



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: None

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:

NONE

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): None

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

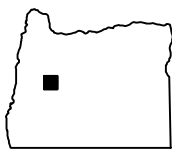
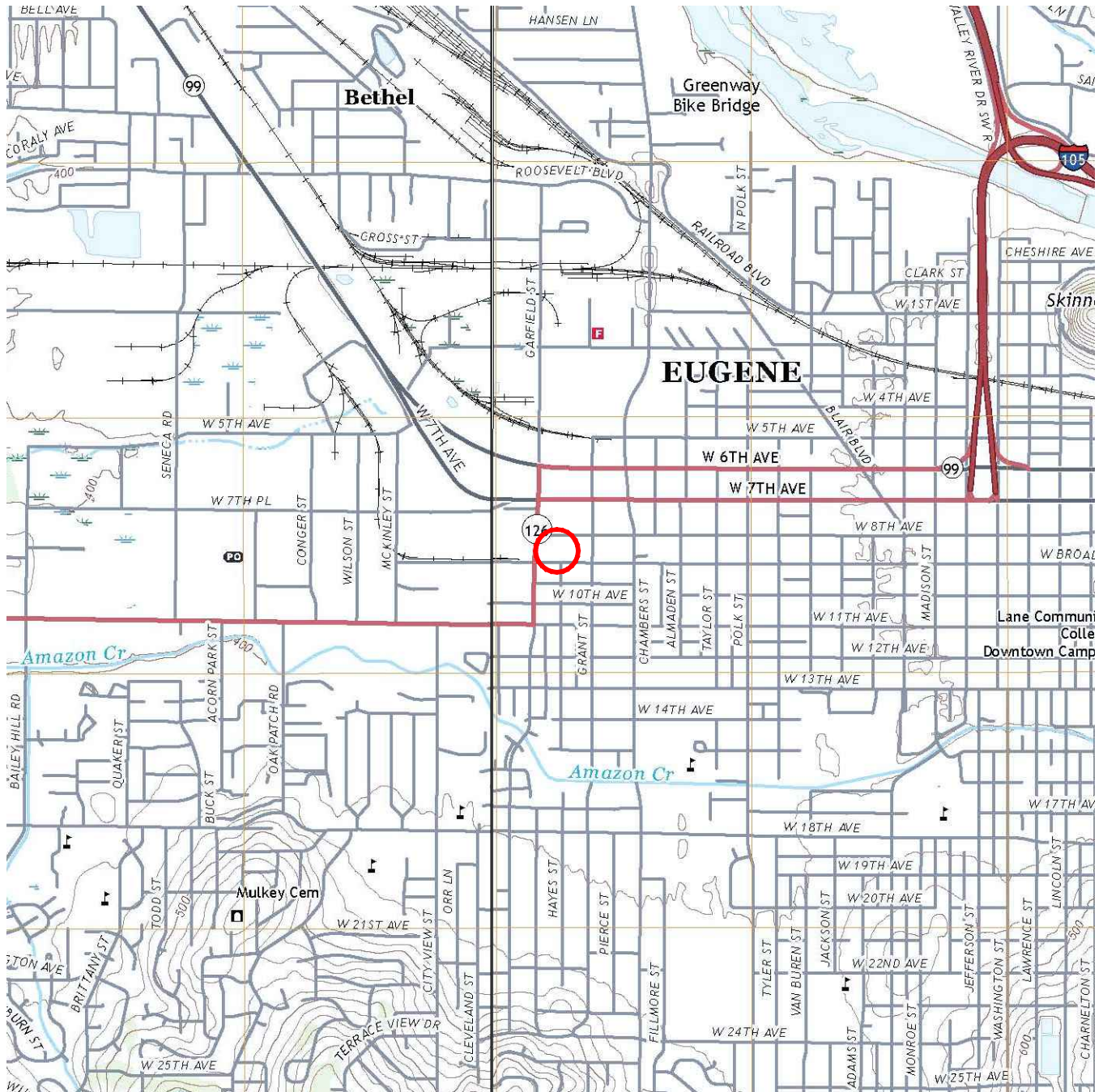
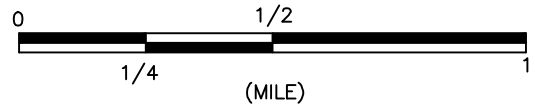
[Español](#) | [한국어](#) | [繁體中文](#) | [Русский](#) | [Tiếng Việt](#) | [العربية](#)
800-452-4011 | TTY: 711 | deqinfo@deq.oregon.gov

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](#).

ATTACHMENT A

Figures



OREGON



SITE LOCATION

FIGURE 1

SITE VICINITY MAP

4-J TRANSPORTATION CENTER, 1944 WEST 8th AVE., EUGENE, OR

SOURCE: USGU TOPOGRAPHIC QUADRANGLE
SERIES: 7.5 MINUTE, EUGENE EAST, OR



EUGENE OFFICE
32986 Roberts Ct.
Coburg, OR
ph: 541.484.9484

PORTLAND OFFICE
25195 SW Parkway Ave., #207
Wilsonville, OR
ph: 503.570.9484

www.BBAENV.COM

Job Code: **4J40DEC.25UC**
CADD File: **4J40DEC.25UC**
Scale: **N.T.S.**
Drawn: **KD DESIGNS**
Checked: **MATTHEW LUCZAK**
Date: **07/16/25**

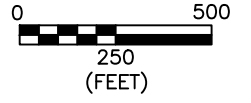


PHOTO SOURCE: GOOGLE EARTH, OCTOBER 17, 2024.

 SUBJECT PROPERTY



EUGENE OFFICE
32986 Roberts Ct.
Coburg, OR
ph: 541.484.9484

PORTLAND OFFICE
25195 SW Parkway Ave., #207
Wilsonville, OR
ph: 503.570.9484

www.BBAENV.COM

SITE AERIAL
4-J TRANSPORTATION CENTER
1944 WEST 8th AVENUE, EUGENE, OREGON

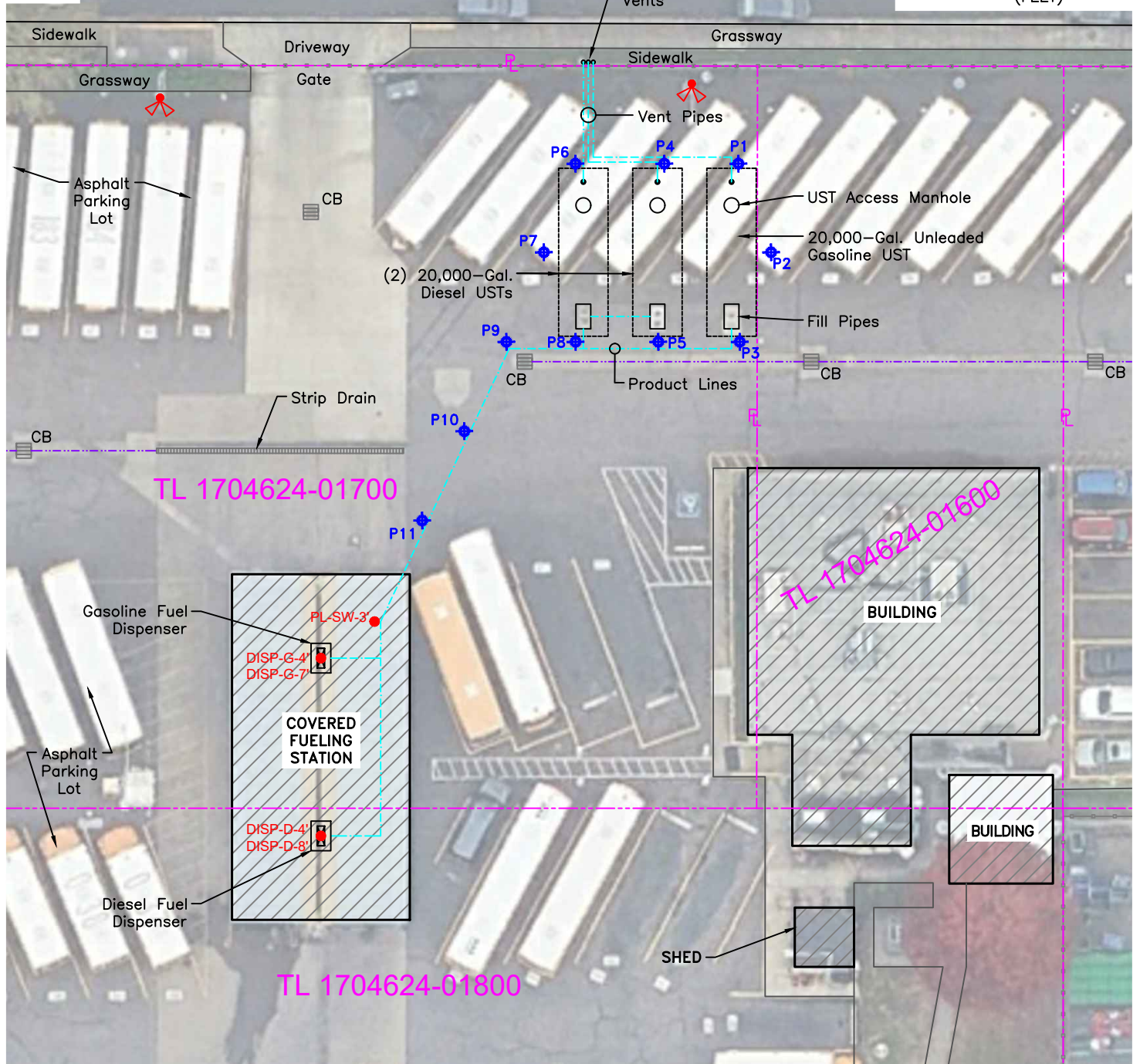
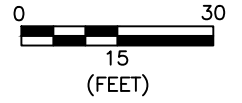
FIGURE:

2

| | | | | |
|-------------------------------|-------------------|--------------------|-----------------------|----------------------------|
| PROJECT CODE: 4J40DEC.25UC | DATE: 07/16/25 | SCALE: AS SHOWN | DRAWN: K.D.DESIGNS | CHECKED: MATTHEW LUCZAK |
|-------------------------------|-------------------|--------------------|-----------------------|----------------------------|



WEST 8th AVENUE



LEGEND

- ◆ P1 Proposed Push Probe Location and Identification Number
- PL-SW-3' Soil Sample Location and Identification Number (By BB&A Env. June/July 2025)
- |— Property Line
- TL 1704624-01800 Tax Lot Number
- Building
- Catch Basin
- Fence Line
- Stormwater Line
- Exterior Overhead Lights



EUGENE OFFICE
 32986 Roberts Ct.
 Coburg, OR
 ph: 541.484.9484

PORTLAND OFFICE
 25195 SW Parkway Ave., #207
 Wilsonville, OR
 ph: 503.570.9484

www.BBAENV.COM

SITE PLAN WITH PROPOSED PUSH PROBES
4-J TRANSPORTATION CENTER
 1944 WEST 8th AVENUE, EUGENE, OREGON

FIGURE:

4

| | | | | |
|-------------------------------|-------------------|------------------|-----------------------|----------------------------|
| PROJECT CODE: 4J40DEC.25UC | DATE: 07/16/25 | SCALE: 1"=30' | DRAWN: K.D.DESIGNS | CHECKED: MATTHEW LUCZAK |
|-------------------------------|-------------------|------------------|-----------------------|----------------------------|

ATTACHMENT B

Push-Probe Logs

PROBE LOG

PROBE NO.: P1
 PROJECT CODE: 4J40DEC.25UC
 CADD FILE: 4J40DEC.25UC
 PROJECT: 4-J TRANSPORTATION CENTER
 LOCATION: 1944 WEST 8th AVENUE
EUGENE, OREGON

TOTAL DEPTH: 15'
 SURFACE ELEVATION: N/A
 PROBING METHOD: MACRO CORE
 PROBED BY: BB&A ENVIRONMENTAL
 LOGGED BY: JORDAN KHIN-STANG
 DATE COMPLETED: 10/07/25

| DEPTH (feet) | SAMPLE IDENTIFICATION AND LAB RESULTS | MC RECOVERY | PID | H ₂ O LEVEL | LITHOLOGIC DESCRIPTION | LITHOLOGY | DEPTH (feet) | PROBE ABANDONMENT |
|--------------|---------------------------------------|-------------|-----|------------------------|--|-----------|--------------|-------------------|
| 0 | | | 0.0 | | ASPHALT NO RECOVERY | 0 | 0 | |
| | | 60% | 1.7 | | SAND & GRAVEL (SP/GP): brown, coarse grained sand, no petroleum odor or staining | 5 | 5 | |
| | | | 4.0 | | NO RECOVERY | 10 | 10 | |
| 5 | | | 0.0 | | SAND & GRAVEL (SP/GP): brown, coarse grained sand, no petroleum odor or staining | 15 | 15 | |
| | | 80% | 0.0 | | SAND (SM): brown, coarse grained, no petroleum odor or staining | 20 | 20 | |
| | | | 0.0 | | | 25 | 25 | |
| | | | 0.0 | | | 30 | 30 | |
| | | 60% | 2.5 | | SAND & GRAVEL (SP/GP): brown, coarse grained sand, no petroleum odor or staining | 35 | 35 | |
| | | | 0.9 | | SAND (SM): gray, coarse grained, moderate petroleum odor | 40 | 40 | |
| | | | | | | 45 | 45 | |
| | | | | | | 50 | 50 | |

P1-13'-14'

LEGEND

- BLS Below Land Surface
- PID Photo Ionization Detector, Units in parts per million (ppm)

NOTES: _____

NOTE: CLASSIFICATION OF SOILS BASED ON THE UNITED SOILS CLASSIFICATION SYSTEM.

| | |
|--|--|
| | EUGENE OFFICE 32986 Roberts Court Coburg, Oregon 97408 ph. 541.484.9484 fax. 541.484.4188 PORTLAND OFFICE 25195 SW Parkway Ave., Suite 207 Wilsonville, Oregon 97070 ph. 503.570.9484 fax. 503.570.0384 |
|--|--|

PROBE LOG

PROBE NO.: P2
 PROJECT CODE: 4J40DEC.25UC
 CADD FILE: 4J40DEC.25UC
 PROJECT: 4-J TRANSPORTATION CENTER
 LOCATION: 1944 WEST 8th AVENUE
EUGENE, OREGON

TOTAL DEPTH: 20'
 SURFACE ELEVATION: N/A
 PROBING METHOD: MACRO CORE
 PROBED BY: BB&A ENVIRONMENTAL
 LOGGED BY: JORDAN KHIN-STANG
 DATE COMPLETED: 10/07/25

| DEPTH (feet) | SAMPLE IDENTIFICATION AND LAB RESULTS | MC RECOVERY | PID | H ₂ O LEVEL | LITHOLOGIC DESCRIPTION | LITHOLOGY | DEPTH (feet) | PROBE ABANDONMENT |
|--------------|---------------------------------------|-------------|-----|------------------------|---|-----------|--------------|-------------------|
| 0 | | | 0.0 | | ASPHALT NO RECOVERY | ▨ | 0 | |
| | | 60% | 0.0 | | Gravelly SAND (SM): brown & grey, no petroleum odor or staining | ▒ | | |
| | | | 0.0 | | SAND (SM): brown, coarse grained w/ small gravel, no petroleum odor or staining | ▒ | | |
| 5 | | | 0.0 | | NO RECOVERY | ▒ | 5 | |
| | | 80% | 0.0 | | SAND (SM): brown, coarse grained w/ small gravel, no petroleum odor or staining | ▒ | | |
| | | | 0.0 | | | ▒ | | |
| | | 80% | 0.0 | | | ▒ | | |
| | | | 0.0 | | | ▒ | | |
| 10 | | | 0.0 | | | ▒ | 10 | |
| | | 80% | 0.0 | | SAND (SM): brown, coarse grained w/ small gravel, no petroleum odor or staining | ▒ | | |
| | | | 0.0 | | | ▒ | | |
| | | 80% | 0.0 | | | ▒ | | |
| | | | 0.0 | | | ▒ | | |
| 15 | P2-14'-15' | | 1.5 | | SAND (SM): dark gray, coarse grained, moderate petroleum odor | ▒ | 15 | |
| | | 100% | 0.0 | | Sandy GRAVEL (GM): no petroleum odor or staining | ▒ | | |
| | | | 0.0 | | | ▒ | | |
| | | | 0.0 | | Clayey SILT (ML): deep red, no petroleum odor or staining | ▒ | | |
| 20 | | | 0.0 | | | ▒ | 20 | |
| | | | | | | ▒ | | |
| 25 | | | | | | ▒ | 25 | |

LEGEND

- BLS Below Land Surface
- PID Photo Ionization Detector, Units in parts per million (ppm)

NOTES: _____


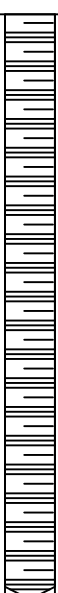







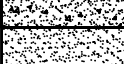
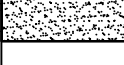

NOTE: CLASSIFICATION OF SOILS BASED ON THE UNITED SOILS CLASSIFICATION SYSTEM.

| | |
|--|--|
| | EUGENE OFFICE 32986 Roberts Court Coburg, Oregon 97408 ph. 541.484.9484 fax. 541.484.4188 |
| | PORTLAND OFFICE 25195 SW Parkway Ave., Suite 207 Wilsonville, Oregon 97070 ph. 503.570.9484 fax. 503.570.0384 |

PROBE LOG

PROBE NO.: P3
 PROJECT CODE: 4J40DEC.25UC
 CADD FILE: 4J40DEC.25UC
 PROJECT: 4-J TRANSPORTATION CENTER
 LOCATION: 1944 WEST 8th AVENUE
EUGENE, OREGON

TOTAL DEPTH: 15'
 SURFACE ELEVATION: N/A
 PROBING METHOD: MACRO CORE
 PROBED BY: BB&A ENVIRONMENTAL
 LOGGED BY: JORDAN KHIN-STANG
 DATE COMPLETED: 10/07/25


| DEPTH (feet) | SAMPLE IDENTIFICATION AND LAB RESULTS | MC RECOVERY | PID | H ₂ O LEVEL | LITHOLOGIC DESCRIPTION | LITHOLOGY | DEPTH (feet) | PROBE ABANDONMENT |
|--------------|---------------------------------------|-------------|-----|------------------------|---|---|--------------|--|
| 0 | | | 0.0 | | ASPHALT NO RECOVERY |  | 0 |  |
| | | 60% | 0.0 | | GRAVEL (GM): brown & grey, w/ sand, no petroleum odor or staining |  | | |
| | | | 0.0 | | SAND (SM): med. brown, coarse grained sand w/ small gravel, no petroleum odor or staining |  | | |
| 5 | | | 0.0 | | NO RECOVERY |  | 5 | |
| | | 80% | 0.0 | | SAND (SM): med. brown, coarse grained sand w/ small gravel, no petroleum odor or staining |  | | |
| | | | 0.0 | | |  | | |
| | | 80% | 0.0 | | SAND (SM): med brown, coarse grained sand w/ small gravel, no petroleum odor or staining |  | | |
| 10 | | | 0.0 | | |  | 10 | |
| | | | 0.0 | | SAND (SM): med brown, coarse grained sand w/ small gravel, no petroleum odor or staining |  | | |
| | | | 0.0 | | SAND (SM): gray, coarse grained, no petroleum odor or staining |  | | |
| 15 | P3-14'-15' | | 0.0 | | REFUSAL @ 15' BLS |  | 15 | |
| 20 | | | | | | | 20 | |
| 25 | | | | | | | 25 | |

LEGEND

- BLS Below Land Surface
- PID Photo Ionization Detector, Units in parts per million (ppm)

NOTES: _____

NOTE: CLASSIFICATION OF SOILS BASED ON THE UNITED SOILS CLASSIFICATION SYSTEM.

| | |
|--|--|
|  | EUGENE OFFICE 32986 Roberts Court Coburg, Oregon 97408 ph. 541.484.9484 fax. 541.484.4188 |
| | PORTLAND OFFICE 25195 SW Parkway Ave., Suite 207 Wilsonville, Oregon 97070 ph. 503.570.9484 fax. 503.570.0384 |

PROBE LOG

PROBE NO.: P4
 PROJECT CODE: 4J40DEC.25UC
 CADD FILE: 4J40DEC.25UC
 PROJECT: 4-J TRANSPORTATION CENTER
 LOCATION: 1944 WEST 8th AVENUE
EUGENE, OREGON

TOTAL DEPTH: 15'
 SURFACE ELEVATION: N/A
 PROBING METHOD: MACRO CORE
 PROBED BY: BB&A ENVIRONMENTAL
 LOGGED BY: JORDAN KHIN-STANG
 DATE COMPLETED: 10/07/25

| DEPTH (feet) | SAMPLE IDENTIFICATION AND LAB RESULTS | MC RECOVERY | PID | H ₂ O LEVEL | LITHOLOGIC DESCRIPTION | LITHOLOGY | DEPTH (feet) | PROBE ABANDONMENT |
|--------------|---------------------------------------|-------------|------|------------------------|--|-----------|--------------|-------------------|
| 0 | | | 0.0 | | ASPHALT NO RECOVERY | ▨ | 0 | |
| | | 60% | 0.0 | | SAND & GRAVEL (SP/GP): brown, coarse grained sand, no petroleum odor or staining | ●●●● | | |
| | | | 0.0 | | | | | |
| | | | 0.0 | | | | | |
| 5 | | | 0.0 | | NO RECOVERY | ▨ | 5 | |
| | | 60% | 0.0 | | SAND & GRAVEL (SP/GP): brown, coarse grained sand, no petroleum odor or staining | ●●●● | | |
| | | | 0.0 | | | | | |
| | | | 0.0 | WD ▼ | | | | |
| 10 | | | 0.0 | | SAND & GRAVEL (SP/GP): brown, coarse grained sand, no petroleum odor or staining | ●●●● | 10 | |
| | | 80% | 24.5 | | SAND (SM): gray, coarse grained, some gravel, strong petroleum odor or staining | ●●●● | | |
| | P4-13'-14' P4-GW | | 23.9 | | | | | |
| 15 | | | 13.2 | | REFUSAL @ 15' BLS | ▨ | 15 | |
| | | | | | | | | |
| 20 | | | | | | | 20 | |
| | | | | | | | | |
| 25 | | | | | | | 25 | |

LEGEND

- BLS Below Land Surface
- PID Photo Ionization Detector, Units in parts per million (ppm)
- WD Water Level in borehole during drilling (i.e. first encountered)

NOTES: Depth To Water 10.3'

NOTE: CLASSIFICATION OF SOILS BASED ON THE UNITED SOILS CLASSIFICATION SYSTEM.

| | |
|--|--|
| | EUGENE OFFICE 32986 Roberts Court Coburg, Oregon 97408 ph. 541.484.9484 fax. 541.484.4188 |
| | PORTLAND OFFICE 25195 SW Parkway Ave., Suite 207 Wilsonville, Oregon 97070 ph. 503.570.9484 fax. 503.570.0384 |

PROBE LOG

PROBE NO.: P6
 PROJECT CODE: 4J40DEC.25UC
 CADD FILE: 4J40DEC.25UC
 PROJECT: 4-J TRANSPORTATION CENTER
 LOCATION: 1944 WEST 8th AVENUE
EUGENE, OREGON

TOTAL DEPTH: 15'
 SURFACE ELEVATION: N/A
 PROBING METHOD: MACRO CORE
 PROBED BY: BB&A ENVIRONMENTAL
 LOGGED BY: JORDAN KHIN-STANG
 DATE COMPLETED: 10/07/25

| DEPTH (feet) | SAMPLE IDENTIFICATION AND LAB RESULTS | MC RECOVERY | PID | H ₂ O LEVEL | LITHOLOGIC DESCRIPTION | LITHOLOGY | DEPTH (feet) | PROBE ABANDONMENT |
|--------------|---------------------------------------|-------------|-----|------------------------|---|-----------|--------------|-------------------|
| 0 | | | 0.0 | | ASPHALT - NO RECOVERY | ▨ | 0 | |
| | | 40% | 0.0 | | | | | |
| | | | 0.0 | | - SAND (SM): brown, w/ gravel, no petroleum odor or staining | ▒ | | |
| | | | 0.0 | | | | | |
| 5 | | | 0.0 | | - NO RECOVERY | | 5 | |
| | | 60% | 3.5 | | - SAND (SM): brown, w/ gravel, no petroleum odor or staining | ▒ | | |
| | | | 1.2 | | | | | |
| | | | 0.6 | | | | 10 | |
| | | 80% | 1.2 | | - Silty CLAY (CL): med. brown, slight petroleum odor | ▒ | | |
| | | | 10 | | | | | |
| | | | 12 | | - SAND (SM): gray, coarse grained sand w/ gravel, moderate petroleum odor | ▒ | | |
| 15 | P6-14'-15' (+dup) | | | | - REFUSAL @ 15' BLS | | 15 | |
| | | | | | | | 20 | |
| | | | | | | | 25 | |

LEGEND

- BLS Below Land Surface
- PID Photo Ionization Detector, Units in parts per million (ppm)

NOTES: _____

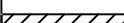
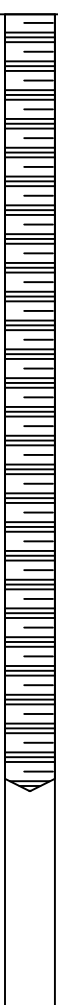
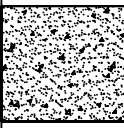
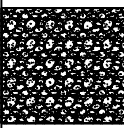
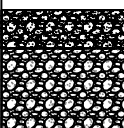
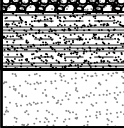

NOTE: CLASSIFICATION OF SOILS BASED ON THE UNITED SOILS CLASSIFICATION SYSTEM.

| | |
|--|--|
| | EUGENE OFFICE 32986 Roberts Court Coburg, Oregon 97408 ph. 541.484.9484 fax. 541.484.4188 |
| | PORTLAND OFFICE 25195 SW Parkway Ave., Suite 207 Wilsonville, Oregon 97070 ph. 503.570.9484 fax. 503.570.0384 |

PROBE LOG

PROBE NO.: P7
 PROJECT CODE: 4J40DEC.25UC
 CADD FILE: 4J40DEC.25UC
 PROJECT: 4-J TRANSPORTATION CENTER
 LOCATION: 1944 WEST 8th AVENUE
EUGENE, OREGON

TOTAL DEPTH: 20'
 SURFACE ELEVATION: N/A
 PROBING METHOD: MACRO CORE
 PROBED BY: BB&A ENVIRONMENTAL
 LOGGED BY: JORDAN KHIN-STANG
 DATE COMPLETED: 10/07/25


| DEPTH (feet) | SAMPLE IDENTIFICATION AND LAB RESULTS | MC RECOVERY | PID | H ₂ O LEVEL | LITHOLOGIC DESCRIPTION | LITHOLOGY | DEPTH (feet) | PROBE ABANDONMENT |
|--------------|---------------------------------------|-------------|------|------------------------|--|---|--------------|--|
| 0 | | | | | ASPHALT NO RECOVERY |  | 0 |  |
| 5 | | 60% | | | SAND (SM): brown, coarse grained w/ small gravel, no petroleum odor or staining NO RECOVERY |  | 5 | |
| 10 | | 60% | 2.7 | | Silty SAND & GRAVEL (SP/GP): brown |  | 10 | |
| 15 | P7-14'-15' | 60% | 122 | | Silty SAND & GRAVEL (SP/GP): brown SAND & GRAVEL (SP/GP): dark grey, strong petroleum odor |  | 15 | |
| 20 | P7-17'-18' | 100% | 19.1 | | Clayey SILT (SM): deep red, no petroleum odor or staining SILT (ML): light brown, no petroleum odor or staining |  | 20 | |
| 25 | | | 12 | | |  | 25 | |

LEGEND

- BLS Below Land Surface
- PID Photo Ionization Detector, Units in parts per million (ppm)

NOTES: _____

NOTE: CLASSIFICATION OF SOILS BASED ON THE UNITED SOILS CLASSIFICATION SYSTEM.

| | |
|--|--|
|  | EUGENE OFFICE 32986 Roberts Court Coburg, Oregon 97408 ph. 541.484.9484 fax. 541.484.4188 |
| | PORTLAND OFFICE 25195 SW Parkway Ave., Suite 207 Wilsonville, Oregon 97070 ph. 503.570.9484 fax. 503.570.0384 |

PROBE LOG

PROBE NO.: P8
 PROJECT CODE: 4J40DEC.25UC
 CADD FILE: 4J40DEC.25UC
 PROJECT: 4-J TRANSPORTATION CENTER
 LOCATION: 1944 WEST 8th AVENUE
EUGENE, OREGON

TOTAL DEPTH: 15'
 SURFACE ELEVATION: N/A
 PROBING METHOD: MACRO CORE
 PROBED BY: BB&A ENVIRONMENTAL
 LOGGED BY: JORDAN KHIN-STANG
 DATE COMPLETED: 10/07/25

| DEPTH (feet) | SAMPLE IDENTIFICATION AND LAB RESULTS | MC RECOVERY | PID | H ₂ O LEVEL | LITHOLOGIC DESCRIPTION | LITHOLOGY | DEPTH (feet) | PROBE ABANDONMENT |
|--------------|---------------------------------------|-------------|-----|------------------------|--|--------------------------|--------------|-----------------------------|
| 0 | | | 0.0 | | CONCRETE - NO RECOVERY | [Hatched Pattern] | 0 | [Probe Abandonment Diagram] |
| | | 60% | 0.0 | | - SAND (SM): brown, coarse grained sand w/ gravel | [Stippled Pattern] | | |
| | | | 0.0 | | - Silty SAND (SM): brown, no petroleum odor or staining | [Dotted Pattern] | | |
| 5 | | | 0.0 | | - NO RECOVERY | [Blank] | 5 | |
| | | 60% | 3.5 | | - Silty SAND (SM): brown, w/ gravel, no petroleum odor or staining | [Dotted Pattern] | | |
| | | | 1.2 | | | [Blank] | | |
| 10 | | | 0.6 | | - SAND & Small PEBBLES (SP/GP): grey, coarse grained sand | [Dark Stippled Pattern] | 10 | |
| | | | 1.2 | | | [Blank] | | |
| | | 100% | 10 | | | [Blank] | | |
| | | | 12 | | - SAND (SM): gray, coarse grained, moderate petroleum odor | [Light Stippled Pattern] | | |
| 15 | P8-14'-15' | | | | - REFUSAL @ 15' BLS | [Blank] | 15 | |
| | | | | | | [Blank] | | |
| 20 | | | | | | [Blank] | 20 | |
| | | | | | | [Blank] | | |
| 25 | | | | | | [Blank] | 25 | |

LEGEND

- BLS Below Land Surface
- PID Photo Ionization Detector, Units in parts per million (ppm)

NOTES: _____

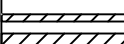


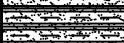
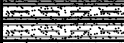



NOTE: CLASSIFICATION OF SOILS BASED ON THE UNITED SOILS CLASSIFICATION SYSTEM.

| | |
|--|--|
| | EUGENE OFFICE 32986 Roberts Court Coburg, Oregon 97408 ph. 541.484.9484 fax. 541.484.4188 |
| | PORTLAND OFFICE 25195 SW Parkway Ave., Suite 207 Wilsonville, Oregon 97070 ph. 503.570.9484 fax. 503.570.0384 |

PROBE LOG

PROBE NO.: P9
 PROJECT CODE: 4J40DEC.25UC
 CADD FILE: 4J40DEC.25UC
 PROJECT: 4-J TRANSPORTATION CENTER
 LOCATION: 1944 WEST 8th AVENUE
EUGENE, OREGON

TOTAL DEPTH: 5'
 SURFACE ELEVATION: N/A
 PROBING METHOD: MACRO CORE
 PROBED BY: BB&A ENVIRONMENTAL
 LOGGED BY: JORDAN KHIN-STANG
 DATE COMPLETED: 10/07/25


| DEPTH (feet) | SAMPLE IDENTIFICATION AND LAB RESULTS | MC RECOVERY | PID | H ₂ O LEVEL | LITHOLOGIC DESCRIPTION | LITHOLOGY | DEPTH (feet) | PROBE ABANDONMENT |
|--------------|---------------------------------------|-------------|-----|--|---|---|--------------|---|
| 0 | P9-3'-4' | 910% | 0.0 | | CONCRETE |  | 0 |  |
| 0 | | | | NO RECOVERY |  | 0 | | |
| 0 | | | | CONCRETE & FILL |  | 0 | | |
| 0 | | | | SAND (SM): brown, coarse grained sand w/ small gravel, no petroleum odor or staining |  | 0 | | |
| 0 | | | | Silty CLAY (CL): dark gray/brown, no petroleum odor or staining |  | 0 | | |
| 0 | | | | Clayey SILT (ML): brown, no petroleum odor or staining |  | 0 | | |
| 5 | | | 0.0 | | SILT (ML): med. brown, no petroleum odor or staining |  | 5 | |
| 10 | | | | | | | 10 | |
| 15 | | | | | | | 15 | |
| 20 | | | | | | | 20 | |
| 25 | | | | | | | 25 | |

LEGEND

- BLS Below Land Surface
- PID Photo Ionization Detector, Units in parts per million (ppm)

NOTES: _____

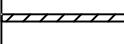


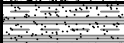


NOTE: CLASSIFICATION OF SOILS BASED ON THE UNITED SOILS CLASSIFICATION SYSTEM.

| | |
|--|--|
|  | EUGENE OFFICE 32986 Roberts Court Coburg, Oregon 97408 ph. 541.484.9484 fax. 541.484.4188 |
| | PORTLAND OFFICE 25195 SW Parkway Ave., Suite 207 Wilsonville, Oregon 97070 ph. 503.570.9484 fax. 503.570.0384 |

PROBE LOG

PROBE NO.: P10
 PROJECT CODE: 4J40DEC.25UC
 CADD FILE: 4J40DEC.25UC
 PROJECT: 4-J TRANSPORTATION CENTER
 LOCATION: 1944 WEST 8th AVENUE
EUGENE, OREGON

TOTAL DEPTH: 5'
 SURFACE ELEVATION: N/A
 PROBING METHOD: MACRO CORE
 PROBED BY: BB&A ENVIRONMENTAL
 LOGGED BY: JORDAN KHIN-STANG
 DATE COMPLETED: 10/07/25


| DEPTH (feet) | SAMPLE IDENTIFICATION AND LAB RESULTS | MC RECOVERY | PID | H ₂ O LEVEL | LITHOLOGIC DESCRIPTION | LITHOLOGY | DEPTH (feet) | PROBE ABANDONMENT |
|--------------|---------------------------------------|-------------|-----|------------------------|--|---|---|---|
| 0 | P10-3'-4' | 70% | 0.0 | | CONCRETE - NO RECOVERY |  | 0 |  |
| 0 | | | 0.0 | | CONCRETE & FILL |  | 0 | |
| 0 | | | 0.0 | | SAND (SM): brown, coarse grained sand w/ small gravel, no petroleum odor or staining |  | 0 | |
| 0 | | | 0.0 | | SILT (ML): med. brown, w/ clay, no petroleum odor or staining |  | 0 | |
| 5 | | | 0.0 | | | |  | |
| 10 | | | | | | 10 | | |
| 15 | | | | | | 15 | | |
| 20 | | | | | | 20 | | |
| 25 | | | | | | 25 | | |

LEGEND

- BLS Below Land Surface
- PID Photo Ionization Detector, Units in parts per million (ppm)

NOTES: _____

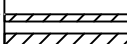


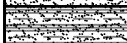
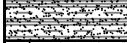


NOTE: CLASSIFICATION OF SOILS BASED ON THE UNITED SOILS CLASSIFICATION SYSTEM.

| | |
|--|--|
|  | EUGENE OFFICE 32986 Roberts Court Coburg, Oregon 97408 ph. 541.484.9484 fax. 541.484.4188 |
| | PORTLAND OFFICE 25195 SW Parkway Ave., Suite 207 Wilsonville, Oregon 97070 ph. 503.570.9484 fax. 503.570.0384 |

PROBE LOG

PROBE NO.: P11
 PROJECT CODE: 4J40DEC.25UC
 CADD FILE: 4J40DEC.25UC
 PROJECT: 4-J TRANSPORTATION CENTER
 LOCATION: 1944 WEST 8th AVENUE
EUGENE, OREGON

TOTAL DEPTH: 5'
 SURFACE ELEVATION: N/A
 PROBING METHOD: MACRO CORE
 PROBED BY: BB&A ENVIRONMENTAL
 LOGGED BY: JORDAN KHIN-STANG
 DATE COMPLETED: 10/07/25


| DEPTH (feet) | SAMPLE IDENTIFICATION AND LAB RESULTS | MC RECOVERY | PID | H ₂ O LEVEL | LITHOLOGIC DESCRIPTION | LITHOLOGY | DEPTH (feet) | PROBE ABANDONMENT |
|--------------|---------------------------------------|-------------|-----|--|---|---|--------------|---|
| 0 | P11-3'-4' | 910% | 0.0 | | CONCRETE |  | 0 |  |
| 0.0 | | | | NO RECOVERY |  | 0.0 | | |
| 0.0 | | | | CONCRETE & FILL |  | 0.0 | | |
| 0.0 | | | | SAND (SM): brown, coarse grained sand w/ small gravel, no petroleum odor or staining |  | 0.0 | | |
| 0.0 | | | | Clayey SILT (ML): brown, no petroleum odor or staining |  | 0.0 | | |
| 0.0 | | | | SILT (ML): med. brown, no petroleum odor or staining |  | 0.0 | | |
| 5 | | | | | | 5 | | |
| 10 | | | | | | 10 | | |
| 15 | | | | | | 15 | | |
| 20 | | | | | | 20 | | |
| 25 | | | | | | 25 | | |

LEGEND

- BLS Below Land Surface
- PID Photo Ionization Detector, Units in parts per million (ppm)

NOTES: _____

NOTE: CLASSIFICATION OF SOILS BASED ON THE UNITED SOILS CLASSIFICATION SYSTEM.

| | |
|--|---|
|  | <p>EUGENE OFFICE 32986 Roberts Court Coburg, Oregon 97408 ph. 541.484.9484 fax. 541.484.4188</p> <p>PORTLAND OFFICE 25195 SW Parkway Ave., Suite 207 Wilsonville, Oregon 97070 ph. 503.570.9484 fax. 503.570.0384</p> |
|--|---|

ATTACHMENT C

Draft Laboratory Report



ANALYTICAL REPORT

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

Monday, October 20, 2025
Matthew Luczak
BB&A Environmental - Eugene
PO Box 40187
Eugene, OR 97404

RE: A5J1316 - 4-J Transportation Center - 4J40DEC.25UC

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 A5J1316, which was received by the laboratory on 10/9/2025 at 9:45:00AM.

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 1.9 degC



DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

BB&A Environmental - Eugene

PO Box 40187
Eugene, OR 97404

Project: **4-J Transportation Center**

Project Number: 4J40DEC.25UC

Project Manager: Matthew Luczak

Report ID:

A5J1316 - 10 20 25 1605

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

| Client Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|------------------|---------------|--------|----------------|----------------|
| P1-13'-14' | A5J1316-01 | Soil | 10/07/25 11:15 | 10/09/25 09:45 |
| P2-14'-15' | A5J1316-02 | Soil | 10/07/25 11:30 | 10/09/25 09:45 |
| P3-14'-15' | A5J1316-03 | Soil | 10/07/25 12:00 | 10/09/25 09:45 |
| P4-13'-14' | A5J1316-04 | Soil | 10/07/25 10:45 | 10/09/25 09:45 |
| P5-13'-14' | A5J1316-05 | Soil | 10/07/25 11:45 | 10/09/25 09:45 |
| P6-14'-15' | A5J1316-06 | Soil | 10/07/25 10:35 | 10/09/25 09:45 |
| P6-14'-15'-DUP | A5J1316-07 | Soil | 10/07/25 10:35 | 10/09/25 09:45 |
| P7-14'15' | A5J1316-08 | Soil | 10/07/25 10:00 | 10/09/25 09:45 |
| P7-17'-18' | A5J1316-09 | Soil | 10/07/25 10:15 | 10/09/25 09:45 |
| P8-14'-15' | A5J1316-10 | Soil | 10/07/25 10:15 | 10/09/25 09:45 |
| P9-3'-4' | A5J1316-11 | Soil | 10/07/25 09:05 | 10/09/25 09:45 |
| P10-3'-4' | A5J1316-12 | Soil | 10/07/25 08:55 | 10/09/25 09:45 |
| P11-3'-4' | A5J1316-13 | Soil | 10/07/25 08:50 | 10/09/25 09:45 |
| P4-GW | A5J1316-14 | Water | 10/07/25 11:00 | 10/09/25 09:45 |
| P4-GW-DUP | A5J1316-15 | Water | 10/07/25 11:00 | 10/09/25 09:45 |
| MW-NW | A5J1316-16 | Water | 10/07/25 11:10 | 10/09/25 09:45 |
| MW-SE | A5J1316-17 | Water | 10/07/25 11:30 | 10/09/25 09:45 |
| FIELD-BLANK | A5J1316-18 | Water | 10/07/25 11:55 | 10/09/25 09:45 |

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

| | | |
|--|--|---|
| BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404 | Project: 4-J Transportation Center Project Number: 4J40DEC.25UC Project Manager: Matthew Luczak | Report ID: A5J1316 - 10 20 25 1605 |
|--|--|---|

ANALYTICAL SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

| Analyte | Sample Result | Detection Limit | Reporting Limit | Units | Dilution | Date Analyzed | Method Ref. | Notes |
|--------------------------------------|---------------|------------------------|-----------------|-------------------------|----------|-----------------------|-----------------------|-------------------|
| P1-13'-14' (A5J1316-01) | | | | Matrix: Soil | | Batch: 25J0359 | | |
| Gasoline Range Organics | ND | --- | 23.1 | mg/kg dry | 1 | 10/09/25 20:53 | NWTPH-HCID | |
| Diesel Range Organics | ND | --- | 57.9 | mg/kg dry | 1 | 10/09/25 20:53 | NWTPH-HCID | |
| Oil Range Organics | ND | --- | 116 | mg/kg dry | 1 | 10/09/25 20:53 | NWTPH-HCID | |
| <i>Surrogate: o-Terphenyl (Surr)</i> | | <i>Recovery: 105 %</i> | | <i>Limits: 50-150 %</i> | | <i>1</i> | <i>10/09/25 20:53</i> | <i>NWTPH-HCID</i> |
| <i>4-Bromofluorobenzene (Surr)</i> | | <i>118 %</i> | | <i>50-150 %</i> | | <i>1</i> | <i>10/09/25 20:53</i> | <i>NWTPH-HCID</i> |
| P2-14'-15' (A5J1316-02) | | | | Matrix: Soil | | Batch: 25J0359 | | |
| Gasoline Range Organics | ND | --- | 22.1 | mg/kg dry | 1 | 10/09/25 21:41 | NWTPH-HCID | |
| Diesel Range Organics | ND | --- | 55.2 | mg/kg dry | 1 | 10/09/25 21:41 | NWTPH-HCID | |
| Oil Range Organics | ND | --- | 110 | mg/kg dry | 1 | 10/09/25 21:41 | NWTPH-HCID | |
| <i>Surrogate: o-Terphenyl (Surr)</i> | | <i>Recovery: 120 %</i> | | <i>Limits: 50-150 %</i> | | <i>1</i> | <i>10/09/25 21:41</i> | <i>NWTPH-HCID</i> |
| <i>4-Bromofluorobenzene (Surr)</i> | | <i>128 %</i> | | <i>50-150 %</i> | | <i>1</i> | <i>10/09/25 21:41</i> | <i>NWTPH-HCID</i> |
| P3-14'-15' (A5J1316-03) | | | | Matrix: Soil | | Batch: 25J0359 | | |
| Gasoline Range Organics | ND | --- | 23.4 | mg/kg dry | 1 | 10/09/25 22:05 | NWTPH-HCID | |
| Diesel Range Organics | ND | --- | 58.5 | mg/kg dry | 1 | 10/09/25 22:05 | NWTPH-HCID | |
| Oil Range Organics | ND | --- | 117 | mg/kg dry | 1 | 10/09/25 22:05 | NWTPH-HCID | |
| <i>Surrogate: o-Terphenyl (Surr)</i> | | <i>Recovery: 79 %</i> | | <i>Limits: 50-150 %</i> | | <i>1</i> | <i>10/09/25 22:05</i> | <i>NWTPH-HCID</i> |
| <i>4-Bromofluorobenzene (Surr)</i> | | <i>86 %</i> | | <i>50-150 %</i> | | <i>1</i> | <i>10/09/25 22:05</i> | <i>NWTPH-HCID</i> |
| P4-13'-14' (A5J1316-04) | | | | Matrix: Soil | | Batch: 25J0359 | | |
| Gasoline Range Organics | ND | --- | 22.9 | mg/kg dry | 1 | 10/09/25 22:29 | NWTPH-HCID | |
| Diesel Range Organics | ND | --- | 57.2 | mg/kg dry | 1 | 10/09/25 22:29 | NWTPH-HCID | |
| Oil Range Organics | ND | --- | 114 | mg/kg dry | 1 | 10/09/25 22:29 | NWTPH-HCID | |
| <i>Surrogate: o-Terphenyl (Surr)</i> | | <i>Recovery: 104 %</i> | | <i>Limits: 50-150 %</i> | | <i>1</i> | <i>10/09/25 22:29</i> | <i>NWTPH-HCID</i> |
| <i>4-Bromofluorobenzene (Surr)</i> | | <i>119 %</i> | | <i>50-150 %</i> | | <i>1</i> | <i>10/09/25 22:29</i> | <i>NWTPH-HCID</i> |
| P5-13'-14' (A5J1316-05) | | | | Matrix: Soil | | Batch: 25J0359 | | |
| Gasoline Range Organics | ND | --- | 23.2 | mg/kg dry | 1 | 10/09/25 22:53 | NWTPH-HCID | |
| Diesel Range Organics | ND | --- | 58.1 | mg/kg dry | 1 | 10/09/25 22:53 | NWTPH-HCID | |
| Oil Range Organics | ND | --- | 116 | mg/kg dry | 1 | 10/09/25 22:53 | NWTPH-HCID | |
| <i>Surrogate: o-Terphenyl (Surr)</i> | | <i>Recovery: 93 %</i> | | <i>Limits: 50-150 %</i> | | <i>1</i> | <i>10/09/25 22:53</i> | <i>NWTPH-HCID</i> |
| <i>4-Bromofluorobenzene (Surr)</i> | | <i>106 %</i> | | <i>50-150 %</i> | | <i>1</i> | <i>10/09/25 22:53</i> | <i>NWTPH-HCID</i> |
| P6-14'-15' (A5J1316-06) | | | | Matrix: Soil | | Batch: 25J0359 | | |

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

| | | |
|--|--|---|
| BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404 | Project: 4-J Transportation Center Project Number: 4J40DEC.25UC Project Manager: Matthew Luczak | Report ID: A5J1316 - 10 20 25 1605 |
|--|--|---|

ANALYTICAL SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

| Analyte | Sample Result | Detection Limit | Reporting Limit | Units | Dilution | Date Analyzed | Method Ref. | Notes |
|--------------------------------------|---------------|-----------------|------------------------|-------------------------|----------|-----------------------|-------------------|-------|
| P6-14'-15' (A5J1316-06) | | | | Matrix: Soil | | Batch: 25J0359 | | |
| Gasoline Range Organics | ND | --- | 22.4 | mg/kg dry | 1 | 10/09/25 23:17 | NWTPH-HCID | |
| Diesel Range Organics | ND | --- | 56.0 | mg/kg dry | 1 | 10/09/25 23:17 | NWTPH-HCID | |
| Oil Range Organics | ND | --- | 112 | mg/kg dry | 1 | 10/09/25 23:17 | NWTPH-HCID | |
| <i>Surrogate: o-Terphenyl (Surr)</i> | | | <i>Recovery: 86 %</i> | <i>Limits: 50-150 %</i> | <i>1</i> | <i>10/09/25 23:17</i> | <i>NWTPH-HCID</i> | |
| <i>4-Bromofluorobenzene (Surr)</i> | | | <i>87 %</i> | <i>50-150 %</i> | <i>1</i> | <i>10/09/25 23:17</i> | <i>NWTPH-HCID</i> | |
| P6-14'-15'-DUP (A5J1316-07) | | | | Matrix: Soil | | Batch: 25J0359 | | |
| Gasoline Range Organics | ND | --- | 21.4 | mg/kg dry | 1 | 10/09/25 23:41 | NWTPH-HCID | |
| Diesel Range Organics | ND | --- | 53.6 | mg/kg dry | 1 | 10/09/25 23:41 | NWTPH-HCID | |
| Oil Range Organics | ND | --- | 107 | mg/kg dry | 1 | 10/09/25 23:41 | NWTPH-HCID | |
| <i>Surrogate: o-Terphenyl (Surr)</i> | | | <i>Recovery: 93 %</i> | <i>Limits: 50-150 %</i> | <i>1</i> | <i>10/09/25 23:41</i> | <i>NWTPH-HCID</i> | |
| <i>4-Bromofluorobenzene (Surr)</i> | | | <i>102 %</i> | <i>50-150 %</i> | <i>1</i> | <i>10/09/25 23:41</i> | <i>NWTPH-HCID</i> | |
| P7-14'15' (A5J1316-08) | | | | Matrix: Soil | | Batch: 25J0359 | | |
| Gasoline Range Organics | ND | --- | 22.4 | mg/kg dry | 1 | 10/10/25 00:05 | NWTPH-HCID | |
| Diesel Range Organics | ND | --- | 55.9 | mg/kg dry | 1 | 10/10/25 00:05 | NWTPH-HCID | |
| Oil Range Organics | ND | --- | 112 | mg/kg dry | 1 | 10/10/25 00:05 | NWTPH-HCID | |
| <i>Surrogate: o-Terphenyl (Surr)</i> | | | <i>Recovery: 100 %</i> | <i>Limits: 50-150 %</i> | <i>1</i> | <i>10/10/25 00:05</i> | <i>NWTPH-HCID</i> | |
| <i>4-Bromofluorobenzene (Surr)</i> | | | <i>105 %</i> | <i>50-150 %</i> | <i>1</i> | <i>10/10/25 00:05</i> | <i>NWTPH-HCID</i> | |
| P7-17'-18' (A5J1316-09) | | | | Matrix: Soil | | Batch: 25J0359 | | |
| Gasoline Range Organics | ND | --- | 25.8 | mg/kg dry | 1 | 10/10/25 00:29 | NWTPH-HCID | |
| Diesel Range Organics | ND | --- | 64.4 | mg/kg dry | 1 | 10/10/25 00:29 | NWTPH-HCID | |
| Oil Range Organics | ND | --- | 129 | mg/kg dry | 1 | 10/10/25 00:29 | NWTPH-HCID | |
| <i>Surrogate: o-Terphenyl (Surr)</i> | | | <i>Recovery: 86 %</i> | <i>Limits: 50-150 %</i> | <i>1</i> | <i>10/10/25 00:29</i> | <i>NWTPH-HCID</i> | |
| <i>4-Bromofluorobenzene (Surr)</i> | | | <i>82 %</i> | <i>50-150 %</i> | <i>1</i> | <i>10/10/25 00:29</i> | <i>NWTPH-HCID</i> | |
| P8-14'-15' (A5J1316-10) | | | | Matrix: Soil | | Batch: 25J0359 | | |
| Gasoline Range Organics | ND | --- | 22.3 | mg/kg dry | 1 | 10/10/25 00:53 | NWTPH-HCID | |
| Diesel Range Organics | ND | --- | 55.9 | mg/kg dry | 1 | 10/10/25 00:53 | NWTPH-HCID | |
| Oil Range Organics | ND | --- | 112 | mg/kg dry | 1 | 10/10/25 00:53 | NWTPH-HCID | |
| <i>Surrogate: o-Terphenyl (Surr)</i> | | | <i>Recovery: 94 %</i> | <i>Limits: 50-150 %</i> | <i>1</i> | <i>10/10/25 00:53</i> | <i>NWTPH-HCID</i> | |
| <i>4-Bromofluorobenzene (Surr)</i> | | | <i>101 %</i> | <i>50-150 %</i> | <i>1</i> | <i>10/10/25 00:53</i> | <i>NWTPH-HCID</i> | |
| P9-3'-4' (A5J1316-11RE1) | | | | Matrix: Soil | | Batch: 25J0429 | | |

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

| | | |
|--|--|---|
| BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404 | Project: 4-J Transportation Center Project Number: 4J40DEC.25UC Project Manager: Matthew Luczak | Report ID: A5J1316 - 10 20 25 1605 |
|--|--|---|

ANALYTICAL SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

| Analyte | Sample Result | Detection Limit | Reporting Limit | Units | Dilution | Date Analyzed | Method Ref. | Notes |
|--------------------------------------|---------------|-----------------------|-----------------|-------------------------|----------|-----------------------|-----------------------|-------------------|
| P9-3'-4' (A5J1316-11RE1) | | | | Matrix: Soil | | Batch: 25J0429 | | |
| Gasoline Range Organics | ND | --- | 27.2 | mg/kg dry | 1 | 10/13/25 21:35 | NWTPH-HCID | |
| Diesel Range Organics | ND | --- | 67.9 | mg/kg dry | 1 | 10/13/25 21:35 | NWTPH-HCID | |
| Oil Range Organics | ND | --- | 136 | mg/kg dry | 1 | 10/13/25 21:35 | NWTPH-HCID | |
| <i>Surrogate: o-Terphenyl (Surr)</i> | | <i>Recovery: 86 %</i> | | <i>Limits: 50-150 %</i> | | <i>1</i> | <i>10/13/25 21:35</i> | <i>NWTPH-HCID</i> |
| <i>4-Bromofluorobenzene (Surr)</i> | | <i>104 %</i> | | <i>50-150 %</i> | | <i>1</i> | <i>10/13/25 21:35</i> | <i>NWTPH-HCID</i> |
| P10-3'-4' (A5J1316-12) | | | | Matrix: Soil | | Batch: 25J0359 | | |
| Gasoline Range Organics | ND | --- | 27.2 | mg/kg dry | 1 | 10/10/25 01:41 | NWTPH-HCID | |
| Diesel Range Organics | ND | --- | 67.9 | mg/kg dry | 1 | 10/10/25 01:41 | NWTPH-HCID | |
| Oil Range Organics | ND | --- | 136 | mg/kg dry | 1 | 10/10/25 01:41 | NWTPH-HCID | |
| <i>Surrogate: o-Terphenyl (Surr)</i> | | <i>Recovery: 96 %</i> | | <i>Limits: 50-150 %</i> | | <i>1</i> | <i>10/10/25 01:41</i> | <i>NWTPH-HCID</i> |
| <i>4-Bromofluorobenzene (Surr)</i> | | <i>77 %</i> | | <i>50-150 %</i> | | <i>1</i> | <i>10/10/25 01:41</i> | <i>NWTPH-HCID</i> |
| P11-3'-4' (A5J1316-13) | | | | Matrix: Soil | | Batch: 25J0359 | | |
| Gasoline Range Organics | ND | --- | 25.0 | mg/kg dry | 1 | 10/10/25 02:05 | NWTPH-HCID | |
| Diesel Range Organics | ND | --- | 62.5 | mg/kg dry | 1 | 10/10/25 02:05 | NWTPH-HCID | |
| Oil Range Organics | ND | --- | 125 | mg/kg dry | 1 | 10/10/25 02:05 | NWTPH-HCID | |
| <i>Surrogate: o-Terphenyl (Surr)</i> | | <i>Recovery: 88 %</i> | | <i>Limits: 50-150 %</i> | | <i>1</i> | <i>10/10/25 02:05</i> | <i>NWTPH-HCID</i> |
| <i>4-Bromofluorobenzene (Surr)</i> | | <i>73 %</i> | | <i>50-150 %</i> | | <i>1</i> | <i>10/10/25 02:05</i> | <i>NWTPH-HCID</i> |

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

| | | |
|--|--|---|
| BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404 | Project: 4-J Transportation Center Project Number: 4J40DEC.25UC Project Manager: Matthew Luczak | Report ID: A5J1316 - 10 20 25 1605 |
|--|--|---|

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 |
|--------------------------------------|---------------|-----------------|------------------------|-------------------------|----------|-----------------------|--------------------|-------------------|
| P4-GW (A5J1316-14) | | | | Matrix: Water | | Batch: 25J0448 | | DCNT |
| Diesel | 1.25 | --- | 0.0899 | mg/L | 1 | 10/14/25 10:02 | NWTPH-Dx LL | F-13 |
| Oil | ND | --- | 0.180 | mg/L | 1 | 10/14/25 10:02 | NWTPH-Dx LL | |
| <i>Surrogate: o-Terphenyl (Surr)</i> | | | <i>Recovery: 111 %</i> | <i>Limits: 50-150 %</i> | <i>1</i> | <i>10/14/25 10:02</i> | <i>NWTPH-Dx LL</i> | |
| P4-GW-DUP (A5J1316-15) | | | | Matrix: Water | | Batch: 25J0448 | | DCNT |
| Diesel | 1.49 | --- | 0.0920 | mg/L | 1 | 10/14/25 10:42 | NWTPH-Dx LL | F-13 |
| Oil | ND | --- | 0.184 | mg/L | 1 | 10/14/25 10:42 | NWTPH-Dx LL | |
| <i>Surrogate: o-Terphenyl (Surr)</i> | | | <i>Recovery: 121 %</i> | <i>Limits: 50-150 %</i> | <i>1</i> | <i>10/14/25 10:42</i> | <i>NWTPH-Dx LL</i> | |
| MW-NW (A5J1316-16) | | | | Matrix: Water | | Batch: 25J0448 | | DCNT, PRES |
| Diesel | ND | --- | 0.105 | mg/L | 1 | 10/14/25 11:23 | NWTPH-Dx LL | |
| Oil | ND | --- | 0.211 | mg/L | 1 | 10/14/25 11:23 | NWTPH-Dx LL | |
| <i>Surrogate: o-Terphenyl (Surr)</i> | | | <i>Recovery: 119 %</i> | <i>Limits: 50-150 %</i> | <i>1</i> | <i>10/14/25 11:23</i> | <i>NWTPH-Dx LL</i> | |
| MW-SE (A5J1316-17) | | | | Matrix: Water | | Batch: 25J0448 | | DCNT |
| Diesel | 0.0947 | --- | 0.0879 | mg/L | 1 | 10/14/25 11:43 | NWTPH-Dx LL | F-11 |
| Oil | ND | --- | 0.176 | mg/L | 1 | 10/14/25 11:43 | NWTPH-Dx LL | |
| <i>Surrogate: o-Terphenyl (Surr)</i> | | | <i>Recovery: 122 %</i> | <i>Limits: 50-150 %</i> | <i>1</i> | <i>10/14/25 11:43</i> | <i>NWTPH-Dx LL</i> | |

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

| | | |
|--|--|---|
| BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404 | Project: 4-J Transportation Center Project Number: 4J40DEC.25UC Project Manager: Matthew Luczak | Report ID: A5J1316 - 10 20 25 1605 |
|--|--|---|

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 |
|--|---------------|------------------------|-----------------|-------------------------|----------|-----------------------|----------------------|-------|
| P4-GW (A5J1316-14) | | | | Matrix: Water | | Batch: 25J0423 | | |
| Gasoline Range Organics | 0.613 | --- | 0.100 | mg/L | 1 | 10/13/25 16:23 | NWTPH-Gx (MS) | |
| <i>Surrogate: 4-Bromofluorobenzene (Sur)</i> | | <i>Recovery: 102 %</i> | | <i>Limits: 50-150 %</i> | <i>1</i> | <i>10/13/25 16:23</i> | <i>NWTPH-Gx (MS)</i> | |
| <i>1,4-Difluorobenzene (Sur)</i> | | | <i>103 %</i> | <i>50-150 %</i> | <i>1</i> | <i>10/13/25 16:23</i> | <i>NWTPH-Gx (MS)</i> | |
| P4-GW-DUP (A5J1316-15RE1) | | | | Matrix: Water | | Batch: 25J0423 | | |
| Gasoline Range Organics | 0.536 | --- | 0.100 | mg/L | 1 | 10/13/25 15:02 | NWTPH-Gx (MS) | |
| <i>Surrogate: 4-Bromofluorobenzene (Sur)</i> | | <i>Recovery: 100 %</i> | | <i>Limits: 50-150 %</i> | <i>1</i> | <i>10/13/25 15:02</i> | <i>NWTPH-Gx (MS)</i> | |
| <i>1,4-Difluorobenzene (Sur)</i> | | | <i>102 %</i> | <i>50-150 %</i> | <i>1</i> | <i>10/13/25 15:02</i> | <i>NWTPH-Gx (MS)</i> | |
| MW-NW (A5J1316-16RE1) | | | | Matrix: Water | | Batch: 25J0423 | | |
| Gasoline Range Organics | ND | --- | 0.100 | mg/L | 1 | 10/13/25 15:29 | NWTPH-Gx (MS) | |
| <i>Surrogate: 4-Bromofluorobenzene (Sur)</i> | | <i>Recovery: 100 %</i> | | <i>Limits: 50-150 %</i> | <i>1</i> | <i>10/13/25 15:29</i> | <i>NWTPH-Gx (MS)</i> | |
| <i>1,4-Difluorobenzene (Sur)</i> | | | <i>103 %</i> | <i>50-150 %</i> | <i>1</i> | <i>10/13/25 15:29</i> | <i>NWTPH-Gx (MS)</i> | |
| MW-SE (A5J1316-17RE1) | | | | Matrix: Water | | Batch: 25J0423 | | |
| Gasoline Range Organics | ND | --- | 0.100 | mg/L | 1 | 10/13/25 15:56 | NWTPH-Gx (MS) | |
| <i>Surrogate: 4-Bromofluorobenzene (Sur)</i> | | <i>Recovery: 103 %</i> | | <i>Limits: 50-150 %</i> | <i>1</i> | <i>10/13/25 15:56</i> | <i>NWTPH-Gx (MS)</i> | |
| <i>1,4-Difluorobenzene (Sur)</i> | | | <i>102 %</i> | <i>50-150 %</i> | <i>1</i> | <i>10/13/25 15:56</i> | <i>NWTPH-Gx (MS)</i> | |

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

| | | |
|--|--|---|
| BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404 | Project: 4-J Transportation Center Project Number: 4J40DEC.25UC Project Manager: Matthew Luczak | Report ID: A5J1316 - 10 20 25 1605 |
|--|--|---|

ANALYTICAL SAMPLE RESULTS

BTEX+N Compounds by EPA 8260D

| Analyte | Sample Result | Detection Limit | Reporting Limit | Units | Dilution | Date Analyzed | Method Ref. | Notes |
|--|---------------|------------------------|---------------------|-------------------------|-----------------------|----------------|-----------------------|--------------------|
| P1-13'-14' (A5J1316-01) | | | Matrix: Soil | | Batch: 25J0477 | | | |
| Benzene | ND | --- | 14.6 | ug/kg dry | 50 | 10/14/25 15:46 | 5035A/8260D | |
| Toluene | ND | --- | 72.8 | ug/kg dry | 50 | 10/14/25 15:46 | 5035A/8260D | |
| Ethylbenzene | ND | --- | 36.4 | ug/kg dry | 50 | 10/14/25 15:46 | 5035A/8260D | |
| Xylenes, total | ND | --- | 109 | ug/kg dry | 50 | 10/14/25 15:46 | 5035A/8260D | |
| Naphthalene | ND | --- | 146 | ug/kg dry | 50 | 10/14/25 15:46 | 5035A/8260D | |
| <i>Surrogate: 1,4-Difluorobenzene (Surr)</i> | | <i>Recovery: 108 %</i> | | <i>Limits: 80-120 %</i> | | <i>1</i> | <i>10/14/25 15:46</i> | <i>5035A/8260D</i> |
| <i>Toluene-d8 (Surr)</i> | | <i>96 %</i> | | <i>80-120 %</i> | | <i>1</i> | <i>10/14/25 15:46</i> | <i>5035A/8260D</i> |
| <i>4-Bromofluorobenzene (Surr)</i> | | <i>96 %</i> | | <i>79-120 %</i> | | <i>1</i> | <i>10/14/25 15:46</i> | <i>5035A/8260D</i> |
| P2-14'-15' (A5J1316-02) | | | Matrix: Soil | | Batch: 25J0477 | | | |
| Benzene | ND | --- | 13.2 | ug/kg dry | 50 | 10/14/25 16:41 | 5035A/8260D | |
| Toluene | ND | --- | 66.0 | ug/kg dry | 50 | 10/14/25 16:41 | 5035A/8260D | |
| Ethylbenzene | ND | --- | 33.0 | ug/kg dry | 50 | 10/14/25 16:41 | 5035A/8260D | |
| Xylenes, total | ND | --- | 99.0 | ug/kg dry | 50 | 10/14/25 16:41 | 5035A/8260D | |
| Naphthalene | ND | --- | 132 | ug/kg dry | 50 | 10/14/25 16:41 | 5035A/8260D | |
| <i>Surrogate: 1,4-Difluorobenzene (Surr)</i> | | <i>Recovery: 109 %</i> | | <i>Limits: 80-120 %</i> | | <i>1</i> | <i>10/14/25 16:41</i> | <i>5035A/8260D</i> |
| <i>Toluene-d8 (Surr)</i> | | <i>96 %</i> | | <i>80-120 %</i> | | <i>1</i> | <i>10/14/25 16:41</i> | <i>5035A/8260D</i> |
| <i>4-Bromofluorobenzene (Surr)</i> | | <i>97 %</i> | | <i>79-120 %</i> | | <i>1</i> | <i>10/14/25 16:41</i> | <i>5035A/8260D</i> |
| P3-14'-15' (A5J1316-03) | | | Matrix: Soil | | Batch: 25J0477 | | | |
| Benzene | ND | --- | 13.5 | ug/kg dry | 50 | 10/14/25 17:08 | 5035A/8260D | |
| Toluene | ND | --- | 67.6 | ug/kg dry | 50 | 10/14/25 17:08 | 5035A/8260D | |
| Ethylbenzene | ND | --- | 33.8 | ug/kg dry | 50 | 10/14/25 17:08 | 5035A/8260D | |
| Xylenes, total | ND | --- | 101 | ug/kg dry | 50 | 10/14/25 17:08 | 5035A/8260D | |
| Naphthalene | ND | --- | 135 | ug/kg dry | 50 | 10/14/25 17:08 | 5035A/8260D | |
| <i>Surrogate: 1,4-Difluorobenzene (Surr)</i> | | <i>Recovery: 106 %</i> | | <i>Limits: 80-120 %</i> | | <i>1</i> | <i>10/14/25 17:08</i> | <i>5035A/8260D</i> |
| <i>Toluene-d8 (Surr)</i> | | <i>96 %</i> | | <i>80-120 %</i> | | <i>1</i> | <i>10/14/25 17:08</i> | <i>5035A/8260D</i> |
| <i>4-Bromofluorobenzene (Surr)</i> | | <i>97 %</i> | | <i>79-120 %</i> | | <i>1</i> | <i>10/14/25 17:08</i> | <i>5035A/8260D</i> |
| P4-13'-14' (A5J1316-04) | | | Matrix: Soil | | Batch: 25J0477 | | | |
| Benzene | ND | --- | 13.1 | ug/kg dry | 50 | 10/14/25 17:36 | 5035A/8260D | |
| Toluene | ND | --- | 65.4 | ug/kg dry | 50 | 10/14/25 17:36 | 5035A/8260D | |
| Ethylbenzene | ND | --- | 32.7 | ug/kg dry | 50 | 10/14/25 17:36 | 5035A/8260D | |
| Xylenes, total | ND | --- | 98.1 | ug/kg dry | 50 | 10/14/25 17:36 | 5035A/8260D | |
| Naphthalene | ND | --- | 131 | ug/kg dry | 50 | 10/14/25 17:36 | 5035A/8260D | |
| <i>Surrogate: 1,4-Difluorobenzene (Surr)</i> | | <i>Recovery: 109 %</i> | | <i>Limits: 80-120 %</i> | | <i>1</i> | <i>10/14/25 17:36</i> | <i>5035A/8260D</i> |

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

| | | |
|--|--|---|
| BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404 | Project: 4-J Transportation Center Project Number: 4J40DEC.25UC Project Manager: Matthew Luczak | Report ID: A5J1316 - 10 20 25 1605 |
|--|--|---|

ANALYTICAL SAMPLE RESULTS

BTEX+N Compounds by EPA 8260D

| Analyte | Sample Result | Detection Limit | Reporting Limit | Units | Dilution | Date Analyzed | Method Ref. | Notes |
|---------------------------------------|---------------|-----------------|-----------------|---------------------|----------|-----------------------|-------------|-------|
| P4-13'-14' (A5J1316-04) | | | | Matrix: Soil | | Batch: 25J0477 | | |
| Toluene-d8 (Surr) | | | 97 % | 80-120 % | 1 | 10/14/25 17:36 | 5035A/8260D | |
| 4-Bromofluorobenzene (Surr) | | | 100 % | 79-120 % | 1 | 10/14/25 17:36 | 5035A/8260D | |
| P5-13'-14' (A5J1316-05) | | | | Matrix: Soil | | Batch: 25J0477 | | |
| Benzene | ND | --- | 13.9 | ug/kg dry | 50 | 10/14/25 18:03 | 5035A/8260D | |
| Toluene | ND | --- | 69.6 | ug/kg dry | 50 | 10/14/25 18:03 | 5035A/8260D | |
| Ethylbenzene | ND | --- | 34.8 | ug/kg dry | 50 | 10/14/25 18:03 | 5035A/8260D | |
| Xylenes, total | ND | --- | 104 | ug/kg dry | 50 | 10/14/25 18:03 | 5035A/8260D | |
| Naphthalene | ND | --- | 139 | ug/kg dry | 50 | 10/14/25 18:03 | 5035A/8260D | |
| Surrogate: 1,4-Difluorobenzene (Surr) | | | Recovery: 107 % | Limits: 80-120 % | 1 | 10/14/25 18:03 | 5035A/8260D | |
| Toluene-d8 (Surr) | | | 96 % | 80-120 % | 1 | 10/14/25 18:03 | 5035A/8260D | |
| 4-Bromofluorobenzene (Surr) | | | 95 % | 79-120 % | 1 | 10/14/25 18:03 | 5035A/8260D | |
| P6-14'-15' (A5J1316-06) | | | | Matrix: Soil | | Batch: 25J0477 | | |
| Benzene | ND | --- | 12.9 | ug/kg dry | 50 | 10/14/25 18:30 | 5035A/8260D | |
| Toluene | ND | --- | 64.3 | ug/kg dry | 50 | 10/14/25 18:30 | 5035A/8260D | |
| Ethylbenzene | ND | --- | 32.1 | ug/kg dry | 50 | 10/14/25 18:30 | 5035A/8260D | |
| Xylenes, total | ND | --- | 96.4 | ug/kg dry | 50 | 10/14/25 18:30 | 5035A/8260D | |
| Naphthalene | ND | --- | 129 | ug/kg dry | 50 | 10/14/25 18:30 | 5035A/8260D | |
| Surrogate: 1,4-Difluorobenzene (Surr) | | | Recovery: 108 % | Limits: 80-120 % | 1 | 10/14/25 18:30 | 5035A/8260D | |
| Toluene-d8 (Surr) | | | 96 % | 80-120 % | 1 | 10/14/25 18:30 | 5035A/8260D | |
| 4-Bromofluorobenzene (Surr) | | | 95 % | 79-120 % | 1 | 10/14/25 18:30 | 5035A/8260D | |
| P6-14'-15'-DUP (A5J1316-07) | | | | Matrix: Soil | | Batch: 25J0477 | | |
| Benzene | ND | --- | 12.3 | ug/kg dry | 50 | 10/14/25 18:58 | 5035A/8260D | |
| Toluene | ND | --- | 61.4 | ug/kg dry | 50 | 10/14/25 18:58 | 5035A/8260D | |
| Ethylbenzene | ND | --- | 30.7 | ug/kg dry | 50 | 10/14/25 18:58 | 5035A/8260D | |
| Xylenes, total | ND | --- | 92.1 | ug/kg dry | 50 | 10/14/25 18:58 | 5035A/8260D | |
| Naphthalene | ND | --- | 123 | ug/kg dry | 50 | 10/14/25 18:58 | 5035A/8260D | |
| Surrogate: 1,4-Difluorobenzene (Surr) | | | Recovery: 109 % | Limits: 80-120 % | 1 | 10/14/25 18:58 | 5035A/8260D | |
| Toluene-d8 (Surr) | | | 96 % | 80-120 % | 1 | 10/14/25 18:58 | 5035A/8260D | |
| 4-Bromofluorobenzene (Surr) | | | 96 % | 79-120 % | 1 | 10/14/25 18:58 | 5035A/8260D | |
| P7-14'15' (A5J1316-08) | | | | Matrix: Soil | | Batch: 25J0477 | | |
| Benzene | ND | --- | 12.7 | ug/kg dry | 50 | 10/14/25 19:25 | 5035A/8260D | |
| Toluene | ND | --- | 63.3 | ug/kg dry | 50 | 10/14/25 19:25 | 5035A/8260D | |

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

| | | |
|--|--|---|
| BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404 | Project: 4-J Transportation Center Project Number: 4J40DEC.25UC Project Manager: Matthew Luczak | Report ID: A5J1316 - 10 20 25 1605 |
|--|--|---|

ANALYTICAL SAMPLE RESULTS

BTEX+N Compounds by EPA 8260D

| Analyte | Sample Result | Detection Limit | Reporting Limit | Units | Dilution | Date Analyzed | Method Ref. | Notes |
|--|---------------|------------------------|-----------------|-------------------------|----------|-----------------------|-----------------------|-----------------------|
| P7-14'15' (A5J1316-08) | | | | Matrix: Soil | | Batch: 25J0477 | | |
| Ethylbenzene | ND | --- | 31.7 | ug/kg dry | 50 | 10/14/25 19:25 | 5035A/8260D | |
| Xylenes, total | ND | --- | 95.0 | ug/kg dry | 50 | 10/14/25 19:25 | 5035A/8260D | |
| Naphthalene | ND | --- | 127 | ug/kg dry | 50 | 10/14/25 19:25 | 5035A/8260D | |
| <i>Surrogate: 1,4-Difluorobenzene (Surr)</i> | | <i>Recovery: 108 %</i> | | <i>Limits: 80-120 %</i> | | <i>1</i> | <i>10/14/25 19:25</i> | <i>5035A/8260D</i> |
| <i>Toluene-d8 (Surr)</i> | | | | <i>97 %</i> | | <i>80-120 %</i> | <i>1</i> | <i>10/14/25 19:25</i> |
| <i>4-Bromofluorobenzene (Surr)</i> | | | | <i>96 %</i> | | <i>79-120 %</i> | <i>1</i> | <i>10/14/25 19:25</i> |
| P7-17'18' (A5J1316-09) | | | | Matrix: Soil | | Batch: 25J0477 | | |
| Benzene | ND | --- | 16.2 | ug/kg dry | 50 | 10/14/25 19:52 | 5035A/8260D | |
| Toluene | ND | --- | 80.9 | ug/kg dry | 50 | 10/14/25 19:52 | 5035A/8260D | |
| Ethylbenzene | ND | --- | 40.5 | ug/kg dry | 50 | 10/14/25 19:52 | 5035A/8260D | |
| Xylenes, total | ND | --- | 121 | ug/kg dry | 50 | 10/14/25 19:52 | 5035A/8260D | |
| Naphthalene | ND | --- | 162 | ug/kg dry | 50 | 10/14/25 19:52 | 5035A/8260D | |
| <i>Surrogate: 1,4-Difluorobenzene (Surr)</i> | | <i>Recovery: 107 %</i> | | <i>Limits: 80-120 %</i> | | <i>1</i> | <i>10/14/25 19:52</i> | <i>5035A/8260D</i> |
| <i>Toluene-d8 (Surr)</i> | | | | <i>96 %</i> | | <i>80-120 %</i> | <i>1</i> | <i>10/14/25 19:52</i> |
| <i>4-Bromofluorobenzene (Surr)</i> | | | | <i>97 %</i> | | <i>79-120 %</i> | <i>1</i> | <i>10/14/25 19:52</i> |
| P8-14'15' (A5J1316-10) | | | | Matrix: Soil | | Batch: 25J0477 | | |
| Benzene | ND | --- | 13.0 | ug/kg dry | 50 | 10/14/25 20:19 | 5035A/8260D | |
| Toluene | ND | --- | 64.8 | ug/kg dry | 50 | 10/14/25 20:19 | 5035A/8260D | |
| Ethylbenzene | ND | --- | 32.4 | ug/kg dry | 50 | 10/14/25 20:19 | 5035A/8260D | |
| Xylenes, total | ND | --- | 97.2 | ug/kg dry | 50 | 10/14/25 20:19 | 5035A/8260D | |
| Naphthalene | ND | --- | 130 | ug/kg dry | 50 | 10/14/25 20:19 | 5035A/8260D | |
| <i>Surrogate: 1,4-Difluorobenzene (Surr)</i> | | <i>Recovery: 109 %</i> | | <i>Limits: 80-120 %</i> | | <i>1</i> | <i>10/14/25 20:19</i> | <i>5035A/8260D</i> |
| <i>Toluene-d8 (Surr)</i> | | | | <i>96 %</i> | | <i>80-120 %</i> | <i>1</i> | <i>10/14/25 20:19</i> |
| <i>4-Bromofluorobenzene (Surr)</i> | | | | <i>98 %</i> | | <i>79-120 %</i> | <i>1</i> | <i>10/14/25 20:19</i> |
| P9-3'-4' (A5J1316-11) | | | | Matrix: Soil | | Batch: 25J0477 | | |
| Benzene | ND | --- | 13.5 | ug/kg dry | 50 | 10/14/25 20:47 | 5035A/8260D | |
| Toluene | ND | --- | 67.4 | ug/kg dry | 50 | 10/14/25 20:47 | 5035A/8260D | |
| Ethylbenzene | ND | --- | 33.7 | ug/kg dry | 50 | 10/14/25 20:47 | 5035A/8260D | |
| Xylenes, total | ND | --- | 101 | ug/kg dry | 50 | 10/14/25 20:47 | 5035A/8260D | |
| Naphthalene | ND | --- | 135 | ug/kg dry | 50 | 10/14/25 20:47 | 5035A/8260D | |
| <i>Surrogate: 1,4-Difluorobenzene (Surr)</i> | | <i>Recovery: 109 %</i> | | <i>Limits: 80-120 %</i> | | <i>1</i> | <i>10/14/25 20:47</i> | <i>5035A/8260D</i> |
| <i>Toluene-d8 (Surr)</i> | | | | <i>97 %</i> | | <i>80-120 %</i> | <i>1</i> | <i>10/14/25 20:47</i> |
| <i>4-Bromofluorobenzene (Surr)</i> | | | | <i>95 %</i> | | <i>79-120 %</i> | <i>1</i> | <i>10/14/25 20:47</i> |

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

| | | |
|--|---|--------------------------------|
| BB&A Environmental - Eugene | Project: 4-J Transportation Center | |
| PO Box 40187 | Project Number: 4J40DEC.25UC | Report ID: |
| Eugene, OR 97404 | Project Manager: Matthew Luczak | A5J1316 - 10 20 25 1605 |

ANALYTICAL SAMPLE RESULTS

BTEX+N Compounds by EPA 8260D

| Analyte | Sample Result | Detection Limit | Reporting Limit | Units | Dilution | Date Analyzed | Method Ref. | Notes |
|--|---------------|------------------------|----------------------|-------------------------|-----------------------|----------------|-----------------------|--------------------|
| P9-3'-4' (A5J1316-11) | | | Matrix: Soil | | Batch: 25J0477 | | | |
| Benzene | ND | --- | 17.9 | ug/kg dry | 50 | 10/14/25 21:14 | 5035A/8260D | |
| Toluene | ND | --- | 89.6 | ug/kg dry | 50 | 10/14/25 21:14 | 5035A/8260D | |
| Ethylbenzene | ND | --- | 44.8 | ug/kg dry | 50 | 10/14/25 21:14 | 5035A/8260D | |
| Xylenes, total | ND | --- | 134 | ug/kg dry | 50 | 10/14/25 21:14 | 5035A/8260D | |
| Naphthalene | ND | --- | 179 | ug/kg dry | 50 | 10/14/25 21:14 | 5035A/8260D | |
| <i>Surrogate: 1,4-Difluorobenzene (Surr)</i> | | <i>Recovery: 109 %</i> | | <i>Limits: 80-120 %</i> | | <i>1</i> | <i>10/14/25 21:14</i> | <i>5035A/8260D</i> |
| <i>Toluene-d8 (Surr)</i> | | <i>97 %</i> | | <i>80-120 %</i> | | <i>1</i> | <i>10/14/25 21:14</i> | <i>5035A/8260D</i> |
| <i>4-Bromofluorobenzene (Surr)</i> | | <i>96 %</i> | | <i>79-120 %</i> | | <i>1</i> | <i>10/14/25 21:14</i> | <i>5035A/8260D</i> |
| P10-3'-4' (A5J1316-12) | | | Matrix: Soil | | Batch: 25J0477 | | | |
| Benzene | ND | --- | 14.2 | ug/kg dry | 50 | 10/14/25 21:41 | 5035A/8260D | |
| Toluene | ND | --- | 70.8 | ug/kg dry | 50 | 10/14/25 21:41 | 5035A/8260D | |
| Ethylbenzene | ND | --- | 35.4 | ug/kg dry | 50 | 10/14/25 21:41 | 5035A/8260D | |
| Xylenes, total | ND | --- | 106 | ug/kg dry | 50 | 10/14/25 21:41 | 5035A/8260D | |
| Naphthalene | ND | --- | 142 | ug/kg dry | 50 | 10/14/25 21:41 | 5035A/8260D | |
| <i>Surrogate: 1,4-Difluorobenzene (Surr)</i> | | <i>Recovery: 110 %</i> | | <i>Limits: 80-120 %</i> | | <i>1</i> | <i>10/14/25 21:41</i> | <i>5035A/8260D</i> |
| <i>Toluene-d8 (Surr)</i> | | <i>97 %</i> | | <i>80-120 %</i> | | <i>1</i> | <i>10/14/25 21:41</i> | <i>5035A/8260D</i> |
| <i>4-Bromofluorobenzene (Surr)</i> | | <i>94 %</i> | | <i>79-120 %</i> | | <i>1</i> | <i>10/14/25 21:41</i> | <i>5035A/8260D</i> |
| P11-3'-4' (A5J1316-13) | | | Matrix: Soil | | Batch: 25J0477 | | | |
| Benzene | ND | --- | 0.200 | ug/L | 1 | 10/13/25 16:23 | EPA 8260D | |
| Toluene | ND | --- | 1.00 | ug/L | 1 | 10/13/25 16:23 | EPA 8260D | |
| Ethylbenzene | ND | --- | 0.500 | ug/L | 1 | 10/13/25 16:23 | EPA 8260D | |
| Xylenes, total | ND | --- | 1.50 | ug/L | 1 | 10/13/25 16:23 | EPA 8260D | |
| Naphthalene | ND | --- | 5.00 | ug/L | 1 | 10/13/25 16:23 | EPA 8260D | |
| <i>Surrogate: 1,4-Difluorobenzene (Surr)</i> | | <i>Recovery: 99 %</i> | | <i>Limits: 80-120 %</i> | | <i>1</i> | <i>10/13/25 16:23</i> | <i>EPA 8260D</i> |
| <i>Toluene-d8 (Surr)</i> | | <i>98 %</i> | | <i>80-120 %</i> | | <i>1</i> | <i>10/13/25 16:23</i> | <i>EPA 8260D</i> |
| <i>4-Bromofluorobenzene (Surr)</i> | | <i>99 %</i> | | <i>80-120 %</i> | | <i>1</i> | <i>10/13/25 16:23</i> | <i>EPA 8260D</i> |
| P4-GW (A5J1316-14) | | | Matrix: Water | | Batch: 25J0423 | | | |
| Benzene | ND | --- | 0.200 | ug/L | 1 | 10/13/25 15:02 | EPA 8260D | |
| Toluene | ND | --- | 1.00 | ug/L | 1 | 10/13/25 15:02 | EPA 8260D | |
| Ethylbenzene | ND | --- | 0.500 | ug/L | 1 | 10/13/25 15:02 | EPA 8260D | |
| Xylenes, total | ND | --- | 1.50 | ug/L | 1 | 10/13/25 15:02 | EPA 8260D | |
| P4-GW-DUP (A5J1316-15RE1) | | | Matrix: Water | | Batch: 25J0423 | | | |
| Benzene | ND | --- | 0.200 | ug/L | 1 | 10/13/25 15:02 | EPA 8260D | |
| Toluene | ND | --- | 1.00 | ug/L | 1 | 10/13/25 15:02 | EPA 8260D | |
| Ethylbenzene | ND | --- | 0.500 | ug/L | 1 | 10/13/25 15:02 | EPA 8260D | |
| Xylenes, total | ND | --- | 1.50 | ug/L | 1 | 10/13/25 15:02 | EPA 8260D | |

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

| | | |
|--|--|---|
| BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404 | Project: 4-J Transportation Center Project Number: 4J40DEC.25UC Project Manager: Matthew Luczak | Report ID: A5J1316 - 10 20 25 1605 |
|--|--|---|

ANALYTICAL SAMPLE RESULTS

BTEX+N Compounds by EPA 8260D

| Analyte | Sample Result | Detection Limit | Reporting Limit | Units | Dilution | Date Analyzed | Method Ref. | Notes |
|--|---------------|------------------------|-----------------|-------------------------|-----------------|-----------------------|-----------------------|------------------|
| P4-GW-DUP (A5J1316-15RE1) | | | | Matrix: Water | | Batch: 25J0423 | | |
| Naphthalene | ND | --- | 5.00 | ug/L | 1 | 10/13/25 15:02 | EPA 8260D | |
| <i>Surrogate: 1,4-Difluorobenzene (Surr)</i> | | <i>Recovery: 99 %</i> | | <i>Limits: 80-120 %</i> | <i>1</i> | <i>10/13/25 15:02</i> | <i>EPA 8260D</i> | |
| <i>Toluene-d8 (Surr)</i> | | | | <i>99 %</i> | <i>80-120 %</i> | <i>1</i> | <i>10/13/25 15:02</i> | <i>EPA 8260D</i> |
| <i>4-Bromofluorobenzene (Surr)</i> | | | | <i>98 %</i> | <i>80-120 %</i> | <i>1</i> | <i>10/13/25 15:02</i> | <i>EPA 8260D</i> |
| MW-NW (A5J1316-16RE1) | | | | Matrix: Water | | Batch: 25J0423 | | |
| Benzene | ND | --- | 0.200 | ug/L | 1 | 10/13/25 15:29 | EPA 8260D | |
| Toluene | ND | --- | 1.00 | ug/L | 1 | 10/13/25 15:29 | EPA 8260D | |
| Ethylbenzene | ND | --- | 0.500 | ug/L | 1 | 10/13/25 15:29 | EPA 8260D | |
| Xylenes, total | ND | --- | 1.50 | ug/L | 1 | 10/13/25 15:29 | EPA 8260D | |
| Naphthalene | ND | --- | 5.00 | ug/L | 1 | 10/13/25 15:29 | EPA 8260D | |
| <i>Surrogate: 1,4-Difluorobenzene (Surr)</i> | | <i>Recovery: 100 %</i> | | <i>Limits: 80-120 %</i> | <i>1</i> | <i>10/13/25 15:29</i> | <i>EPA 8260D</i> | |
| <i>Toluene-d8 (Surr)</i> | | | | <i>99 %</i> | <i>80-120 %</i> | <i>1</i> | <i>10/13/25 15:29</i> | <i>EPA 8260D</i> |
| <i>4-Bromofluorobenzene (Surr)</i> | | | | <i>97 %</i> | <i>80-120 %</i> | <i>1</i> | <i>10/13/25 15:29</i> | <i>EPA 8260D</i> |
| MW-SE (A5J1316-17RE1) | | | | Matrix: Water | | Batch: 25J0423 | | |
| Benzene | ND | --- | 0.200 | ug/L | 1 | 10/13/25 15:56 | EPA 8260D | |
| Toluene | ND | --- | 1.00 | ug/L | 1 | 10/13/25 15:56 | EPA 8260D | |
| Ethylbenzene | ND | --- | 0.500 | ug/L | 1 | 10/13/25 15:56 | EPA 8260D | |
| Xylenes, total | ND | --- | 1.50 | ug/L | 1 | 10/13/25 15:56 | EPA 8260D | |
| Naphthalene | ND | --- | 5.00 | ug/L | 1 | 10/13/25 15:56 | EPA 8260D | |
| <i>Surrogate: 1,4-Difluorobenzene (Surr)</i> | | <i>Recovery: 100 %</i> | | <i>Limits: 80-120 %</i> | <i>1</i> | <i>10/13/25 15:56</i> | <i>EPA 8260D</i> | |
| <i>Toluene-d8 (Surr)</i> | | | | <i>99 %</i> | <i>80-120 %</i> | <i>1</i> | <i>10/13/25 15:56</i> | <i>EPA 8260D</i> |
| <i>4-Bromofluorobenzene (Surr)</i> | | | | <i>98 %</i> | <i>80-120 %</i> | <i>1</i> | <i>10/13/25 15:56</i> | <i>EPA 8260D</i> |
| FIELD-BLANK (A5J1316-18) | | | | Matrix: Water | | Batch: 25J0423 | | |
| Benzene | ND | --- | 0.200 | ug/L | 1 | 10/13/25 10:26 | EPA 8260D | |
| Toluene | ND | --- | 1.00 | ug/L | 1 | 10/13/25 10:26 | EPA 8260D | |
| Ethylbenzene | ND | --- | 0.500 | ug/L | 1 | 10/13/25 10:26 | EPA 8260D | |
| Xylenes, total | ND | --- | 1.50 | ug/L | 1 | 10/13/25 10:26 | EPA 8260D | |
| Naphthalene | ND | --- | 5.00 | ug/L | 1 | 10/13/25 10:26 | EPA 8260D | |
| <i>Surrogate: 1,4-Difluorobenzene (Surr)</i> | | <i>Recovery: 99 %</i> | | <i>Limits: 80-120 %</i> | <i>1</i> | <i>10/13/25 10:26</i> | <i>EPA 8260D</i> | |
| <i>Toluene-d8 (Surr)</i> | | | | <i>99 %</i> | <i>80-120 %</i> | <i>1</i> | <i>10/13/25 10:26</i> | <i>EPA 8260D</i> |
| <i>4-Bromofluorobenzene (Surr)</i> | | | | <i>97 %</i> | <i>80-120 %</i> | <i>1</i> | <i>10/13/25 10:26</i> | <i>EPA 8260D</i> |

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

| | | |
|--|--|---|
| BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404 | Project: 4-J Transportation Center Project Number: 4J40DEC.25UC Project Manager: Matthew Luczak | Report ID: A5J1316 - 10 20 25 1605 |
|--|--|---|

ANALYTICAL SAMPLE RESULTS

Polycyclic Aromatic Hydrocarbons (PAHs) by EPA 8270E (Large Volume Injection)

| Analyte | Sample Result | Detection Limit | Reporting Limit | Units | Dilution | Date Analyzed | Method Ref. | Notes |
|--|---------------|-----------------------|-----------------|-------------------------|----------|-----------------------|----------------------|-------|
| P4-GW (A5J1316-14) | | | | Matrix: Water | | Batch: 25J0438 | | |
| Acenaphthene | ND | --- | 0.405 | ug/L | 1 | 10/13/25 20:55 | EPA 8270E LVI | R-02 |
| Acenaphthylene | ND | --- | 0.191 | ug/L | 1 | 10/13/25 20:55 | EPA 8270E LVI | R-02 |
| Anthracene | ND | --- | 0.0360 | ug/L | 1 | 10/13/25 20:55 | EPA 8270E LVI | |
| Benz(a)anthracene | ND | --- | 0.0180 | ug/L | 1 | 10/13/25 20:55 | EPA 8270E LVI | |
| Benzo(a)pyrene | ND | --- | 0.0180 | ug/L | 1 | 10/13/25 20:55 | EPA 8270E LVI | |
| Benzo(b)fluoranthene | ND | --- | 0.0180 | ug/L | 1 | 10/13/25 20:55 | EPA 8270E LVI | |
| Benzo(k)fluoranthene | ND | --- | 0.0180 | ug/L | 1 | 10/13/25 20:55 | EPA 8270E LVI | |
| Benzo(g,h,i)perylene | ND | --- | 0.0360 | ug/L | 1 | 10/13/25 20:55 | EPA 8270E LVI | |
| Chrysene | ND | --- | 0.0180 | ug/L | 1 | 10/13/25 20:55 | EPA 8270E LVI | |
| Dibenz(a,h)anthracene | ND | --- | 0.0180 | ug/L | 1 | 10/13/25 20:55 | EPA 8270E LVI | |
| Fluoranthene | ND | --- | 0.0360 | ug/L | 1 | 10/13/25 20:55 | EPA 8270E LVI | |
| Fluorene | 0.418 | --- | 0.0360 | ug/L | 1 | 10/13/25 20:55 | EPA 8270E LVI | |
| Indeno(1,2,3-cd)pyrene | ND | --- | 0.0180 | ug/L | 1 | 10/13/25 20:55 | EPA 8270E LVI | |
| Naphthalene | ND | --- | 3.26 | ug/L | 1 | 10/13/25 20:55 | EPA 8270E LVI | R-02 |
| Phenanthrene | ND | --- | 0.0719 | ug/L | 1 | 10/13/25 20:55 | EPA 8270E LVI | |
| Pyrene | ND | --- | 0.0360 | ug/L | 1 | 10/13/25 20:55 | EPA 8270E LVI | |
| <i>Surrogate: Acenaphthylene-d8 (Surr)</i> | | <i>Recovery: 78 %</i> | | <i>Limits: 78-134 %</i> | <i>1</i> | <i>10/13/25 20:55</i> | <i>EPA 8270E LVI</i> | |
| <i>Benzo(a)pyrene-d12 (Surr)</i> | | <i>108 %</i> | | <i>80-132 %</i> | <i>1</i> | <i>10/13/25 20:55</i> | <i>EPA 8270E LVI</i> | |

| | | | | | | | | |
|-------------------------------|--------------|-----|--------|----------------------|---|-----------------------|---------------|------|
| P4-GW-DUP (A5J1316-15) | | | | Matrix: Water | | Batch: 25J0438 | | |
| Acenaphthene | ND | --- | 0.403 | ug/L | 1 | 10/13/25 21:28 | EPA 8270E LVI | R-02 |
| Acenaphthylene | ND | --- | 0.190 | ug/L | 1 | 10/13/25 21:28 | EPA 8270E LVI | R-02 |
| Anthracene | ND | --- | 0.0358 | ug/L | 1 | 10/13/25 21:28 | EPA 8270E LVI | |
| Benz(a)anthracene | ND | --- | 0.0179 | ug/L | 1 | 10/13/25 21:28 | EPA 8270E LVI | |
| Benzo(a)pyrene | ND | --- | 0.0179 | ug/L | 1 | 10/13/25 21:28 | EPA 8270E LVI | |
| Benzo(b)fluoranthene | ND | --- | 0.0179 | ug/L | 1 | 10/13/25 21:28 | EPA 8270E LVI | |
| Benzo(k)fluoranthene | ND | --- | 0.0179 | ug/L | 1 | 10/13/25 21:28 | EPA 8270E LVI | |
| Benzo(g,h,i)perylene | ND | --- | 0.0358 | ug/L | 1 | 10/13/25 21:28 | EPA 8270E LVI | |
| Chrysene | ND | --- | 0.0179 | ug/L | 1 | 10/13/25 21:28 | EPA 8270E LVI | |
| Dibenz(a,h)anthracene | ND | --- | 0.0179 | ug/L | 1 | 10/13/25 21:28 | EPA 8270E LVI | |
| Fluoranthene | ND | --- | 0.0358 | ug/L | 1 | 10/13/25 21:28 | EPA 8270E LVI | |
| Fluorene | 0.413 | --- | 0.0358 | ug/L | 1 | 10/13/25 21:28 | EPA 8270E LVI | |
| Indeno(1,2,3-cd)pyrene | ND | --- | 0.0179 | ug/L | 1 | 10/13/25 21:28 | EPA 8270E LVI | |
| Naphthalene | ND | --- | 3.36 | ug/L | 1 | 10/13/25 21:28 | EPA 8270E LVI | R-02 |
| Phenanthrene | ND | --- | 0.0717 | ug/L | 1 | 10/13/25 21:28 | EPA 8270E LVI | |
| Pyrene | ND | --- | 0.0358 | ug/L | 1 | 10/13/25 21:28 | EPA 8270E LVI | |

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

| | | |
|--|--|---|
| BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404 | Project: 4-J Transportation Center Project Number: 4J40DEC.25UC Project Manager: Matthew Luczak | Report ID: A5J1316 - 10 20 25 1605 |
|--|--|---|

ANALYTICAL SAMPLE RESULTS

Polycyclic Aromatic Hydrocarbons (PAHs) by EPA 8270E (Large Volume Injection)

| Analyte | Sample Result | Detection Limit | Reporting Limit | Units | Dilution | Date Analyzed | Method Ref. | Notes |
|--|---------------|-----------------------|----------------------|-------------------------|-----------------------|----------------|-----------------------|----------------------|
| P4-GW-DUP (A5J1316-15) | | | Matrix: Water | | Batch: 25J0438 | | | |
| <i>Surrogate: Acenaphthylene-d8 (Surr)</i> | | <i>Recovery: 78 %</i> | | <i>Limits: 78-134 %</i> | | <i>1</i> | <i>10/13/25 21:28</i> | <i>EPA 8270E LVI</i> |
| <i>Benzo(a)pyrene-d12 (Surr)</i> | | <i>111 %</i> | | <i>80-132 %</i> | | <i>1</i> | <i>10/13/25 21:28</i> | <i>EPA 8270E LVI</i> |
| MW-NW (A5J1316-16) | | | Matrix: Water | | Batch: 25J0438 | | | |
| Acenaphthene | ND | --- | 0.0358 | ug/L | 1 | 10/13/25 22:00 | EPA 8270E LVI | |
| Acenaphthylene | ND | --- | 0.0358 | ug/L | 1 | 10/13/25 22:00 | EPA 8270E LVI | |
| Anthracene | ND | --- | 0.0358 | ug/L | 1 | 10/13/25 22:00 | EPA 8270E LVI | |
| Benz(a)anthracene | ND | --- | 0.0179 | ug/L | 1 | 10/13/25 22:00 | EPA 8270E LVI | |
| Benzo(a)pyrene | ND | --- | 0.0179 | ug/L | 1 | 10/13/25 22:00 | EPA 8270E LVI | |
| Benzo(b)fluoranthene | ND | --- | 0.0179 | ug/L | 1 | 10/13/25 22:00 | EPA 8270E LVI | |
| Benzo(k)fluoranthene | ND | --- | 0.0179 | ug/L | 1 | 10/13/25 22:00 | EPA 8270E LVI | |
| Benzo(g,h,i)perylene | ND | --- | 0.0358 | ug/L | 1 | 10/13/25 22:00 | EPA 8270E LVI | |
| Chrysene | ND | --- | 0.0179 | ug/L | 1 | 10/13/25 22:00 | EPA 8270E LVI | |
| Dibenz(a,h)anthracene | ND | --- | 0.0179 | ug/L | 1 | 10/13/25 22:00 | EPA 8270E LVI | |
| Fluoranthene | ND | --- | 0.0358 | ug/L | 1 | 10/13/25 22:00 | EPA 8270E LVI | |
| Fluorene | ND | --- | 0.0358 | ug/L | 1 | 10/13/25 22:00 | EPA 8270E LVI | |
| Indeno(1,2,3-cd)pyrene | ND | --- | 0.0179 | ug/L | 1 | 10/13/25 22:00 | EPA 8270E LVI | |
| Naphthalene | ND | --- | 0.0717 | ug/L | 1 | 10/13/25 22:00 | EPA 8270E LVI | |
| Phenanthrene | ND | --- | 0.0717 | ug/L | 1 | 10/13/25 22:00 | EPA 8270E LVI | |
| Pyrene | 0.0529 | --- | 0.0358 | ug/L | 1 | 10/13/25 22:00 | EPA 8270E LVI | |
| <i>Surrogate: Acenaphthylene-d8 (Surr)</i> | | <i>Recovery: 84 %</i> | | <i>Limits: 78-134 %</i> | | <i>1</i> | <i>10/13/25 22:00</i> | <i>EPA 8270E LVI</i> |
| <i>Benzo(a)pyrene-d12 (Surr)</i> | | <i>111 %</i> | | <i>80-132 %</i> | | <i>1</i> | <i>10/13/25 22:00</i> | <i>EPA 8270E LVI</i> |
| MW-SE (A5J1316-17) | | | Matrix: Water | | Batch: 25J0438 | | | |
| Acenaphthene | ND | --- | 0.0355 | ug/L | 1 | 10/13/25 22:32 | EPA 8270E LVI | |
| Acenaphthylene | ND | --- | 0.0355 | ug/L | 1 | 10/13/25 22:32 | EPA 8270E LVI | |
| Anthracene | ND | --- | 0.0355 | ug/L | 1 | 10/13/25 22:32 | EPA 8270E LVI | |
| Benz(a)anthracene | ND | --- | 0.0177 | ug/L | 1 | 10/13/25 22:32 | EPA 8270E LVI | |
| Benzo(a)pyrene | ND | --- | 0.0177 | ug/L | 1 | 10/13/25 22:32 | EPA 8270E LVI | |
| Benzo(b)fluoranthene | ND | --- | 0.0177 | ug/L | 1 | 10/13/25 22:32 | EPA 8270E LVI | |
| Benzo(k)fluoranthene | ND | --- | 0.0177 | ug/L | 1 | 10/13/25 22:32 | EPA 8270E LVI | |
| Benzo(g,h,i)perylene | ND | --- | 0.0355 | ug/L | 1 | 10/13/25 22:32 | EPA 8270E LVI | |
| Chrysene | ND | --- | 0.0177 | ug/L | 1 | 10/13/25 22:32 | EPA 8270E LVI | |
| Dibenz(a,h)anthracene | ND | --- | 0.0177 | ug/L | 1 | 10/13/25 22:32 | EPA 8270E LVI | |
| Fluoranthene | ND | --- | 0.0355 | ug/L | 1 | 10/13/25 22:32 | EPA 8270E LVI | |
| Fluorene | ND | --- | 0.0355 | ug/L | 1 | 10/13/25 22:32 | EPA 8270E LVI | |

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

| | | |
|--|--|---|
| BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404 | Project: 4-J Transportation Center Project Number: 4J40DEC.25UC Project Manager: Matthew Luczak | Report ID: A5J1316 - 10 20 25 1605 |
|--|--|---|

ANALYTICAL SAMPLE RESULTS

Polycyclic Aromatic Hydrocarbons (PAHs) by EPA 8270E (Large Volume Injection)

| Analyte | Sample Result | Detection Limit | Reporting Limit | Units | Dilution | Date Analyzed | Method Ref. | Notes |
|--|---------------|-----------------|-----------------------|-------------------------|-----------------------|-----------------------|----------------------|-------|
| MW-SE (A5J1316-17) | | | Matrix: Water | | Batch: 25J0438 | | | |
| Indeno(1,2,3-cd)pyrene | ND | --- | 0.0177 | ug/L | 1 | 10/13/25 22:32 | EPA 8270E LVI | |
| Naphthalene | ND | --- | 0.0709 | ug/L | 1 | 10/13/25 22:32 | EPA 8270E LVI | |
| Phenanthrene | ND | --- | 0.0709 | ug/L | 1 | 10/13/25 22:32 | EPA 8270E LVI | |
| Pyrene | ND | --- | 0.0355 | ug/L | 1 | 10/13/25 22:32 | EPA 8270E LVI | |
| <i>Surrogate: Acenaphthylene-d8 (Surr)</i> | | | <i>Recovery: 83 %</i> | <i>Limits: 78-134 %</i> | <i>1</i> | <i>10/13/25 22:32</i> | <i>EPA 8270E LVI</i> | |
| <i>Benzo(a)pyrene-d12 (Surr)</i> | | | <i>109 %</i> | <i>80-132 %</i> | <i>1</i> | <i>10/13/25 22:32</i> | <i>EPA 8270E LVI</i> | |

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

| | | |
|--|--|---|
| BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404 | Project: 4-J Transportation Center Project Number: 4J40DEC.25UC Project Manager: Matthew Luczak | Report ID: A5J1316 - 10 20 25 1605 |
|--|--|---|

ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

| Analyte | Sample Result | Detection Limit | Reporting Limit | Units | Dilution | Date Analyzed | Method Ref. | Notes |
|------------------------------------|---------------|-----------------|-----------------|---------------------|----------|-----------------------|-------------|-------|
| P1-13'-14' (A5J1316-01) | | | | Matrix: Soil | | Batch: 25J0422 | | |
| % Solids | 81.3 | --- | 1.00 | % | 1 | 10/13/25 08:27 | EPA 8000D | |
| P2-14'-15' (A5J1316-02) | | | | Matrix: Soil | | Batch: 25J0422 | | |
| % Solids | 86.6 | --- | 1.00 | % | 1 | 10/13/25 08:27 | EPA 8000D | |
| P3-14'-15' (A5J1316-03) | | | | Matrix: Soil | | Batch: 25J0422 | | |
| % Solids | 84.9 | --- | 1.00 | % | 1 | 10/13/25 08:27 | EPA 8000D | |
| P4-13'-14' (A5J1316-04) | | | | Matrix: Soil | | Batch: 25J0422 | | |
| % Solids | 86.5 | --- | 1.00 | % | 1 | 10/13/25 08:27 | EPA 8000D | |
| P5-13'-14' (A5J1316-05) | | | | Matrix: Soil | | Batch: 25J0422 | | |
| % Solids | 83.8 | --- | 1.00 | % | 1 | 10/13/25 08:27 | EPA 8000D | |
| P6-14'-15' (A5J1316-06) | | | | Matrix: Soil | | Batch: 25J0422 | | |
| % Solids | 87.9 | --- | 1.00 | % | 1 | 10/13/25 08:27 | EPA 8000D | |
| P6-14'-15'-DUP (A5J1316-07) | | | | Matrix: Soil | | Batch: 25J0422 | | |
| % Solids | 90.1 | --- | 1.00 | % | 1 | 10/13/25 08:27 | EPA 8000D | |
| P7-14'-15' (A5J1316-08) | | | | Matrix: Soil | | Batch: 25J0422 | | |
| % Solids | 87.6 | --- | 1.00 | % | 1 | 10/13/25 08:27 | EPA 8000D | |
| P7-17'-18' (A5J1316-09) | | | | Matrix: Soil | | Batch: 25J0422 | | |
| % Solids | 76.2 | --- | 1.00 | % | 1 | 10/13/25 08:27 | EPA 8000D | |
| P8-14'-15' (A5J1316-10) | | | | Matrix: Soil | | Batch: 25J0422 | | |
| % Solids | 85.6 | --- | 1.00 | % | 1 | 10/13/25 08:27 | EPA 8000D | |
| P9-3'-4' (A5J1316-11) | | | | Matrix: Soil | | Batch: 25J0422 | | |
| % Solids | 71.7 | --- | 1.00 | % | 1 | 10/13/25 08:27 | EPA 8000D | |
| P10-3'-4' (A5J1316-12) | | | | Matrix: Soil | | Batch: 25J0422 | | |
| % Solids | 72.3 | --- | 1.00 | % | 1 | 10/13/25 08:27 | EPA 8000D | |
| P11-3'-4' (A5J1316-13) | | | | Matrix: Soil | | Batch: 25J0422 | | |

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

| | | |
|--|--|---|
| BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404 | Project: 4-J Transportation Center Project Number: 4J40DEC.25UC Project Manager: Matthew Luczak | Report ID: A5J1316 - 10 20 25 1605 |
|--|--|---|

ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

| Analyte | Sample Result | Detection Limit | Reporting Limit | Units | Dilution | Date Analyzed | Method Ref. | Notes |
|-------------------------------|---------------|-----------------|-----------------|---------------------|----------|-----------------------|-------------|-------|
| P11-3'-4' (A5J1316-13) | | | | Matrix: Soil | | Batch: 25J0422 | | |
| % Solids | 74.4 | --- | 1.00 | % | 1 | 10/13/25 08:27 | EPA 8000D | |

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

| | | |
|--|--|---|
| BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404 | Project: 4-J Transportation Center Project Number: 4J40DEC.25UC Project Manager: Matthew Luczak | Report ID: A5J1316 - 10 20 25 1605 |
|--|--|---|

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 25J0359 - NWTPH-HCID (Soil) | | | | | | Soil | | | | | | |
| Blank (25J0359-BLK1) | | Prepared: 10/09/25 13:31 Analyzed: 10/09/25 20:29 | | | | | | | | | | |
| <u>NWTPH-HCID</u> | | | | | | | | | | | | |
| 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 | --- | --- | --- | --- | --- | --- | --- |
| <i>Surr: o-Terphenyl (Surr)</i> | | <i>Recovery: 86 %</i> | | <i>Limits: 50-150 %</i> | | <i>Dilution: 1x</i> | | | | | | |
| <i>4-Bromofluorobenzene (Surr)</i> | | <i>100 %</i> | | <i>50-150 %</i> | | <i>"</i> | | | | | | |
| Duplicate (25J0359-DUP1) | | | | | | Prepared: 10/09/25 13:31 Analyzed: 10/09/25 21:17 | | | | | | |
| <u>QC Source Sample: P1-13'-14' (A5J1316-01)</u> | | | | | | | | | | | | |
| <u>NWTPH-HCID</u> | | | | | | | | | | | | |
| Gasoline Range Organics | ND | --- | 24.3 | mg/kg dry | 1 | --- | ND | --- | --- | --- | 30% | |
| Diesel Range Organics | ND | --- | 60.8 | mg/kg dry | 1 | --- | ND | --- | --- | --- | 30% | |
| Oil Range Organics | ND | --- | 122 | mg/kg dry | 1 | --- | ND | --- | --- | --- | 30% | |
| <i>Surr: o-Terphenyl (Surr)</i> | | <i>Recovery: 128 %</i> | | <i>Limits: 50-150 %</i> | | <i>Dilution: 1x</i> | | | | | | |
| <i>4-Bromofluorobenzene (Surr)</i> | | <i>143 %</i> | | <i>50-150 %</i> | | <i>"</i> | | | | | | |
| Duplicate (25J0359-DUP2) | | | | | | Prepared: 10/09/25 13:31 Analyzed: 10/10/25 02:29 | | | | | | |
| <u>QC Source Sample: P11-3'-4' (A5J1316-13)</u> | | | | | | | | | | | | |
| <u>NWTPH-HCID</u> | | | | | | | | | | | | |
| Gasoline Range Organics | ND | --- | 25.6 | mg/kg dry | 1 | --- | ND | --- | --- | --- | 30% | |
| Diesel Range Organics | ND | --- | 64.1 | mg/kg dry | 1 | --- | ND | --- | --- | --- | 30% | |
| Oil Range Organics | ND | --- | 128 | mg/kg dry | 1 | --- | ND | --- | --- | --- | 30% | |
| <i>Surr: o-Terphenyl (Surr)</i> | | <i>Recovery: 92 %</i> | | <i>Limits: 50-150 %</i> | | <i>Dilution: 1x</i> | | | | | | |
| <i>4-Bromofluorobenzene (Surr)</i> | | <i>73 %</i> | | <i>50-150 %</i> | | <i>"</i> | | | | | | |
| Batch 25J0429 - NWTPH-HCID (Soil) | | | | | | Soil | | | | | | |
| Blank (25J0429-BLK1) | | Prepared: 10/13/25 08:37 Analyzed: 10/13/25 21:11 | | | | | | | | | | |
| <u>NWTPH-HCID</u> | | | | | | | | | | | | |
| 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 | --- | --- | --- | --- | --- | --- | --- |
| <i>Surr: o-Terphenyl (Surr)</i> | | <i>Recovery: 86 %</i> | | <i>Limits: 50-150 %</i> | | <i>Dilution: 1x</i> | | | | | | |

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

| | | |
|--|--|---|
| BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404 | Project: 4-J Transportation Center Project Number: 4J40DEC.25UC Project Manager: Matthew Luczak | Report ID: A5J1316 - 10 20 25 1605 |
|--|--|---|

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 25J0429 - NWTPH-HCID (Soil) | | | | | | Soil | | | | | | |
| Blank (25J0429-BLK1) | | Prepared: 10/13/25 08:37 Analyzed: 10/13/25 21:11 | | | | | | | | | | |
| <i>Surr: 4-Bromofluorobenzene (Surr)</i> | | <i>Recovery: 101 %</i> | | <i>Limits: 50-150 %</i> | | <i>Dilution: 1x</i> | | | | | | |

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

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

| | | |
|--|--|---|
| BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404 | Project: 4-J Transportation Center Project Number: 4J40DEC.25UC Project Manager: Matthew Luczak | Report ID: A5J1316 - 10 20 25 1605 |
|--|--|---|

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 25J0448 - EPA 3510C (Fuels/Acid Ext.) | | | | | | Water | | | | | | |
| Blank (25J0448-BLK1) | | Prepared: 10/13/25 11:57 Analyzed: 10/14/25 06:48 | | | | | | | | | | |
| <u>NWTPH-Dx LL</u> | | | | | | | | | | | | |
| Diesel | ND | --- | 0.0800 | mg/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| Oil | ND | --- | 0.160 | mg/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| <i>Surr: o-Terphenyl (Surr)</i> | | <i>Recovery: 100 %</i> | | | <i>Limits: 50-150 %</i> | | <i>Dilution: 1x</i> | | | | | |
| LCS (25J0448-BS1) | | Prepared: 10/13/25 11:57 Analyzed: 10/14/25 07:08 | | | | | | | | | | |
| <u>NWTPH-Dx LL</u> | | | | | | | | | | | | |
| Diesel | 0.459 | --- | 0.0800 | mg/L | 1 | 0.500 | --- | 92 | 36 - 132% | --- | --- | --- |
| <i>Surr: o-Terphenyl (Surr)</i> | | <i>Recovery: 121 %</i> | | | <i>Limits: 50-150 %</i> | | <i>Dilution: 1x</i> | | | | | |
| LCS Dup (25J0448-BSD1) | | Prepared: 10/13/25 11:57 Analyzed: 10/14/25 07:28 | | | | | | | | | | |
| <u>NWTPH-Dx LL</u> | | | | | | | | | | | | |
| Diesel | 0.450 | --- | 0.0800 | mg/L | 1 | 0.500 | --- | 90 | 36 - 132% | 2 | 30% | Q-19 |
| <i>Surr: o-Terphenyl (Surr)</i> | | <i>Recovery: 113 %</i> | | | <i>Limits: 50-150 %</i> | | <i>Dilution: 1x</i> | | | | | |

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

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

| | | |
|--|--|---|
| BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404 | Project: 4-J Transportation Center Project Number: 4J40DEC.25UC Project Manager: Matthew Luczak | Report ID: A5J1316 - 10 20 25 1605 |
|--|--|---|

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 25J0377 - EPA 5030C | | | | | | Water | | | | | | |
| Blank (25J0377-BLK1) | | Prepared: 10/10/25 06:51 Analyzed: 10/10/25 09:32 | | | | | | | | | | |
| <u>NWTPH-Gx (MS)</u> | | | | | | | | | | | | |
| Gasoline Range Organics | ND | --- | 0.100 | mg/L | 1 | --- | --- | --- | --- | --- | --- | |
| <i>Surr: 4-Bromofluorobenzene (Sur)</i> | | <i>Recovery: 98 %</i> | | <i>Limits: 50-150 %</i> | | <i>Dilution: 1x</i> | | | | | | |
| <i>1,4-Difluorobenzene (Sur)</i> | | <i>99 %</i> | | <i>50-150 %</i> | | <i>"</i> | | | | | | |
| LCS (25J0377-BS2) | | Prepared: 10/10/25 06:51 Analyzed: 10/10/25 09:05 | | | | | | | | | | |
| <u>NWTPH-Gx (MS)</u> | | | | | | | | | | | | |
| Gasoline Range Organics | 0.476 | --- | 0.100 | mg/L | 1 | 0.500 | --- | 95 | 80 - 120% | --- | --- | |
| <i>Surr: 4-Bromofluorobenzene (Sur)</i> | | <i>Recovery: 99 %</i> | | <i>Limits: 50-150 %</i> | | <i>Dilution: 1x</i> | | | | | | |
| <i>1,4-Difluorobenzene (Sur)</i> | | <i>100 %</i> | | <i>50-150 %</i> | | <i>"</i> | | | | | | |

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

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

| | | |
|--|--|---|
| BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404 | Project: 4-J Transportation Center Project Number: 4J40DEC.25UC Project Manager: Matthew Luczak | Report ID: A5J1316 - 10 20 25 1605 |
|--|--|---|

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 25J0423 - EPA 5030C | | | | | | Water | | | | | | |
| Blank (25J0423-BLK1) | | Prepared: 10/13/25 06:50 Analyzed: 10/13/25 09:33 | | | | | | | | | | |
| <u>NWTPH-Gx (MS)</u> | | | | | | | | | | | | |
| Gasoline Range Organics | ND | --- | 0.100 | mg/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| Surr: 4-Bromofluorobenzene (Sur) | | Recovery: 98 % | | Limits: 50-150 % | | Dilution: 1x | | | | | | |
| 1,4-Difluorobenzene (Sur) | | 100 % | | 50-150 % | | " | | | | | | |
| LCS (25J0423-BS2) | | Prepared: 10/13/25 06:50 Analyzed: 10/13/25 09:05 | | | | | | | | | | |
| <u>NWTPH-Gx (MS)</u> | | | | | | | | | | | | |
| Gasoline Range Organics | 0.476 | --- | 0.100 | mg/L | 1 | 0.500 | --- | 95 | 80 - 120% | --- | --- | --- |
| Surr: 4-Bromofluorobenzene (Sur) | | Recovery: 97 % | | Limits: 50-150 % | | Dilution: 1x | | | | | | |
| 1,4-Difluorobenzene (Sur) | | 101 % | | 50-150 % | | " | | | | | | |

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

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

| | | |
|--|--|---|
| BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404 | Project: 4-J Transportation Center Project Number: 4J40DEC.25UC Project Manager: Matthew Luczak | Report ID: A5J1316 - 10 20 25 1605 |
|--|--|---|

QUALITY CONTROL (QC) SAMPLE RESULTS

BTEX+N Compounds by EPA 8260D

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Spike Amount | Source Result | % REC | % REC Limits | RPD | RPD Limit | Notes |
|---|--------|--------------------------|-----------------|--------------------------|----------|---------------------|---------------|-------|--------------|-----|-----------|-------|
| Batch 25J0377 - EPA 5030C | | | | | | Water | | | | | | |
| Blank (25J0377-BLK1) | | Prepared: 10/10/25 06:51 | | Analyzed: 10/10/25 09:32 | | | | | | | | |
| EPA 8260D | | | | | | | | | | | | |
| Benzene | ND | --- | 0.200 | ug/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| Toluene | ND | --- | 1.00 | ug/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| Ethylbenzene | ND | --- | 0.500 | ug/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| Xylenes, total | ND | --- | 1.50 | ug/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| Naphthalene | ND | --- | 5.00 | ug/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| <i>Surr: 1,4-Difluorobenzene (Surr)</i> | | <i>Recovery: 100 %</i> | | <i>Limits: 80-120 %</i> | | <i>Dilution: 1x</i> | | | | | | |
| <i>Toluene-d8 (Surr)</i> | | <i>99 %</i> | | <i>80-120 %</i> | | <i>"</i> | | | | | | |
| <i>4-Bromofluorobenzene (Surr)</i> | | <i>100 %</i> | | <i>80-120 %</i> | | <i>"</i> | | | | | | |
| <hr/> | | | | | | | | | | | | |
| LCS (25J0377-BS1) | | Prepared: 10/10/25 06:51 | | Analyzed: 10/10/25 08:37 | | | | | | | | |
| EPA 8260D | | | | | | | | | | | | |
| Benzene | 20.5 | --- | 0.200 | ug/L | 1 | 20.0 | --- | 103 | 80 - 120% | --- | --- | --- |
| Toluene | 21.3 | --- | 1.00 | ug/L | 1 | 20.0 | --- | 107 | 80 - 120% | --- | --- | --- |
| Ethylbenzene | 21.4 | --- | 0.500 | ug/L | 1 | 20.0 | --- | 107 | 80 - 120% | --- | --- | --- |
| Xylenes, total | 62.6 | --- | 1.50 | ug/L | 1 | 60.0 | --- | 104 | 80 - 120% | --- | --- | --- |
| Naphthalene | 21.6 | --- | 5.00 | ug/L | 1 | 20.0 | --- | 108 | 80 - 120% | --- | --- | --- |
| <i>Surr: 1,4-Difluorobenzene (Surr)</i> | | <i>Recovery: 100 %</i> | | <i>Limits: 80-120 %</i> | | <i>Dilution: 1x</i> | | | | | | |
| <i>Toluene-d8 (Surr)</i> | | <i>100 %</i> | | <i>80-120 %</i> | | <i>"</i> | | | | | | |
| <i>4-Bromofluorobenzene (Surr)</i> | | <i>101 %</i> | | <i>80-120 %</i> | | <i>"</i> | | | | | | |

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

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

| | | |
|--|--|---|
| BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404 | Project: 4-J Transportation Center Project Number: 4J40DEC.25UC Project Manager: Matthew Luczak | Report ID: A5J1316 - 10 20 25 1605 |
|--|--|---|

QUALITY CONTROL (QC) SAMPLE RESULTS

BTEX+N Compounds by EPA 8260D

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Spike Amount | Source Result | % REC | % REC Limits | RPD | RPD Limit | Notes |
|---|--------|--------------------------|-----------------|--------------------------|----------|---|---------------|-------|--------------|-----|-----------|-------|
| Batch 25J0423 - EPA 5030C | | | | | | Water | | | | | | |
| Blank (25J0423-BLK1) | | Prepared: 10/13/25 06:50 | | Analyzed: 10/13/25 09:33 | | | | | | | | |
| EPA 8260D | | | | | | | | | | | | |
| Benzene | ND | --- | 0.200 | ug/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| Toluene | ND | --- | 1.00 | ug/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| Ethylbenzene | ND | --- | 0.500 | ug/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| Xylenes, total | ND | --- | 1.50 | ug/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| Naphthalene | ND | --- | 5.00 | ug/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| <i>Surr: 1,4-Difluorobenzene (Surr)</i> | | <i>Recovery: 99 %</i> | | <i>Limits: 80-120 %</i> | | <i>Dilution: 1x</i> | | | | | | |
| <i>Toluene-d8 (Surr)</i> | | <i>99 %</i> | | <i>80-120 %</i> | | <i>"</i> | | | | | | |
| <i>4-Bromofluorobenzene (Surr)</i> | | <i>100 %</i> | | <i>80-120 %</i> | | <i>"</i> | | | | | | |
| LCS (25J0423-BS1) | | | | | | Prepared: 10/13/25 06:50 Analyzed: 10/13/25 08:38 | | | | | | |
| EPA 8260D | | | | | | | | | | | | |
| Benzene | 20.5 | --- | 0.200 | ug/L | 1 | 20.0 | --- | 103 | 80 - 120% | --- | --- | --- |
| Toluene | 21.5 | --- | 1.00 | ug/L | 1 | 20.0 | --- | 108 | 80 - 120% | --- | --- | --- |
| Ethylbenzene | 21.2 | --- | 0.500 | ug/L | 1 | 20.0 | --- | 106 | 80 - 120% | --- | --- | --- |
| Xylenes, total | 62.5 | --- | 1.50 | ug/L | 1 | 60.0 | --- | 104 | 80 - 120% | --- | --- | --- |
| Naphthalene | 22.2 | --- | 5.00 | ug/L | 1 | 20.0 | --- | 111 | 80 - 120% | --- | --- | --- |
| <i>Surr: 1,4-Difluorobenzene (Surr)</i> | | <i>Recovery: 99 %</i> | | <i>Limits: 80-120 %</i> | | <i>Dilution: 1x</i> | | | | | | |
| <i>Toluene-d8 (Surr)</i> | | <i>99 %</i> | | <i>80-120 %</i> | | <i>"</i> | | | | | | |
| <i>4-Bromofluorobenzene (Surr)</i> | | <i>98 %</i> | | <i>80-120 %</i> | | <i>"</i> | | | | | | |
| Matrix Spike (25J0423-MS1) | | | | | | Prepared: 10/13/25 06:50 Analyzed: 10/13/25 16:50 | | | | | | |
| QC Source Sample: P4-GW (A5J1316-14) | | | | | | | | | | | | |
| EPA 8260D | | | | | | | | | | | | |
| Benzene | 21.7 | --- | 0.200 | ug/L | 1 | 20.0 | ND | 109 | 79 - 120% | --- | --- | --- |
| Toluene | 21.6 | --- | 1.00 | ug/L | 1 | 20.0 | ND | 108 | 80 - 121% | --- | --- | --- |
| Ethylbenzene | 21.6 | --- | 0.500 | ug/L | 1 | 20.0 | ND | 108 | 79 - 121% | --- | --- | --- |
| Xylenes, total | 63.0 | --- | 1.50 | ug/L | 1 | 60.0 | ND | 105 | 79 - 121% | --- | --- | --- |
| Naphthalene | 20.7 | --- | 5.00 | ug/L | 1 | 20.0 | ND | 104 | 61 - 128% | --- | --- | --- |
| <i>Surr: 1,4-Difluorobenzene (Surr)</i> | | <i>Recovery: 101 %</i> | | <i>Limits: 80-120 %</i> | | <i>Dilution: 1x</i> | | | | | | |
| <i>Toluene-d8 (Surr)</i> | | <i>99 %</i> | | <i>80-120 %</i> | | <i>"</i> | | | | | | |
| <i>4-Bromofluorobenzene (Surr)</i> | | <i>96 %</i> | | <i>80-120 %</i> | | <i>"</i> | | | | | | |

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

| | | |
|--|---|--------------------------------|
| BB&A Environmental - Eugene | Project: 4-J Transportation Center | |
| PO Box 40187 | Project Number: 4J40DEC.25UC | Report ID: |
| Eugene, OR 97404 | Project Manager: Matthew Luczak | A5J1316 - 10 20 25 1605 |

QUALITY CONTROL (QC) SAMPLE RESULTS

BTEX+N Compounds by EPA 8260D

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Spike Amount | Source Result | % REC | % REC Limits | RPD | RPD Limit | Notes |
|--|--------|--------------------------|-----------------|--------------------------|----------|---|---------------|-------|--------------|-----|-----------|-------|
| Batch 25J0477 - EPA 5035A | | | | | | Soil | | | | | | |
| Blank (25J0477-BLK1) | | Prepared: 10/14/25 09:00 | | Analyzed: 10/14/25 12:08 | | | | | | | | |
| <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 | --- | --- | --- | --- | --- | --- | --- |
| Naphthalene | ND | --- | 100 | ug/kg wet | 50 | --- | --- | --- | --- | --- | --- | --- |
| <i>Surr: 1,4-Difluorobenzene (Surr)</i> | | <i>Recovery: 110 %</i> | | <i>Limits: 80-120 %</i> | | <i>Dilution: 1x</i> | | | | | | |
| <i>Toluene-d8 (Surr)</i> | | <i>94 %</i> | | <i>80-120 %</i> | | <i>"</i> | | | | | | |
| <i>4-Bromofluorobenzene (Surr)</i> | | <i>100 %</i> | | <i>79-120 %</i> | | <i>"</i> | | | | | | |
| LCS (25J0477-BS1) | | | | | | Prepared: 10/14/25 09:00 Analyzed: 10/14/25 11:14 | | | | | | |
| <u>5035A/8260D</u> | | | | | | | | | | | | |
| Benzene | 988 | --- | 10.0 | ug/kg wet | 50 | 1000 | --- | 99 | 80 - 120% | --- | --- | --- |
| Toluene | 914 | --- | 50.0 | ug/kg wet | 50 | 1000 | --- | 91 | 80 - 120% | --- | --- | --- |
| Ethylbenzene | 914 | --- | 25.0 | ug/kg wet | 50 | 1000 | --- | 91 | 80 - 120% | --- | --- | --- |
| Xylenes, total | 2700 | --- | 75.0 | ug/kg wet | 50 | 3000 | --- | 90 | 80 - 120% | --- | --- | --- |
| Naphthalene | 874 | --- | 100 | ug/kg wet | 50 | 1000 | --- | 87 | 80 - 120% | --- | --- | --- |
| <i>Surr: 1,4-Difluorobenzene (Surr)</i> | | <i>Recovery: 108 %</i> | | <i>Limits: 80-120 %</i> | | <i>Dilution: 1x</i> | | | | | | |
| <i>Toluene-d8 (Surr)</i> | | <i>96 %</i> | | <i>80-120 %</i> | | <i>"</i> | | | | | | |
| <i>4-Bromofluorobenzene (Surr)</i> | | <i>99 %</i> | | <i>79-120 %</i> | | <i>"</i> | | | | | | |
| Duplicate (25J0477-DUP1) | | | | | | Prepared: 10/07/25 11:15 Analyzed: 10/14/25 16:14 | | | | | | |
| <u>QC Source Sample: P1-13'-14' (A5J1316-01)</u> | | | | | | | | | | | | |
| <u>5035A/8260D</u> | | | | | | | | | | | | |
| Benzene | ND | --- | 14.6 | ug/kg dry | 50 | --- | ND | --- | --- | --- | 30% | --- |
| Toluene | ND | --- | 72.8 | ug/kg dry | 50 | --- | ND | --- | --- | --- | 30% | --- |
| Ethylbenzene | ND | --- | 36.4 | ug/kg dry | 50 | --- | ND | --- | --- | --- | 30% | --- |
| Xylenes, total | ND | --- | 109 | ug/kg dry | 50 | --- | ND | --- | --- | --- | 30% | --- |
| Naphthalene | ND | --- | 146 | ug/kg dry | 50 | --- | ND | --- | --- | --- | 30% | --- |
| <i>Surr: 1,4-Difluorobenzene (Surr)</i> | | <i>Recovery: 109 %</i> | | <i>Limits: 80-120 %</i> | | <i>Dilution: 1x</i> | | | | | | |
| <i>Toluene-d8 (Surr)</i> | | <i>95 %</i> | | <i>80-120 %</i> | | <i>"</i> | | | | | | |
| <i>4-Bromofluorobenzene (Surr)</i> | | <i>96 %</i> | | <i>79-120 %</i> | | <i>"</i> | | | | | | |

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

| | | |
|--|---|--------------------------------|
| BB&A Environmental - Eugene | Project: 4-J Transportation Center | |
| PO Box 40187 | Project Number: 4J40DEC.25UC | Report ID: |
| Eugene, OR 97404 | Project Manager: Matthew Luczak | A5J1316 - 10 20 25 1605 |

QUALITY CONTROL (QC) SAMPLE RESULTS

Polycyclic Aromatic Hydrocarbons (PAHs) by EPA 8270E (Large Volume Injection)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Spike Amount | Source Result | % REC | % REC Limits | RPD | RPD Limit | Notes |
|---|--------|---|-----------------|------------------|----------|--------------|---------------|-------|--------------|-----|-----------|-------|
| Batch 25J0438 - EPA 3511 (Bottle Extraction) | | | | | | Water | | | | | | |
| Blank (25J0438-BLK1) | | Prepared: 10/13/25 10:55 Analyzed: 10/13/25 18:46 | | | | | | | | | | |
| <u>EPA 8270E LVI</u> | | | | | | | | | | | | |
| Acenaphthene | ND | --- | 0.0320 | ug/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| Acenaphthylene | ND | --- | 0.0320 | ug/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| Anthracene | ND | --- | 0.0320 | ug/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| Benz(a)anthracene | ND | --- | 0.0160 | ug/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| Benzo(a)pyrene | ND | --- | 0.0160 | ug/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| Benzo(b)fluoranthene | ND | --- | 0.0160 | ug/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| Benzo(k)fluoranthene | ND | --- | 0.0160 | ug/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| Benzo(g,h,i)perylene | ND | --- | 0.0320 | ug/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| Chrysene | ND | --- | 0.0160 | ug/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| Dibenz(a,h)anthracene | ND | --- | 0.0160 | ug/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| Fluoranthene | ND | --- | 0.0320 | ug/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| Fluorene | ND | --- | 0.0320 | ug/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| Indeno(1,2,3-cd)pyrene | ND | --- | 0.0160 | ug/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| 1-Methylnaphthalene | ND | --- | 0.0640 | ug/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| 2-Methylnaphthalene | ND | --- | 0.0640 | ug/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| Naphthalene | ND | --- | 0.0640 | ug/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| Phenanthrene | ND | --- | 0.0640 | ug/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| Pyrene | ND | --- | 0.0320 | ug/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| Carbazole | ND | --- | 0.0320 | ug/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| Dibenzofuran | ND | --- | 0.0320 | ug/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| <i>Surr: Acenaphthylene-d8 (Surr)</i> | | Recovery: 80 % | | Limits: 78-134 % | | Dilution: 1x | | | | | | |
| <i>Benzo(a)pyrene-d12 (Surr)</i> | | 109 % | | 80-132 % | | " | | | | | | |

| | | | | | | | | | | | | |
|--------------------------|------|---|--------|------|---|------|-----|-----|-----------|-----|-----|-----|
| LCS (25J0438-BS1) | | Prepared: 10/13/25 10:55 Analyzed: 10/13/25 19:18 | | | | | | | | | | |
| <u>EPA 8270E LVI</u> | | | | | | | | | | | | |
| Acenaphthene | 1.54 | --- | 0.0320 | ug/L | 1 | 1.60 | --- | 96 | 80 - 120% | --- | --- | --- |
| Acenaphthylene | 1.34 | --- | 0.0320 | ug/L | 1 | 1.60 | --- | 84 | 80 - 124% | --- | --- | --- |
| Anthracene | 1.33 | --- | 0.0320 | ug/L | 1 | 1.60 | --- | 83 | 80 - 123% | --- | --- | --- |
| Benz(a)anthracene | 1.63 | --- | 0.0160 | ug/L | 1 | 1.60 | --- | 102 | 80 - 122% | --- | --- | --- |
| Benzo(a)pyrene | 1.69 | --- | 0.0160 | ug/L | 1 | 1.60 | --- | 106 | 80 - 129% | --- | --- | --- |
| Benzo(b)fluoranthene | 1.68 | --- | 0.0160 | ug/L | 1 | 1.60 | --- | 105 | 80 - 124% | --- | --- | --- |
| Benzo(k)fluoranthene | 1.68 | --- | 0.0160 | ug/L | 1 | 1.60 | --- | 105 | 80 - 125% | --- | --- | --- |
| Benzo(g,h,i)perylene | 1.43 | --- | 0.0320 | ug/L | 1 | 1.60 | --- | 89 | 80 - 120% | --- | --- | --- |

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

| | | |
|--|---|--------------------------------|
| BB&A Environmental - Eugene | Project: 4-J Transportation Center | |
| PO Box 40187 | Project Number: 4J40DEC.25UC | Report ID: |
| Eugene, OR 97404 | Project Manager: Matthew Luczak | A5J1316 - 10 20 25 1605 |

QUALITY CONTROL (QC) SAMPLE RESULTS

Polycyclic Aromatic Hydrocarbons (PAHs) by EPA 8270E (Large Volume Injection)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Spike Amount | Source Result | % REC | % REC Limits | RPD | RPD Limit | Notes |
|---|--------|-----------------------|--------------------------|-------------------------|--------------------------|---------------------|---------------|-------|--------------|-----|-----------|-------|
| Batch 25J0438 - EPA 3511 (Bottle Extraction) | | | | | | Water | | | | | | |
| LCS (25J0438-BS1) | | | Prepared: 10/13/25 10:55 | | Analyzed: 10/13/25 19:18 | | | | | | | |
| Chrysene | 1.48 | --- | 0.0160 | ug/L | 1 | 1.60 | --- | 93 | 80 - 120% | --- | --- | |
| Dibenz(a,h)anthracene | 1.50 | --- | 0.0160 | ug/L | 1 | 1.60 | --- | 94 | 80 - 120% | --- | --- | |
| Fluoranthene | 1.57 | --- | 0.0320 | ug/L | 1 | 1.60 | --- | 98 | 80 - 126% | --- | --- | |
| Fluorene | 1.66 | --- | 0.0320 | ug/L | 1 | 1.60 | --- | 104 | 77 - 127% | --- | --- | |
| Indeno(1,2,3-cd)pyrene | 1.43 | --- | 0.0160 | ug/L | 1 | 1.60 | --- | 89 | 80 - 121% | --- | --- | |
| 1-Methylnaphthalene | 1.24 | --- | 0.0640 | ug/L | 1 | 1.60 | --- | 77 | 53 - 148% | --- | --- | |
| 2-Methylnaphthalene | 1.27 | --- | 0.0640 | ug/L | 1 | 1.60 | --- | 79 | 48 - 150% | --- | --- | |
| Naphthalene | 1.33 | --- | 0.0640 | ug/L | 1 | 1.60 | --- | 83 | 78 - 120% | --- | --- | |
| Phenanthrene | 1.42 | --- | 0.0640 | ug/L | 1 | 1.60 | --- | 89 | 80 - 120% | --- | --- | |
| Pyrene | 1.56 | --- | 0.0320 | ug/L | 1 | 1.60 | --- | 98 | 80 - 125% | --- | --- | |
| Carbazole | 1.43 | --- | 0.0320 | ug/L | 1 | 1.60 | --- | 89 | 65 - 141% | --- | --- | |
| Dibenzofuran | 1.43 | --- | 0.0320 | ug/L | 1 | 1.60 | --- | 90 | 76 - 121% | --- | --- | |
| <i>Surr: Acenaphthylene-d8 (Surr)</i> | | <i>Recovery: 81 %</i> | | <i>Limits: 78-134 %</i> | | <i>Dilution: 1x</i> | | | | | | |
| <i>Benzo(a)pyrene-d12 (Surr)</i> | | <i>108 %</i> | | <i>80-132 %</i> | | <i>"</i> | | | | | | |

| | | | | | | | | | | | | |
|-------------------------------|------|-----|--------|------|---|--------------------------|-----|--------------------------|-----------|-------------|-----|--|
| LCS Dup (25J0438-BSD1) | | | | | | Prepared: 10/13/25 10:55 | | Analyzed: 10/13/25 19:51 | | Q-19 | | |
| EPA 8270E LVI | | | | | | | | | | | | |
| Acenaphthene | 1.49 | --- | 0.0320 | ug/L | 1 | 1.60 | --- | 93 | 80 - 120% | 3 | 30% | |
| Acenaphthylene | 1.30 | --- | 0.0320 | ug/L | 1 | 1.60 | --- | 81 | 80 - 124% | 3 | 30% | |
| Anthracene | 1.36 | --- | 0.0320 | ug/L | 1 | 1.60 | --- | 85 | 80 - 123% | 2 | 30% | |
| Benz(a)anthracene | 1.62 | --- | 0.0160 | ug/L | 1 | 1.60 | --- | 101 | 80 - 122% | 0.3 | 30% | |
| Benzo(a)pyrene | 1.75 | --- | 0.0160 | ug/L | 1 | 1.60 | --- | 110 | 80 - 129% | 4 | 30% | |
| Benzo(b)fluoranthene | 1.71 | --- | 0.0160 | ug/L | 1 | 1.60 | --- | 107 | 80 - 124% | 2 | 30% | |
| Benzo(k)fluoranthene | 1.69 | --- | 0.0160 | ug/L | 1 | 1.60 | --- | 105 | 80 - 125% | 0.4 | 30% | |
| Benzo(g,h,i)perylene | 1.43 | --- | 0.0320 | ug/L | 1 | 1.60 | --- | 89 | 80 - 120% | 0.03 | 30% | |
| Chrysene | 1.45 | --- | 0.0160 | ug/L | 1 | 1.60 | --- | 91 | 80 - 120% | 2 | 30% | |
| Dibenz(a,h)anthracene | 1.51 | --- | 0.0160 | ug/L | 1 | 1.60 | --- | 94 | 80 - 120% | 0.9 | 30% | |
| Fluoranthene | 1.58 | --- | 0.0320 | ug/L | 1 | 1.60 | --- | 99 | 80 - 126% | 0.9 | 30% | |
| Fluorene | 1.62 | --- | 0.0320 | ug/L | 1 | 1.60 | --- | 102 | 77 - 127% | 2 | 30% | |
| Indeno(1,2,3-cd)pyrene | 1.45 | --- | 0.0160 | ug/L | 1 | 1.60 | --- | 90 | 80 - 121% | 1 | 30% | |
| 1-Methylnaphthalene | 1.19 | --- | 0.0640 | ug/L | 1 | 1.60 | --- | 74 | 53 - 148% | 4 | 30% | |
| 2-Methylnaphthalene | 1.22 | --- | 0.0640 | ug/L | 1 | 1.60 | --- | 76 | 48 - 150% | 4 | 30% | |
| Naphthalene | 1.32 | --- | 0.0640 | ug/L | 1 | 1.60 | --- | 82 | 78 - 120% | 1 | 30% | |
| Phenanthrene | 1.44 | --- | 0.0640 | ug/L | 1 | 1.60 | --- | 90 | 80 - 120% | 2 | 30% | |

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

| | | |
|--|--|---|
| BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404 | Project: 4-J Transportation Center Project Number: 4J40DEC.25UC Project Manager: Matthew Luczak | Report ID: A5J1316 - 10 20 25 1605 |
|--|--|---|

QUALITY CONTROL (QC) SAMPLE RESULTS

Polycyclic Aromatic Hydrocarbons (PAHs) by EPA 8270E (Large Volume Injection)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Spike Amount | Source Result | % REC | % REC Limits | RPD | RPD Limit | Notes |
|---|--------|--------------------------|-----------------|------------------|--------------------------|--------------|---------------|-------------|--------------|-----|-----------|-------|
| Batch 25J0438 - EPA 3511 (Bottle Extraction) | | | | | | Water | | | | | | |
| LCS Dup (25J0438-BSD1) | | Prepared: 10/13/25 10:55 | | | Analyzed: 10/13/25 19:51 | | | Q-19 | | | | |
| Pyrene | 1.57 | --- | 0.0320 | ug/L | 1 | 1.60 | --- | 98 | 80 - 125% | 0.2 | 30% | |
| Carbazole | 1.44 | --- | 0.0320 | ug/L | 1 | 1.60 | --- | 90 | 65 - 141% | 1 | 30% | |
| Dibenzofuran | 1.40 | --- | 0.0320 | ug/L | 1 | 1.60 | --- | 88 | 76 - 121% | 2 | 30% | |
| Surr: <i>Acenaphthylene-d8 (Surr)</i> | | Recovery: 80 % | | Limits: 78-134 % | | Dilution: 1x | | | | | | |
| <i>Benzo(a)pyrene-d12 (Surr)</i> | | 109 % | | 80-132 % | | " | | | | | | |

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

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

| | | |
|--|--|---|
| BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404 | Project: 4-J Transportation Center Project Number: 4J40DEC.25UC Project Manager: Matthew Luczak | Report ID: A5J1316 - 10 20 25 1605 |
|--|--|---|

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 25J0422 - Dry Weight Prep (EPA 8000D) | | | | | | Soil | | | | | | |
| Duplicate (25J0422-DUP3) | | Prepared: 10/11/25 18:07 Analyzed: 10/13/25 08:27 | | | | | | | | | | |
| QC Source Sample: P1-13'-14' (A5J1316-01) | | | | | | | | | | | | |
| EPA 8000D | | | | | | | | | | | | |
| % Solids | 81.1 | --- | 1.00 | % | 1 | --- | 81.3 | --- | --- | 0.2 | 10% | |

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323

ORELAP ID: OR100062

| | | |
|--|--|---|
| BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404 | Project: 4-J Transportation Center Project Number: 4J40DEC.25UC Project Manager: Matthew Luczak | Report ID: A5J1316 - 10 20 25 1605 |
|--|--|---|

SAMPLE PREPARATION INFORMATION

Hydrocarbon Identification Screen by NWTPH-HCID

Prep: NWTPH-HCID (Soil)

| Lab Number | Matrix | Method | Sampled | Prepared | Sample Initial/Final | Default Initial/Final | RL Prep Factor |
|-----------------------|--------|------------|----------------|----------------|----------------------|-----------------------|----------------|
| <u>Batch: 25J0359</u> | | | | | | | |
| A5J1316-01 | Soil | NWTPH-HCID | 10/07/25 11:15 | 10/09/25 13:31 | 10.63g/10mL | 10g/10mL | 0.94 |
| A5J1316-02 | Soil | NWTPH-HCID | 10/07/25 11:30 | 10/09/25 13:31 | 10.46g/10mL | 10g/10mL | 0.96 |
| A5J1316-03 | Soil | NWTPH-HCID | 10/07/25 12:00 | 10/09/25 13:31 | 10.07g/10mL | 10g/10mL | 0.99 |
| A5J1316-04 | Soil | NWTPH-HCID | 10/07/25 10:45 | 10/09/25 13:31 | 10.1g/10mL | 10g/10mL | 0.99 |
| A5J1316-05 | Soil | NWTPH-HCID | 10/07/25 11:45 | 10/09/25 13:31 | 10.27g/10mL | 10g/10mL | 0.97 |
| A5J1316-06 | Soil | NWTPH-HCID | 10/07/25 10:35 | 10/09/25 13:31 | 10.15g/10mL | 10g/10mL | 0.99 |
| A5J1316-07 | Soil | NWTPH-HCID | 10/07/25 10:35 | 10/09/25 13:31 | 10.35g/10mL | 10g/10mL | 0.97 |
| A5J1316-08 | Soil | NWTPH-HCID | 10/07/25 10:00 | 10/09/25 13:31 | 10.2g/10mL | 10g/10mL | 0.98 |
| A5J1316-09 | Soil | NWTPH-HCID | 10/07/25 10:15 | 10/09/25 13:31 | 10.19g/10mL | 10g/10mL | 0.98 |
| A5J1316-10 | Soil | NWTPH-HCID | 10/07/25 10:15 | 10/09/25 13:31 | 10.46g/10mL | 10g/10mL | 0.96 |
| A5J1316-12 | Soil | NWTPH-HCID | 10/07/25 08:55 | 10/09/25 13:31 | 10.19g/10mL | 10g/10mL | 0.98 |
| A5J1316-13 | Soil | NWTPH-HCID | 10/07/25 08:50 | 10/09/25 13:31 | 10.76g/10mL | 10g/10mL | 0.93 |
| <u>Batch: 25J0429</u> | | | | | | | |
| A5J1316-11RE1 | Soil | NWTPH-HCID | 10/07/25 09:05 | 10/13/25 08:37 | 10.26g/10mL | 10g/10mL | 0.98 |

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Prep: EPA 3510C (Fuels/Acid Ext.)

| Lab Number | Matrix | Method | Sampled | Prepared | Sample Initial/Final | Default Initial/Final | RL Prep Factor |
|-----------------------|--------|-------------|----------------|----------------|----------------------|-----------------------|----------------|
| <u>Batch: 25J0448</u> | | | | | | | |
| A5J1316-14 | Water | NWTPH-Dx LL | 10/07/25 11:00 | 10/13/25 11:57 | 890mL/2mL | 1000mL/2mL | 1.12 |
| A5J1316-15 | Water | NWTPH-Dx LL | 10/07/25 11:00 | 10/13/25 11:57 | 870mL/2mL | 1000mL/2mL | 1.15 |
| A5J1316-16 | Water | NWTPH-Dx LL | 10/07/25 11:10 | 10/13/25 11:57 | 760mL/2mL | 1000mL/2mL | 1.32 |
| A5J1316-17 | Water | NWTPH-Dx LL | 10/07/25 11:30 | 10/13/25 11:57 | 910mL/2mL | 1000mL/2mL | 1.10 |

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

Prep: EPA 5030C

| Lab Number | Matrix | Method | Sampled | Prepared | Sample Initial/Final | Default Initial/Final | RL Prep Factor |
|-----------------------|--------|---------------|----------------|----------------|----------------------|-----------------------|----------------|
| <u>Batch: 25J0423</u> | | | | | | | |
| A5J1316-14 | Water | NWTPH-Gx (MS) | 10/07/25 11:00 | 10/13/25 09:20 | 5mL/5mL | 5mL/5mL | 1.00 |
| A5J1316-15RE1 | Water | NWTPH-Gx (MS) | 10/07/25 11:00 | 10/13/25 09:20 | 5mL/5mL | 5mL/5mL | 1.00 |
| A5J1316-16RE1 | Water | NWTPH-Gx (MS) | 10/07/25 11:10 | 10/13/25 09:20 | 5mL/5mL | 5mL/5mL | 1.00 |
| A5J1316-17RE1 | Water | NWTPH-Gx (MS) | 10/07/25 11:30 | 10/13/25 09:20 | 5mL/5mL | 5mL/5mL | 1.00 |

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

| | | |
|--|--|---|
| BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404 | Project: 4-J Transportation Center Project Number: 4J40DEC.25UC Project Manager: Matthew Luczak | Report ID: A5J1316 - 10 20 25 1605 |
|--|--|---|

SAMPLE PREPARATION INFORMATION

BTEX+N Compounds by EPA 8260D

Prep: EPA 5030C

| Lab Number | Matrix | Method | Sampled | Prepared | Sample Initial/Final | Default Initial/Final | RL Prep Factor |
|-----------------------|--------|-----------|----------------|----------------|----------------------|-----------------------|----------------|
| <u>Batch: 25J0423</u> | | | | | | | |
| A5J1316-14 | Water | EPA 8260D | 10/07/25 11:00 | 10/13/25 09:20 | 5mL/5mL | 5mL/5mL | 1.00 |
| A5J1316-15RE1 | Water | EPA 8260D | 10/07/25 11:00 | 10/13/25 09:20 | 5mL/5mL | 5mL/5mL | 1.00 |
| A5J1316-16RE1 | Water | EPA 8260D | 10/07/25 11:10 | 10/13/25 09:20 | 5mL/5mL | 5mL/5mL | 1.00 |
| A5J1316-17RE1 | Water | EPA 8260D | 10/07/25 11:30 | 10/13/25 09:20 | 5mL/5mL | 5mL/5mL | 1.00 |
| A5J1316-18 | Water | EPA 8260D | 10/07/25 11:55 | 10/13/25 09:20 | 5mL/5mL | 5mL/5mL | 1.00 |

Prep: EPA 5035A

| Lab Number | Matrix | Method | Sampled | Prepared | Sample Initial/Final | Default Initial/Final | RL Prep Factor |
|-----------------------|--------|-------------|----------------|----------------|----------------------|-----------------------|----------------|
| <u>Batch: 25J0477</u> | | | | | | | |
| A5J1316-01 | Soil | 5035A/8260D | 10/07/25 11:15 | 10/07/25 11:15 | 14.56g/14.5mL | 5g/5mL | 1.00 |
| A5J1316-02 | Soil | 5035A/8260D | 10/07/25 11:30 | 10/07/25 11:30 | 12.88g/13mL | 5g/5mL | 1.01 |
| A5J1316-03 | Soil | 5035A/8260D | 10/07/25 12:00 | 10/07/25 12:00 | 14.55g/14.5mL | 5g/5mL | 1.00 |
| A5J1316-04 | Soil | 5035A/8260D | 10/07/25 10:45 | 10/07/25 10:45 | 12.04g/12mL | 5g/5mL | 1.00 |
| A5J1316-05 | Soil | 5035A/8260D | 10/07/25 11:45 | 10/07/25 11:45 | 12.95g/13mL | 5g/5mL | 1.00 |
| A5J1316-06 | Soil | 5035A/8260D | 10/07/25 10:35 | 10/07/25 10:35 | 10.9g/11mL | 5g/5mL | 1.01 |
| A5J1316-07 | Soil | 5035A/8260D | 10/07/25 10:35 | 10/07/25 10:35 | 10.42g/10.5mL | 5g/5mL | 1.01 |
| A5J1316-08 | Soil | 5035A/8260D | 10/07/25 10:00 | 10/07/25 10:00 | 9.12g/9mL | 5g/5mL | 0.99 |
| A5J1316-09 | Soil | 5035A/8260D | 10/07/25 10:15 | 10/07/25 10:15 | 10.55g/10.5mL | 5g/5mL | 1.00 |
| A5J1316-10 | Soil | 5035A/8260D | 10/07/25 10:15 | 10/07/25 10:15 | 9.85g/9.5mL | 5g/5mL | 0.96 |
| A5J1316-11 | Soil | 5035A/8260D | 10/07/25 09:05 | 10/07/25 09:05 | 7.31g/5mL | 5g/5mL | 0.68 |
| A5J1316-12 | Soil | 5035A/8260D | 10/07/25 08:55 | 10/07/25 08:55 | 7.87g/8mL | 5g/5mL | 1.02 |
| A5J1316-13 | Soil | 5035A/8260D | 10/07/25 08:50 | 10/07/25 08:50 | 6.27g/5mL | 5g/5mL | 0.80 |

Polycyclic Aromatic Hydrocarbons (PAHs) by EPA 8270E (Large Volume Injection)

Prep: EPA 3511 (Bottle Extraction)

| Lab Number | Matrix | Method | Sampled | Prepared | Sample Initial/Final | Default Initial/Final | RL Prep Factor |
|-----------------------|--------|---------------|----------------|----------------|----------------------|-----------------------|----------------|
| <u>Batch: 25J0438</u> | | | | | | | |
| A5J1316-14 | Water | EPA 8270E LVI | 10/07/25 11:00 | 10/13/25 10:55 | 111.22mL/5mL | 125mL/5mL | 1.12 |
| A5J1316-15 | Water | EPA 8270E LVI | 10/07/25 11:00 | 10/13/25 10:55 | 111.61mL/5mL | 125mL/5mL | 1.12 |
| A5J1316-16 | Water | EPA 8270E LVI | 10/07/25 11:10 | 10/13/25 10:55 | 111.61mL/5mL | 125mL/5mL | 1.12 |
| A5J1316-17 | Water | EPA 8270E LVI | 10/07/25 11:30 | 10/13/25 10:55 | 112.77mL/5mL | 125mL/5mL | 1.11 |

Percent Dry Weight

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

| | | |
|--|--|---|
| BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404 | Project: 4-J Transportation Center Project Number: 4J40DEC.25UC Project Manager: Matthew Luczak | Report ID: A5J1316 - 10 20 25 1605 |
|--|--|---|

SAMPLE PREPARATION INFORMATION

Percent Dry Weight

Prep: Dry Weight Prep (EPA 8000D)

| Lab Number | Matrix | Method | Sampled | Prepared | Sample Initial/Final | Default Initial/Final | RL Prep Factor |
|-----------------------|--------|-----------|----------------|----------------|----------------------|-----------------------|----------------|
| <u>Batch: 25J0422</u> | | | | | | | |
| A5J1316-01 | Soil | EPA 8000D | 10/07/25 11:15 | 10/11/25 18:07 | 1g | 1g | 1.00 |
| A5J1316-02 | Soil | EPA 8000D | 10/07/25 11:30 | 10/11/25 18:07 | 1g | 1g | 1.00 |
| A5J1316-03 | Soil | EPA 8000D | 10/07/25 12:00 | 10/11/25 18:07 | 1g | 1g | 1.00 |
| A5J1316-04 | Soil | EPA 8000D | 10/07/25 10:45 | 10/11/25 18:07 | 1g | 1g | 1.00 |
| A5J1316-05 | Soil | EPA 8000D | 10/07/25 11:45 | 10/11/25 18:07 | 1g | 1g | 1.00 |
| A5J1316-06 | Soil | EPA 8000D | 10/07/25 10:35 | 10/11/25 18:07 | 1g | 1g | 1.00 |
| A5J1316-07 | Soil | EPA 8000D | 10/07/25 10:35 | 10/11/25 18:07 | 1g | 1g | 1.00 |
| A5J1316-08 | Soil | EPA 8000D | 10/07/25 10:00 | 10/11/25 18:07 | 1g | 1g | 1.00 |
| A5J1316-09 | Soil | EPA 8000D | 10/07/25 10:15 | 10/11/25 18:07 | 1g | 1g | 1.00 |
| A5J1316-10 | Soil | EPA 8000D | 10/07/25 10:15 | 10/11/25 18:07 | 1g | 1g | 1.00 |
| A5J1316-11 | Soil | EPA 8000D | 10/07/25 09:05 | 10/11/25 18:07 | 1g | 1g | 1.00 |
| A5J1316-12 | Soil | EPA 8000D | 10/07/25 08:55 | 10/11/25 18:07 | 1g | 1g | 1.00 |
| A5J1316-13 | Soil | EPA 8000D | 10/07/25 08:50 | 10/11/25 18:07 | 1g | 1g | 1.00 |

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

BB&A Environmental - Eugene

PO Box 40187
Eugene, OR 97404

Project: **4-J Transportation Center**

Project Number: **4J40DEC.25UC**

Project Manager: **Matthew Luczak**

Report ID:

A5J1316 - 10 20 25 1605

QUALIFIER DEFINITIONS

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

Apex Laboratories

- DCNT** Sample decanted due to the presence of sediment in water samples, or water in sediment or soil samples. (Note: Decanted aqueous sample bottles are not solvent rinsed.)
- F-11** The hydrocarbon pattern indicates possible weathered diesel, mineral oil, or a contribution from a related component.
- F-13** The chromatographic pattern does not resemble the fuel standard used for quantitation
- PRES** Incomplete field preservation. Additional preservative was added to adjust the pH within the appropriate range for this analysis.
- Q-19** Blank Spike Duplicate (BSD) sample analyzed in place of Matrix Spike/Duplicate samples due to limited sample amount available for analysis.
- R-02** The Reporting Limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

| | | |
|--|--|---|
| BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404 | Project: 4-J Transportation Center Project Number: 4J40DEC.25UC Project Manager: Matthew Luczak | Report ID: A5J1316 - 10 20 25 1605 |
|--|--|---|

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 and Detection Limits: Default Limits

Default Reporting and Detection Limits are based on 100% dry weight with the minimum dilution for the analysis. Reporting and Detection Limits are raised due to moisture content, additional dilutions required for analysis, matrix interferences and in other cases, as necessary.

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).

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

| | | |
|--|--|---|
| BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404 | Project: 4-J Transportation Center Project Number: 4J40DEC.25UC Project Manager: Matthew Luczak | Report ID: A5J1316 - 10 20 25 1605 |
|--|--|---|

REPORTING NOTES AND CONVENTIONS (Cont.):

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.

For further details, please request a copy of this document.

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.

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

| | | |
|--|--|---|
| BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404 | Project: 4-J Transportation Center Project Number: 4J40DEC.25UC Project Manager: Matthew Luczak | Report ID: A5J1316 - 10 20 25 1605 |
|--|--|---|

Decanted Samples:

Soils/Sediments:

Unless TCLP analysis is required or there is notification otherwise for a specific project, all Soil and Sediments containing excess water are decanted prior to analysis in order to provide the most representative sample for analysis.

Water Samples:

Water samples containing solids and sediment may need to be decanted in order to eliminate these particulates from the water extractions. In the case of organics extractions, a solvent rinse of the container will not be performed.

Volatiles Soils (5035s)

Samples that are field preserved by 5035 for volatiles are dry weight corrected using the same dry weight correction as for normal analyses. In the case of decanted samples, the dry weight may be performed on a decanted sample, while the aliquot for 5035 may not have been treated the same way. If this is a concern, please submit separate containers for dry weight analysis for volatiles can be provided.

All samples decanted in the laboratory are noted in this report with the DCNT qualifier indicating the sample was decanted.

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

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

Table with project details: BB&A Environmental - Eugene, Project: 4-J Transportation Center, Project Number: 4J40DEC.25UC, Project Manager: Matthew Luczak, Report ID: A5J1316 - 10 20 25 1605

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

Table header with columns: 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.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

| | | |
|--|--|---|
| BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404 | Project: 4-J Transportation Center Project Number: 4J40DEC.25UC Project Manager: Matthew Luczak | Report ID: A5J1316 - 10 20 25 1605 |
|--|--|---|

APEX LABS

CHAIN OF CUSTODY

COC ___ OF ___

Lab # **A5J1316**

6700 SW Sandburg Street, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333

| | | | | |
|---|---------------------------------------|---|------------------------|--------------------------|
| Company: BB&A Environmental | Project Mgr: Jordan Kim-Stang | Project Name: 4/J Transportation Center | Project # 4J40DEC.25UC | |
| Address: 32986 Roberts Court, Eugene, Oregon 97408 | | Phone: (541) 484-9484 | Fax: (541) 484-4188 | Email: jstang@bbeenv.com |
| Sampled by: Jordan Kim-Stang | | | | |
| Site Location WA SAMPLE ID | LAB ID # | DATE | TIME | MATRIX |
| P1-13-14' | | 10/7/2025 | 11:15 | S 3 |
| P2-14-15' | | 10/7/2025 | 11:30 | S 3 |
| P3-14-15' | | 10/7/2025 | 12:00 | S 3 |
| P4-13-14' | | 10/7/2025 | 10:45 | S 3 |
| P5-13-14' | | 10/7/2025 | 11:45 | S 3 |
| P6-14-15' | | 10/7/2025 | 10:35 | S 3 |
| P6-14-15'-DUP | | 10/7/2025 | 10:35 | S 3 |
| P7-14-15' | | 10/7/2025 | 10:00 | S 3 |
| P7-17-18' | | 10/7/2025 | 10:15 | S 3 |
| P8-14-15' | | 10/7/2025 | 10:15 | S 3 |
| Normal Turn Around Time (TAT) = 5-10 Business Days | | | | |
| TAT Requested (circle) | 24 HR | 48 HR | 72 HR | Other: _____ |
| SAMPLES ARE HELD FOR 30 DAYS | | | | |
| RELINQUISHED BY: Signature: <i>Govin Parker</i> | RECEIVED BY: Signature: <i>APL</i> | Date: 10-9-25 | Date: 10/9/25 | Time: 4:45 am |
| Printed Name: Govin Parker | Printed Name: APSS/WILBAR OMS | Time: 4:45 am | Time: 10/9/25 | Time: _____ |
| Company: BBA Environmental | Company: BBA Environmental | Company: _____ | Company: _____ | Company: _____ |

ANALYSIS REQUEST

| | | | |
|--|--|--|--|
| Priority Metals (13) | | | |
| Al, Sb, As, Ba, Be, Cd | | | |
| Cu, Cr, Co, Ni, Mn, Pb | | | |
| Hg, Mg, Mo, Ni, K, Se, Ag, Na, TL, V, Zn | | | |
| TCLP Metals (8) | | | |
| 1200-COLS | | | |
| 1200-Z | | | |
| Phosph. Pest 870B(GS/MS) | | | |
| Chlor. Herb GC/ECD | | | |
| Total Lead | | | |
| Total Arsenic | | | |
| 5035 Extract & Hold | | | |

SPECIAL INSTRUCTIONS:

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

| | | |
|--|--|---|
| BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404 | Project: 4-J Transportation Center Project Number: 4J40DEC.25UC Project Manager: Matthew Luczak | Report ID: A5J1316 - 10 20 25 1605 |
|--|--|---|

APEX LABS COOLER RECEIPT FORM

Client: BB&A Environmental Element WO#: A5J1316

Project/Project #: 4J Transportation Center 4J40DEC.25UC

Delivery Info:

Date/time received: 10/9/25 @ 0945 By: AAW

Delivered by: Apex Client ESS FedEx UPS Radio Morgan SDS Evergreen Other

From USDA Regulated Origin? Yes No

Cooler Inspection Date/time inspected: 10/9/25 @ 0945 By: AAW

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) | <u>1.9</u> | | | | | | |
| Custody seals? (Y/N) | <u>N</u> | | | | | | |
| Received on ice? (Y/N) | <u>Y</u> | | | | | | |
| Temp. blanks? (Y/N) | <u>N</u> | | | | | | |
| Ice type: (Gel/Real/Other) | <u>Gel</u> | | | | | | |
| Condition (In/Out): | <u>In</u> | | | | | | |

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: 10/9/25 @ 1132 By: AAW

All samples intact? Yes No Comments: _____

Bottle labels/COCs agree? Yes No Comments: P8-14'-15' Cont. D reads 10/5/25. P10-3'-4' 1/2 VOA SDS read P10-13'-4'. P4-GW 1/2 VOA T read 1155.

COC/container discrepancies form initiated? Yes No

Containers/volumes received appropriate for analysis? Yes No Comments: limited volume for waters. Each sample only received 2 VOAs and 1 HCL Amber.

Do VOA vials have visible headspace? Yes No NA

Comments P4-GW and P4-GW-DUP 1/2 VOAs have sed

Water samples: pH checked: Yes No NA pH appropriate? Yes No NA pH ID: A256271

Comments: _____

Labeled by: AAW

Witness: BA

Cooler Inspected by: AAW

Form Y-003 R-02

DRAFT REPORT

The results provided in this report are PRELIMINARY and are subject to change based on subsequent analysis, QC validation or final data review. Please use these results with the understanding that they may have not been finalized by the laboratory.