



OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY  
UNDERGROUND STORAGE TANK PROGRAM

**30-DAY NOTICE OF INTENT TO DECOMMISSION USTS  
OR COMPLETE A CHANGE-IN-SERVICE**

**1. FACILITY (Location of Tanks) (Please Print) 2. PERMITTEE (Please Print)**

Name: Independence Aviation, LLC Name: Marici Reid  
Address: 4705 Airport Rd, Address: 673 Cessna St,  
Independence, OR 97351 Independence, OR 97351  
Phone: \_\_\_\_\_ Phone: 408-891-5643  
DEQ General Permit Operating Certificate Number: Fac. ID 5064  
Work To Be Performed By: 4C'S Environmental Inc. License # 23570  
(Permittee, Tank Owner, Property Owner or Licensed Service Provider) (Service Provider)  
Phone: 503-606-3020 Mobile Phone: 503-507-4317

**THIS FORM MUST BE SUBMITTED BY UST PERMITTEE 30 DAYS BEFORE START OF WORK**

**YOU MUST CONTACT YOUR LOCAL DEQ REGIONAL OFFICE 3-DAYS BEFORE STARTING ANY  
DECOMMISSIONING WORK.** (Phone numbers are listed on Page 2)

Will tank removal or potential cleanup affect adjacent property or Right-of-Way property? Yes ☐ No ☒

Date decommissioning is scheduled to begin: \_\_\_\_\_

| TANK<br>ID # | DEQ-UST<br>PERMIT # | TANK SIZE<br>IN<br>GALLONS | PRODUCT: GASOLINE,<br>DIESEL, USED OIL,<br>OTHER? |     | CLOSURE OR CHANGE-IN- SERVICE? |                                     |                           | TANK TO BE<br>REPLACED?  |                                     |
|--------------|---------------------|----------------------------|---|-----|--------------------------------|-------------------------------------|---------------------------|--------------------------|-------------------------------------|
|              |                     |                            | PRESENT   | NEW | TANK<br>REMOVAL                | CLOSURE<br>IN<br>PLACE ♦            | CHANGE<br>IN<br>SERVICE ♦ | YES*                     | NO                                  |
| 1            | BJBG                | 12K                        | Gasoline  |     | <input type="checkbox"/>       | <input checked="" type="checkbox"/> | <input type="checkbox"/>  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2            | BJBH                | 12K                        | Gasoline  |     | <input type="checkbox"/>       | <input checked="" type="checkbox"/> | <input type="checkbox"/>  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|              |                     |                            |   |     | <input type="checkbox"/>       | <input type="checkbox"/>            | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>            |
|              |                     |                            |   |     | <input type="checkbox"/>       | <input type="checkbox"/>            | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>            |
|              |                     |                            |   |     | <input type="checkbox"/>       | <input type="checkbox"/>            | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>            |

\* If decommissioned tank(s) are to be replaced by new underground storage tanks you must submit a *General Permit Registration Form to Install and Operate USTs* for the new tanks **30 days** before installing them.

♦ Submit a soil sampling plan to the DEQ regional office and receive plan approval prior to starting work if (1) tank is to be decommissioned in-place, (2) tank contents are changed to an unregulated substance or (3) tank contains a regulated substance other than petroleum.

Permittee: Marici Reid  
(Please Print)  
Permittee: Marici Reid Date: 4/30/24  
(Signature)

**THIS NOTICE AND THE 3-DAY TELEPHONE NOTICE ARE REQUIRED** prior to starting decommissioning work on a regulated underground storage tank (UST). Decommissioning work includes but is not limited to excavation and removal of the tank and its appurtenances, removal of underground piping (product, vent and vapor recovery piping), soil sampling, and groundwater sampling. (Decommissioning USTs or completing a change-in-service must be done in accordance with the conditions and requirements of OAR 340-150-0166, the general permit to decommission USTs).

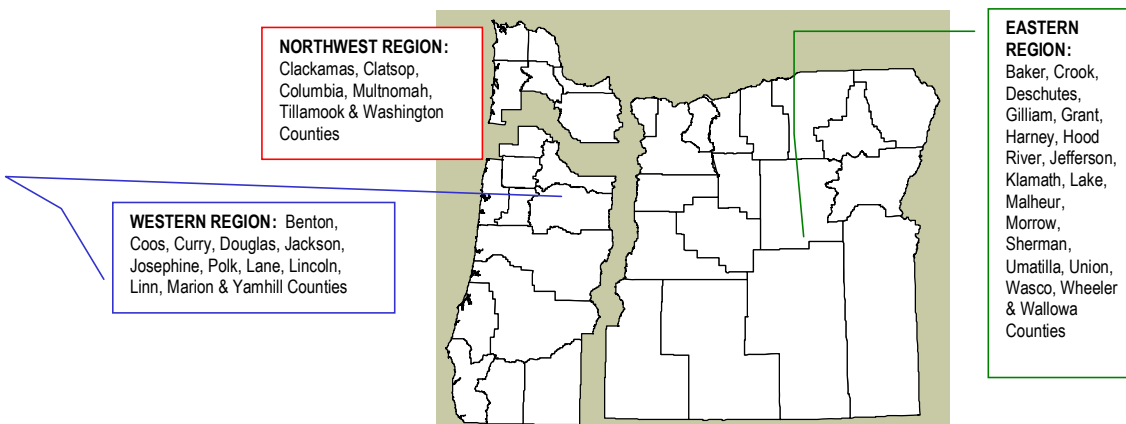
**THIS NOTICE IS NOT REQUIRED** for decommissioning unregulated tanks. To determine whether an underground tank is regulated please refer to OAR 340-150-0008 for UST's that are excluded or deferred from regulation, and OAR 340-150-0010 (82) for the definition of a UST, or contact DEQ. (Examples are heating oil, and most residential or farm motor fuel tanks under 1100 gallons.)

**ALL PAST DUE UST GENERAL PERMIT ANNUAL COMPLIANCE FEES MUST BE PAID** before this decommissioning notice will be accepted by DEQ.

**MAKE SURE THIS FORM IS COMPLETE WITH ALL ATTACHMENTS** as a notice that is incomplete will not be accepted.

## **RETURN COMPLETED AND SIGNED FORM TO THE DEQ REGIONAL OFFICE FOR YOUR AREA (Addresses are listed below).**

**3-DAY NOTICE: Contact your local DEQ Regional Office 3-days before starting work.  
(Phone numbers are listed below).**



|  |  |   |
|--|--|---|
| <b>EASTERN REGION / BEND</b><br>475 NE BELLEVUE, SUITE 110<br>BEND, OR 97701<br>Phone: 541-388-6146<br>Fax: 541-388-8283 | <b>WESTERN REGION / COOS BAY</b><br>381 N SECOND STREET<br>COOS BAY 97420<br>Phone: 541-269-2721<br>Fax: 541-269-7984          | <b>WESTERN REGION / MEDFORD</b><br>221 STEWART AVE., SUITE 201<br>MEDFORD, OR 97501<br>Phone: 541-776-6010<br>Fax: 541-776-6262 |
| <b>NORTHWEST REGION</b><br>700 NE MULTNOMAH ST.<br>PORTLAND, OR 97232<br>Phone: 503-229-5263<br>Fax: 503-229-6945        | <b>WESTERN REGION / EUGENE</b><br>165 EAST 7TH AVE., SUITE 100<br>EUGENE, OR 97401<br>Phone: 541-686-7838<br>Fax: 541-686-7551 |   |

**For information or assistance with this form call (503) 229-6652 or the UST HELPLINE:  
1-800-742-7878 (Toll Free in Oregon).**

**Program information, registration forms, administrative rules and  
other publications can also be found on our Homepage at:**

**<http://www.deq.state.or.us/lq/tanks/ust/index.htm>**



## OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY UNDERGROUND STORAGE TANK PROGRAM

### UNDERGROUND STORAGE TANK DECOMMISSIONING CHECKLIST AND SITE ASSESSMENT REPORT

#### A. FACILITY INFORMATION:

This report **MUST** be submitted by the underground storage tank permittee or tank owner, or the licensed DEQ Service Provider on their behalf, **within 30 days following completion of the tank decommissioning or change-in-service regardless of ongoing cleanup work.**

DEQ FACILITY NUMBER: 5064

FACILITY NAME: Independenc Aviation, LLC

FACILITY ADDRESS: 4705 Airport Rd, Independence, OR 97351

PERMITTEE PHONE: 408-891-5643

DATE: 7/19/2024

#### B. WORK PERFORMED BY:

The checklist and site assessment report should be completed and signed by the DEQ licensed supervisor and signed by an executive officer of the DEQ licensed Service Provider on page 6. The tank owner or permittee must review and sign the report on page 6. **NOTE: AN OWNER OR PERMITTEE MAY PERFORM UST SERVICES ONLY IF THEY HAVE TAKEN AND PASSED THE APPROPRIATE UST SUPERVISOR EXAMINATION OFFERED BY A NATIONAL TESTING SERVICE (SEE OAR 340-150-0156 for requirements).**

DEQ Service Provider's License #: 23570

Construction Contractors Board License #: 153255

Name: 4C's Environmental Inc

Telephone: 503-606-3020

DEQ Decommissioning Supervisor's License #: 27574

Name: Erik Diehm

Telephone: 503-606-3020

DEQ Soil Matrix Service Provider's License #: (If applicable)

Name:

Telephone:

DEQ Soil Matrix Supervisor's License #: (If applicable)

Name:

Telephone:

**C. DATES:**Decommissioning/Change-in-Service Notice - Date Submitted: 4/30/2024 (30 days before work starts).Work Start Telephone Notice - Number issued by DEQ: 27-3D-24-018 (3 working days before work starts).DEQ Person Notified: Dave PardueDate Work Started: 5/20/2024 Date Work Completed: 6/7/2024

**Note:** Provide the following information if any soil or water contamination is found during the decommissioning or change-in-service. Contamination must be reported by the UST permittee within 24 hours. The licensed service provider must report contamination within 72 hours after discovery unless previously reported.

Date Contamination Reported: \_\_\_\_\_ By: \_\_\_\_\_

DEQ Person Notified: \_\_\_\_\_

**D. OTHER DEQ PERMITS MAY BE NEEDED WHERE SOIL OR WATER CLEANUP IS REQUIRED.**

DEQ Water Discharge Permit #: \_\_\_\_\_ Date: \_\_\_\_\_

Water Disposed to (Location): \_\_\_\_\_

DEQ Solid Waste Disposal Permit #: \_\_\_\_\_ Date: \_\_\_\_\_

Soil Disposal or Treatment Location: \_\_\_\_\_

**E. TANK INFORMATION:**

|              |                     |                            | PRODUCT: GASOLINE,<br>DIESEL, USED OIL,<br>OTHER? |     | CLOSURE OR CHANGE-IN-SERVICE? |                                     |                           | TANK TO BE<br>REPLACED?  |                                     |
|--------------|---------------------|----------------------------|---|-----|-------------------------------|-------------------------------------|---------------------------|--------------------------|-------------------------------------|
| TANK<br>ID # | DEQ-UST<br>PERMIT # | TANK SIZE<br>IN<br>GALLONS | PRESENT   | NEW | TANK<br>REMOVAL               | CLOSURE<br>IN<br>PLACE ♦            | CHANGE<br>IN<br>SERVICE ♦ | YES                      | NO                                  |
| 1            | BJBG                | 12K                        | Gasoline  |     | <input type="checkbox"/>      | <input checked="" type="checkbox"/> | <input type="checkbox"/>  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2            | BJBH                | 12K                        | Gasoline  |     | <input type="checkbox"/>      | <input checked="" type="checkbox"/> | <input type="checkbox"/>  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|              |                     |                            |   |     | <input type="checkbox"/>      | <input type="checkbox"/>            | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>            |
|              |                     |                            |   |     | <input type="checkbox"/>      | <input type="checkbox"/>            | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>            |
|              |                     |                            |   |     | <input type="checkbox"/>      | <input type="checkbox"/>            | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>            |

**NOTE 1:** Where decommissioned tank(s) are replaced by new underground storage tanks the UST permittee must submit a *General Permit Registration Form to Install and Operate USTs* containing information on the new tanks 30 days before installing them.

**NOTE 2:** Submit a soil sampling plan to the DEQ regional office and receive plan approval prior to starting work if 1) tank is to be decommissioned in-place, 2) tank contents are changed to a non-regulated substance, 3) tank contains a regulated substance other than petroleum, or 4) tank changed to non-regulated use.



**F. DISPOSAL INFORMATION:**

| TANK ID # | TANK AND PIPING DISPOSAL METHOD |                          |                                     |                                    | DISPOSAL LOCATION OF TANK CONTENTS |         |
|-----------|---------------------------------|--------------------------|-------------------------------------|------------------------------------|------------------------------------|---------|
|           | SCRAP                           | LAND-FILL                | OTHER                               | IDENTIFY LOCATION & PROPERTY OWNER | LIQUIDS                            | SLUDGES |
| 1         | <input type="checkbox"/>        | <input type="checkbox"/> | <input checked="" type="checkbox"/> | CIP - Facility location            | 4C's Environmental Retain          |         |
| 2         | <input type="checkbox"/>        | <input type="checkbox"/> | <input checked="" type="checkbox"/> | CIP - Facility location            | 4C's Environmental Retain          |         |
|           | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/>            |                                    |                                    |         |
|           | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/>            |                                    |                                    |         |
|           | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/>            |                                    |                                    |         |

**NOTE 1:** The tank contents, the tank and the piping may be subject to the requirements of Hazardous Waste regulations. If you have questions, contact the DEQ regional office for your area.

**NOTE 2:** Attach copies of the disposal receipts for the tanks and piping. If the tanks are shipped off-site for reuse provide the name, address and phone number of the person or business receiving the tanks for reuse.

**NOTE 3:** Attach copies of the disposal receipts for the disposal or treatment of liquid or sludge removed from the tanks

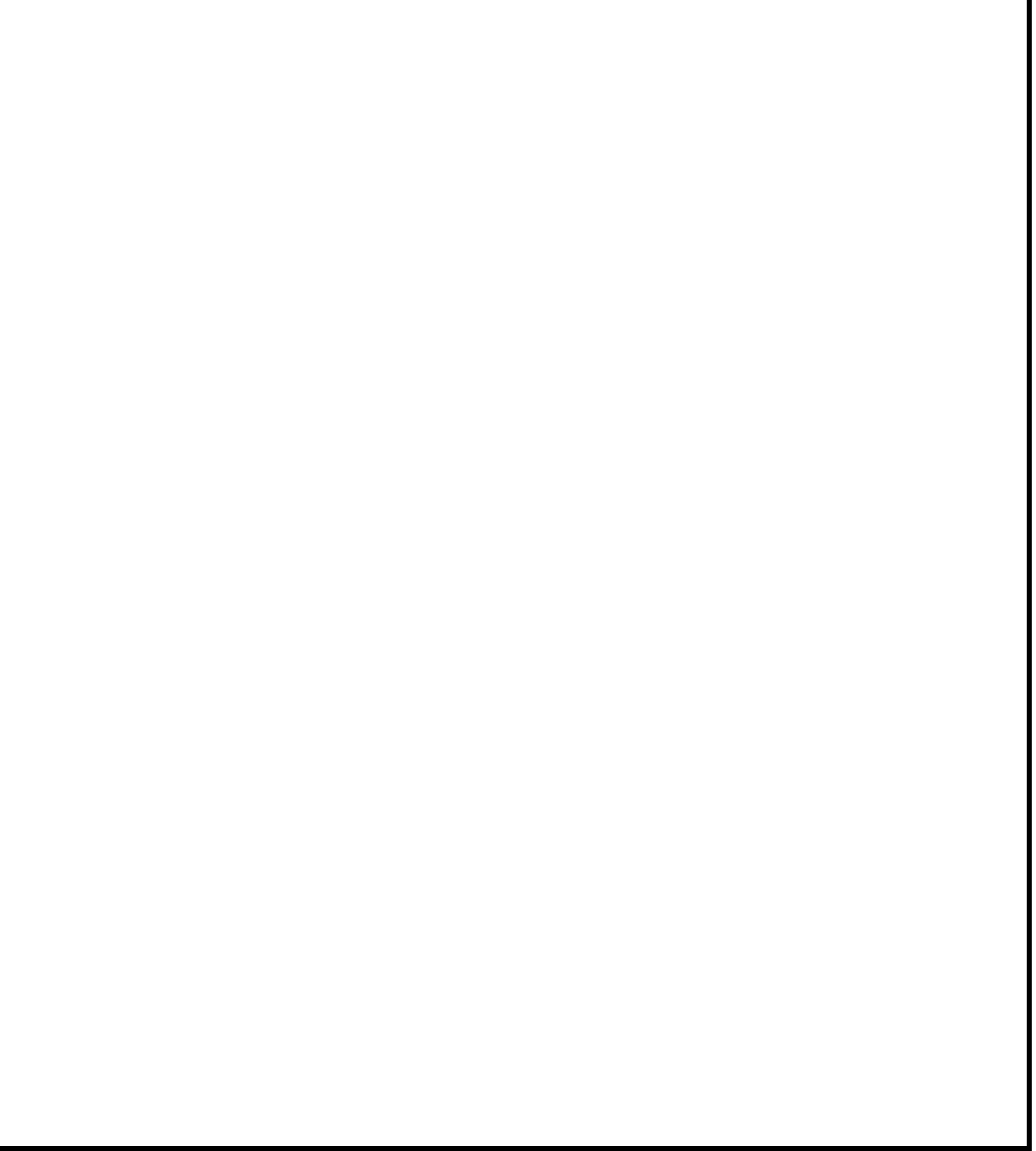
**G. CONTAMINATION INFORMATION:**

| TANK ID # | GROUND WATER IN PIT ?               | PRODUCT ODOR IN SOIL ?   | PRODUCT STAINS IN SOIL ? | NUMBER OF SAMPLES | LABORATORY ( NAME, CITY, STATE, PHONE )    |
|-----------|-------------------------------------|--------------------------|--------------------------|-------------------|--|
| 1         | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | see labs          | Apex Laboratories, Tigard, OR 503-718-2323 |
| 2         | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | see labs          | Apex Laboratories, Tigard, OR 503-718-2323 |
|           | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> |                   |  |
|           | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> |                   |  |
|           | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> |                   |  |

**NOTE 1:** Attach a copy of the laboratory report showing the results of all tests on all soil and water samples. The laboratory report must identify sample collection methods, sample location, sample depth, sample type (soil or water), type of sample container, sample temperature during transportation, types of tests, and copies of analytical laboratory reports, including QA/QC information. Include laboratory name, address and copies of chain-of-custody forms.

**NOTE 2:** If contamination is detected, DEQ requires you notify both the UST Program and Clean Up Program within 24 hours of observed contamination and/or analytical results. You must submit a [20 Day Report Form for UST Cleanup Projects](#) to the Cleanup Program and attach a copy of the form to this checklist.

**H. SITE SKETCH:** (Show location of adjacent roads, property lines, structures, dispensers, & all USTs. Show North, general direction of ground slope and soil sample locations. Sketch does not need to be drawn to scale. You may attach a separate drawing.)



**I. SAFETY EQUIPMENT ON JOB SITE:**

|                           |                       |                                   |
|---------------------------|-----------------------|-----------------------------------|
| Fire Extinguisher:        | Type/Size: <u>ABC</u> | Recharge Date: <u>12/15/2023</u>  |
| Combustible Gas Detector: | Model: <u>MX4</u>     | Calibration Date: <u>1/4/2024</u> |
| Oxygen Analyzer:          | Model: <u>MX4</u>     | Calibration Date: <u>1/4/2024</u> |

**J. DECOMMISSIONING:**

| All Tanks: N/A = Not Applicable (Check (√) Appropriate Box)  | YES                                 | NO                       | UNKNOWN                  | N/A                                 |
|--|-------------------------------------|--------------------------|--------------------------|-------------------------------------|
| 1. All electrical equipment grounded and explosion proof?    | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 2. Safety equipment on job site?                             | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 3. Overhead electrical lines located?                        | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 4. Subsurface electrical lines off or disconnected?          | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 5. Natural gas lines off or disconnected?                    | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. No open fires or smoking material in area?                | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 7. Vehicle and pedestrian traffic controlled?                | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 8. Excavation material area cleared?                         | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 9. Rainwater runoff directed to treatment area?              | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 10. Drained and collected product from lines?                | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 11. Removed product and residual from tank?                  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 12. Cleaned tank?  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 13. Excavated to top of tank?                                | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 14. Removed tank fixtures? (pumps, leak detection equipment) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 15. Removed product, fill and vent lines?                    | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |

**K. TANK ABANDONMENT IN-PLACE:**

| All Tanks: N/A = Not Applicable (Check (√) Appropriate Box)                                | YES                                 | NO                       | UNKNOWN                  | N/A                      |
|--|-------------------------------------|--------------------------|--------------------------|--------------------------|
| 16. Sampling plan approved by DEQ?<br>Date: <u>5/16/2024</u> DEQ Staff: <u>Dave Pardue</u> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 17. Contamination concerns fully resolved?   | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 18. Fill Material? Type: <u>gravel rock</u>  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

**L. TANK REMOVAL:**

| All Tanks: N/A = Not Applicable (Check (√) Appropriate Box)   | YES                      | NO                       | UNKNOWN                  | N/A                      |
|---|--------------------------|--------------------------|--------------------------|--------------------------|
| 19. Tank placement area cleared, chocks placed?   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 20. Purged or ventilated tank to prevent explosion?<br>Method used: <input type="text"/><br>Meter reading: <input type="text"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 21. Were chains or steel cables wrapped around tank for removal?  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 22. Tank removed, set on ground, blocked to prevent movement?   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 23. Tank set on truck and secured with straps(s)?   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 24. Tank labeled before leaving site?   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

**M. SITE ASSESSMENT:**

| All Tanks: N/A = Not Applicable (Check (√) Appropriate Box)                     | YES                                 | NO                                  | UNKNOWN                  | N/A                                 |
|---|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|
| 25. Site assessed for contamination? See OAR 340-122-0340                       | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            |
| 26. Soil samples taken and analyzed?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 27. Was contamination found? Date/Time: <input type="text"/>                    | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 28. Was hazardous waste determination made for tank contents (Liquids/sludges)? | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

**N. REQUIRED SIGNATURES:**

I have personally reviewed this decommissioning checklist and site assessment report and the attachments and find them to be true and complete.

Permittee or Tank Owner: Marici Reid  
(Please Print)

Permittee or Tank Owner: Marici Reid Date: 7/19/2024  
(Signature)

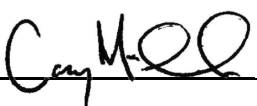
I have personally reviewed this decommissioning checklist and site assessment report and the attachments and find them to be true and complete.

Licensed Supervisor: Erik Diehm  
(Please Print)

Licensed Supervisor:  Date: 7/19/2024  
(Signature)

I have personally reviewed this decommissioning checklist and site assessment report and the attachments and find them to be true and complete.

Executive Officer: Casey Michaels  
Licensed Service Provider (Please Print)

Executive Officer:  Date: 7/19/2024  
Licensed Service Provider (Signature)

## O. REPORT FILING:

This report signed by the permittee or tank owner, licensed supervisor and executive officer of the Service Provider, complete with all applicable attachments, must be filed with the DEQ regional office within 30 days after the excavation is backfilled or change-in-service is complete. **Do not wait until any site related cleanup project is completed.** Contact the DEQ regional office prior to filing this report where special circumstances exist at the site (such as water in pit, remaining pockets of contamination, etc.).

## P. HELP WITH THIS REPORT:

If you have any questions about this decommissioning checklist and site assessment report, please phone your DEQ Regional Office. You can also phone the UST Program's toll-free number, 1-800-742-7878. This is a message answering machine for calls made within Oregon. Underground Storage Tank Program staff will return your calls within 24 hours. You can also send an e-mail to [tanks.info@deq.oregon.gov](mailto:tanks.info@deq.oregon.gov). Our regional staff are also available to answer questions regarding tank decommissioning or change-in-service requirements (see below for telephone numbers).

## Q. COPIES OF THE GENERAL PERMIT TO DECOMMISSION OR COMPLETE A CHANGE-IN-SERVICE:

Obtain copies of the general permit to decommission or complete a change-in-service conditions and requirements, UST Program rules and laws and UST Cleanup rules and laws at:

1. Any of the DEQ offices listed below,
2. By calling the UST HELPLINE at 1-800-742-7878,
3. Send an e-mail to [tanks.info@deq.oregon.gov](mailto:tanks.info@deq.oregon.gov) or
4. Downloading from the UST home page at:

<https://www.oregon.gov/deq/tanks/Pages/UST-Forms.aspx>

NORTHWEST REGION  
700 NE MULTNOMAH ST.  
PORTLAND, OR 97232 Phone:  
503-229-5263  
Fax: 503-229-6945

WESTERN REGION / EUGENE  
165 EAST 7TH AVE., SUITE 100  
EUGENE, OR 97401  
Phone: 541-686-7838  
Fax: 541-686-7551

WESTERN REGION / MEDFORD  
221 STEWART AVE., SUITE 201  
MEDFORD, OR 97501  
Phone: 541-776-6010  
Fax: 541-776-6262



## Facility UST Decommission In-Place

Date: 6-29-24

DEQ Facility No: 5064

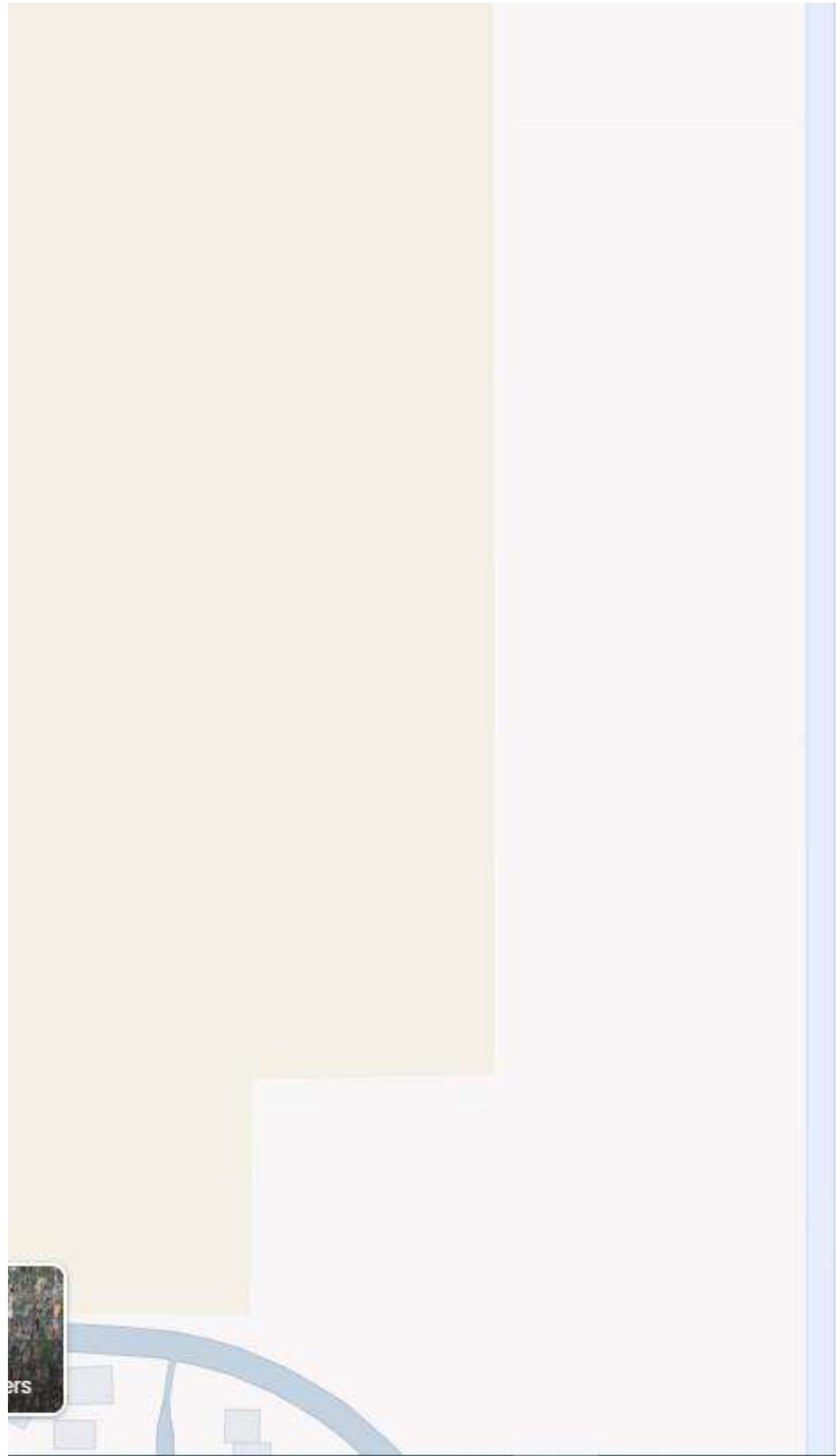
Facility Name: Independence Aviation, LLC

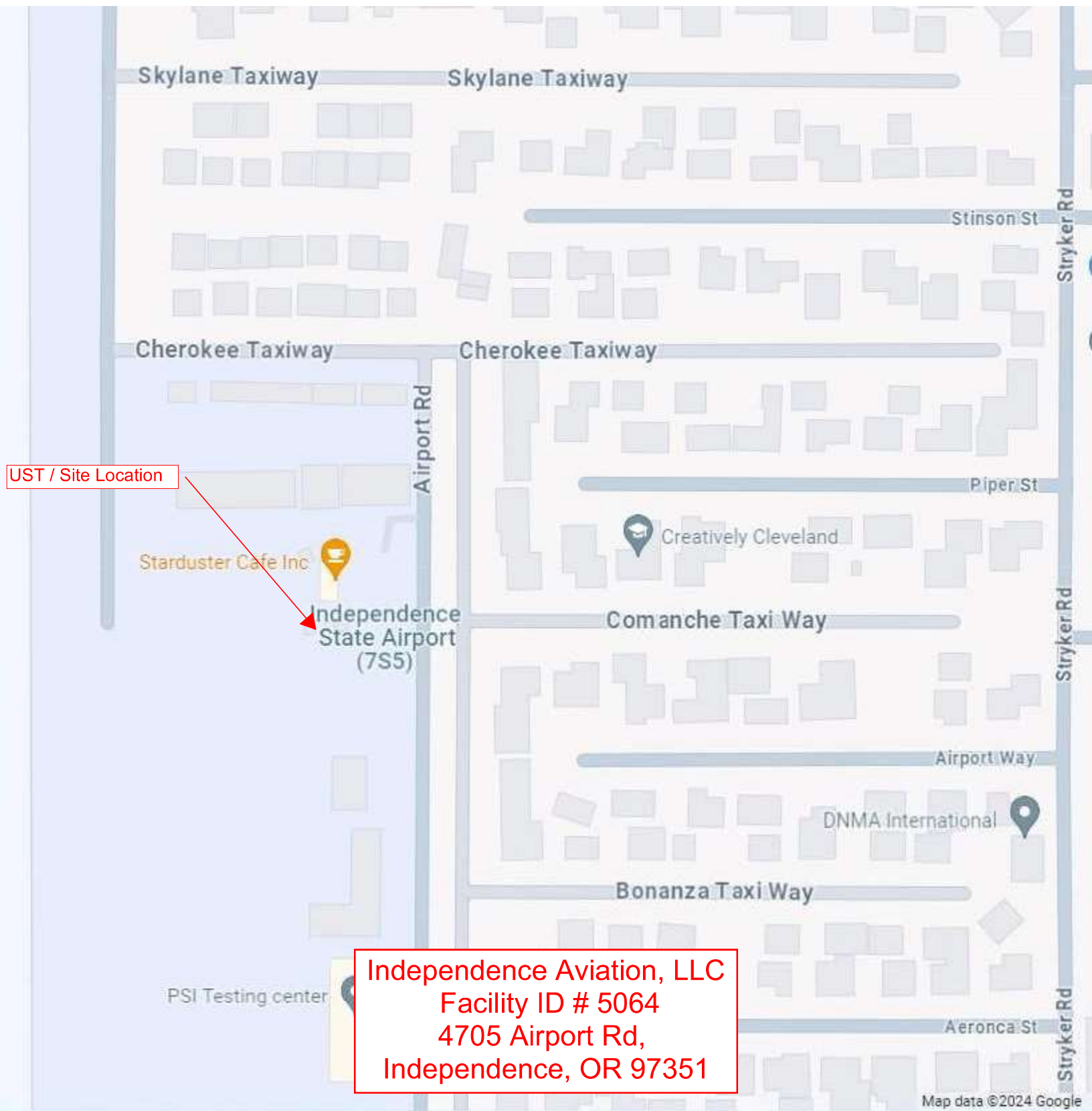
Facility Address: 4705 Airport Rd, Independence, OR 97351

4C's Environmental Inc was employed to collect subsurface soil samples and decommission DEQ regulated USTs at the above facility. There are two 12K tanks located at this facility and both tanks were decommissioned in-place. The tanks previously stored gasoline but was not in use and empty when project was started. The piping was above ground piping going to one dual dispenser. The tanks and piping were interiorly cleaned. The concrete above the tanks was very thick, approximately 2'. Sections of concrete were removed above the tank to allow access for entry to clean and backfilling of the tanks. The ancillary equipment on top of the tank was removed to below grade. No visible contamination or odor was present in these materials. Ground water was encountered at 8' below. Soil and water samples were collected. No new petroleum releases were reported. The tanks were backfilled with gravel until all void space was filled and reinforced concrete was poured at grade level.

### Sample Protocol:

Laboratory samples collected by 4C's during this project were preserved in accordance with the protocols set forth in the United States Environmental Protection Agency (USEPA) guidance document SW-846. The samples were transported and transferred under a completed Chain of Custody (OAR 340-122-0345) to APEX laboratories in Tigard, Oregon. Samples were placed on ice upon collection. Samples were documented according to location, time of sample collection, sample number and required analytical method. The sampler wore nitrile rubber gloves during collection of the soil. Samples were collected in USEPA approved sample jars.

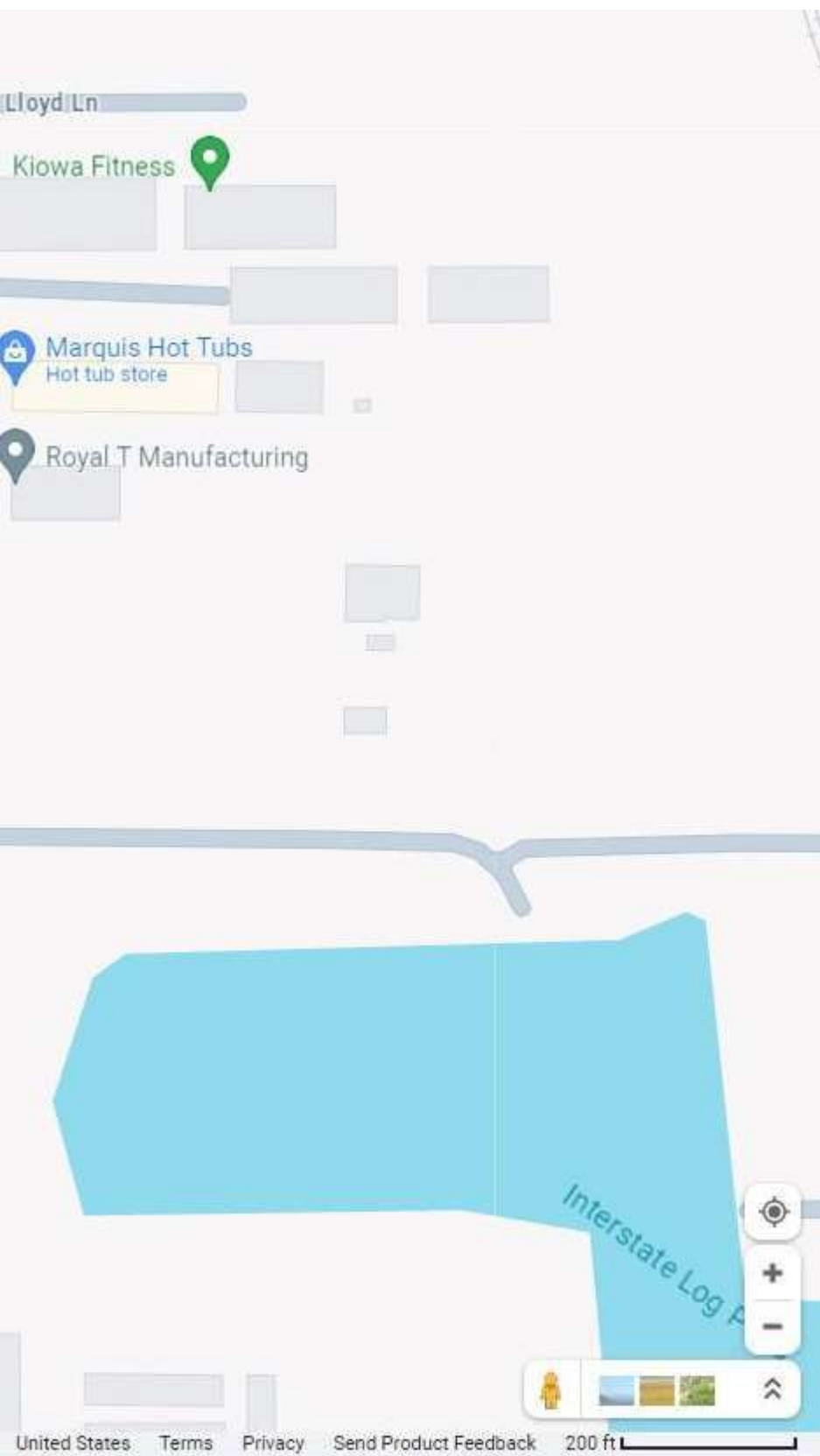




UST / Site Location

Independence Aviation, LLC  
Facility ID # 5064  
4705 Airport Rd,  
Independence, OR 97351





Independence  
Facility I  
4705 Air  
Independence

UST Location

SWI 3

SWI 4

SWI 2

SWI 1

UST Decomm  
Sample Ma

Aviation, LLC  
D # 5064  
port Rd,  
e, OR 97351

ission In place  
p May 2024

● Water & Soil SWI Sample Location



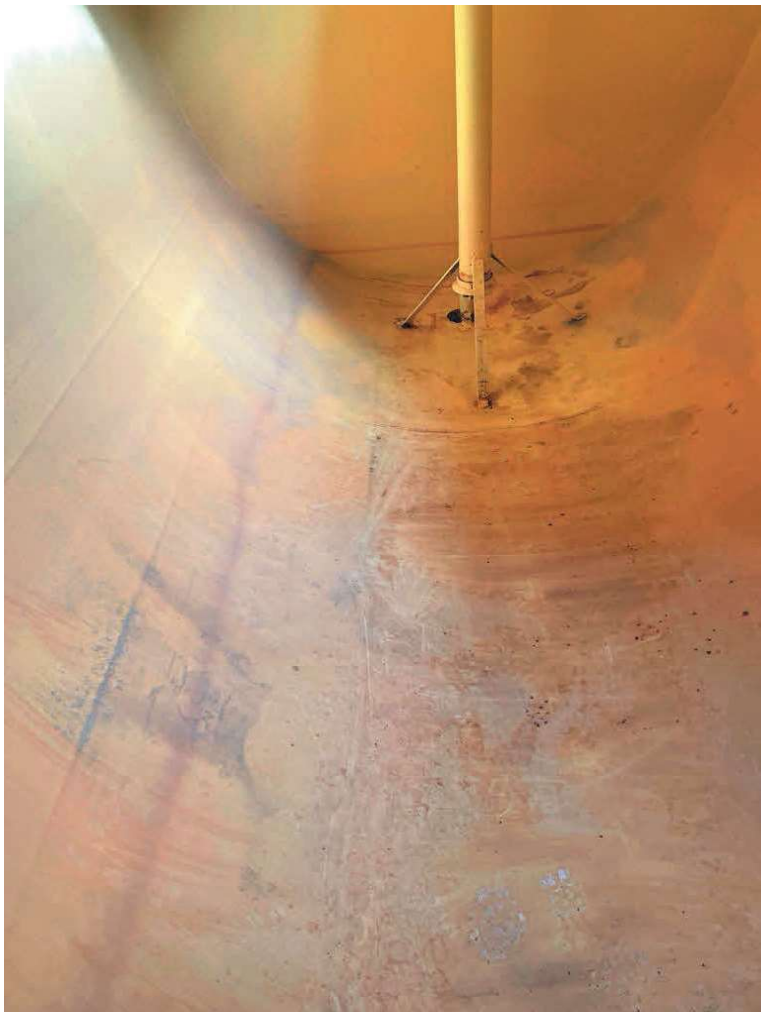
Scale

50 ft















ANALYTICAL REPORT

**Apex Laboratories, LLC**

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

Monday, June 17, 2024

Casey Michaels  
4C's Environmental Inc.  
1590 SE Uglow Ave  
Dallas, OR 97338

RE: A4E1686 - Marici 2281

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 A4E1686, which was received by the laboratory on 5/29/2024 at 7:47:00AM.

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](mailto: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   |     |      |
|--|-----|------|
| <u>Acceptable Receipt Temperature is less than, or equal to, 6 degC (not frozen), or received on ice the same day as sampling.</u> |     |      |
| (See Cooler Receipt Form for details)  |     |      |
| Default Cooler   | 1.8 | degC |

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

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



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

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

**4C's Environmental Inc.**

1590 SE Uglow Ave

Dallas, OR 97338

Project/#: **Marici 2281**

Project Manager: Casey Michaels

**Report ID:**

A4E1686 - 06 17 24 1556

**ANALYTICAL REPORT FOR SAMPLES****SAMPLE INFORMATION**

| Client Sample ID | Laboratory ID | Matrix | Date Sampled   | Date Received  |
|------------------|---------------|--------|----------------|----------------|
| SWI 1            | A4E1686-01    | Soil   | 05/28/24 08:20 | 05/29/24 07:47 |
| SWI 2            | A4E1686-02    | Soil   | 05/28/24 09:15 | 05/29/24 07:47 |
| SWI 3            | A4E1686-03    | Soil   | 05/28/24 09:45 | 05/29/24 07:47 |
| SWI 4            | A4E1686-04    | Soil   | 05/28/24 10:15 | 05/29/24 07:47 |
| SWI 1 (Water)    | A4E1686-05    | Water  | 05/28/24 08:25 | 05/29/24 07:47 |
| SWI 2 (Water)    | A4E1686-06    | Water  | 05/28/24 09:20 | 05/29/24 07:47 |
| SWI 3 (Water)    | A4E1686-07    | Water  | 05/28/24 09:50 | 05/29/24 07:47 |
| SWI 4 (Water)    | A4E1686-08    | Water  | 05/28/24 10:22 | 05/29/24 07:47 |

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Project#: **Marici 2281**

Project Manager: Casey Michaels

**Report ID:****A4E1686 - 06 17 24 1556**

## ANALYTICAL SAMPLE RESULTS

## Hydrocarbon Identification Screen by NWTPH-HCID

| Analyte                           | Sample Result | Detection Limit | Reporting Limit | Units                | Dilution | Date Analyzed         | Method Ref. | Notes |
|-----------------------------------|---------------|-----------------|-----------------|----------------------|----------|-----------------------|-------------|-------|
| <b>SWI 1 (A4E1686-01)</b>         |               |                 |                 | <b>Matrix: Soil</b>  |          | <b>Batch: 24E0998</b> |             |       |
| Gasoline Range Organics           | ND            | ---             | 26.5            | mg/kg dry            | 1        | 05/29/24 18:11        | NWTPH-HCID  |       |
| Diesel Range Organics             | ND            | ---             | 66.2            | mg/kg dry            | 1        | 05/29/24 18:11        | NWTPH-HCID  |       |
| Oil Range Organics                | ND            | ---             | 132             | mg/kg dry            | 1        | 05/29/24 18:11        | NWTPH-HCID  |       |
| Surrogate: o-Terphenyl (Surr)     |               | Recovery:       | 101 %           | Limits: 50-150 %     | 1        | 05/29/24 18:11        | NWTPH-HCID  |       |
| 4-Bromofluorobenzene (Surr)       |               |                 | 100 %           | 50-150 %             | 1        | 05/29/24 18:11        | NWTPH-HCID  |       |
| <b>SWI 2 (A4E1686-02)</b>         |               |                 |                 | <b>Matrix: Soil</b>  |          | <b>Batch: 24E0998</b> |             |       |
| Gasoline Range Organics           | ND            | ---             | 25.6            | mg/kg dry            | 1        | 05/29/24 18:34        | NWTPH-HCID  |       |
| Diesel Range Organics             | ND            | ---             | 64.0            | mg/kg dry            | 1        | 05/29/24 18:34        | NWTPH-HCID  |       |
| Oil Range Organics                | ND            | ---             | 128             | mg/kg dry            | 1        | 05/29/24 18:34        | NWTPH-HCID  |       |
| Surrogate: o-Terphenyl (Surr)     |               | Recovery:       | 103 %           | Limits: 50-150 %     | 1        | 05/29/24 18:34        | NWTPH-HCID  |       |
| 4-Bromofluorobenzene (Surr)       |               |                 | 98 %            | 50-150 %             | 1        | 05/29/24 18:34        | NWTPH-HCID  |       |
| <b>SWI 3 (A4E1686-03)</b>         |               |                 |                 | <b>Matrix: Soil</b>  |          | <b>Batch: 24E0998</b> |             |       |
| Gasoline Range Organics           | ND            | ---             | 24.7            | mg/kg dry            | 1        | 05/29/24 18:58        | NWTPH-HCID  |       |
| Diesel Range Organics             | ND            | ---             | 61.7            | mg/kg dry            | 1        | 05/29/24 18:58        | NWTPH-HCID  |       |
| Oil Range Organics                | ND            | ---             | 123             | mg/kg dry            | 1        | 05/29/24 18:58        | NWTPH-HCID  |       |
| Surrogate: o-Terphenyl (Surr)     |               | Recovery:       | 89 %            | Limits: 50-150 %     | 1        | 05/29/24 18:58        | NWTPH-HCID  |       |
| 4-Bromofluorobenzene (Surr)       |               |                 | 87 %            | 50-150 %             | 1        | 05/29/24 18:58        | NWTPH-HCID  |       |
| <b>SWI 4 (A4E1686-04)</b>         |               |                 |                 | <b>Matrix: Soil</b>  |          | <b>Batch: 24E0998</b> |             |       |
| Gasoline Range Organics           | ND            | ---             | 24.6            | mg/kg dry            | 1        | 05/29/24 19:21        | NWTPH-HCID  |       |
| Diesel Range Organics             | ND            | ---             | 61.4            | mg/kg dry            | 1        | 05/29/24 19:21        | NWTPH-HCID  |       |
| Oil Range Organics                | ND            | ---             | 123             | mg/kg dry            | 1        | 05/29/24 19:21        | NWTPH-HCID  |       |
| Surrogate: o-Terphenyl (Surr)     |               | Recovery:       | 91 %            | Limits: 50-150 %     | 1        | 05/29/24 19:21        | NWTPH-HCID  |       |
| 4-Bromofluorobenzene (Surr)       |               |                 | 87 %            | 50-150 %             | 1        | 05/29/24 19:21        | NWTPH-HCID  |       |
| <b>SWI 1 (Water) (A4E1686-05)</b> |               |                 |                 | <b>Matrix: Water</b> |          | <b>Batch: 24E1067</b> |             |       |
| Gasoline Range Organics           | ND            | ---             | 95.2            | ug/L                 | 1        | 05/31/24 01:18        | NWTPH-HCID  |       |
| Diesel Range Organics             | ND            | ---             | 238             | ug/L                 | 1        | 05/31/24 01:18        | NWTPH-HCID  |       |
| Oil Range Organics                | ND            | ---             | 238             | ug/L                 | 1        | 05/31/24 01:18        | NWTPH-HCID  |       |
| Surrogate: o-Terphenyl (Surr)     |               | Recovery:       | 85 %            | Limits: 50-150 %     | 1        | 05/31/24 01:18        | NWTPH-HCID  |       |
| 4-Bromofluorobenzene (Surr)       |               |                 | 28 %            | 10-120 %             | 1        | 05/31/24 01:18        | NWTPH-HCID  |       |
| <b>SWI 2 (Water) (A4E1686-06)</b> |               |                 |                 | <b>Matrix: Water</b> |          | <b>Batch: 24E1067</b> |             |       |

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6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

**4C's Environmental Inc.**

1590 SE Uglow Ave

Dallas, OR 97338

Project/#: **Marici 2281**

Project Manager: Casey Michaels

**Report ID:****A4E1686 - 06 17 24 1556****ANALYTICAL SAMPLE RESULTS****Hydrocarbon Identification Screen by NWTPH-HCID**

| Analyte                           | Sample Result | Detection Limit      | Reporting Limit | Units                 | Dilution | Date Analyzed  | Method Ref.    | Notes      |
|-----------------------------------|---------------|----------------------|-----------------|-----------------------|----------|----------------|----------------|------------|
| <b>SWI 2 (Water) (A4E1686-06)</b> |               | <b>Matrix: Water</b> |                 | <b>Batch: 24E1067</b> |          |                |                |            |
| Gasoline Range Organics           | ND            | ---                  | 98.0            | ug/L                  | 1        | 05/31/24 01:39 | NWTPH-HCID     |            |
| Diesel Range Organics             | ND            | ---                  | 245             | ug/L                  | 1        | 05/31/24 01:39 | NWTPH-HCID     |            |
| Oil Range Organics                | ND            | ---                  | 245             | ug/L                  | 1        | 05/31/24 01:39 | NWTPH-HCID     |            |
| Surrogate: o-Terphenyl (Surr)     |               | Recovery:            | 82 %            | Limits:               | 50-150 % | 1              | 05/31/24 01:39 | NWTPH-HCID |
| 4-Bromofluorobenzene (Surr)       |               |                      | 26 %            |                       | 10-120 % | 1              | 05/31/24 01:39 | NWTPH-HCID |
| <b>SWI 3 (Water) (A4E1686-07)</b> |               | <b>Matrix: Water</b> |                 | <b>Batch: 24E1067</b> |          |                |                |            |
| Gasoline Range Organics           | <b>DET</b>    | ---                  | 95.2            | ug/L                  | 1        | 05/31/24 01:59 | NWTPH-HCID     |            |
| Diesel Range Organics             | ND            | ---                  | 238             | ug/L                  | 1        | 05/31/24 01:59 | NWTPH-HCID     |            |
| Oil Range Organics                | <b>DET</b>    | ---                  | 238             | ug/L                  | 1        | 05/31/24 01:59 | NWTPH-HCID     |            |
| Surrogate: o-Terphenyl (Surr)     |               | Recovery:            | 74 %            | Limits:               | 50-150 % | 1              | 05/31/24 01:59 | NWTPH-HCID |
| 4-Bromofluorobenzene (Surr)       |               |                      | 26 %            |                       | 10-120 % | 1              | 05/31/24 01:59 | NWTPH-HCID |
| <b>SWI 4 (Water) (A4E1686-08)</b> |               | <b>Matrix: Water</b> |                 | <b>Batch: 24E1067</b> |          |                |                |            |
| Gasoline Range Organics           | ND            | ---                  | 94.3            | ug/L                  | 1        | 05/31/24 03:01 | NWTPH-HCID     |            |
| Diesel Range Organics             | ND            | ---                  | 236             | ug/L                  | 1        | 05/31/24 03:01 | NWTPH-HCID     |            |
| Oil Range Organics                | ND            | ---                  | 236             | ug/L                  | 1        | 05/31/24 03:01 | NWTPH-HCID     |            |
| Surrogate: o-Terphenyl (Surr)     |               | Recovery:            | 91 %            | Limits:               | 50-150 % | 1              | 05/31/24 03:01 | NWTPH-HCID |
| 4-Bromofluorobenzene (Surr)       |               |                      | 25 %            |                       | 10-120 % | 1              | 05/31/24 03:01 | NWTPH-HCID |

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**4C's Environmental Inc.**

1590 SE Uglow Ave

Dallas, OR 97338

Project/#: **Marici 2281**

Project Manager: Casey Michaels

**Report ID:**

**A4E1686 - 06 17 24 1556**

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 |
|-----------------------------------|---------------|-----------------|-----------------|----------------------|----------|-----------------------|-------------|-------|
| <b>SWI 3 (Water) (A4E1686-07)</b> |               |                 |                 | <b>Matrix: Water</b> |          | <b>Batch: 24E1067</b> |             |       |
| Diesel                            | ND            | ---             | 190             | ug/L                 | 1        | 05/31/24 01:59        | NWTPH-Dx    |       |
| Oil                               | 1270          | ---             | 381             | ug/L                 | 1        | 05/31/24 01:59        | NWTPH-Dx    |       |
| Surrogate: o-Terphenyl (Surr)     |               | Recovery: 73 %  |                 | Limits: 50-150 %     | 1        | 05/31/24 01:59        | NWTPH-Dx    |       |

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Tigard, OR 97223  
503-718-2323  
ORELAP ID: OR100062

**4C's Environmental Inc.**  
1590 SE Uglow Ave  
Dallas, OR 97338

Project/#: **Marici 2281**

Project Manager: Casey Michaels

**Report ID:**  
A4E1686 - 06 17 24 1556

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 |
|---------------------------------------|---------------|-----------------|-----------------|----------------------|----------|-----------------------|---------------|-------|
| <b>SWI 3 (Water) (A4E1686-07RE1)</b>  |               |                 |                 | <b>Matrix: Water</b> |          | <b>Batch: 24F0116</b> |               |       |
| Gasoline Range Organics               | ND            | ---             | 100             | ug/L                 | 1        | 06/05/24 09:38        | NWTPH-Gx (MS) |       |
| Surrogate: 4-Bromofluorobenzene (Sur) |               | Recovery:       | 97 %            | Limits: 50-150 %     | 1        | 06/05/24 09:38        | NWTPH-Gx (MS) |       |
| 1,4-Difluorobenzene (Sur)             |               |                 | 103 %           | 50-150 %             | 1        | 06/05/24 09:38        | NWTPH-Gx (MS) |       |

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1590 SE Uglow Ave

Dallas, OR 97338

Project/#: **Marici 2281**

Project Manager: Casey Michaels

**Report ID:****A4E1686 - 06 17 24 1556****ANALYTICAL SAMPLE RESULTS****BTEX Compounds by EPA 8260D**

| Analyte                                      | Sample Result | Detection Limit  | Reporting Limit | Units                | Dilution        | Date Analyzed         | Method Ref.           | Notes            |
|--|---------------|------------------|-----------------|----------------------|-----------------|-----------------------|-----------------------|------------------|
| <b>SWI 3 (Water) (A4E1686-07RE1)</b>         |               |                  |                 | <b>Matrix: Water</b> |                 | <b>Batch: 24F0116</b> |                       |                  |
| Benzene                                      | ND            | ---              | 0.200           | ug/L                 | 1               | 06/05/24 09:38        | EPA 8260D             |                  |
| Toluene                                      | ND            | ---              | 1.00            | ug/L                 | 1               | 06/05/24 09:38        | EPA 8260D             |                  |
| Ethylbenzene                                 | ND            | ---              | 0.500           | ug/L                 | 1               | 06/05/24 09:38        | EPA 8260D             |                  |
| <b>Xylenes, total</b>                        | <b>1.78</b>   | ---              | 1.50            | ug/L                 | 1               | 06/05/24 09:38        | EPA 8260D             |                  |
| <i>Surrogate: 1,4-Difluorobenzene (Surr)</i> |               | <i>Recovery:</i> | <i>104 %</i>    | <i>Limits:</i>       | <i>80-120 %</i> | <i>1</i>              | <i>06/05/24 09:38</i> | <i>EPA 8260D</i> |
| <i>Toluene-d8 (Surr)</i>                     |               |                  | <i>100 %</i>    |                      | <i>80-120 %</i> | <i>1</i>              | <i>06/05/24 09:38</i> | <i>EPA 8260D</i> |
| <i>4-Bromofluorobenzene (Surr)</i>           |               |                  | <i>96 %</i>     |                      | <i>80-120 %</i> | <i>1</i>              | <i>06/05/24 09:38</i> | <i>EPA 8260D</i> |

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Project#: **Marici 2281**

Project Manager: Casey Michaels

**Report ID:****A4E1686 - 06 17 24 1556****ANALYTICAL SAMPLE RESULTS****Polyaromatic Hydrocarbons (PAHs) by EPA 8270E (SIM)**

| Analyte                           | Sample Result | Detection Limit | Reporting Limit | Units                | Dilution | Date Analyzed         | Method Ref.   | Notes       |
|-----------------------------------|---------------|-----------------|-----------------|----------------------|----------|-----------------------|---------------|-------------|
| <b>SWI 3 (Water) (A4E1686-07)</b> |               |                 |                 | <b>Matrix: Water</b> |          | <b>Batch: 24E1067</b> |               | <b>Q-22</b> |
| Acenaphthene                      | ND            | ---             | 0.0952          | ug/L                 | 1        | 06/12/24 16:47        | EPA 8270E SIM |             |
| Acenaphthylene                    | ND            | ---             | 0.0952          | ug/L                 | 1        | 06/12/24 16:47        | EPA 8270E SIM |             |
| Anthracene                        | ND            | ---             | 0.0952          | ug/L                 | 1        | 06/12/24 16:47        | EPA 8270E SIM |             |
| Benz(a)anthracene                 | ND            | ---             | 0.0952          | ug/L                 | 1        | 06/12/24 16:47        | EPA 8270E SIM |             |
| Benzo(a)pyrene                    | ND            | ---             | 0.0952          | ug/L                 | 1        | 06/12/24 16:47        | EPA 8270E SIM |             |
| Benzo(b)fluoranthene              | ND            | ---             | 0.0952          | ug/L                 | 1        | 06/12/24 16:47        | EPA 8270E SIM |             |
| Benzo(k)fluoranthene              | ND            | ---             | 0.0952          | ug/L                 | 1        | 06/12/24 16:47        | EPA 8270E SIM |             |
| Benzo(g,h,i)perylene              | ND            | ---             | 0.0952          | ug/L                 | 1        | 06/12/24 16:47        | EPA 8270E SIM |             |
| Chrysene                          | ND            | ---             | 0.0952          | ug/L                 | 1        | 06/12/24 16:47        | EPA 8270E SIM |             |
| Dibenz(a,h)anthracene             | ND            | ---             | 0.0952          | ug/L                 | 1        | 06/12/24 16:47        | EPA 8270E SIM |             |
| Fluoranthene                      | ND            | ---             | 0.0952          | ug/L                 | 1        | 06/12/24 16:47        | EPA 8270E SIM |             |
| Fluorene                          | ND            | ---             | 0.0952          | ug/L                 | 1        | 06/12/24 16:47        | EPA 8270E SIM |             |
| Indeno(1,2,3-cd)pyrene            | ND            | ---             | 0.0952          | ug/L                 | 1        | 06/12/24 16:47        | EPA 8270E SIM |             |
| Naphthalene                       | ND            | ---             | 0.190           | ug/L                 | 1        | 06/12/24 16:47        | EPA 8270E SIM |             |
| Phenanthrene                      | ND            | ---             | 0.0952          | ug/L                 | 1        | 06/12/24 16:47        | EPA 8270E SIM |             |
| Pyrene                            | ND            | ---             | 0.0952          | ug/L                 | 1        | 06/12/24 16:47        | EPA 8270E SIM |             |

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503-718-2323  
ORELAP ID: OR100062****4C's Environmental Inc.****1590 SE Uglow Ave  
Dallas, OR 97338**Project/#: **Marici 2281**Project Manager: **Casey Michaels****Report ID:****A4E1686 - 06 17 24 1556****ANALYTICAL SAMPLE RESULTS****Percent Dry Weight**

| Analyte                   | Sample Result | Detection Limit | Reporting Limit | Units               | Dilution | Date Analyzed         | Method Ref. | Notes |
|---------------------------|---------------|-----------------|-----------------|---------------------|----------|-----------------------|-------------|-------|
| <b>SWI 1 (A4E1686-01)</b> |               |                 |                 | <b>Matrix: Soil</b> |          | <b>Batch: 24E1077</b> |             |       |
| % Solids                  | <b>73.6</b>   | ---             | 1.00            | %                   | 1        | 05/31/24 07:23        | EPA 8000D   |       |
| <b>SWI 2 (A4E1686-02)</b> |               |                 |                 | <b>Matrix: Soil</b> |          | <b>Batch: 24E1077</b> |             |       |
| % Solids                  | <b>76.4</b>   | ---             | 1.00            | %                   | 1        | 05/31/24 07:23        | EPA 8000D   |       |
| <b>SWI 3 (A4E1686-03)</b> |               |                 |                 | <b>Matrix: Soil</b> |          | <b>Batch: 24E1077</b> |             |       |
| % Solids                  | <b>75.7</b>   | ---             | 1.00            | %                   | 1        | 05/31/24 07:23        | EPA 8000D   |       |
| <b>SWI 4 (A4E1686-04)</b> |               |                 |                 | <b>Matrix: Soil</b> |          | <b>Batch: 24E1077</b> |             |       |
| % Solids                  | <b>75.3</b>   | ---             | 1.00            | %                   | 1        | 05/31/24 07:23        | EPA 8000D   |       |

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## ANALYTICAL REPORT

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Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

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1590 SE Uglow Ave

Dallas, OR 97338

Project#: **Marici 2281**

Project Manager: Casey Michaels

**Report ID:**

A4E1686 - 06 17 24 1556

## 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 24E0998 - EPA 3546 (Fuels) |        |   |                 |                  |          | Soil         |               |       |              |     |           |       |
| Blank (24E0998-BLK1)             |        | Prepared: 05/29/24 05:24   Analyzed: 05/29/24 17:48 |                 |                  |          |              |               |       |              |     |           |       |
| NWTPH-HCID                       |        |   |                 |                  |          |              |               |       |              |     |           |       |
| Gasoline Range Organics          | ND     | ---   | 20.0            | mg/kg wet        | 1        | ---          | ---           | ---   | ---          | --- | ---       |       |
| Diesel Range Organics            | ND     | ---   | 50.0            | mg/kg wet        | 1        | ---          | ---           | ---   | ---          | --- | ---       |       |
| Oil Range Organics               | ND     | ---   | 100             | mg/kg wet        | 1        | ---          | ---           | ---   | ---          | --- | ---       |       |
| Surr: o-Terphenyl (Surr)         |        | Recovery: 81 %                                      |                 | Limits: 50-150 % |          | Dilution: 1x |               |       |              |     |           |       |
| 4-Bromofluorobenzene (Surr)      |        | 80 %  |                 | 50-150 %         |          | "            |               |       |              |     |           |       |

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

| Batch 24E1067 - EPA 3510C (Fuels/Acid Ext.) |    |  |     |                  |   | Water        |     |     |     |     |     |
|---|----|--|-----|------------------|---|--------------|-----|-----|-----|-----|-----|
| Blank (24E1067-BLK1)                        |    | Prepared: 05/30/24 06:45    Analyzed: 05/30/24 20:08 |     |                  |   |              |     |     |     |     |     |
| NWTPH-HCID                                  |    |  |     |                  |   |              |     |     |     |     |     |
| Gasoline Range Organics                     | ND | ---  | 100 | ug/L             | 1 | ---          | --- | --- | --- | --- | --- |
| Diesel Range Organics                       | ND | ---  | 250 | ug/L             | 1 | ---          | --- | --- | --- | --- | --- |
| Oil Range Organics                          | ND | ---  | 250 | ug/L             | 1 | ---          | --- | --- | --- | --- | --- |
| Surr: o-Terphenyl (Surr)                    |    | Recovery: 83 %                                       |     | Limits: 50-150 % |   | Dilution: 1x |     |     |     |     |     |
| 4-Bromofluorobenzene (Surr)                 |    | 28 %   |     | 10-120 %         |   | "            |     |     |     |     |     |

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

Apex Laboratories

Darrell Auvil, Client Services Manager

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## ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

**4C's Environmental Inc.**

1590 SE Uglow Ave

Dallas, OR 97338

Project#: **Marici 2281**

Project Manager: Casey Michaels

**Report ID:**

A4E1686 - 06 17 24 1556

## 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 24E1067 - EPA 3510C (Fuels/Acid Ext.) |        |  |                 |                  |          |              | Water         |       |              |     |           |       |
| Blank (24E1067-BLK1)                        |        | Prepared: 05/30/24 06:45    Analyzed: 05/30/24 20:08 |                 |                  |          |              |               |       |              |     |           |       |
| NWTPH-Dx                                    |        |  |                 |                  |          |              |               |       |              |     |           |       |
| Diesel                                      | ND     | ---  | 200             | ug/L             | 1        | ---          | ---           | ---   | ---          | --- | ---       |       |
| Oil   | ND     | ---  | 400             | ug/L             | 1        | ---          | ---           | ---   | ---          | --- | ---       |       |
| Surr: o-Terphenyl (Surr)                    |        | Recovery: 83 %                                       |                 | Limits: 50-150 % |          | Dilution: 1x |               |       |              |     |           |       |
| LCS (24E1067-BS1)                           |        | Prepared: 05/30/24 06:45    Analyzed: 05/30/24 20:29 |                 |                  |          |              |               |       |              |     |           |       |
| NWTPH-Dx                                    |        |  |                 |                  |          |              |               |       |              |     |           |       |
| Diesel                                      | 1170   | ---  | 200             | ug/L             | 1        | 1250         | ---           | 93    | 36 - 132%    | --- | ---       |       |
| Surr: o-Terphenyl (Surr)                    |        | Recovery: 98 %                                       |                 | Limits: 50-150 % |          | Dilution: 1x |               |       |              |     |           |       |
| LCS Dup (24E1067-BSD1)                      |        | Prepared: 05/30/24 06:45    Analyzed: 05/30/24 20:50 |                 |                  |          |              |               |       |              |     |           |       |
| NWTPH-Dx                                    |        |  |                 |                  |          |              |               |       |              |     |           |       |
| Diesel                                      | 1120   | ---  | 200             | ug/L             | 1        | 1250         | ---           | 89    | 36 - 132%    | 4   | 30%       |       |
| Surr: o-Terphenyl (Surr)                    |        | Recovery: 90 %                                       |                 | Limits: 50-150 % |          | Dilution: 1x |               |       |              |     |           |       |

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

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Project#: **Marici 2281**

Project Manager: Casey Michaels

**Report ID:**

A4E1686 - 06 17 24 1556

## 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 24F0054 - EPA 5030C        |        |   |                 |                  |          | Water        |               |       |              |     |           |       |
| Blank (24F0054-BLK1)             |        | Prepared: 06/04/24 06:31   Analyzed: 06/04/24 11:38 |                 |                  |          |              |               |       |              |     |           |       |
| NWTPH-Gx (MS)                    |        |   |                 |                  |          |              |               |       |              |     |           |       |
| Gasoline Range Organics          | ND     | ---   | 100             | ug/L             | 1        | ---          | ---           | ---   | ---          | --- | ---       |       |
| Surr: 4-Bromofluorobenzene (Sur) |        | Recovery: 100 %                                     |                 | Limits: 50-150 % |          | Dilution: 1x |               |       |              |     |           |       |
| 1,4-Difluorobenzene (Sur)        |        | 107 %   |                 | 50-150 %         |          | "            |               |       |              |     |           |       |
|                                  |        |   |                 |                  |          |              |               |       |              |     |           |       |
| LCS (24F0054-BS2)                |        | Prepared: 06/04/24 06:31   Analyzed: 06/04/24 11:11 |                 |                  |          |              |               |       |              |     |           |       |
| NWTPH-Gx (MS)                    |        |   |                 |                  |          |              |               |       |              |     |           |       |
| Gasoline Range Organics          | 470    | ---   | 100             | ug/L             | 1        | 500          | ---           | 94    | 80 - 120%    | --- | ---       |       |
| Surr: 4-Bromofluorobenzene (Sur) |        | Recovery: 97 %                                      |                 | Limits: 50-150 % |          | Dilution: 1x |               |       |              |     |           |       |
| 1,4-Difluorobenzene (Sur)        |        | 100 %   |                 | 50-150 %         |          | "            |               |       |              |     |           |       |

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

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**Report ID:**

A4E1686 - 06 17 24 1556

## 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 24F0116 - EPA 5030C        |        |   |                 |                  |          | Water        |               |       |              |     |           |       |
| Blank (24F0116-BLK1)             |        | Prepared: 06/05/24 06:10   Analyzed: 06/05/24 09:05 |                 |                  |          |              |               |       |              |     |           |       |
| NWTPH-Gx (MS)                    |        |   |                 |                  |          |              |               |       |              |     |           |       |
| Gasoline Range Organics          | ND     | ---   | 100             | ug/L             | 1        | ---          | ---           | ---   | ---          | --- | ---       |       |
| Surr: 4-Bromofluorobenzene (Sur) |        | Recovery: 99 %                                      |                 | Limits: 50-150 % |          | Dilution: 1x |               |       |              |     |           |       |
| 1,4-Difluorobenzene (Sur)        |        | 103 %   |                 | 50-150 %         |          | "            |               |       |              |     |           |       |
|                                  |        |   |                 |                  |          |              |               |       |              |     |           |       |
| LCS (24F0116-BS2)                |        | Prepared: 06/05/24 06:10   Analyzed: 06/05/24 08:43 |                 |                  |          |              |               |       |              |     |           |       |
| NWTPH-Gx (MS)                    |        |   |                 |                  |          |              |               |       |              |     |           |       |
| Gasoline Range Organics          | 476    | ---   | 100             | ug/L             | 1        | 500          | ---           | 95    | 80 - 120%    | --- | ---       |       |
| Surr: 4-Bromofluorobenzene (Sur) |        | Recovery: 97 %                                      |                 | Limits: 50-150 % |          | Dilution: 1x |               |       |              |     |           |       |
| 1,4-Difluorobenzene (Sur)        |        | 98 %  |                 | 50-150 %         |          | "            |               |       |              |     |           |       |

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

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Dallas, OR 97338

Project#: **Marici 2281**Project Manager: **Casey Michaels****Report ID:****A4E1686 - 06 17 24 1556**

## QUALITY CONTROL (QC) SAMPLE RESULTS

## BTEX Compounds by EPA 8260D

| Analyte                          | Result | Detection Limit                                     | Reporting Limit | Units            | Dilution | Spike Amount | Source Result | % REC | % REC Limits | RPD | RPD Limit | Notes |
|----------------------------------|--------|---|-----------------|------------------|----------|--------------|---------------|-------|--------------|-----|-----------|-------|
| Batch 24F0054 - EPA 5030C        |        |   |                 |                  |          |              | Water         |       |              |     |           |       |
| Blank (24F0054-BLK1)             |        | Prepared: 06/04/24 06:31   Analyzed: 06/04/24 11:38 |                 |                  |          |              |               |       |              |     |           |       |
| 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        | ---          | ---           | ---   | ---          | --- | ---       |       |
| Surr: 1,4-Difluorobenzene (Surr) |        | Recovery: 111 %                                     |                 | Limits: 80-120 % |          | Dilution: 1x |               |       |              |     |           |       |
| Toluene-d8 (Surr)                |        | 101 %   |                 | 80-120 %         |          | "            |               |       |              |     |           |       |
| 4-Bromofluorobenzene (Surr)      |        | 101 %   |                 | 80-120 %         |          | "            |               |       |              |     |           |       |
|                                  |        |   |                 |                  |          |              |               |       |              |     |           |       |
| LCS (24F0054-BS1)                |        | Prepared: 06/04/24 06:31   Analyzed: 06/04/24 10:39 |                 |                  |          |              |               |       |              |     |           |       |
| EPA 8260D                        |        |   |                 |                  |          |              |               |       |              |     |           |       |
| Benzene                          | 21.0   | ---   | 0.200           | ug/L             | 1        | 20.0         | ---           | 105   | 80 - 120%    | --- | ---       |       |
| Toluene                          | 19.1   | ---   | 1.00            | ug/L             | 1        | 20.0         | ---           | 96    | 80 - 120%    | --- | ---       |       |
| Ethylbenzene                     | 21.2   | ---   | 0.500           | ug/L             | 1        | 20.0         | ---           | 106   | 80 - 120%    | --- | ---       |       |
| Xylenes, total                   | 62.2   | ---   | 1.50            | ug/L             | 1        | 60.0         | ---           | 104   | 80 - 120%    | --- | ---       |       |
| Surr: 1,4-Difluorobenzene (Surr) |        | Recovery: 104 %                                     |                 | Limits: 80-120 % |          | Dilution: 1x |               |       |              |     |           |       |
| Toluene-d8 (Surr)                |        | 97 %  |                 | 80-120 %         |          | "            |               |       |              |     |           |       |
| 4-Bromofluorobenzene (Surr)      |        | 93 %  |                 | 80-120 %         |          | "            |               |       |              |     |           |       |

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

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**4C's Environmental Inc.**

1590 SE Uglow Ave

Dallas, OR 97338

Project#: **Marici 2281**Project Manager: **Casey Michaels****Report ID:****A4E1686 - 06 17 24 1556**

## QUALITY CONTROL (QC) SAMPLE RESULTS

## BTEX Compounds by EPA 8260D

| Analyte                          | Result | Detection Limit                                     | Reporting Limit | Units            | Dilution | Spike Amount | Source Result | % REC | % REC Limits | RPD | RPD Limit | Notes |
|----------------------------------|--------|---|-----------------|------------------|----------|--------------|---------------|-------|--------------|-----|-----------|-------|
| Batch 24F0116 - EPA 5030C        |        |   |                 |                  |          | Water        |               |       |              |     |           |       |
| Blank (24F0116-BLK1)             |        | Prepared: 06/05/24 06:10   Analyzed: 06/05/24 09:05 |                 |                  |          |              |               |       |              |     |           |       |
| 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        | ---          | ---           | ---   | ---          | --- | ---       |       |
| Surr: 1,4-Difluorobenzene (Surr) |        | Recovery: 104 %                                     |                 | Limits: 80-120 % |          | Dilution: 1x |               |       |              |     |           |       |
| Toluene-d8 (Surr)                |        | 101 %   |                 | 80-120 %         |          | "            |               |       |              |     |           |       |
| 4-Bromofluorobenzene (Surr)      |        | 97 %  |                 | 80-120 %         |          | "            |               |       |              |     |           |       |
|                                  |        |   |                 |                  |          |              |               |       |              |     |           |       |
| LCS (24F0116-BS1)                |        | Prepared: 06/05/24 06:10   Analyzed: 06/05/24 08:14 |                 |                  |          |              |               |       |              |     |           |       |
| EPA 8260D                        |        |   |                 |                  |          |              |               |       |              |     |           |       |
| Benzene                          | 21.8   | ---   | 0.200           | ug/L             | 1        | 20.0         | ---           | 109   | 80 - 120%    | --- | ---       |       |
| Toluene                          | 20.2   | ---   | 1.00            | ug/L             | 1        | 20.0         | ---           | 101   | 80 - 120%    | --- | ---       |       |
| Ethylbenzene                     | 21.2   | ---   | 0.500           | ug/L             | 1        | 20.0         | ---           | 106   | 80 - 120%    | --- | ---       |       |
| Xylenes, total                   | 64.8   | ---   | 1.50            | ug/L             | 1        | 60.0         | ---           | 108   | 80 - 120%    | --- | ---       |       |
| Surr: 1,4-Difluorobenzene (Surr) |        | Recovery: 99 %                                      |                 | Limits: 80-120 % |          | Dilution: 1x |               |       |              |     |           |       |
| Toluene-d8 (Surr)                |        | 99 %  |                 | 80-120 %         |          | "            |               |       |              |     |           |       |
| 4-Bromofluorobenzene (Surr)      |        | 98 %  |                 | 80-120 %         |          | "            |               |       |              |     |           |       |

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

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Project#: **Marici 2281**

Project Manager: Casey Michaels

**Report ID:**

A4E1686 - 06 17 24 1556

## QUALITY CONTROL (QC) SAMPLE RESULTS

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

| Analyte                                     | Result | Detection Limit                                   | Reporting Limit | Units | Dilution | Spike Amount | Source Result | % REC | % REC Limits | RPD | RPD Limit | Notes |
|---|--------|---|-----------------|-------|----------|--------------|---------------|-------|--------------|-----|-----------|-------|
| Batch 24E1067 - EPA 3510C (Fuels/Acid Ext.) |        |   |                 |       |          | Water        |               |       |              |     |           |       |
| Blank (24E1067-BLK2)                        |        | Prepared: 05/30/24 06:45 Analyzed: 06/12/24 16:22 |                 |       |          |              |               |       |              |     |           | Q-22  |
| EPA 8270E SIM                               |        |   |                 |       |          |              |               |       |              |     |           |       |
| Acenaphthene                                | ND     | ---   | 0.100           | ug/L  | 1        | ---          | ---           | ---   | ---          | --- | ---       |       |
| Acenaphthylene                              | ND     | ---   | 0.100           | ug/L  | 1        | ---          | ---           | ---   | ---          | --- | ---       |       |
| Anthracene                                  | ND     | ---   | 0.100           | ug/L  | 1        | ---          | ---           | ---   | ---          | --- | ---       |       |
| Benz(a)anthracene                           | ND     | ---   | 0.100           | ug/L  | 1        | ---          | ---           | ---   | ---          | --- | ---       |       |
| Benzo(a)pyrene                              | ND     | ---   | 0.100           | ug/L  | 1        | ---          | ---           | ---   | ---          | --- | ---       |       |
| Benzo(b)fluoranthene                        | ND     | ---   | 0.100           | ug/L  | 1        | ---          | ---           | ---   | ---          | --- | ---       |       |
| Benzo(k)fluoranthene                        | ND     | ---   | 0.100           | ug/L  | 1        | ---          | ---           | ---   | ---          | --- | ---       |       |
| Benzo(g,h,i)perylene                        | ND     | ---   | 0.100           | ug/L  | 1        | ---          | ---           | ---   | ---          | --- | ---       |       |
| Chrysene                                    | ND     | ---   | 0.100           | ug/L  | 1        | ---          | ---           | ---   | ---          | --- | ---       |       |
| Dibenz(a,h)anthracene                       | ND     | ---   | 0.100           | ug/L  | 1        | ---          | ---           | ---   | ---          | --- | ---       |       |
| Fluoranthene                                | ND     | ---   | 0.100           | ug/L  | 1        | ---          | ---           | ---   | ---          | --- | ---       |       |
| Fluorene                                    | ND     | ---   | 0.100           | ug/L  | 1        | ---          | ---           | ---   | ---          | --- | ---       |       |
| Indeno(1,2,3-cd)pyrene                      | ND     | ---   | 0.100           | ug/L  | 1        | ---          | ---           | ---   | ---          | --- | ---       |       |
| Naphthalene                                 | ND     | ---   | 0.200           | ug/L  | 1        | ---          | ---           | ---   | ---          | --- | ---       |       |
| Phenanthrene                                | ND     | ---   | 0.100           | ug/L  | 1        | ---          | ---           | ---   | ---          | --- | ---       |       |
| Pyrene                                      | ND     | ---   | 0.100           | ug/L  | 1        | ---          | ---           | ---   | ---          | --- | ---       |       |

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Project/#: Marici 2281

Project Manager: Casey Michaels

Report ID:

A4E1686 - 06 17 24 1556

QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

| Analyte | Result | Detection<br>Limit | Reporting<br>Limit | Units | Dilution | Spike<br>Amount | Source<br>Result | % REC | % REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|--------------------|-------|----------|-----------------|------------------|-------|-----------------|-----|--------------|-------|
|---------|--------|--------------------|--------------------|-------|----------|-----------------|------------------|-------|-----------------|-----|--------------|-------|

Batch 24E1077 - Total Solids (Dry Weight) - 2022

Soil

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

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Project Manager: Casey Michaels

**Report ID:****A4E1686 - 06 17 24 1556****SAMPLE PREPARATION INFORMATION****Hydrocarbon Identification Screen by NWTPH-HCID****Prep: EPA 3510C (Fuels/Acid Ext.)**

| Lab Number            | Matrix | Method     | Sampled        | Prepared       | Sample Initial/Final | Default Initial/Final | RL Prep Factor |
|-----------------------|--------|------------|----------------|----------------|----------------------|-----------------------|----------------|
| <b>Batch: 24E1067</b> |        |            |                |                |                      |                       |                |
| A4E1686-05            | Water  | NWTPH-HCID | 05/28/24 08:25 | 05/30/24 06:45 | 1050mL/5mL           | 1000mL/5mL            | 0.95           |
| A4E1686-06            | Water  | NWTPH-HCID | 05/28/24 09:20 | 05/30/24 06:45 | 1020mL/5mL           | 1000mL/5mL            | 0.98           |
| A4E1686-07            | Water  | NWTPH-HCID | 05/28/24 09:50 | 05/30/24 06:45 | 1050mL/5mL           | 1000mL/5mL            | 0.95           |
| A4E1686-08            | Water  | NWTPH-HCID | 05/28/24 10:22 | 05/30/24 06:45 | 1060mL/5mL           | 1000mL/5mL            | 0.94           |

**Prep: EPA 3546 (Fuels)**

| Lab Number            | Matrix | Method     | Sampled        | Prepared       | Sample Initial/Final | Default Initial/Final | RL Prep Factor |
|-----------------------|--------|------------|----------------|----------------|----------------------|-----------------------|----------------|
| <b>Batch: 24E0998</b> |        |            |                |                |                      |                       |                |
| A4E1686-01            | Soil   | NWTPH-HCID | 05/28/24 08:20 | 05/29/24 16:11 | 10.26g/10mL          | 10g/10mL              | 0.98           |
| A4E1686-02            | Soil   | NWTPH-HCID | 05/28/24 09:15 | 05/29/24 16:11 | 10.22g/10mL          | 10g/10mL              | 0.98           |
| A4E1686-03            | Soil   | NWTPH-HCID | 05/28/24 09:45 | 05/29/24 16:11 | 10.7g/10mL           | 10g/10mL              | 0.94           |
| A4E1686-04            | Soil   | NWTPH-HCID | 05/28/24 10:15 | 05/29/24 16:11 | 10.81g/10mL          | 10g/10mL              | 0.93           |

**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 |
|-----------------------|--------|----------|----------------|----------------|----------------------|-----------------------|----------------|
| <b>Batch: 24E1067</b> |        |          |                |                |                      |                       |                |
| A4E1686-07            | Water  | NWTPH-Dx | 05/28/24 09:50 | 05/30/24 06:45 | 1050mL/5mL           | 1000mL/5mL            | 0.95           |

**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 |
|-----------------------|--------|---------------|----------------|----------------|----------------------|-----------------------|----------------|
| <b>Batch: 24F0116</b> |        |               |                |                |                      |                       |                |
| A4E1686-07RE1         | Water  | NWTPH-Gx (MS) | 05/28/24 09:50 | 06/05/24 08:43 | 5mL/5mL              | 5mL/5mL               | 1.00           |

**BTEX Compounds by EPA 8260D****Prep: EPA 5030C**

| Lab Number            | Matrix | Method    | Sampled        | Prepared       | Sample Initial/Final | Default Initial/Final | RL Prep Factor |
|-----------------------|--------|-----------|----------------|----------------|----------------------|-----------------------|----------------|
| <b>Batch: 24F0116</b> |        |           |                |                |                      |                       |                |
| A4E1686-07RE1         | Water  | EPA 8260D | 05/28/24 09:50 | 06/05/24 08:43 | 5mL/5mL              | 5mL/5mL               | 1.00           |

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

Apex Laboratories

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Darrell Auvil, Client Services Manager



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

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

**4C's Environmental Inc.**

1590 SE Uglow Ave

Dallas, OR 97338

Project#: **Marici 2281**Project Manager: **Casey Michaels****Report ID:****A4E1686 - 06 17 24 1556****SAMPLE PREPARATION INFORMATION****Polyaromatic Hydrocarbons (PAHs) by EPA 8270E (SIM)****Prep: EPA 3510C (Fuels/Acid Ext.)**

| Lab Number            | Matrix | Method        | Sampled        | Prepared       | Sample<br>Initial/Final | Default<br>Initial/Final | RL Prep<br>Factor |
|-----------------------|--------|---------------|----------------|----------------|-------------------------|--------------------------|-------------------|
| <b>Batch: 24E1067</b> |        |               |                |                |                         |                          |                   |
| A4E1686-07            | Water  | EPA 8270E SIM | 05/28/24 09:50 | 05/30/24 06:45 | 1050mL/5mL              | 1000mL/2mL               | 2.38              |

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

| Lab Number            | Matrix | Method    | Sampled        | Prepared       | Sample<br>Initial/Final | Default<br>Initial/Final | RL Prep<br>Factor |
|-----------------------|--------|-----------|----------------|----------------|-------------------------|--------------------------|-------------------|
| <b>Batch: 24E1077</b> |        |           |                |                |                         |                          |                   |
| A4E1686-01            | Soil   | EPA 8000D | 05/28/24 08:20 | 05/30/24 09:31 |                         |                          | NA                |
| A4E1686-02            | Soil   | EPA 8000D | 05/28/24 09:15 | 05/30/24 09:31 |                         |                          | NA                |
| A4E1686-03            | Soil   | EPA 8000D | 05/28/24 09:45 | 05/30/24 09:31 |                         |                          | NA                |
| A4E1686-04            | Soil   | EPA 8000D | 05/28/24 10:15 | 05/30/24 09:31 |                         |                          | NA                |

Apex Laboratories

Darrell Auvil, Client Services Manager

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

4C's Environmental Inc.

1590 SE Uglow Ave  
Dallas, OR 97338

Project/#: Marici 2281

Project Manager: Casey Michaels

Report ID:

A4E1686 - 06 17 24 1556

QUALIFIER DEFINITIONS

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

Apex Laboratories

- Q-19** Blank Spike Duplicate (BSD) sample analyzed in place of Matrix Spike/Duplicate samples due to limited sample amount available for analysis.
- Q-22** Due to limited sample volume or hold time restraints, the NWTPH-Dx extract was used for the 8270 SIM PAH analysis. Therefore no PAH Surrogates and/or Batch QC results are available. Results are Estimated Values.

Apex Laboratories

Darrell Auvil, Client Services Manager

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## ANALYTICAL REPORT

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1590 SE Uglow Ave

Dallas, OR 97338

Project/#: **Marici 2281**

Project Manager: **Casey Michaels**

**Report ID:**

**A4E1686 - 06 17 24 1556**

### REPORTING NOTES AND CONVENTIONS:

#### Abbreviations:

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

#### Detection Limits: Limit of Detection (LOD)

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

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

#### Reporting Limits: Limit of Quantitation (LOQ)

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

#### Reporting Conventions:

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

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

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

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

#### QC Source:

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

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

#### Miscellaneous Notes:

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

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

#### Blanks:

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to one half of the Reporting Limit (RL).  
Blank results for gravimetric analyses are evaluated to the Reporting Level, not to half of the Reporting Level.

- For Blank hits falling between ½ the RL and the RL (J flagged hits), the associated sample and QC data will receive a 'B-02' qualifier.
- For Blank hits above the RL, the associated sample and QC data will receive a 'B' qualifier, per Apex Laboratories' Blank Policy.

Apex Laboratories

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Darrell Auvil, Client Services Manager



## ANALYTICAL REPORT

**Apex Laboratories, LLC**

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

**4C's Environmental Inc.**

1590 SE Uglow Ave

Dallas, OR 97338

Project#: **Marici 2281**

Project Manager: **Casey Michaels**

**Report ID:**

**A4E1686 - 06 17 24 1556**

### REPORTING NOTES AND CONVENTIONS (Cont.):

#### **Blanks (Cont.):**

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

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

#### **Preparation Notes:**

##### Mixed Matrix Samples:

##### Water Samples:

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

##### Soil and Sediment Samples:

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

#### **Sampling and Preservation Notes:**

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

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

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

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

Apex Laboratories

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Darrell Auvil, Client Services Manager

**ANALYTICAL REPORT****Apex Laboratories, LLC**6700 S.W. Sandburg Street  
Tigard, OR 97223  
503-718-2323  
ORELAP ID: OR100062**4C's Environmental Inc.**1590 SE Uglow Ave  
Dallas, OR 97338Project/#: **Marici 2281**

Project Manager: Casey Michaels

**Report ID:****A4E1686 - 06 17 24 1556****LABORATORY ACCREDITATION INFORMATION****ORELAP Certification ID: OR100062 (Primary Accreditation)****EPA ID: OR01039**

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

**Apex Laboratories**

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

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

**Secondary Accreditations**

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

**Subcontract Laboratory Accreditations**

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

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

**Field Testing Parameters**

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

Apex Laboratories

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## ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

4C's Environmental Inc.

Project#: Marici 2281

1590 SE Uglow Ave

Dallas, OR 97338

Project Manager: Casey Michaels

Report ID:

A4E1686 - 06 17 24 1556

| APEX LABS   |  | CHAIN OF CUSTODY   |  | Lab # A4E1686 COC 1 of 1 |  |
|---|--|--|--|--------------------------|--|
| Company: 4C's Environmental Inc.<br>Address: 1590 SE Uglow Ave.<br>Dallas, OR 97338 |  | Project Name: MARICI   |  | Project #: 2281          |  |
| Sampled by: GML   |  | Phone:   |  | PO #                     |  |
| Site Location: State OR County Polk   |  | Email:   |  |                          |  |
| DATE  |  | TIME   |  | MATRIX                   |  |
| 5-28  |  | 8:20   |  | SW1 1                    |  |
| 5-28  |  | 9:15   |  | SW1 2                    |  |
| 5-28  |  | 9:45   |  | SW1 3                    |  |
| 5-28  |  | 10:15  |  | SW1 4                    |  |
| 5-28  |  | 8:25   |  | SW1 1                    |  |
| 5-28  |  | 9:20   |  | SW1 2                    |  |
| 5-28  |  | 9:50   |  | SW1 3                    |  |
| 5-28  |  | 10:22  |  | SW1 4                    |  |
| NWTPH-HCID  |  | NWTPH-DX   |  | NWTPH-GX                 |  |
| 8260 BTEX   |  | 8260 RHDM VOCs   |  | 8260 Halo VOCs           |  |
| 8260 VOCs Full List   |  | 8270 SIM PAHs  |  | 8270 Semi-Vols Full List |  |
| 8082 PCBs   |  | 8081 Pesticides  |  | RCRA Metals (8)          |  |
| Priority Metals (13)  |  | Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Ti, V, Zn |  | TOTAL DISS. TCLP         |  |
| TCLP Metals (8)   |  | 5035   |  | Hold Sample              |  |
| Frozen Archive  |  |  |  |                          |  |

| SPECIAL INSTRUCTIONS:  |  |
|--|--|
| Standard Turn Around Time (TAT) = 10 Business Days             |  |
| TAT Requested (circle) 1 Day 2 Day 3 Day 5 Day Standard Other: |  |

| RECEIVED BY:           |               |
|------------------------|---------------|
| Signature: [Signature] | Date: 5/29/24 |
| Printed Name: [Name]   | Time: 0747    |
| Company: Apex          |               |

| RECEIVED BY:           |               |
|------------------------|---------------|
| Signature: [Signature] | Date: 5/29/24 |
| Printed Name: [Name]   | Time: 0747    |
| Company: Apex          |               |

Apex Laboratories

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Darrell Auvil, Client Services Manager





## ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

4C's Environmental Inc.

1590 SE Uglow Ave

Dallas, OR 97338

Project#: Marici 2281

Project Manager: Casey Michaels

Report ID:

A4E1686 - 06 17 24 1556

## APEX LABS COOLER RECEIPT FORM

Client: 4C's Environmental Inc. <sup>ask for KRS</sup> <sub>STALIN</sub> Element WO#: A4E1686Project/Project #: Marici / 2281

## Delivery Info:

Date/time received: 5/19/24 @ 0747 By: KRSDelivered by: Apex ☒ Client ☒ ESS ☐ FedEx ☐ UPS ☐ Radio ☐ Morgan ☐ SDS ☐ Evergreen ☐ Other ☐From USDA Regulated Origin? Yes ☐ No ☒Cooler Inspection Date/time inspected: 5/19/24 @ 0747 By: KRSChain 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>1.8</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: 5/29/24 @ 15:34 By: KRMAll samples intact? Yes ☒ No ☐ Comments: Bottle labels/COCs agree? Yes ☒ No ☐ Comments: Sample ID's listed twice, matched by matrixCOC/container discrepancies form initiated? Yes ☐ No ☒Containers/volumes received appropriate for analysis? Yes ☒ No ☐ Comments: Do VOA vials have visible headspace? Yes ☐ No ☒ NA ☒ ask 5/29Comments: 3/3 for SWI 1; SWI 2 have sedWater samples: pH checked: Yes ☒ No ☐ NA ☒ pH appropriate? Yes ☒ No ☐ NA ☒ pH ID: A23772Comments: SWI 2 water HCl Amber pH = 7 ask for KRM STALINLabeled by: KRMWitness: AKLCooler Inspected by: VNO

Form Y-003 R-02

Apex Laboratories

Darrell Auvil, Client Services Manager

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## **DISPOSAL / RECYCLE RECEIPT**

for  
**LIQUID AND SLUDGE**

from  
**UNDERGROUND STORAGE TANK CLEANING**

7/19/2024

Facility name and address where the tank was located:

Independence Aviation, LLC  
4705 Airport Rd,  
Independence, OR 97351

Capacity of Tank:

(2)– 12,000 gallon Tank

Facility of holding location:

4C's Environmental Inc  
1590 SE Uglow Ave,  
Dallas, OR 97338

Tanks previously stored petroleum related products. The tanks were emptied, interiorly cleaned, and purged. The material from the tanks and tank cleaning was removed and stored in barrels. The barrels were stored at 4C's Environmental Inc facility until holding containers are full and ready for transport to be recycled. The material is delivered and recycled at Orrco in Portland, OR.



**To: Underground Storage Tank (UST) and Leaking Underground Storage Tank (LUST) Programs**

**From: Dave Pardue – UST Decommissioning Inspector**

**Date: May 2024**

**Subject: UST Facility 5064 -- 2024 Tank Decommissioning (LUST 27-01-4009. NFA issued 2002)**

The Department UST Program received a 30-Day Intent to Decommission and Site Assessment Report for Facility 5064 on May 6, 2024.

The property is located at 4705 Airport Rd, in Independence, OR.

LUST file 27-01-4009, was opened in March of 2001 and was closed in October of 2002. A tiny hole was found in piping that was being upgraded.

Lab testing showed 820 mg/kg gasoline in soil. Approximately 3.33 tons of contaminated soil was removed and disposed of by thermal treatment. Confirmation soil samples were non-detect for gasoline.

Groundwater that entered the remedial excavation was sampled following all soil removal. No gasoline contamination was detected in the sample.

It is the opinion of DEQ that any contamination documented in site assessment sample testing would represent a new release from the facility, and in that case a new LUST file should be opened.

Oregon Department of Environmental Quality - Underground Storage Tank Program  
Technical Compliance Inspection - UST Inspection Report (Decommission)

Inspector: , Dave Pardue

Date: \_\_\_\_ 5/20-5/21/24

Time: \_\_\_\_\_

Facility: \_\_\_\_ 5064

| I. Site Information   |                       |               |                     |  |  |
|---|-----------------------|---------------|---------------------|--|--|
| Facility Name:  | Independence Aviation |               | Permittee:          |  |  |
| Site Address:   | 12110 NE Sandy Blvd   |               | Organization:       |  |  |
| City:   | Portland              |               | Phone: 503-849-1888 |  |  |
| II. Tank Information  |                       |               |                     |  |  |
| DEQ Permit #  | BAJHF                 | BAJHG         |                     |  |  |
| Estimated Gallons   | 10000                 | 10000         |                     |  |  |
| Substance   | BIODIESEL             | Gas           |                     |  |  |
| Tank Material   | Cat Pro steel         | Cat Pro steel |                     |  |  |
| Tank Install Date   | 11/2/1975             | 11/2/1975     |                     |  |  |
| Pipe Material   | Galv Steel            | Galv Steel    |                     |  |  |
| Pipe Type   | PRESSURE              | PRESSURE      |                     |  |  |
| Pipe Install Date   |                       |               |                     |  |  |
| Overfill Device   | shut off              | shut off      |                     |  |  |
| Objective of field visit: Decom   |                       |               |                     |  |  |
| <b>Notes and Comments from the UST database:</b> <div style="float: right;"><input type="checkbox"/> Check file before conducting inspection</div> <p>cp had been out of use since building and rectifier were in a fire.</p> |                       |               |                     |  |  |

| IV. Corrosion Protection                              |                                   | Compliance                   | Yes                         | X No |
|---|-----------------------------------|------------------------------|-----------------------------|------|
| <input type="checkbox"/> Cathodic                     | <input type="checkbox"/> Galvanic | X Impressed Current          |                             |      |
| Steel tank with cathodic?                             |                                   | <input type="checkbox"/> Yes | <input type="checkbox"/> No |      |
| Steel pipes with cathodic?                            |                                   | <input type="checkbox"/> Yes | <input type="checkbox"/> No |      |
| Steel flex-lines with cathodic?                       |                                   | <input type="checkbox"/> Yes | <input type="checkbox"/> No |      |
| Date of cathodic test: _____                          |                                   |                              |                             |      |
| Last two tests available?                             |                                   | <input type="checkbox"/> Yes | <input type="checkbox"/> No |      |
| Did last test pass?                                   |                                   | <input type="checkbox"/> Yes | <input type="checkbox"/> No |      |
| If not:   |                                   |                              |                             |      |
| Was failed test reported to DEQ?                      |                                   | <input type="checkbox"/> Yes | <input type="checkbox"/> No |      |
| Was system repaired?                                  |                                   | <input type="checkbox"/> Yes | <input type="checkbox"/> No |      |
| Date of repair? _____                                 |                                   |                              |                             |      |
| Cathodic retested within 6 mos. of repair?            |                                   | <input type="checkbox"/> Yes | <input type="checkbox"/> No |      |
| Date of retesting? _____                              |                                   |                              |                             |      |
| If impressed current system:                          |                                   |                              |                             |      |
| Rectifier Operational?                                |                                   | Yes                          | <input type="checkbox"/> No |      |
| Rectifier log maintained?                             |                                   | Yes                          | No                          |      |
| Rectifier been operating continuously                 |                                   | Yes                          | <input type="checkbox"/> No |      |
| <input type="checkbox"/> Tank Lining                  |                                   |                              |                             |      |
| Date of lest test? _____                              |                                   |                              |                             |      |
| Pressure test conducted after tank lining inspection? |                                   | <input type="checkbox"/> Yes | <input type="checkbox"/> No |      |

**V. General notes from inspection**

Representative onsite: \_\_\_\_\_

email: \_\_\_\_\_

Compliance Determination:

No Violations Observed

X Observed violations resulting in enforcement

Inspector Signature: \_ Dave Pardue

Date: \_\_\_\_\_ 5/14/2024

Independence  
Facility I  
4705 Air  
Independence

SWI 3

SWI 4

SWI 2

SWI 1

PROP  
UST Decomm  
Sampl

Aviation, LLC  
D # 5064  
port Rd,  
e, OR 97351

CLOSED  
Mission In place  
e Map



Water & Soil SWI Sample Location



50 ft













Independence Aviation LLC

Welcome to  
INDEPENDENCE

IN CASE OF FIRE, SPILL OR RELEASE  
IMMEDIATELY REPORT TO THE  
FACILITY OPERATOR AND REPORT TO 911

NO SMOKING  
STOP FUELING





































## **PARDUE Dave \* DEQ**

---

**From:** Casey A Michaels <caseym@4-cse.com>  
**Sent:** Friday, July 19, 2024 3:16 PM  
**To:** PARDUE Dave \* DEQ  
**Cc:** UST Duty Officer \* DEQ  
**Subject:** #5064 - UST Decommission Checklist  
**Attachments:** 5064 - UST Decommission Checklist.pdf

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Dave,

Please see attached UST decommission checklist for site # 5064 – Independence Aviation.

Let me know if you have any questions, Thank you!

Casey Michaels  
4C's Environmental Inc.  
503.606.3020 P  
503.507.4317 C  
[Caseym@4-cse.com](mailto:Caseym@4-cse.com)

## PARDUE Dave \* DEQ

---

**From:** PARDUE Dave \* DEQ  
**Sent:** Monday, July 22, 2024 3:44 PM  
**To:** 'Casey A Michaels'  
**Cc:** PAIKO Steven J \* DEQ  
**Subject:** RE: #5064 - UST Decommission Checklist  
**Attachments:** Facil 5064 Decom Closure 7.22.2024.pdf

Hi Casey-

Please see attached closure letter.

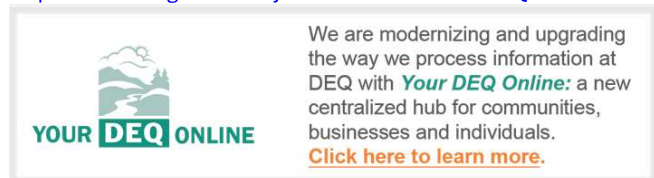
Steve- can you please mail out a hard copy? Thanks!

Cheers,  
Dave

Dave Pardue  
Underground Storage Tank Program Coordinator  
Oregon Department of Environmental Quality  
700 NE Multnomah Street, Suite 600  
Portland, OR 97232  
503-229-6085  
Pronouns: He/Him/His

Sign-up for UST Program Updates Here:

[https://service.govdelivery.com/accounts/ORDEQ/subscriber/new?topic\\_id=ORDEQ\\_546](https://service.govdelivery.com/accounts/ORDEQ/subscriber/new?topic_id=ORDEQ_546)



---

**From:** Casey A Michaels <caseym@4-cse.com>  
**Sent:** Friday, July 19, 2024 3:16 PM  
**To:** PARDUE Dave \* DEQ <Dave.PARDUE@deq.oregon.gov>  
**Cc:** UST Duty Officer \* DEQ <UST.DutyOfficer@DEQ.oregon.gov>  
**Subject:** #5064 - UST Decommission Checklist

Dave,

Please see attached UST decommission checklist for site # 5064 – Independence Aviation.

Let me know if you have any questions, Thank you!

Casey Michaels  
4C's Environmental Inc.  
503.606.3020 P  
503.507.4317 C





## PARDUE Dave \* DEQ

---

**From:** Casey A Michaels <caseym@4-cse.com>  
**Sent:** Monday, July 22, 2024 2:27 PM  
**To:** PARDUE Dave \* DEQ  
**Subject:** RE: #5064 - UST Decommission Checklist  
**Attachments:** Tank Cleaning Reciept.pdf

Hi Dave,  
See attached receipt.

Thanks,

Casey Michaels  
4C's Environmental Inc.  
503.606.3020 P  
503.507.4317 C  
[Caseym@4-cse.com](mailto:Caseym@4-cse.com)

---

**From:** PARDUE Dave \* DEQ <Dave.PARDUE@deq.oregon.gov>  
**Sent:** Monday, July 22, 2024 9:24 AM  
**To:** Casey A Michaels <caseym@4-cse.com>  
**Subject:** RE: #5064 - UST Decommission Checklist

Hi Casey-

Looks real good, except there are no disposal receipts for cleaning.  
Can you send

Thanks,

Dave

Dave Pardue  
Underground Storage Tank Program Coordinator  
Oregon Department of Environmental Quality  
700 NE Multnomah Street, Suite 600  
Portland, OR 97232  
503-229-6085  
Pronouns: He/Him/His

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Please see attached UST decommission checklist for site # 5064 – Independence Aviation.

Let me know if you have any questions, Thank you!

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## **PARDUE Dave \* DEQ**

---

**From:** Casey A Michaels <caseym@4-cse.com>  
**Sent:** Monday, June 17, 2024 7:18 PM  
**To:** PARDUE Dave \* DEQ  
**Subject:** Water sample results - UST #5064 - 3 day UST Decommission  
**Attachments:** A4E1686 FINAL 06 17 24 1556---4Cs---Marici 2281.pdf; Water Samples - UST ID 5064 - Independence Aviation.pdf

Hi Dave,

The 4 water and 4 SWI samples were collected; see attached map.

All locations for water and soil were ND for HCID except SWI 3 locations.

SWI 3 location which is north of the tank pit was the only water/soil sample that had any detection. The water at sample location 3 was detected for Oil at 1270 ug/L. It was Non detect for Dx, Gx, All PAHs, and only additional detection was Xylene at 1.78 ug/L.

I don't think this is a new release associated with the UST system. However, do you think a new LUST would be needed?

Thank you!

Casey Michaels  
4C's Environmental Inc.  
503.606.3020 P  
503.507.4317 C  
[Caseym@4-cse.com](mailto:Caseym@4-cse.com)

---

**From:** PARDUE Dave \* DEQ <Dave.PARDUE@deq.oregon.gov>  
**Sent:** Wednesday, May 29, 2024 4:34 PM  
**To:** Casey A Michaels <caseym@4-cse.com>  
**Subject:** RE: UST #5064 - 3 day UST Decommission

Hi Casey-

The 4 water samples and 4 SWI soil samples, screened by HCID with appropriate follow-ups are approved as alternative site assessment samples.

Thanks,

Dave

Dave Pardue  
Underground Storage Tank Program Coordinator  
Oregon Department of Environmental Quality  
700 NE Multnomah Street, Suite 600  
Portland, OR 97232  
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## **PARDUE Dave \* DEQ**

---

**From:** Casey A Michaels <caseym@4-cse.com>  
**Sent:** Wednesday, May 29, 2024 4:17 PM  
**To:** PARDUE Dave \* DEQ  
**Subject:** FW: UST #5064 - 3 day UST Decommission  
**Attachments:** Proposed Sampling Plan - UST ID 5064 - Independence Aviation.pdf

Hi Dave,  
Ground water was encountered on the site.  
After further investigation, water was encountered approx. 8' below ground surface.

We collected 4 water samples and 4 soil water interface samples from around the tanks. The attached map are approximate locations of where the water was taken. We were closer to 5' away from the edge of tank to get out of the backfill material.

The water and SWI are being screened with HCID.

For the decommissioning, are these samples acceptable?

Thanks,

Casey Michaels  
4C's Environmental Inc.  
503.606.3020 P  
503.507.4317 C  
[Caseym@4-cse.com](mailto:Caseym@4-cse.com)

---

**From:** Casey A Michaels  
**Sent:** Thursday, May 16, 2024 11:23 AM  
**To:** PARDUE Dave \* DEQ <Dave.PARDUE@deq.oregon.gov>  
**Subject:** UST #5064 - 3 day UST Decommission

Hi Dave,

Would like to see if we can start this decommission on this coming Monday May 20<sup>th</sup>? If so, would like to request 3-day.

Initially owner had talked to Diana about the 30<sup>th</sup>, but that is a Thursday and the 20<sup>th</sup> works better for our schedule.

Owner requested an in place decommission based on the location of tanks to buildings and cost.

Attached is the proposed sampling plan for the decommission. If water is detected, I'm hopeful that we may reduce the number of soil samples as indicated on the map.

Thank you,

Casey Michaels  
4C's Environmental Inc.  
503.606.3020 P

503.507.4317 C

[Caseym@4-cse.com](mailto:Caseym@4-cse.com)

---

**From:** PARDUE Dave \* DEQ <[Dave.PARDUE@deq.oregon.gov](mailto:Dave.PARDUE@deq.oregon.gov)>  
**Sent:** Wednesday, May 8, 2024 1:44 PM  
**To:** Casey A Michaels <[caseym@4-cse.com](mailto:caseym@4-cse.com)>  
**Cc:** ECKERT Dylan \* DEQ <[Dylan.ECKERT@deq.oregon.gov](mailto:Dylan.ECKERT@deq.oregon.gov)>  
**Subject:** Sampling plan Fac # 5064

Hi Casey-

I am the Decommissioning Inspector, so for this project and for all future decommissioning projects please send all 30-Day and 3-Day Notifications, and all sampling plans and scheduling info to me.

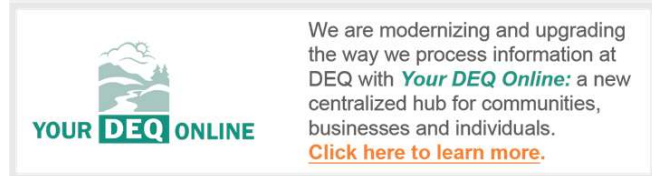
Feel free to copy Dylan if you like, but he is backing out of the decom arena to focus on compliance inspections.

I have reviewed the LUST file and NFA for this site, and it looked like a small release that was fully cleaned up, so any contamination detected would represent a new release.

Also-Is there a reason other than cost for the tanks being filled in place?

Dave Pardue  
Underground Storage Tank Program Coordinator  
Oregon Department of Environmental Quality  
700 NE Multnomah Street, Suite 600  
Portland, OR 97232  
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