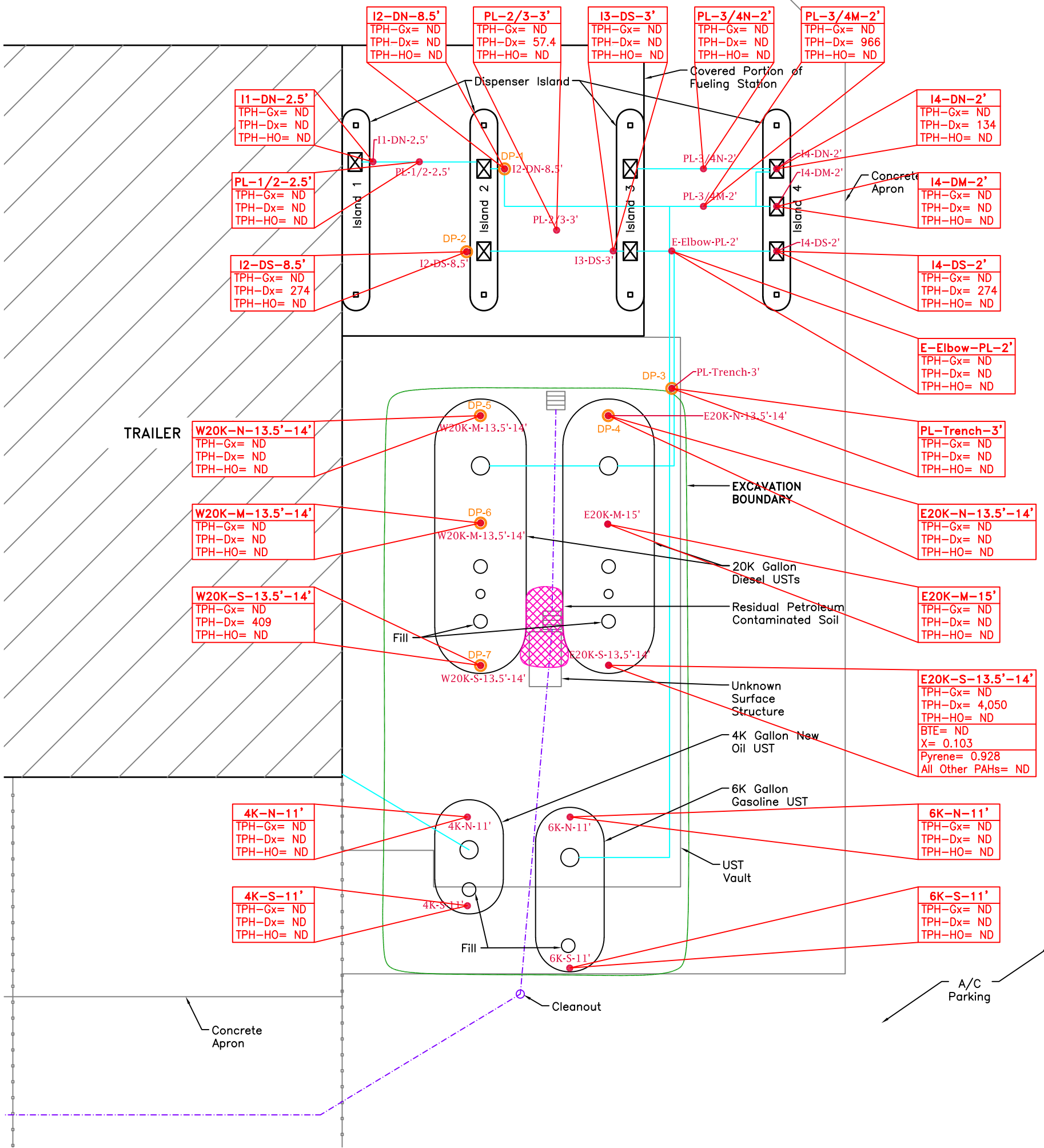
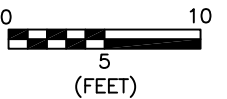
Translation or other formats

[Español](#) | [한국어](#) | [繁體中文](#) | [Русский](#) | [Tiếng Việt](#) | [العربية](#)
 800-452-4011 | TTY: 711 | deqinfo@deq.oregon.gov

Non-discrimination statement

DEQ does not discriminate on the basis of race, color, national origin, disability, age or sex in administration of its programs or activities. Visit DEQ's [Civil Rights and Environmental Justice page](#).





LEGEND

Total Petroleum Hydrocarbons per Northwest Methods
NWTPH-Gx (Gasoline), NWTPH-Dx (Diesel), & NWTPH-HO (Heavy Oil);
BTEX (Volatile Organic Compounds (VOCs)) per EPA Method 8260B;
Polyaromatic Hydrocarbons (PAHs) per EPA Method 8270SIM;
Units in parts per million (ppm);
ND= Not Detected

- I1-DN-2.5'
 - DP-1
 - ▨ Building
 - Fence Line
 - ▤ Catch Basin
 - Stormwater Line
- Confirmation Soil Sample Location and Identification Number (By BBA ENV. 6/10/24)
- DP Sample Location and Identification Number (By BBA ENV. 6/10/24)

E20K-S-13.5'-14'
TPH-Gx= ND
TPH-Dx= 4,050
TPH-HO= ND
BTEX= ND
X= 0.103
Pyrene= 0.928
All Other PAHs= ND

DEFINITIONS:

- A/C Asphalt Concrete
- MO Motor Oil
- HO Hydraulic Oil
- HS High Sulfur Diesel
- WO Waste Oil
- DW Double Wall
- ATF Automatic Transmission Fluid
- AF Antifreeze



EUGENE OFFICE
32986 Roberts Ct.
Coburg, OR
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PORTLAND OFFICE
25195 SW Parkway Ave., #207
Wilsonville, OR
ph: 503.570.9484

www.BBAENV.COM

SITE PLAN SHOWING SOIL ANALYTICAL DATA
INTERSTATE DISTRIBUTOR COMPANY
10110 SW RIDDER ROAD, WILSONVILLE, OREGON

PROJECT CODE:
IDC01DEC.24UC

DATE:
07/05/24

SCALE:
1"=30'

DRAWN:
K.D.DESIGNS

CHECKED:
STEPHEN OMO

FIGURE #:

4



ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

Wednesday, July 3, 2024

Steve Omo

BB&A Environmental - Wilsonville

25195 SW Parkway Ave, Suite #207

Wilsonville, OR 97070

RE: A4F0906 - R McLean Wilsonville - IDC01DEC.24UC

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

Enclosed are the results of analyses for work order A4F0906, which was received by the laboratory on 6/6/2024 at 8:00:00AM.

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

Please note: All samples will be disposed of within 30 days of sample receipt, unless prior arrangements have been made.

Cooler Receipt Information

Acceptable Receipt Temperature is less than, or equal to, 6 degC (not frozen), or received on ice the same day as sampling.

(See Cooler Receipt Form for details)

Default Cooler 3.1 degC

This Final Report is the official version of the data results for this sample submission, unless superseded by a subsequent, labeled amended report.

All other deliverables derived from this data, including Electronic Data Deliverables (EDDs), CLP-like forms, client requested summary sheets, and all other products are considered secondary to this report.



Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

Darrell Auvil, Client Services Manager

**ANALYTICAL REPORT****AMENDED REPORT****Apex Laboratories, LLC**

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville

25195 SW Parkway Ave, Suite #207

Wilsonville, OR 97070

Project: **R McLean Wilsonville**

Project Number: IDC01DEC.24UC

Project Manager: Steve Omo

Report ID:

A4F0906 - 07 03 24 0935

ANALYTICAL REPORT FOR SAMPLES**SAMPLE INFORMATION**

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
IDC01-I4-DS-2'	A4F0906-01	Soil	06/04/24 08:00	06/06/24 08:00
IDC01-I4-DM-2'	A4F0906-02	Soil	06/04/24 08:15	06/06/24 08:00
IDC01-I4-DN-2'	A4F0906-03	Soil	06/04/24 08:25	06/06/24 08:00
IDC01-I3-DN-3'	A4F0906-04	Soil	06/04/24 09:35	06/06/24 08:00
IDC01-I3-DS-3'	A4F0906-05	Soil	06/04/24 09:30	06/06/24 08:00
IDC01-I1-DN-2.5'	A4F0906-06	Soil	06/04/24 10:55	06/06/24 08:00
IDC01-E Elbow PL-2'	A4F0906-07	Soil	06/04/24 08:40	06/06/24 08:00
IDC01-PL-3/4N-2'	A4F0906-08	Soil	06/04/24 11:25	06/06/24 08:00
IDC01-PL-3/4M-2'	A4F0906-09	Soil	06/04/24 11:30	06/06/24 08:00
IDC01-PL-2/3-3'	A4F0906-10	Soil	06/04/24 11:15	06/06/24 08:00
IDC01-PL-1/2-2.5'	A4F0906-11	Soil	06/04/24 11:10	06/06/24 08:00
IDC01-E20K-M-15'	A4F0906-12	Soil	06/04/24 17:00	06/06/24 08:00
IDC01-E20K-S-13.5'	A4F0906-13	Soil	06/04/24 17:15	06/06/24 08:00
IDC01-4K-N-11'	A4F0906-14	Soil	06/05/24 15:40	06/06/24 08:00
IDC01-4K-S-11'	A4F0906-15	Soil	06/05/24 15:30	06/06/24 08:00
IDC01-6K-S-11'	A4F0906-16	Soil	06/05/24 17:00	06/06/24 08:00
IDC01-6K-N-11'	A4F0906-17	Soil	06/05/24 17:10	06/06/24 08:00
IDC01-COMP1	A4F0906-18	Soil	06/05/24 16:00	06/06/24 08:00
IDC01-COMP2	A4F0906-19	Soil	06/05/24 16:05	06/06/24 08:00

Apex Laboratories

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Darrell Auvil, Client Services Manager

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AMENDED REPORT

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BB&A Environmental - Wilsonville

25195 SW Parkway Ave, Suite #207

Wilsonville, OR 97070

Project: R McLean Wilsonville

Project Number: IDC01DEC.24UC

Project Manager: Steve Omo

Report ID:

A4F0906 - 07 03 24 0935

ANALYTICAL CASE NARRATIVE

Work Order: **A4F0906**

Apex Laboratories

Amended Report Revision 1:

This report supersedes all previous reports.

A partial final report was sent to the client on 6/20/2024. This report includes all data for the samples received and logged in under work order A4F0906.

Darrell Auvil
Client Services Manager
6/27/2028

Apex Laboratories

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Project Manager: Steve Omo

Report ID:

A4F0906 - 07 03 24 0935

ANALYTICAL SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
IDC01-I4-DS-2' (A4F0906-01)				Matrix: Soil		Batch: 24F0240		
Gasoline Range Organics	ND	---	24.6	mg/kg dry	1	06/08/24 04:19	NWTPH-HCID	
Diesel Range Organics	ND	---	61.6	mg/kg dry	1	06/08/24 04:19	NWTPH-HCID	
Oil Range Organics	ND	---	123	mg/kg dry	1	06/08/24 04:19	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Recovery:	86 %	Limits: 50-150 %	1	06/08/24 04:19	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			81 %	50-150 %	1	06/08/24 04:19	NWTPH-HCID	
IDC01-I4-DM-2' (A4F0906-02)				Matrix: Soil		Batch: 24F0240		
Gasoline Range Organics	ND	---	22.1	mg/kg dry	1	06/07/24 22:01	NWTPH-HCID	
Diesel Range Organics	ND	---	55.3	mg/kg dry	1	06/07/24 22:01	NWTPH-HCID	
Oil Range Organics	ND	---	111	mg/kg dry	1	06/07/24 22:01	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Recovery:	96 %	Limits: 50-150 %	1	06/07/24 22:01	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			92 %	50-150 %	1	06/07/24 22:01	NWTPH-HCID	
IDC01-I4-DN-2' (A4F0906-03)				Matrix: Soil		Batch: 24F0240		
Gasoline Range Organics	ND	---	24.7	mg/kg dry	1	06/07/24 22:25	NWTPH-HCID	
Diesel Range Organics	DET	---	61.8	mg/kg dry	1	06/07/24 22:25	NWTPH-HCID	F-11
Oil Range Organics	ND	---	124	mg/kg dry	1	06/07/24 22:25	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Recovery:	100 %	Limits: 50-150 %	1	06/07/24 22:25	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			97 %	50-150 %	1	06/07/24 22:25	NWTPH-HCID	
IDC01-I3-DN-3' (A4F0906-04)				Matrix: Soil		Batch: 24F0240		
Gasoline Range Organics	ND	---	23.5	mg/kg dry	1	06/07/24 22:48	NWTPH-HCID	
Diesel Range Organics	DET	---	58.7	mg/kg dry	1	06/07/24 22:48	NWTPH-HCID	F-11
Oil Range Organics	ND	---	117	mg/kg dry	1	06/07/24 22:48	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Recovery:	96 %	Limits: 50-150 %	1	06/07/24 22:48	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			91 %	50-150 %	1	06/07/24 22:48	NWTPH-HCID	
IDC01-I3-DS-3' (A4F0906-05)				Matrix: Soil		Batch: 24F0240		
Gasoline Range Organics	ND	---	23.7	mg/kg dry	1	06/07/24 23:12	NWTPH-HCID	
Diesel Range Organics	ND	---	59.3	mg/kg dry	1	06/07/24 23:12	NWTPH-HCID	
Oil Range Organics	ND	---	119	mg/kg dry	1	06/07/24 23:12	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Recovery:	99 %	Limits: 50-150 %	1	06/07/24 23:12	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			97 %	50-150 %	1	06/07/24 23:12	NWTPH-HCID	
IDC01-I1-DN-2.5' (A4F0906-06)				Matrix: Soil		Batch: 24F0240		

Apex Laboratories

Darrell Auvil, Client Services Manager

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Project: **R McLean Wilsonville**

Project Number: IDC01DEC.24UC

Project Manager: Steve Omo

Report ID:

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ANALYTICAL SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
IDC01-I1-DN-2.5' (A4F0906-06)				Matrix: Soil		Batch: 24F0240		
Gasoline Range Organics	ND	---	23.3	mg/kg dry	1	06/07/24 23:36	NWTPH-HCID	
Diesel Range Organics	ND	---	58.1	mg/kg dry	1	06/07/24 23:36	NWTPH-HCID	
Oil Range Organics	ND	---	116	mg/kg dry	1	06/07/24 23:36	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Recovery:	95 %	Limits: 50-150 %	1	06/07/24 23:36	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			90 %	50-150 %	1	06/07/24 23:36	NWTPH-HCID	
IDC01-E Elbow PL-2' (A4F0906-07)				Matrix: Soil		Batch: 24F0240		
Gasoline Range Organics	ND	---	21.9	mg/kg dry	1	06/07/24 23:59	NWTPH-HCID	
Diesel Range Organics	ND	---	54.8	mg/kg dry	1	06/07/24 23:59	NWTPH-HCID	
Oil Range Organics	ND	---	110	mg/kg dry	1	06/07/24 23:59	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Recovery:	95 %	Limits: 50-150 %	1	06/07/24 23:59	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			86 %	50-150 %	1	06/07/24 23:59	NWTPH-HCID	
IDC01-PL-3/4N-2' (A4F0906-08)				Matrix: Soil		Batch: 24F0240		
Gasoline Range Organics	ND	---	23.0	mg/kg dry	1	06/08/24 00:23	NWTPH-HCID	
Diesel Range Organics	ND	---	57.4	mg/kg dry	1	06/08/24 00:23	NWTPH-HCID	
Oil Range Organics	ND	---	115	mg/kg dry	1	06/08/24 00:23	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Recovery:	96 %	Limits: 50-150 %	1	06/08/24 00:23	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			89 %	50-150 %	1	06/08/24 00:23	NWTPH-HCID	
IDC01-PL-3/4M-2' (A4F0906-09)				Matrix: Soil		Batch: 24F0240		
Gasoline Range Organics	ND	---	25.1	mg/kg dry	1	06/08/24 05:06	NWTPH-HCID	
Diesel Range Organics	DET	---	62.8	mg/kg dry	1	06/08/24 05:06	NWTPH-HCID	F-11
Oil Range Organics	ND	---	126	mg/kg dry	1	06/08/24 05:06	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Recovery:	104 %	Limits: 50-150 %	1	06/08/24 05:06	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			98 %	50-150 %	1	06/08/24 05:06	NWTPH-HCID	
IDC01-PL-2/3-3' (A4F0906-10)				Matrix: Soil		Batch: 24F0240		
Gasoline Range Organics	ND	---	22.8	mg/kg dry	1	06/08/24 00:47	NWTPH-HCID	
Diesel Range Organics	DET	---	57.0	mg/kg dry	1	06/08/24 00:47	NWTPH-HCID	F-11
Oil Range Organics	ND	---	114	mg/kg dry	1	06/08/24 00:47	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Recovery:	99 %	Limits: 50-150 %	1	06/08/24 00:47	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			92 %	50-150 %	1	06/08/24 00:47	NWTPH-HCID	
IDC01-PL-1/2-2.5' (A4F0906-11)				Matrix: Soil		Batch: 24F0240		

Apex Laboratories

Darrell Auvil, Client Services Manager

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AMENDED REPORT

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Project Number: IDC01DEC.24UC

Project Manager: Steve Omo

Report ID:

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ANALYTICAL SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
IDC01-PL-1/2-2.5' (A4F0906-11)				Matrix: Soil		Batch: 24F0240		
Gasoline Range Organics	ND	---	22.5	mg/kg dry	1	06/08/24 01:10	NWTPH-HCID	
Diesel Range Organics	ND	---	56.3	mg/kg dry	1	06/08/24 01:10	NWTPH-HCID	
Oil Range Organics	ND	---	113	mg/kg dry	1	06/08/24 01:10	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Recovery:	92 %	Limits: 50-150 %	1	06/08/24 01:10	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			87 %	50-150 %	1	06/08/24 01:10	NWTPH-HCID	
IDC01-E20K-M-15' (A4F0906-12)				Matrix: Soil		Batch: 24F0240		
Gasoline Range Organics	ND	---	23.5	mg/kg dry	1	06/08/24 01:34	NWTPH-HCID	
Diesel Range Organics	ND	---	58.8	mg/kg dry	1	06/08/24 01:34	NWTPH-HCID	
Oil Range Organics	ND	---	118	mg/kg dry	1	06/08/24 01:34	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Recovery:	93 %	Limits: 50-150 %	1	06/08/24 01:34	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			79 %	50-150 %	1	06/08/24 01:34	NWTPH-HCID	
IDC01-E20K-S-13.5' (A4F0906-13)				Matrix: Soil		Batch: 24F0240		
Gasoline Range Organics	ND	---	23.7	mg/kg dry	1	06/08/24 01:58	NWTPH-HCID	
Diesel Range Organics	DET	---	59.1	mg/kg dry	1	06/08/24 01:58	NWTPH-HCID	
Oil Range Organics	ND	---	118	mg/kg dry	1	06/08/24 01:58	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Recovery:	123 %	Limits: 50-150 %	1	06/08/24 01:58	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			108 %	50-150 %	1	06/08/24 01:58	NWTPH-HCID	
IDC01-4K-N-11' (A4F0906-14)				Matrix: Soil		Batch: 24F0240		
Gasoline Range Organics	ND	---	25.3	mg/kg dry	1	06/08/24 02:21	NWTPH-HCID	
Diesel Range Organics	ND	---	63.3	mg/kg dry	1	06/08/24 02:21	NWTPH-HCID	
Oil Range Organics	ND	---	127	mg/kg dry	1	06/08/24 02:21	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Recovery:	99 %	Limits: 50-150 %	1	06/08/24 02:21	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			81 %	50-150 %	1	06/08/24 02:21	NWTPH-HCID	
IDC01-4K-S-11' (A4F0906-15)				Matrix: Soil		Batch: 24F0240		
Gasoline Range Organics	ND	---	26.2	mg/kg dry	1	06/08/24 02:44	NWTPH-HCID	
Diesel Range Organics	ND	---	65.4	mg/kg dry	1	06/08/24 02:44	NWTPH-HCID	
Oil Range Organics	ND	---	131	mg/kg dry	1	06/08/24 02:44	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Recovery:	99 %	Limits: 50-150 %	1	06/08/24 02:44	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			78 %	50-150 %	1	06/08/24 02:44	NWTPH-HCID	
IDC01-6K-S-11' (A4F0906-16)				Matrix: Soil		Batch: 24F0240		

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AMENDED REPORT

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Tigard, OR 97223

503-718-2323

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BB&A Environmental - Wilsonville

25195 SW Parkway Ave, Suite #207

Wilsonville, OR 97070

Project: **R McLean Wilsonville**

Project Number: IDC01DEC.24UC

Project Manager: Steve Omo

Report ID:

A4F0906 - 07 03 24 0935

ANALYTICAL SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
IDC01-6K-S-11' (A4F0906-16)				Matrix: Soil		Batch: 24F0240		
Gasoline Range Organics	ND	---	24.6	mg/kg dry	1	06/08/24 03:08	NWTPH-HCID	
Diesel Range Organics	ND	---	61.4	mg/kg dry	1	06/08/24 03:08	NWTPH-HCID	
Oil Range Organics	ND	---	123	mg/kg dry	1	06/08/24 03:08	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Recovery:	91 %	Limits:	50-150 %	1	06/08/24 03:08	NWTPH-HCID
4-Bromofluorobenzene (Surr)			80 %		50-150 %	1	06/08/24 03:08	NWTPH-HCID
IDC01-6K-N-11' (A4F0906-17)				Matrix: Soil		Batch: 24F0240		
Gasoline Range Organics	ND	---	26.9	mg/kg dry	1	06/08/24 03:32	NWTPH-HCID	
Diesel Range Organics	ND	---	67.2	mg/kg dry	1	06/08/24 03:32	NWTPH-HCID	
Oil Range Organics	ND	---	134	mg/kg dry	1	06/08/24 03:32	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Recovery:	89 %	Limits:	50-150 %	1	06/08/24 03:32	NWTPH-HCID
4-Bromofluorobenzene (Surr)			76 %		50-150 %	1	06/08/24 03:32	NWTPH-HCID
IDC01-COMP1 (A4F0906-18)				Matrix: Soil		Batch: 24F0213		
Gasoline Range Organics	ND	---	21.6	mg/kg dry	1	06/06/24 23:44	NWTPH-HCID	
Diesel Range Organics	ND	---	54.1	mg/kg dry	1	06/06/24 23:44	NWTPH-HCID	
Oil Range Organics	DET	---	108	mg/kg dry	1	06/06/24 23:44	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Recovery:	89 %	Limits:	50-150 %	1	06/06/24 23:44	NWTPH-HCID
4-Bromofluorobenzene (Surr)			89 %		50-150 %	1	06/06/24 23:44	NWTPH-HCID
IDC01-COMP2 (A4F0906-19)				Matrix: Soil		Batch: 24F0213		
Gasoline Range Organics	ND	---	20.5	mg/kg dry	1	06/07/24 00:05	NWTPH-HCID	
Diesel Range Organics	ND	---	51.4	mg/kg dry	1	06/07/24 00:05	NWTPH-HCID	
Oil Range Organics	ND	---	103	mg/kg dry	1	06/07/24 00:05	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Recovery:	95 %	Limits:	50-150 %	1	06/07/24 00:05	NWTPH-HCID
4-Bromofluorobenzene (Surr)			95 %		50-150 %	1	06/07/24 00:05	NWTPH-HCID

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Project Manager: Steve Omo

Report ID:

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ANALYTICAL SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
IDC01-I4-DN-2' (A4F0906-03)				Matrix: Soil		Batch: 24F0567		
Diesel	134	---	23.0	mg/kg dry	1	06/17/24 21:47	NWTPH-Dx	F-11, Q-39, Q-42
Oil	ND	---	46.0	mg/kg dry	1	06/17/24 21:47	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		Recovery: 82 %		Limits: 50-150 %	1	06/17/24 21:47	NWTPH-Dx	
IDC01-I3-DN-3' (A4F0906-04)				Matrix: Soil		Batch: 24F0567		
Diesel	695	---	22.0	mg/kg dry	1	06/18/24 09:14	NWTPH-Dx	F-11
Oil	ND	---	43.9	mg/kg dry	1	06/18/24 09:14	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		Recovery: 88 %		Limits: 50-150 %	1	06/18/24 09:14	NWTPH-Dx	
IDC01-PL-3/4M-2' (A4F0906-09)				Matrix: Soil		Batch: 24F0567		
Diesel	966	---	22.8	mg/kg dry	1	06/18/24 10:01	NWTPH-Dx	F-11
Oil	ND	---	45.6	mg/kg dry	1	06/18/24 10:01	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		Recovery: 73 %		Limits: 50-150 %	1	06/18/24 10:01	NWTPH-Dx	
IDC01-PL-2/3-3' (A4F0906-10)				Matrix: Soil		Batch: 24F0567		
Diesel	57.4	---	21.7	mg/kg dry	1	06/18/24 06:30	NWTPH-Dx	F-11
Oil	ND	---	43.5	mg/kg dry	1	06/18/24 06:30	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		Recovery: 80 %		Limits: 50-150 %	1	06/18/24 06:30	NWTPH-Dx	
IDC01-E20K-S-13.5' (A4F0906-13RE1)				Matrix: Soil		Batch: 24F0567		
Diesel	4050	---	115	mg/kg dry	5	06/18/24 15:54	NWTPH-Dx	S-05
Oil	ND	---	229	mg/kg dry	5	06/18/24 15:54	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		Recovery: 85 %		Limits: 50-150 %	5	06/18/24 15:54	NWTPH-Dx	
IDC01-COMP1 (A4F0906-18)				Matrix: Soil		Batch: 24F0171		
Diesel	ND	---	19.6	mg/kg dry	1	06/06/24 21:42	NWTPH-Dx	
Oil	43.4	---	39.3	mg/kg dry	1	06/06/24 21:42	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		Recovery: 89 %		Limits: 50-150 %	1	06/06/24 21:42	NWTPH-Dx	
IDC01-COMP2 (A4F0906-19RE1)				Matrix: Soil		Batch: 24F0171		
Diesel	ND	---	19.3	mg/kg dry	1	06/07/24 08:25	NWTPH-Dx	F-26
Oil	ND	---	38.6	mg/kg dry	1	06/07/24 08:25	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		Recovery: 96 %		Limits: 50-150 %	1	06/07/24 08:25	NWTPH-Dx	

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Wilsonville, OR 97070

Project: **R McLean Wilsonville**Project Number: **IDC01DEC.24UC**Project Manager: **Steve Omo****Report ID:****A4F0906 - 07 03 24 0935**

ANALYTICAL SAMPLE RESULTS

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
IDC01-COMP1 (A4F0906-18)				Matrix: Soil		Batch: 24F0185		V-15
Gasoline Range Organics	ND	---	5.69	mg/kg dry	50	06/06/24 16:06	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery:	94 %	Limits: 50-150 %	1	06/06/24 16:06	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			107 %	50-150 %	1	06/06/24 16:06	NWTPH-Gx (MS)	
IDC01-COMP2 (A4F0906-19)				Matrix: Soil		Batch: 24F0185		V-15
Gasoline Range Organics	35.0	---	5.17	mg/kg dry	50	06/06/24 16:33	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery:	96 %	Limits: 50-150 %	1	06/06/24 16:33	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			107 %	50-150 %	1	06/06/24 16:33	NWTPH-Gx (MS)	

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Project Manager: Steve Omo

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ANALYTICAL SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
IDC01-E20K-S-13.5' (A4F0906-13)				Matrix: Soil		Batch: 24F0834		H-01
Benzene	ND	---	11.7	ug/kg dry	50	06/25/24 20:02	5035A/8260D	
Toluene	ND	---	58.6	ug/kg dry	50	06/25/24 20:02	5035A/8260D	
Ethylbenzene	ND	---	29.3	ug/kg dry	50	06/25/24 20:02	5035A/8260D	
Xylenes, total	103	---	87.9	ug/kg dry	50	06/25/24 20:02	5035A/8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery:	101 %	Limits:	80-120 %	1	06/25/24 20:02	5035A/8260D
Toluene-d8 (Surr)			96 %		80-120 %	1	06/25/24 20:02	5035A/8260D
4-Bromofluorobenzene (Surr)			101 %		79-120 %	1	06/25/24 20:02	5035A/8260D
IDC01-COMP1 (A4F0906-18)				Matrix: Soil		Batch: 24F0185		V-15
Benzene	ND	---	11.4	ug/kg dry	50	06/06/24 16:06	5035A/8260D	
Toluene	ND	---	56.9	ug/kg dry	50	06/06/24 16:06	5035A/8260D	
Ethylbenzene	ND	---	28.4	ug/kg dry	50	06/06/24 16:06	5035A/8260D	
Xylenes, total	ND	---	85.3	ug/kg dry	50	06/06/24 16:06	5035A/8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery:	102 %	Limits:	80-120 %	1	06/06/24 16:06	5035A/8260D
Toluene-d8 (Surr)			100 %		80-120 %	1	06/06/24 16:06	5035A/8260D
4-Bromofluorobenzene (Surr)			101 %		79-120 %	1	06/06/24 16:06	5035A/8260D
IDC01-COMP2 (A4F0906-19)				Matrix: Soil		Batch: 24F0185		V-15
Benzene	ND	---	10.3	ug/kg dry	50	06/06/24 16:33	5035A/8260D	
Toluene	ND	---	51.7	ug/kg dry	50	06/06/24 16:33	5035A/8260D	
Ethylbenzene	52.2	---	25.9	ug/kg dry	50	06/06/24 16:33	5035A/8260D	M-04
Xylenes, total	490	---	77.6	ug/kg dry	50	06/06/24 16:33	5035A/8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery:	103 %	Limits:	80-120 %	1	06/06/24 16:33	5035A/8260D
Toluene-d8 (Surr)			101 %		80-120 %	1	06/06/24 16:33	5035A/8260D
4-Bromofluorobenzene (Surr)			96 %		79-120 %	1	06/06/24 16:33	5035A/8260D

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ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270E (SIM)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
IDC01-E20K-S-13.5' (A4F0906-13)				Matrix: Soil		Batch: 24F0798		H-02
Acenaphthene	ND	---	84.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM	R-02
Acenaphthylene	ND	---	56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM	
Anthracene	ND	---	56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM	
Benz(a)anthracene	ND	---	56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM	
Benzo(a)pyrene	ND	---	56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM	
Benzo(b)fluoranthene	ND	---	56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM	
Benzo(k)fluoranthene	ND	---	56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM	
Benzo(g,h,i)perylene	ND	---	56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM	
Chrysene	ND	---	56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM	
Dibenz(a,h)anthracene	ND	---	56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM	
Fluoranthene	ND	---	56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM	
Fluorene	ND	---	381	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM	R-02
Indeno(1,2,3-cd)pyrene	ND	---	56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM	
Naphthalene	ND	---	56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM	
Phenanthrene	ND	---	56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM	
Pyrene	298	---	56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM	
Surrogate: 2-Fluorobiphenyl (Surr)		Recovery: 72 %		Limits: 44-120 %	5	06/24/24 17:33	EPA 8270E SIM	
p-Terphenyl-d14 (Surr)		67 %		54-127 %	5	06/24/24 17:33	EPA 8270E SIM	

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ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
IDC01-I4-DS-2' (A4F0906-01)				Matrix: Soil		Batch: 24F0232		
% Solids	80.7	---	1.00	%	1	06/10/24 06:52	EPA 8000D	
IDC01-I4-DM-2' (A4F0906-02)				Matrix: Soil		Batch: 24F0232		
% Solids	84.4	---	1.00	%	1	06/10/24 06:52	EPA 8000D	
IDC01-I4-DN-2' (A4F0906-03)				Matrix: Soil		Batch: 24F0232		
% Solids	79.0	---	1.00	%	1	06/10/24 06:52	EPA 8000D	
IDC01-I3-DN-3' (A4F0906-04)				Matrix: Soil		Batch: 24F0232		
% Solids	82.6	---	1.00	%	1	06/10/24 06:52	EPA 8000D	
IDC01-I3-DS-3' (A4F0906-05)				Matrix: Soil		Batch: 24F0232		
% Solids	84.2	---	1.00	%	1	06/10/24 06:52	EPA 8000D	
IDC01-I1-DN-2.5' (A4F0906-06)				Matrix: Soil		Batch: 24F0232		
% Solids	79.6	---	1.00	%	1	06/10/24 06:52	EPA 8000D	
IDC01-E Elbow PL-2' (A4F0906-07)				Matrix: Soil		Batch: 24F0232		
% Solids	85.4	---	1.00	%	1	06/10/24 06:52	EPA 8000D	
IDC01-PL-3/4N-2' (A4F0906-08)				Matrix: Soil		Batch: 24F0232		
% Solids	81.2	---	1.00	%	1	06/10/24 06:52	EPA 8000D	
IDC01-PL-3/4M-2' (A4F0906-09)				Matrix: Soil		Batch: 24F0232		
% Solids	78.4	---	1.00	%	1	06/10/24 06:52	EPA 8000D	
IDC01-PL-2/3-3' (A4F0906-10)				Matrix: Soil		Batch: 24F0232		
% Solids	83.4	---	1.00	%	1	06/10/24 06:52	EPA 8000D	
IDC01-PL-1/2-2.5' (A4F0906-11)				Matrix: Soil		Batch: 24F0232		
% Solids	81.0	---	1.00	%	1	06/10/24 06:52	EPA 8000D	
IDC01-E20K-M-15' (A4F0906-12)				Matrix: Soil		Batch: 24F0232		
% Solids	81.2	---	1.00	%	1	06/10/24 06:52	EPA 8000D	
IDC01-E20K-S-13.5' (A4F0906-13)				Matrix: Soil		Batch: 24F0232		

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Project Manager: Steve Omo

Report ID:

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ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
IDC01-E20K-S-13.5' (A4F0906-13)				Matrix: Soil		Batch: 24F0232		
% Solids	77.8	---	1.00	%	1	06/10/24 06:52	EPA 8000D	
IDC01-4K-N-11' (A4F0906-14)				Matrix: Soil		Batch: 24F0232		
% Solids	76.4	---	1.00	%	1	06/10/24 06:52	EPA 8000D	
IDC01-4K-S-11' (A4F0906-15)				Matrix: Soil		Batch: 24F0232		
% Solids	73.5	---	1.00	%	1	06/10/24 06:52	EPA 8000D	
IDC01-6K-S-11' (A4F0906-16)				Matrix: Soil		Batch: 24F0232		
% Solids	77.2	---	1.00	%	1	06/10/24 06:52	EPA 8000D	
IDC01-6K-N-11' (A4F0906-17)				Matrix: Soil		Batch: 24F0232		
% Solids	70.2	---	1.00	%	1	06/10/24 06:52	EPA 8000D	
IDC01-COMP1 (A4F0906-18)				Matrix: Soil		Batch: 24F0184		
% Solids	90.8	---	1.00	%	1	06/07/24 06:51	EPA 8000D	
IDC01-COMP2 (A4F0906-19)				Matrix: Soil		Batch: 24F0184		
% Solids	93.5	---	1.00	%	1	06/07/24 06:51	EPA 8000D	

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ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville

25195 SW Parkway Ave, Suite #207

Wilsonville, OR 97070

Project: **R McLean Wilsonville**Project Number: **IDC01DEC.24UC**Project Manager: **Steve Omo****Report ID:****A4F0906 - 07 03 24 0935**

QUALITY CONTROL (QC) SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24F0213 - EPA 3546 (Fuels)						Soil						
Blank (24F0213-BLK1)		Prepared: 06/06/24 14:17 Analyzed: 06/06/24 19:14										
NWTPH-HCID												
Gasoline Range Organics	ND	---	20.0	mg/kg wet	1	---	---	---	---	---	---	
Diesel Range Organics	ND	---	50.0	mg/kg wet	1	---	---	---	---	---	---	
Oil Range Organics	ND	---	100	mg/kg wet	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		Recovery: 111 %		Limits: 50-150 %		Dilution: 1x						
4-Bromofluorobenzene (Surr)		111 %		50-150 %		"						

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

Batch 24F0240 - EPA 3546 (Fuels)						Soil					
Blank (24F0240-BLK1)			Prepared: 06/07/24 10:15 Analyzed: 06/07/24 21:38								
NWTPH-HCID											
Gasoline Range Organics	ND	---	20.0	mg/kg wet	1	---	---	---	---	---	---
Diesel Range Organics	ND	---	50.0	mg/kg wet	1	---	---	---	---	---	---
Oil Range Organics	ND	---	100	mg/kg wet	1	---	---	---	---	---	---
Surr: o-Terphenyl (Surr)			Recovery: 92 %	Limits: 50-150 %		Dilution: 1x					
4-Bromofluorobenzene (Surr)			91 %	50-150 %		"					

Duplicate (24F0240-DUP1)				Prepared: 06/07/24 10:15 Analyzed: 06/08/24 04:42							
QC Source Sample: IDC01-I4-DS-2' (A4F0906-01)											
NWTPH-HCID											
Gasoline Range Organics	ND	---	22.9	mg/kg dry	1	---	ND	---	---	---	30%
Diesel Range Organics	ND	---	57.3	mg/kg dry	1	---	ND	---	---	---	30%
Oil Range Organics	ND	---	115	mg/kg dry	1	---	ND	---	---	---	30%
Surr: o-Terphenyl (Surr)			Recovery: 92 %		Limits: 50-150 %		Dilution: 1x				
4-Bromofluorobenzene (Surr)			87 %		50-150 %		"				

Duplicate (24F0240-DUP2)			Prepared: 06/07/24 10:15 Analyzed: 06/08/24 03:55								
<u>QC Source Sample: IDC01-6K-N-11' (A4F0906-17)</u>											
<u>NWTPH-HCID</u>											
Gasoline Range Organics	ND	---	27.8	mg/kg dry	1	---	ND	---	---	---	30%
Diesel Range Organics	ND	---	69.4	mg/kg dry	1	---	ND	---	---	---	30%
Oil Range Organics	ND	---	139	mg/kg dry	1	---	ND	---	---	---	30%

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Project: **R McLean Wilsonville**

Project Number: IDC01DEC.24UC

Project Manager: Steve Omo

Report ID:

A4F0906 - 07 03 24 0935

QUALITY CONTROL (QC) SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24F0240 - EPA 3546 (Fuels)							Soil					
Duplicate (24F0240-DUP2)		Prepared: 06/07/24 10:15 Analyzed: 06/08/24 03:55										
QC Source Sample: IDC01-6K-N-11' (A4F0906-17)												
Surr: o-Terphenyl (Surr)		Recovery: 102 %		Limits: 50-150 %		Dilution: 1x						
4-Bromofluorobenzene (Surr)		86 %		50-150 %		"						

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Project Manager: Steve Omo

Report ID:

A4F0906 - 07 03 24 0935

QUALITY CONTROL (QC) SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24F0171 - EPA 3546 (Fuels)						Soil						
Blank (24F0171-BLK1)		Prepared: 06/06/24 05:05 Analyzed: 06/06/24 08:19										
NWTPH-Dx												
Diesel	ND	---	20.0	mg/kg wet	1	---	---	---	---	---	---	
Oil	ND	---	40.0	mg/kg wet	1	---	---	---	---	---	---	
Mineral Oil	ND	---	40.0	mg/kg wet	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		Recovery: 102 %		Limits: 50-150 %		Dilution: 1x						
LCS (24F0171-BS1)		Prepared: 06/06/24 05:05 Analyzed: 06/06/24 08:41										
NWTPH-Dx												
Diesel	120	---	20.0	mg/kg wet	1	125	---	96	38 - 132%	---	---	
Surr: o-Terphenyl (Surr)		Recovery: 107 %		Limits: 50-150 %		Dilution: 1x						

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

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25195 SW Parkway Ave, Suite #207

Wilsonville, OR 97070

Project: **R McLean Wilsonville**Project Number: **IDC01DEC.24UC**Project Manager: **Steve Omo****Report ID:****A4F0906 - 07 03 24 0935**

QUALITY CONTROL (QC) SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24F0567 - EPA 3546 (Fuels)						Soil						
Blank (24F0567-BLK1)		Prepared: 06/17/24 12:22 Analyzed: 06/17/24 18:21										
NWTPH-Dx												
Diesel	ND	---	20.0	mg/kg wet	1	---	---	---	---	---	---	
Oil	ND	---	40.0	mg/kg wet	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		Recovery: 103 %		Limits: 50-150 %		Dilution: 1x						
LCS (24F0567-BS1)		Prepared: 06/17/24 12:22 Analyzed: 06/17/24 18:41										
NWTPH-Dx												
Diesel	110	---	20.0	mg/kg wet	1	125	---	88	38 - 132%	---	---	
Surr: o-Terphenyl (Surr)		Recovery: 102 %		Limits: 50-150 %		Dilution: 1x						
Duplicate (24F0567-DUP1)		Prepared: 06/17/24 12:22 Analyzed: 06/17/24 22:08										
QC Source Sample: IDC01-I4-DN-2' (A4F0906-03)												
NWTPH-Dx												
Diesel	227	---	21.7	mg/kg dry	1	---	134	---	---	52	30%	F-11, Q-04
Oil	ND	---	43.4	mg/kg dry	1	---	ND	---	---	---	30%	
Surr: o-Terphenyl (Surr)		Recovery: 91 %		Limits: 50-150 %		Dilution: 1x						

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Project Manager: Steve Omo

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A4F0906 - 07 03 24 0935

QUALITY CONTROL (QC) SAMPLE RESULTS

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24F0185 - EPA 5035A						Soil						
Blank (24F0185-BLK1)		Prepared: 06/06/24 09:00 Analyzed: 06/06/24 12:02										
NWTPH-Gx (MS)												
Gasoline Range Organics	ND	---	5.00	mg/kg wet	50	---	---	---	---	---	---	
Surr: 4-Bromofluorobenzene (Sur)		Recovery: 91 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Sur)		106 %		50-150 %		"						
LCS (24F0185-BS2)		Prepared: 06/06/24 09:00 Analyzed: 06/06/24 11:35										
NWTPH-Gx (MS)												
Gasoline Range Organics	23.1	---	5.00	mg/kg wet	50	25.0	---	92	80 - 120%	---	---	
Surr: 4-Bromofluorobenzene (Sur)		Recovery: 91 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Sur)		105 %		50-150 %		"						

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

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Project Number: IDC01DEC.24UC

Project Manager: Steve Omo

Report ID:

A4F0906 - 07 03 24 0935

QUALITY CONTROL (QC) SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24F0185 - EPA 5035A												
Soil												
Blank (24F0185-BLK1)												
Prepared: 06/06/24 09:00 Analyzed: 06/06/24 12:02												
<u>5035A/8260D</u>												
Benzene	ND	---	10.0	ug/kg wet	50	---	---	---	---	---	---	
Toluene	ND	---	50.0	ug/kg wet	50	---	---	---	---	---	---	
Ethylbenzene	ND	---	25.0	ug/kg wet	50	---	---	---	---	---	---	
Xylenes, total	ND	---	75.0	ug/kg wet	50	---	---	---	---	---	---	
<i>Surr: 1,4-Difluorobenzene (Surr)</i>												
<i>Recovery: 103 % Limits: 80-120 % Dilution: 1x</i>												
<i>Toluene-d8 (Surr)</i>												
<i>102 % 80-120 % "</i>												
<i>4-Bromofluorobenzene (Surr)</i>												
<i>100 % 79-120 % "</i>												
LCS (24F0185-BS1)												
Prepared: 06/06/24 09:00 Analyzed: 06/06/24 10:41												
<u>5035A/8260D</u>												
Benzene	1050	---	10.0	ug/kg wet	50	1000	---	105	80 - 120%	---	---	
Toluene	976	---	50.0	ug/kg wet	50	1000	---	98	80 - 120%	---	---	
Ethylbenzene	1010	---	25.0	ug/kg wet	50	1000	---	101	80 - 120%	---	---	
Xylenes, total	3010	---	75.0	ug/kg wet	50	3000	---	100	80 - 120%	---	---	
<i>Surr: 1,4-Difluorobenzene (Surr)</i>												
<i>Recovery: 102 % Limits: 80-120 % Dilution: 1x</i>												
<i>Toluene-d8 (Surr)</i>												
<i>102 % 80-120 % "</i>												
<i>4-Bromofluorobenzene (Surr)</i>												
<i>96 % 79-120 % "</i>												

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

Apex Laboratories

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503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville

25195 SW Parkway Ave, Suite #207

Wilsonville, OR 97070

Project: **R McLean Wilsonville**

Project Number: IDC01DEC.24UC

Project Manager: Steve Omo

Report ID:

A4F0906 - 07 03 24 0935

QUALITY CONTROL (QC) SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24F0834 - EPA 5035A												
Soil												
Blank (24F0834-BLK1)												
Prepared: 06/25/24 09:00 Analyzed: 06/25/24 11:54												
<u>5035A/8260D</u>												
Benzene	ND	---	10.0	ug/kg wet	50	---	---	---	---	---	---	
Toluene	ND	---	50.0	ug/kg wet	50	---	---	---	---	---	---	
Ethylbenzene	ND	---	25.0	ug/kg wet	50	---	---	---	---	---	---	
Xylenes, total	ND	---	75.0	ug/kg wet	50	---	---	---	---	---	---	
<i>Surr: 1,4-Difluorobenzene (Surr)</i>												
<i>Recovery: 102 % Limits: 80-120 % Dilution: 1x</i>												
<i>Toluene-d8 (Surr)</i>												
<i>96 % 80-120 % "</i>												
<i>4-Bromofluorobenzene (Surr)</i>												
<i>99 % 79-120 % "</i>												
LCS (24F0834-BS1)												
Prepared: 06/25/24 09:00 Analyzed: 06/25/24 11:00												
<u>5035A/8260D</u>												
Benzene	1060	---	10.0	ug/kg wet	50	1000	---	106	80 - 120%	---	---	
Toluene	1040	---	50.0	ug/kg wet	50	1000	---	104	80 - 120%	---	---	
Ethylbenzene	1080	---	25.0	ug/kg wet	50	1000	---	108	80 - 120%	---	---	
Xylenes, total	3280	---	75.0	ug/kg wet	50	3000	---	109	80 - 120%	---	---	
<i>Surr: 1,4-Difluorobenzene (Surr)</i>												
<i>Recovery: 100 % Limits: 80-120 % Dilution: 1x</i>												
<i>Toluene-d8 (Surr)</i>												
<i>101 % 80-120 % "</i>												
<i>4-Bromofluorobenzene (Surr)</i>												
<i>99 % 79-120 % "</i>												

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

Apex Laboratories

Darrell Auvil, Client Services Manager

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ORELAP ID: OR100062

BB&A Environmental - Wilsonville

25195 SW Parkway Ave, Suite #207

Wilsonville, OR 97070

Project: **R McLean Wilsonville**Project Number: **IDC01DEC.24UC**Project Manager: **Steve Omo****Report ID:****A4F0906 - 07 03 24 0935**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270E (SIM)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24F0798 - EPA 3546						Soil						
Blank (24F0798-BLK1)		Prepared: 06/24/24 10:00 Analyzed: 06/24/24 15:01										
EPA 8270E SIM												
Acenaphthene	ND	---	10.0	ug/kg wet	1	---	---	---	---	---	---	
Acenaphthylene	ND	---	10.0	ug/kg wet	1	---	---	---	---	---	---	
Anthracene	ND	---	10.0	ug/kg wet	1	---	---	---	---	---	---	
Benz(a)anthracene	ND	---	10.0	ug/kg wet	1	---	---	---	---	---	---	
Benzo(a)pyrene	ND	---	10.0	ug/kg wet	1	---	---	---	---	---	---	
Benzo(b)fluoranthene	ND	---	10.0	ug/kg wet	1	---	---	---	---	---	---	
Benzo(k)fluoranthene	ND	---	10.0	ug/kg wet	1	---	---	---	---	---	---	
Benzo(g,h,i)perylene	ND	---	10.0	ug/kg wet	1	---	---	---	---	---	---	
Chrysene	ND	---	10.0	ug/kg wet	1	---	---	---	---	---	---	
Dibenz(a,h)anthracene	ND	---	10.0	ug/kg wet	1	---	---	---	---	---	---	
Fluoranthene	ND	---	10.0	ug/kg wet	1	---	---	---	---	---	---	
Fluorene	ND	---	10.0	ug/kg wet	1	---	---	---	---	---	---	
Indeno(1,2,3-cd)pyrene	ND	---	10.0	ug/kg wet	1	---	---	---	---	---	---	
Naphthalene	ND	---	10.0	ug/kg wet	1	---	---	---	---	---	---	
Phenanthrene	ND	---	10.0	ug/kg wet	1	---	---	---	---	---	---	
Pyrene	ND	---	10.0	ug/kg wet	1	---	---	---	---	---	---	
Surr: 2-Fluorobiphenyl (Surr)		Recovery: 78 %		Limits: 44-120 %		Dilution: 1x						
p-Terphenyl-d14 (Surr)		76 %		54-127 %		"						

LCS (24F0798-BS1)

Prepared: 06/24/24 10:00 Analyzed: 06/24/24 15:26

EPA 8270E SIM

Acenaphthene	691	---	10.0	ug/kg wet	1	800	---	86	40 - 123%	---	---
Acenaphthylene	633	---	10.0	ug/kg wet	1	800	---	79	32 - 132%	---	---
Anthracene	669	---	10.0	ug/kg wet	1	800	---	84	47 - 123%	---	---
Benz(a)anthracene	644	---	10.0	ug/kg wet	1	800	---	81	49 - 126%	---	---
Benzo(a)pyrene	676	---	10.0	ug/kg wet	1	800	---	85	45 - 129%	---	---
Benzo(b)fluoranthene	643	---	10.0	ug/kg wet	1	800	---	80	45 - 132%	---	---
Benzo(k)fluoranthene	690	---	10.0	ug/kg wet	1	800	---	86	47 - 132%	---	---
Benzo(g,h,i)perylene	606	---	10.0	ug/kg wet	1	800	---	76	43 - 134%	---	---
Chrysene	701	---	10.0	ug/kg wet	1	800	---	88	50 - 124%	---	---
Dibenz(a,h)anthracene	711	---	10.0	ug/kg wet	1	800	---	89	45 - 134%	---	---
Fluoranthene	731	---	10.0	ug/kg wet	1	800	---	91	50 - 127%	---	---
Fluorene	657	---	10.0	ug/kg wet	1	800	---	82	43 - 125%	---	---

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Project: **R McLean Wilsonville**Project Number: **IDC01DEC.24UC**Project Manager: **Steve Omo****Report ID:****A4F0906 - 07 03 24 0935**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270E (SIM)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24F0798 - EPA 3546						Soil						
LCS (24F0798-BS1)		Prepared: 06/24/24 10:00			Analyzed: 06/24/24 15:26							
Indeno(1,2,3-cd)pyrene	670	---	10.0	ug/kg wet	1	800	---	84	45 - 133%	---	---	
Naphthalene	671	---	10.0	ug/kg wet	1	800	---	84	35 - 123%	---	---	
Phenanthrene	666	---	10.0	ug/kg wet	1	800	---	83	50 - 121%	---	---	
Pyrene	734	---	10.0	ug/kg wet	1	800	---	92	47 - 127%	---	---	
Surr: 2-Fluorobiphenyl (Surr)		Recovery: 80 %		Limits: 44-120 %		Dilution: 1x						
p-Terphenyl-d14 (Surr)		75 %		54-127 %		"						

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

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QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24F0184 - Total Solids (Dry Weight) - 2022							Soil					
Duplicate (24F0184-DUP8)		Prepared: 06/06/24 19:25 Analyzed: 06/07/24 06:51										
QC Source Sample: IDC01-COMP1 (A4F0906-18)												
EPA 8000D												
% Solids	89.0	---	1.00	%	1	---	90.8	---	---	2	10%	

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Darrell Auvil, Client Services Manager

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ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville

25195 SW Parkway Ave, Suite #207

Wilsonville, OR 97070

Project: **R McLean Wilsonville**

Project Number: IDC01DEC.24UC

Project Manager: Steve Omo

Report ID:

A4F0906 - 07 03 24 0935

QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24F0232 - Total Solids (Dry Weight) - 2022							Soil					
Duplicate (24F0232-DUP1)		Prepared: 06/07/24 08:23 Analyzed: 06/10/24 06:52										
QC Source Sample: IDC01-I4-DS-2' (A4F0906-01)												
EPA 8000D												
% Solids	78.0	---	1.00	%	1	---	80.7	---	---	3	10%	
Duplicate (24F0232-DUP2)		Prepared: 06/07/24 08:23 Analyzed: 06/10/24 06:52										
QC Source Sample: IDC01-I4-DM-2' (A4F0906-02)												
EPA 8000D												
% Solids	84.6	---	1.00	%	1	---	84.4	---	---	0.2	10%	
Duplicate (24F0232-DUP3)		Prepared: 06/07/24 08:23 Analyzed: 06/10/24 06:52										
QC Source Sample: IDC01-I4-DN-2' (A4F0906-03)												
EPA 8000D												
% Solids	78.0	---	1.00	%	1	---	79.0	---	---	1	10%	

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Darrell Auvil, Client Services Manager

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Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville

25195 SW Parkway Ave, Suite #207

Wilsonville, OR 97070

Project: **R McLean Wilsonville**Project Number: **IDC01DEC.24UC**Project Manager: **Steve Omo****Report ID:****A4F0906 - 07 03 24 0935**

SAMPLE PREPARATION INFORMATION

Hydrocarbon Identification Screen by NWTPH-HCID

Prep: EPA 3546 (Fuels)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 24F0213							
A4F0906-18	Soil	NWTPH-HCID	06/05/24 16:00	06/06/24 15:22	10.18g/10mL	10g/10mL	0.98
A4F0906-19	Soil	NWTPH-HCID	06/05/24 16:05	06/06/24 15:22	10.41g/10mL	10g/10mL	0.96
Batch: 24F0240							
A4F0906-01	Soil	NWTPH-HCID	06/04/24 08:00	06/07/24 10:15	10.06g/10mL	10g/10mL	0.99
A4F0906-02	Soil	NWTPH-HCID	06/04/24 08:15	06/07/24 10:15	10.72g/10mL	10g/10mL	0.93
A4F0906-03	Soil	NWTPH-HCID	06/04/24 08:25	06/07/24 10:15	10.24g/10mL	10g/10mL	0.98
A4F0906-04	Soil	NWTPH-HCID	06/04/24 09:35	06/07/24 10:15	10.3g/10mL	10g/10mL	0.97
A4F0906-05	Soil	NWTPH-HCID	06/04/24 09:30	06/07/24 10:15	10.02g/10mL	10g/10mL	1.00
A4F0906-06	Soil	NWTPH-HCID	06/04/24 10:55	06/07/24 10:15	10.8g/10mL	10g/10mL	0.93
A4F0906-07	Soil	NWTPH-HCID	06/04/24 08:40	06/07/24 10:15	10.69g/10mL	10g/10mL	0.94
A4F0906-08	Soil	NWTPH-HCID	06/04/24 11:25	06/07/24 10:15	10.73g/10mL	10g/10mL	0.93
A4F0906-09	Soil	NWTPH-HCID	06/04/24 11:30	06/07/24 10:15	10.15g/10mL	10g/10mL	0.99
A4F0906-10	Soil	NWTPH-HCID	06/04/24 11:15	06/07/24 10:15	10.51g/10mL	10g/10mL	0.95
A4F0906-11	Soil	NWTPH-HCID	06/04/24 11:10	06/07/24 10:15	10.96g/10mL	10g/10mL	0.91
A4F0906-12	Soil	NWTPH-HCID	06/04/24 17:00	06/07/24 10:15	10.47g/10mL	10g/10mL	0.96
A4F0906-13	Soil	NWTPH-HCID	06/04/24 17:15	06/07/24 10:15	10.87g/10mL	10g/10mL	0.92
A4F0906-14	Soil	NWTPH-HCID	06/05/24 15:40	06/07/24 10:15	10.34g/10mL	10g/10mL	0.97
A4F0906-15	Soil	NWTPH-HCID	06/05/24 15:30	06/07/24 10:15	10.4g/10mL	10g/10mL	0.96
A4F0906-16	Soil	NWTPH-HCID	06/05/24 17:00	06/07/24 10:15	10.54g/10mL	10g/10mL	0.95
A4F0906-17	Soil	NWTPH-HCID	06/05/24 17:10	06/07/24 10:15	10.59g/10mL	10g/10mL	0.94

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Prep: EPA 3546 (Fuels)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 24F0171							
A4F0906-18	Soil	NWTPH-Dx	06/05/24 16:00	06/06/24 17:43	11.21g/5mL	10g/5mL	0.89
A4F0906-19RE1	Soil	NWTPH-Dx	06/05/24 16:05	06/06/24 17:43	11.09g/5mL	10g/5mL	0.90
Batch: 24F0567							
A4F0906-03	Soil	NWTPH-Dx	06/04/24 08:25	06/17/24 12:43	11.02g/5mL	10g/5mL	0.91
A4F0906-04	Soil	NWTPH-Dx	06/04/24 09:35	06/17/24 12:43	11.02g/5mL	10g/5mL	0.91
A4F0906-09	Soil	NWTPH-Dx	06/04/24 11:30	06/17/24 12:43	11.18g/5mL	10g/5mL	0.89
A4F0906-10	Soil	NWTPH-Dx	06/04/24 11:15	06/17/24 12:43	11.02g/5mL	10g/5mL	0.91
A4F0906-13RE1	Soil	NWTPH-Dx	06/04/24 17:15	06/17/24 12:43	11.21g/5mL	10g/5mL	0.89

Apex Laboratories

Darrell Auvil, Client Services Manager

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ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville

25195 SW Parkway Ave, Suite #207

Wilsonville, OR 97070

Project: **R McLean Wilsonville**Project Number: **IDC01DEC.24UC**Project Manager: **Steve Omo****Report ID:****A4F0906 - 07 03 24 0935**

SAMPLE PREPARATION INFORMATION

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Prep: EPA 5035A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 24F0185							
A4F0906-18	Soil	NWTPH-Gx (MS)	06/05/24 16:00	06/06/24 10:44	5.31g/5mL	5g/5mL	0.94
A4F0906-19	Soil	NWTPH-Gx (MS)	06/05/24 16:05	06/06/24 10:44	5.54g/5mL	5g/5mL	0.90

BTEX Compounds by EPA 8260D

Prep: EPA 5035A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 24F0185							
A4F0906-18	Soil	5035A/8260D	06/05/24 16:00	06/06/24 10:44	5.31g/5mL	5g/5mL	0.94
A4F0906-19	Soil	5035A/8260D	06/05/24 16:05	06/06/24 10:44	5.54g/5mL	5g/5mL	0.90
Batch: 24F0834							
A4F0906-13	Soil	5035A/8260D	06/04/24 17:15	06/04/24 17:15	7.25g/5mL	5g/5mL	0.69

Polyaromatic Hydrocarbons (PAHs) by EPA 8270E (SIM)

Prep: EPA 3546

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 24F0798							
A4F0906-13	Soil	EPA 8270E SIM	06/04/24 17:15	06/24/24 10:00	11.46g/5mL	10g/5mL	0.87

Percent Dry Weight

Prep: Total Solids (Dry Weight) - 2022

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 24F0184							
A4F0906-18	Soil	EPA 8000D	06/05/24 16:00	06/06/24 19:25			NA
A4F0906-19	Soil	EPA 8000D	06/05/24 16:05	06/06/24 19:25			NA
Batch: 24F0232							
A4F0906-01	Soil	EPA 8000D	06/04/24 08:00	06/07/24 08:23			NA
A4F0906-02	Soil	EPA 8000D	06/04/24 08:15	06/07/24 08:23			NA
A4F0906-03	Soil	EPA 8000D	06/04/24 08:25	06/07/24 08:23			NA
A4F0906-04	Soil	EPA 8000D	06/04/24 09:35	06/07/24 08:23			NA
A4F0906-05	Soil	EPA 8000D	06/04/24 09:30	06/07/24 08:23			NA
A4F0906-06	Soil	EPA 8000D	06/04/24 10:55	06/07/24 08:23			NA
A4F0906-07	Soil	EPA 8000D	06/04/24 08:40	06/07/24 08:23			NA

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Darrell Auvil, Client Services Manager

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ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

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503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville

25195 SW Parkway Ave, Suite #207

Wilsonville, OR 97070

Project: **R McLean Wilsonville**

Project Number: IDC01DEC.24UC

Project Manager: Steve Omo

Report ID:

A4F0906 - 07 03 24 0935

SAMPLE PREPARATION INFORMATION

Percent Dry Weight

Prep: Total Solids (Dry Weight) - 2022

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
A4F0906-08	Soil	EPA 8000D	06/04/24 11:25	06/07/24 08:23			NA
A4F0906-09	Soil	EPA 8000D	06/04/24 11:30	06/07/24 08:23			NA
A4F0906-10	Soil	EPA 8000D	06/04/24 11:15	06/07/24 08:23			NA
A4F0906-11	Soil	EPA 8000D	06/04/24 11:10	06/07/24 08:23			NA
A4F0906-12	Soil	EPA 8000D	06/04/24 17:00	06/07/24 08:23			NA
A4F0906-13	Soil	EPA 8000D	06/04/24 17:15	06/07/24 08:23			NA
A4F0906-14	Soil	EPA 8000D	06/05/24 15:40	06/07/24 08:23			NA
A4F0906-15	Soil	EPA 8000D	06/05/24 15:30	06/07/24 08:23			NA
A4F0906-16	Soil	EPA 8000D	06/05/24 17:00	06/07/24 08:23			NA
A4F0906-17	Soil	EPA 8000D	06/05/24 17:10	06/07/24 08:23			NA

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Darrell Auvil, Client Services Manager

**ANALYTICAL REPORT****AMENDED REPORT****Apex Laboratories, LLC**

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville

25195 SW Parkway Ave, Suite #207

Wilsonville, OR 97070

Project: **R McLean Wilsonville**Project Number: **IDC01DEC.24UC**Project Manager: **Steve Omo****Report ID:****A4F0906 - 07 03 24 0935****QUALIFIER DEFINITIONS****Client Sample and Quality Control (QC) Sample Qualifier Definitions:****Apex Laboratories**

- F-11** The hydrocarbon pattern indicates possible weathered diesel, mineral oil, or a contribution from a related component.
- F-26** Result for Diesel (Diesel Range Organics, C12-C18) is due to overlap from Gasoline or a Gasoline Range product.
- H-01** Analyzed outside the recommended holding time.
- H-02** This sample was extracted outside of the recommended holding time.
- M-04** Due to matrix interference, this analyte cannot be accurately quantified. The reported result may contain a high bias.
- Q-04** Spike recovery and/or RPD is outside control limits due to a non-homogeneous sample matrix.
- Q-39** Results for sample duplicate are higher than the sample results. See duplicate results in QC section of the report.
- Q-42** Matrix Spike and/or Duplicate analysis was performed on this sample. % Recovery or RPD for this analyte is outside laboratory control limits. (Refer to the QC Section of Analytical Report.)
- R-02** The Reporting Limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.
- S-05** Surrogate recovery is estimated due to sample dilution required for high analyte concentration and/or matrix interference.
- V-15** Sample aliquot was subsampled from the sample container in the laboratory. The subsampled aliquot was preserved in the laboratory within 48 hours of sampling.

Apex Laboratories

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**ANALYTICAL REPORT****AMENDED REPORT****Apex Laboratories, LLC**

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Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville

25195 SW Parkway Ave, Suite #207

Wilsonville, OR 97070

Project: **R McLean Wilsonville**Project Number: **IDC01DEC.24UC**Project Manager: **Steve Omo****Report ID:****A4F0906 - 07 03 24 0935****REPORTING NOTES AND CONVENTIONS:****Abbreviations:**

DET	Analyte DETECTED at or above the detection or reporting limit.
ND	Analyte NOT DETECTED at or above the detection or reporting limit.
NR	Result Not Reported.
RPD	Relative Percent Difference. RPDs for Matrix Spikes and Matrix Spike Duplicates are based on concentration, not recovery.

Detection Limits: Limit of Detection (LOD)

Limits of Detection (LODs) are normally set at a level of one half the validated Limit of Quantitation (LOQ).

If no value is listed ('-----'), then the data has not been evaluated below the Reporting Limit.

Reporting Limits: Limit of Quantitation (LOQ)

Validated Limits of Quantitation (LOQs) are reported as the Reporting Limits for all analyses where the LOQ, MRL, PQL or CRL are requested. The LOQ represents a level at or above the low point of the calibration curve, that has been validated according to Apex Laboratories' comprehensive LOQ policies and procedures.

Reporting Conventions:

Basis:	Results for soil samples are generally reported on a 100% dry weight basis. The Result Basis is listed following the units as "dry", "wet", or " " (blank) designation.
"dry"	Sample results and Reporting Limits are reported on a dry weight basis. (i.e. "ug/kg dry") See Percent Solids section for details of dry weight analysis.
"wet"	Sample results and Reporting Limits for this analysis are normally dry weight corrected, but have not been modified in this case.
" "	Results without 'wet' or 'dry' designation are not normally dry weight corrected. These results are considered 'As Received'.

QC Source:

In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) may be analyzed to demonstrate accuracy and precision of the extraction batch.

Non-Client Batch QC Samples (Duplicates and Matrix Spike/Duplicates) are not included in this report. Please request a Full QC report if this data is required.

Miscellaneous Notes:

" --- "	QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.
" *** "	Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

Blanks:

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to one half of the Reporting Limit (RL).
Blank results for gravimetric analyses are evaluated to the Reporting Level, not to half of the Reporting Level.
-For Blank hits falling between ½ the RL and the RL (J flagged hits), the associated sample and QC data will receive a 'B-02' qualifier.
-For Blank hits above the RL, the associated sample and QC data will receive a 'B' qualifier, per Apex Laboratories' Blank Policy.

Apex Laboratories

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Darrell Auvi, Client Services Manager

**ANALYTICAL REPORT****AMENDED REPORT****Apex Laboratories, LLC**

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville

25195 SW Parkway Ave, Suite #207

Wilsonville, OR 97070

Project: **R McLean Wilsonville**Project Number: **IDC01DEC.24UC**Project Manager: **Steve Omo****Report ID:****A4F0906 - 07 03 24 0935****REPORTING NOTES AND CONVENTIONS (Cont.):****Blanks (Cont.):**

Sample results flagged with a 'B' or 'B-02' qualifier are potentially biased high if the sample results are less than ten times the level found in the blank for inorganic analyses, or less than five times the level found in the blank for organic analyses.

'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level.

Preparation Notes:**Mixed Matrix Samples:****Water Samples:**

Water samples containing significant amounts of sediment are decanted or separated prior to extraction, and only the water portion analyzed, unless otherwise directed by the client.

Soil and Sediment Samples:

Soil and Sediment samples containing significant amounts of water are decanted prior to extraction, and only the solid portion analyzed, unless otherwise directed by the client.

Sampling and Preservation Notes:

Certain regulatory programs, such as National Pollutant Discharge Elimination System (NPDES), require that activities such as sample filtration (for dissolved metals, orthophosphate, hexavalent chromium, etc.) and testing of short hold analytes (pH, Dissolved Oxygen, etc.) be performed in the field (on-site) within a short time window. In addition, sample matrix spikes are required for some analyses, and sufficient volume must be provided, and billable site specific QC requested, if this is required. All regulatory permits should be reviewed to ensure that these requirements are being met.

Data users should be aware of which regulations pertain to the samples they submit for testing. If related sample collection activities are not approved for a particular regulatory program, results should be considered estimates. Apex Laboratories will qualify these analytes according to the most stringent requirements, however results for samples that are for non-regulatory purposes may be acceptable.

Samples that have been filtered and preserved at Apex Laboratories per client request are listed in the preparation section of the report with the date and time of filtration listed.

Apex Laboratories maintains detailed records on sample receipt, including client label verification, cooler temperature, sample preservation, hold time compliance and field filtration. Data is qualified as necessary, and the lack of qualification indicates compliance with required parameters.

Apex Laboratories

Darrell Auvil, Client Services Manager

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**ANALYTICAL REPORT****AMENDED REPORT****Apex Laboratories, LLC**

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville

25195 SW Parkway Ave, Suite #207

Wilsonville, OR 97070

Project: **R McLean Wilsonville**Project Number: **IDC01DEC.24UC**Project Manager: **Steve Omo****Report ID:****A4F0906 - 07 03 24 0935****LABORATORY ACCREDITATION INFORMATION****ORELAP Certification ID: OR100062 (Primary Accreditation)****EPA ID: OR01039**

All methods and analytes reported from work performed at Apex Laboratories are included on Apex Laboratories' ORELAP Scope of Certification, with the exception of any analyte(s) listed below:

Apex Laboratories

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Accreditation
--------	----------	--------	---------	--------	---------------

All reported analytes are included in Apex Laboratories' current ORELAP scope.

Secondary Accreditations

Apex Laboratories also maintains reciprocal accreditation with non-TNI states (Washington DOE), as well as other state specific accreditations not listed here.

Subcontract Laboratory Accreditations

Subcontracted data falls outside of Apex Laboratories' Scope of Accreditation.

Please see the Subcontract Laboratory report for full details, or contact your Project Manager for more information.

Field Testing Parameters

Results for Field Tested data are provided by the client or sampler, and fall outside of Apex Laboratories' Scope of Accreditation.

Apex Laboratories

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Darrell Auvil, Client Services Manager



ANALYTICAL REPORT

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Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville

25195 SW Parkway Ave, Suite #207

Wilsonville, OR 97070

Project: R McLean Wilsonville

Project Number: IDC01DEC.24UC

Project Manager: Steve Omo

Report ID:

A4F0906 - 07 03 24 0935

APEX LABS		CHAIN OF CUSTODY		COC 1 OF 2	
12232 S.W. Garden Place, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333		Lab # <u>A4F0906</u>			
Company: BB&A Environmental	Project Mgr: Steve Omo	Project Name: R McLean Wilsonville	Project # IDC01DEC.24UC		
Address: 25195 SW Parkway Ave, #207, Wilsonville, OR 97070	Phone: 503-570-9484	Fax:	Email: smono@bbenv.com		
Sampled by: Steve Omo					
ANALYSIS REQUEST					
Site Location: WA Other:	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS
SAMPLE ID					
IDC01 - 14 - DS-2'		6/4/2024	8:00	S	3
IDC01 - 14 - DM-2'		6/4/2024	8:15	S	3
IDC01 - 14 - DN-2'		6/4/2024	8:25	S	3
IDC01 - 13 - DN-3'		6/4/2024	9:35	S	3
IDC01 - 13 - DS-3'		6/4/2024	9:30	S	3
IDC01 11 - DN - 2.5'		6/4/2024	10:55	S	3
IDC01 - E Elbow PL-2'		6/4/2024	8:40	S	3
IDC01 - PL-3/4M-2'		6/4/2024	11:25	S	3
IDC01 PL-3/4M-2'		6/4/2024	11:30	S	3
IDC01 - PL-2/3-3'		6/4/2024	11:15	S	3
IDC01 - PL-1/2-2.5'		6/4/2024	11:10	S	3
Normal Turn Around Time (TAT) = 7-10 Business Days					
SPECIAL INSTRUCTIONS:					
EMAIL DRAFT RESULTS					
TAT Requested (circle) 24 HR 48 HR 72 HR 4 DAY 5 DAY Other: _____					
SAMPLES ARE HELD FOR 30 DAYS					
RECEIVED BY: Signature: <u>[Signature]</u> Date: 6/6/2024	RECEIVED BY: Signature: <u>[Signature]</u> Date: _____				
Printed Name: <u>Randall Auvil</u>	Printed Name: <u>[Signature]</u>				
Company: BB&A ENVIRONMENTAL	Company: _____				

Apex Laboratories

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Darrell Auvil, Client Services Manager



ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville

25195 SW Parkway Ave, Suite #207

Wilsonville, OR 97070

Project: R McLean Wilsonville

Project Number: IDC01DEC.24UC

Project Manager: Steve Omo

Report ID:

A4F0906 - 07 03 24 0935

CHAIN OF CUSTODY

APEX LABS

12332 S.W. Garden Place, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333

COC 2 OF 2

Lab # A4F0906

Company: BB&A Environmental	Project Mgr: Steve Omo	Project Name: R McLean Wilsonville	Project # IDC01DEC.24UC
Address: 25195 SW Parkway Ave, #207 Wilsonville, OR 97070		Phone: 503-570-9484	Email: smono@bbaenv.com
Sampled by: Steve Omo			
Site Location: WA Other:	OR	ANALYSIS REQUEST	
SAMPLE ID	LAB ID #	DATE	TIME
IDC01 - E20K - M - 15'		6/4/2024	17:00
IDC01 - E20K - S - 13.5'		6/4/2024	17:15
IDC01 - 4K - N - 11'		6/5/2024	15:40
IDC01 - 4K - S - 11'		6/5/2024	15:30
IDC01 - 6K - S - 11'		6/5/2024	17:00
IDC01 - 6K - N - 11'		6/5/2024	17:10
IDC01 - COMP1		6/5/2024	16:00
IDC01 - COMP2		6/5/2024	16:05
MATRIX			
# OF CONTAINERS			
NWTPH-DC			
NWTPH-GX * RTEX			
BTEX + N			
8260 RBDM VOCs			
8260 Halo VOCs			
8260 VOCs			
8270 SIM PAHs			
8082 PCBs			
8081 Chlor, Pest			
RCRA Metals (8)			
Priority Metals (13)			
Al, Sb, As, Ba, Be, Cd			
Ca, Cr, Co, Cu, Fe, Pb			
Hg, Mg, Mn, Mo, Ni, K,			
Se, Ag, Na, Tl, V, Zn			
TCMP Metals (8)			
1200- COLS			
1200-Z			
SPECIAL INSTRUCTIONS:			
EMAIL DRAFT RESULTS			
Normal Turn Around Time (TAT) = 7-10 Business Days			
TAT Requested (circle)			
2 - Samples	24 HR	48 HR	72 HR
Other: Standard			
SAMPLES ARE HELD FOR 30 DAYS			
RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:
Signature: <u>Randall Boase</u>	Signature: <u>Jeffery Webb</u>	Signature:	Signature:
Date: 6/6/2024	Date:	Date:	Date:
Printed Name: <u>Randall Boase</u>	Printed Name: <u>Jeffery Webb</u>	Printed Name:	Printed Name:
Time: <u>8:00 am</u>	Time:	Time:	Time:
Company: BB&A ENVIRONMENTAL	Company:	Company:	Company:

Apex Laboratories

Darrell Auvel, Client Services Manager

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ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville

25195 SW Parkway Ave, Suite #207

Wilsonville, OR 97070

Project: R McLean Wilsonville

Project Number: IDC01DEC.24UC

Project Manager: Steve Omo

Report ID:

A4F0906 - 07 03 24 0935

APEX LABS COOLER RECEIPT FORM

Client: BB&A Environmental Element WO#: A4 F0906

Project/Project #: R. McLean Wilsonville IDC01DEC.24UC

Delivery Info:

Date/time received: 4/4/24 @ 800 By: JS

Delivered by: Apex Client ☒ ESS FedEx ☐ UPS ☐ Radio ☐ Morgan ☐ SDS ☐ Evergreen ☐ Other ☐From USDA Regulated Origin? Yes ☐ No ☒

Cooler Inspection Date/time inspected: 4/4/24 @ 803 By: JS

Chain of Custody included? Yes ☒ No ☐Signed/dated by client? Yes ☒ No ☐Contains USDA Reg. Soils? Yes ☒ No ☒ Unsure (email RegSoils) ☐

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	3.1						
Custody seals? (Y/N)	N						
Received on ice? (Y/N)	Y						
Temp. blanks? (Y/N)	N						
Ice type: (Gel/Real/Other)	gel						
Condition (In/Out):	In						

Cooler out of temp? (Y/N) Possible reason why: ☐Green dots applied to out of temperature samples? Yes ☐ No ☒Out of temperature samples form initiated? Yes ☐ No ☒

Sample Inspection: Date/time inspected: 4/4/24 @ 0825 By: KM

All samples intact? Yes ☒ No ☐ Comments: ☐Bottle labels/COCs agree? Yes ☐ No ☒ Comments: D on IDC01-4K-N-11 reads

6/4/24 on all lots, loc reads 6/5/24. D on IDC01-4K-S-11 2/2 Med. vials. reads 6/4/24, loc

COC/container discrepancies form initiated? Yes ☐ No ☒Containers/volumes received appropriate for analysis? Yes ☒ No ☐ Comments: ☐Do VOA vials have visible headspace? Yes ☐ No ☒ NA ☒Comments: ☐Water samples: pH checked: Yes ☐ No ☐ NA ☒ pH appropriate? Yes ☐ No ☐ NA ☒ pH ID: ☐Comments: ☐

Labeled by:

KMS

Witness:

KMS

Cooler Inspected by:

KMS

Form Y-003 R-02

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Darrell Auvel, Client Services Manager

Page 34 of 34



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

Tuesday, June 25, 2024

Steve Omo

BB&A Environmental - Wilsonville

25195 SW Parkway Ave, Suite #207

Wilsonville, OR 97070

RE: A4F1031 - R McLean Wilsonville - IDC01DEC.24UC

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

Enclosed are the results of analyses for work order A4F1031, which was received by the laboratory on 6/10/2024 at 12:52:00PM.

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

Please note: All samples will be disposed of within 30 days of sample receipt, unless prior arrangements have been made.

Cooler Receipt Information

Acceptable Receipt Temperature is less than, or equal to, 6 degC (not frozen), or received on ice the same day as sampling.

(See Cooler Receipt Form for details)

Default Cooler 1.4 degC

This Final Report is the official version of the data results for this sample submission, unless superseded by a subsequent, labeled amended report.

All other deliverables derived from this data, including Electronic Data Deliverables (EDDs), CLP-like forms, client requested summary sheets, and all other products are considered secondary to this report.



Apex Laboratories

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Darrell Auvil, Client Services Manager

**ANALYTICAL REPORT****Apex Laboratories, LLC**6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062**BB&A Environmental - Wilsonville**
25195 SW Parkway Ave, Suite #207
Wilsonville, OR 97070Project: **R McLean Wilsonville**
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo**Report ID:**
A4F1031 - 06 25 24 1426**ANALYTICAL REPORT FOR SAMPLES****SAMPLE INFORMATION**

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
IDC01-I2-DN-8.5'	A4F1031-01	Soil	06/10/24 09:40	06/10/24 12:52
IDC01-I2-DS-8.5'	A4F1031-02	Soil	06/10/24 09:50	06/10/24 12:52
IDC01-PL Trench-3'	A4F1031-03	Soil	06/10/24 10:10	06/10/24 12:52
IDC01-E20K-N-13.5'-14'	A4F1031-04	Soil	06/10/24 10:30	06/10/24 12:52
IDC01-W20K-N-13.5'-14'	A4F1031-05	Soil	06/10/24 10:50	06/10/24 12:52
IDC01-W20K-M-13.5'-14'	A4F1031-06	Soil	06/10/24 11:20	06/10/24 12:52
IDC01-W20K-S-13.5'-14'	A4F1031-07	Soil	06/10/24 11:50	06/10/24 12:52

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ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062BB&A Environmental - Wilsonville
25195 SW Parkway Ave, Suite #207
Wilsonville, OR 97070Project: R McLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve OmoReport ID:
A4F1031 - 06 25 24 1426

ANALYTICAL SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
IDC01-I2-DN-8.5' (A4F1031-01)				Matrix: Soil		Batch: 24F0362		
Gasoline Range Organics	ND	---	25.5	mg/kg dry	1	06/12/24 04:29	NWTPH-HCID	
Diesel Range Organics	ND	---	63.6	mg/kg dry	1	06/12/24 04:29	NWTPH-HCID	
Oil Range Organics	ND	---	127	mg/kg dry	1	06/12/24 04:29	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Recovery:	77 %	Limits: 50-150 %	1	06/12/24 04:29	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			74 %	50-150 %	1	06/12/24 04:29	NWTPH-HCID	
IDC01-I2-DS-8.5' (A4F1031-02)				Matrix: Soil		Batch: 24F0362		
Gasoline Range Organics	ND	---	23.3	mg/kg dry	1	06/12/24 05:16	NWTPH-HCID	
Diesel Range Organics	DET	---	58.2	mg/kg dry	1	06/12/24 05:16	NWTPH-HCID	F-11
Oil Range Organics	ND	---	116	mg/kg dry	1	06/12/24 05:16	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Recovery:	79 %	Limits: 50-150 %	1	06/12/24 05:16	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			79 %	50-150 %	1	06/12/24 05:16	NWTPH-HCID	
IDC01-PL Trench-3' (A4F1031-03)				Matrix: Soil		Batch: 24F0362		
Gasoline Range Organics	ND	---	23.3	mg/kg dry	1	06/12/24 05:39	NWTPH-HCID	
Diesel Range Organics	ND	---	58.3	mg/kg dry	1	06/12/24 05:39	NWTPH-HCID	
Oil Range Organics	ND	---	117	mg/kg dry	1	06/12/24 05:39	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Recovery:	81 %	Limits: 50-150 %	1	06/12/24 05:39	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			81 %	50-150 %	1	06/12/24 05:39	NWTPH-HCID	
IDC01-E20K-N-13.5'-14' (A4F1031-04)				Matrix: Soil		Batch: 24F0362		
Gasoline Range Organics	ND	---	24.2	mg/kg dry	1	06/12/24 06:03	NWTPH-HCID	
Diesel Range Organics	ND	---	60.6	mg/kg dry	1	06/12/24 06:03	NWTPH-HCID	
Oil Range Organics	ND	---	121	mg/kg dry	1	06/12/24 06:03	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Recovery:	84 %	Limits: 50-150 %	1	06/12/24 06:03	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			84 %	50-150 %	1	06/12/24 06:03	NWTPH-HCID	
IDC01-W20K-N-13.5'-14' (A4F1031-05)				Matrix: Soil		Batch: 24F0362		
Gasoline Range Organics	ND	---	23.8	mg/kg dry	1	06/12/24 06:26	NWTPH-HCID	
Diesel Range Organics	ND	---	59.4	mg/kg dry	1	06/12/24 06:26	NWTPH-HCID	
Oil Range Organics	ND	---	119	mg/kg dry	1	06/12/24 06:26	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Recovery:	74 %	Limits: 50-150 %	1	06/12/24 06:26	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			74 %	50-150 %	1	06/12/24 06:26	NWTPH-HCID	
IDC01-W20K-M-13.5'-14' (A4F1031-06)				Matrix: Soil		Batch: 24F0362		

Apex Laboratories

Darrell Auvil, Client Services Manager

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ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062

BB&A Environmental - Wilsonville
25195 SW Parkway Ave, Suite #207
Wilsonville, OR 97070

Project: **R McLean Wilsonville**
Project Number: **IDC01DEC.24UC**
Project Manager: **Steve Omo**

Report ID:
A4F1031 - 06 25 24 1426

ANALYTICAL SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
IDC01-W20K-M-13.5'-14' (A4F1031-06)				Matrix: Soil		Batch: 24F0362		
Gasoline Range Organics	ND	---	23.0	mg/kg dry	1	06/12/24 06:50	NWTPH-HCID	
Diesel Range Organics	ND	---	57.6	mg/kg dry	1	06/12/24 06:50	NWTPH-HCID	
Oil Range Organics	ND	---	115	mg/kg dry	1	06/12/24 06:50	NWTPH-HCID	
<i>Surrogate: o-Terphenyl (Surr)</i>		<i>Recovery:</i>	78 %	<i>Limits:</i>	50-150 %	1	06/12/24 06:50	NWTPH-HCID
<i>4-Bromofluorobenzene (Surr)</i>			75 %		50-150 %	1	06/12/24 06:50	NWTPH-HCID
IDC01-W20K-S-13.5'-14' (A4F1031-07)				Matrix: Soil		Batch: 24F0362		
Gasoline Range Organics	ND	---	23.5	mg/kg dry	1	06/12/24 07:13	NWTPH-HCID	
Diesel Range Organics	DET	---	58.7	mg/kg dry	1	06/12/24 07:13	NWTPH-HCID	
Oil Range Organics	ND	---	117	mg/kg dry	1	06/12/24 07:13	NWTPH-HCID	
<i>Surrogate: o-Terphenyl (Surr)</i>		<i>Recovery:</i>	82 %	<i>Limits:</i>	50-150 %	1	06/12/24 07:13	NWTPH-HCID
<i>4-Bromofluorobenzene (Surr)</i>			81 %		50-150 %	1	06/12/24 07:13	NWTPH-HCID

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Wilsonville, OR 97070

Project: **R McLean Wilsonville**
Project Number: **IDC01DEC.24UC**
Project Manager: **Steve Omo**

Report ID:
A4F1031 - 06 25 24 1426

ANALYTICAL SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
IDC01-I2-DS-8.5' (A4F1031-02)				Matrix: Soil		Batch: 24F0585		
Diesel	274	---	21.0	mg/kg dry	1	06/19/24 10:08	NWTPH-Dx	F-11
Oil	ND	---	42.0	mg/kg dry	1	06/19/24 10:08	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		Recovery: 67 %		Limits: 50-150 %	1	06/19/24 10:08	NWTPH-Dx	
IDC01-W20K-S-13.5'-14' (A4F1031-07)				Matrix: Soil		Batch: 24F0585		
Diesel	409	---	21.9	mg/kg dry	1	06/19/24 10:31	NWTPH-Dx	
Oil	ND	---	43.8	mg/kg dry	1	06/19/24 10:31	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		Recovery: 91 %		Limits: 50-150 %	1	06/19/24 10:31	NWTPH-Dx	

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ORELAP ID: OR100062

BB&A Environmental - Wilsonville
25195 SW Parkway Ave, Suite #207
Wilsonville, OR 97070

Project: **R McLean Wilsonville**
Project Number: **IDC01DEC.24UC**
Project Manager: **Steve Omo**

Report ID:
A4F1031 - 06 25 24 1426

ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
IDC01-I2-DN-8.5' (A4F1031-01)				Matrix: Soil		Batch: 24F0348		
% Solids	75.0	---	1.00	%	1	06/12/24 07:22	EPA 8000D	
IDC01-I2-DS-8.5' (A4F1031-02)				Matrix: Soil		Batch: 24F0348		
% Solids	82.2	---	1.00	%	1	06/12/24 07:22	EPA 8000D	
IDC01-PL Trench-3' (A4F1031-03)				Matrix: Soil		Batch: 24F0348		
% Solids	84.8	---	1.00	%	1	06/12/24 07:22	EPA 8000D	
IDC01-E20K-N-13.5'-14' (A4F1031-04)				Matrix: Soil		Batch: 24F0348		
% Solids	79.7	---	1.00	%	1	06/12/24 07:22	EPA 8000D	
IDC01-W20K-N-13.5'-14' (A4F1031-05)				Matrix: Soil		Batch: 24F0348		
% Solids	79.3	---	1.00	%	1	06/12/24 07:22	EPA 8000D	
IDC01-W20K-M-13.5'-14' (A4F1031-06)				Matrix: Soil		Batch: 24F0348		
% Solids	80.6	---	1.00	%	1	06/12/24 07:22	EPA 8000D	
IDC01-W20K-S-13.5'-14' (A4F1031-07)				Matrix: Soil		Batch: 24F0348		
% Solids	82.6	---	1.00	%	1	06/12/24 07:22	EPA 8000D	

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503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville25195 SW Parkway Ave, Suite #207
Wilsonville, OR 97070Project: **R McLean Wilsonville**Project Number: **IDC01DEC.24UC**Project Manager: **Steve Omo****Report ID:****A4F1031 - 06 25 24 1426**

QUALITY CONTROL (QC) SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24F0362 - EPA 3546 (Fuels)						Soil						
Blank (24F0362-BLK1)		Prepared: 06/11/24 11:30 Analyzed: 06/12/24 04:06										
NWTPH-HCID												
Gasoline Range Organics	ND	---	20.0	mg/kg wet	1	---	---	---	---	---	---	
Diesel Range Organics	ND	---	50.0	mg/kg wet	1	---	---	---	---	---	---	
Oil Range Organics	ND	---	100	mg/kg wet	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		Recovery: 80 %		Limits: 50-150 %		Dilution: 1x						
4-Bromofluorobenzene (Surr)		80 %		50-150 %		"						
Duplicate (24F0362-DUP1)		Prepared: 06/11/24 11:30 Analyzed: 06/12/24 04:53										
QC Source Sample: IDC01-I2-DN-8.5' (A4F1031-01)												
NWTPH-HCID												
Gasoline Range Organics	ND	---	26.6	mg/kg dry	1	---	ND	---	---	---	30%	
Diesel Range Organics	ND	---	66.5	mg/kg dry	1	---	ND	---	---	---	30%	
Oil Range Organics	ND	---	133	mg/kg dry	1	---	ND	---	---	---	30%	
Surr: o-Terphenyl (Surr)		Recovery: 83 %		Limits: 50-150 %		Dilution: 1x						
4-Bromofluorobenzene (Surr)		83 %		50-150 %		"						

Apex Laboratories

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**ANALYTICAL REPORT****Apex Laboratories, LLC**6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062**BB&A Environmental - Wilsonville**
25195 SW Parkway Ave, Suite #207
Wilsonville, OR 97070Project: **R McLean Wilsonville**
Project Number: **IDC01DEC.24UC**
Project Manager: **Steve Omo****Report ID:**
A4F1031 - 06 25 24 1426**QUALITY CONTROL (QC) SAMPLE RESULTS****Diesel and/or Oil Hydrocarbons by NWTPH-Dx**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24F0585 - EPA 3546 (Fuels)						Soil						
Blank (24F0585-BLK1)		Prepared: 06/18/24 05:18 Analyzed: 06/18/24 10:59										
NWTPH-Dx												
Diesel	ND	---	20.0	mg/kg wet	1	---	---	---	---	---	---	
Oil	ND	---	40.0	mg/kg wet	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		Recovery: 93 %		Limits: 50-150 %		Dilution: 1x						
LCS (24F0585-BS1)		Prepared: 06/18/24 05:18 Analyzed: 06/18/24 11:19										
NWTPH-Dx												
Diesel	111	---	20.0	mg/kg wet	1	125	---	89	38 - 132%	---	---	
Surr: o-Terphenyl (Surr)		Recovery: 97 %		Limits: 50-150 %		Dilution: 1x						

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

Apex Laboratories

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ANALYTICAL REPORT

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503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville

25195 SW Parkway Ave, Suite #207
Wilsonville, OR 97070

Project: R McLean Wilsonville

Project Number: IDC01DEC.24UC

Project Manager: Steve Omo

Report ID:

A4F1031 - 06 25 24 1426

QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24F0348 - Total Solids (Dry Weight) - 2022								Soil				

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

Apex Laboratories

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503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville25195 SW Parkway Ave, Suite #207
Wilsonville, OR 97070Project: **R McLean Wilsonville**Project Number: **IDC01DEC.24UC**Project Manager: **Steve Omo****Report ID:****A4F1031 - 06 25 24 1426****SAMPLE PREPARATION INFORMATION****Hydrocarbon Identification Screen by NWTPH-HCID****Prep: EPA 3546 (Fuels)**

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 24F0362</u>							
A4F1031-01	Soil	NWTPH-HCID	06/10/24 09:40	06/11/24 11:30	10.47g/10mL	10g/10mL	0.96
A4F1031-02	Soil	NWTPH-HCID	06/10/24 09:50	06/11/24 11:30	10.45g/10mL	10g/10mL	0.96
A4F1031-03	Soil	NWTPH-HCID	06/10/24 10:10	06/11/24 11:30	10.11g/10mL	10g/10mL	0.99
A4F1031-04	Soil	NWTPH-HCID	06/10/24 10:30	06/11/24 11:30	10.36g/10mL	10g/10mL	0.97
A4F1031-05	Soil	NWTPH-HCID	06/10/24 10:50	06/11/24 11:30	10.61g/10mL	10g/10mL	0.94
A4F1031-06	Soil	NWTPH-HCID	06/10/24 11:20	06/11/24 11:30	10.76g/10mL	10g/10mL	0.93
A4F1031-07	Soil	NWTPH-HCID	06/10/24 11:50	06/11/24 11:30	10.31g/10mL	10g/10mL	0.97

Diesel and/or Oil Hydrocarbons by NWTPH-Dx**Prep: EPA 3546 (Fuels)**

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 24F0585</u>							
A4F1031-02	Soil	NWTPH-Dx	06/10/24 09:50	06/18/24 10:32	11.58g/5mL	10g/5mL	0.86
A4F1031-07	Soil	NWTPH-Dx	06/10/24 11:50	06/18/24 10:32	11.06g/5mL	10g/5mL	0.90

Percent Dry Weight**Prep: Total Solids (Dry Weight) - 2022**

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 24F0348</u>							
A4F1031-01	Soil	EPA 8000D	06/10/24 09:40	06/11/24 08:52			NA
A4F1031-02	Soil	EPA 8000D	06/10/24 09:50	06/11/24 08:52			NA
A4F1031-03	Soil	EPA 8000D	06/10/24 10:10	06/11/24 08:52			NA
A4F1031-04	Soil	EPA 8000D	06/10/24 10:30	06/11/24 08:52			NA
A4F1031-05	Soil	EPA 8000D	06/10/24 10:50	06/11/24 08:52			NA
A4F1031-06	Soil	EPA 8000D	06/10/24 11:20	06/11/24 08:52			NA
A4F1031-07	Soil	EPA 8000D	06/10/24 11:50	06/11/24 08:52			NA

Apex Laboratories

Darrell Auvil, Client Services Manager

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ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062

BB&A Environmental - Wilsonville

25195 SW Parkway Ave, Suite #207
Wilsonville, OR 97070

Project: R McLean Wilsonville

Project Number: IDC01DEC.24UC

Project Manager: Steve Omo

Report ID:

A4F1031 - 06 25 24 1426

QUALIFIER DEFINITIONS

Client Sample and Quality Control (QC) Sample Qualifier Definitions:

Apex Laboratories

F-11 The hydrocarbon pattern indicates possible weathered diesel, mineral oil, or a contribution from a related component.

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REPORTING NOTES AND CONVENTIONS:

Abbreviations:

DET Analyte DETECTED at or above the detection or reporting limit.
ND Analyte NOT DETECTED at or above the detection or reporting limit.
NR Result Not Reported.
RPD Relative Percent Difference. RPDs for Matrix Spikes and Matrix Spike Duplicates are based on concentration, not recovery.

Detection Limits: Limit of Detection (LOD)

Limits of Detection (LODs) are normally set at a level of one half the validated Limit of Quantitation (LOQ).
If no value is listed ('-----'), then the data has not been evaluated below the Reporting Limit.

Reporting Limits: Limit of Quantitation (LOQ)

Validated Limits of Quantitation (LOQs) are reported as the Reporting Limits for all analyses where the LOQ, MRL, PQL or CRL are requested. The LOQ represents a level at or above the low point of the calibration curve, that has been validated according to Apex Laboratories' comprehensive LOQ policies and procedures.

Reporting Conventions:

Basis: Results for soil samples are generally reported on a 100% dry weight basis.
The Result Basis is listed following the units as "dry", "wet", or " " (blank) designation.

"dry" Sample results and Reporting Limits are reported on a dry weight basis. (i.e. "ug/kg dry")
See Percent Solids section for details of dry weight analysis.

"wet" Sample results and Reporting Limits for this analysis are normally dry weight corrected, but have not been modified in this case.

" " Results without 'wet' or 'dry' designation are not normally dry weight corrected. These results are considered 'As Received'.

QC Source:

In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) may be analyzed to demonstrate accuracy and precision of the extraction batch.

Non-Client Batch QC Samples (Duplicates and Matrix Spike/Duplicates) are not included in this report. Please request a Full QC report if this data is required.

Miscellaneous Notes:

" --- " QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.

" *** " Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

Blanks:

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to one half of the Reporting Limit (RL).
Blank results for gravimetric analyses are evaluated to the Reporting Level, not to half of the Reporting Level.
-For Blank hits falling between ½ the RL and the RL (J flagged hits), the associated sample and QC data will receive a 'B-02' qualifier.
-For Blank hits above the RL, the associated sample and QC data will receive a 'B' qualifier, per Apex Laboratories' Blank Policy.

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REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks (Cont.):

Sample results flagged with a 'B' or 'B-02' qualifier are potentially biased high if the sample results are less than ten times the level found in the blank for inorganic analyses, or less than five times the level found in the blank for organic analyses.
'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level.

Preparation Notes:

Mixed Matrix Samples:

Water Samples:

Water samples containing significant amounts of sediment are decanted or separated prior to extraction, and only the water portion analyzed, unless otherwise directed by the client.

Soil and Sediment Samples:

Soil and Sediment samples containing significant amounts of water are decanted prior to extraction, and only the solid portion analyzed, unless otherwise directed by the client.

Sampling and Preservation Notes:

Certain regulatory programs, such as National Pollutant Discharge Elimination System (NPDES), require that activities such as sample filtration (for dissolved metals, orthophosphate, hexavalent chromium, etc.) and testing of short hold analytes (pH, Dissolved Oxygen, etc.) be performed in the field (on-site) within a short time window. In addition, sample matrix spikes are required for some analyses, and sufficient volume must be provided, and billable site specific QC requested, if this is required. All regulatory permits should be reviewed to ensure that these requirements are being met.

Data users should be aware of which regulations pertain to the samples they submit for testing. If related sample collection activities are not approved for a particular regulatory program, results should be considered estimates. Apex Laboratories will qualify these analytes according to the most stringent requirements, however results for samples that are for non-regulatory purposes may be acceptable.

Samples that have been filtered and preserved at Apex Laboratories per client request are listed in the preparation section of the report with the date and time of filtration listed.

Apex Laboratories maintains detailed records on sample receipt, including client label verification, cooler temperature, sample preservation, hold time compliance and field filtration. Data is qualified as necessary, and the lack of qualification indicates compliance with required parameters.

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LABORATORY ACCREDITATION INFORMATION

ORELAP Certification ID: OR100062 (Primary Accreditation)

EPA ID: OR01039

All methods and analytes reported from work performed at Apex Laboratories are included on Apex Laboratories' ORELAP Scope of Certification, with the exception of any analyte(s) listed below:

Apex Laboratories

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Accreditation
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All reported analytes are included in Apex Laboratories' current ORELAP scope.

Secondary Accreditations

Apex Laboratories also maintains reciprocal accreditation with non-TNI states (Washington DOE), as well as other state specific accreditations not listed here.

Subcontract Laboratory Accreditations

Subcontracted data falls outside of Apex Laboratories' Scope of Accreditation.
Please see the Subcontract Laboratory report for full details, or contact your Project Manager for more information.

Field Testing Parameters

Results for Field Tested data are provided by the client or sampler, and fall outside of Apex Laboratories' Scope of Accreditation.

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APEX LABS COOLER RECEIPT FORM

Client: BB&A Environmental ^{AKC for PA} _{rel 10/24} Element WO#: A4F1031Project/Project #: R McLean - Wilsonville IDC01DEC.24UC

Delivery Info:

Date/time received: 6/10/24 @ 12:52 By: D. AuvilDelivered by: Apex Client ESS Client FedEx Client UPS Client Radio Client Morgan Client SDS Client Evergreen Client Other ClientFrom USDA Regulated Origin? Yes Client No ClientCooler Inspection Date/time inspected: 6/10/24 @ 12:55 By: D. AuvilChain of Custody included? Yes Client No ClientSigned/dated by client? Yes Client No ClientContains USDA Reg. Soils? Yes Client No Client Unsure (email RegSoils) Client

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	<u>1.4°C</u>						
Custody seals? (Y/N)	<u>N</u>						
Received on ice? (Y/N)	<u>yes</u>						
Temp. blanks? (Y/N)	<u>No</u>						
Ice type: (Gel/Real/Other)	<u>Gel, Frozen</u>						
Condition (In/Out):	<u>IN</u>						

Cooler out of temp? (Y/N) Client Possible reason why: ClientGreen dots applied to out of temperature samples? Yes Client No ClientOut of temperature samples form initiated? Yes Client No ClientSample Inspection: Date/time inspected: 6/10/24 @ 1320 By: AAWAll samples intact? Yes Client No Client Comments: ClientBottle labels/COCs agree? Yes Client No Client Comments: IDC01-W204-N-13.5'-14' IDs vary.IDC01-W204-S-13.5'-14' cont. T read 1140.COC/container discrepancies form initiated? Yes Client No ClientContainers/volumes received appropriate for analysis? Yes Client No Client Comments: ClientDo VOA vials have visible headspace? Yes Client No Client NA ClientComments: ClientWater samples: pH checked: Yes Client No Client NA Client pH appropriate? Yes Client No Client NA Client pH ID: ClientComments: ClientLabeled by: AAWWitness: AAWCooler Inspected by: AAW

Form Y-003 R-02

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