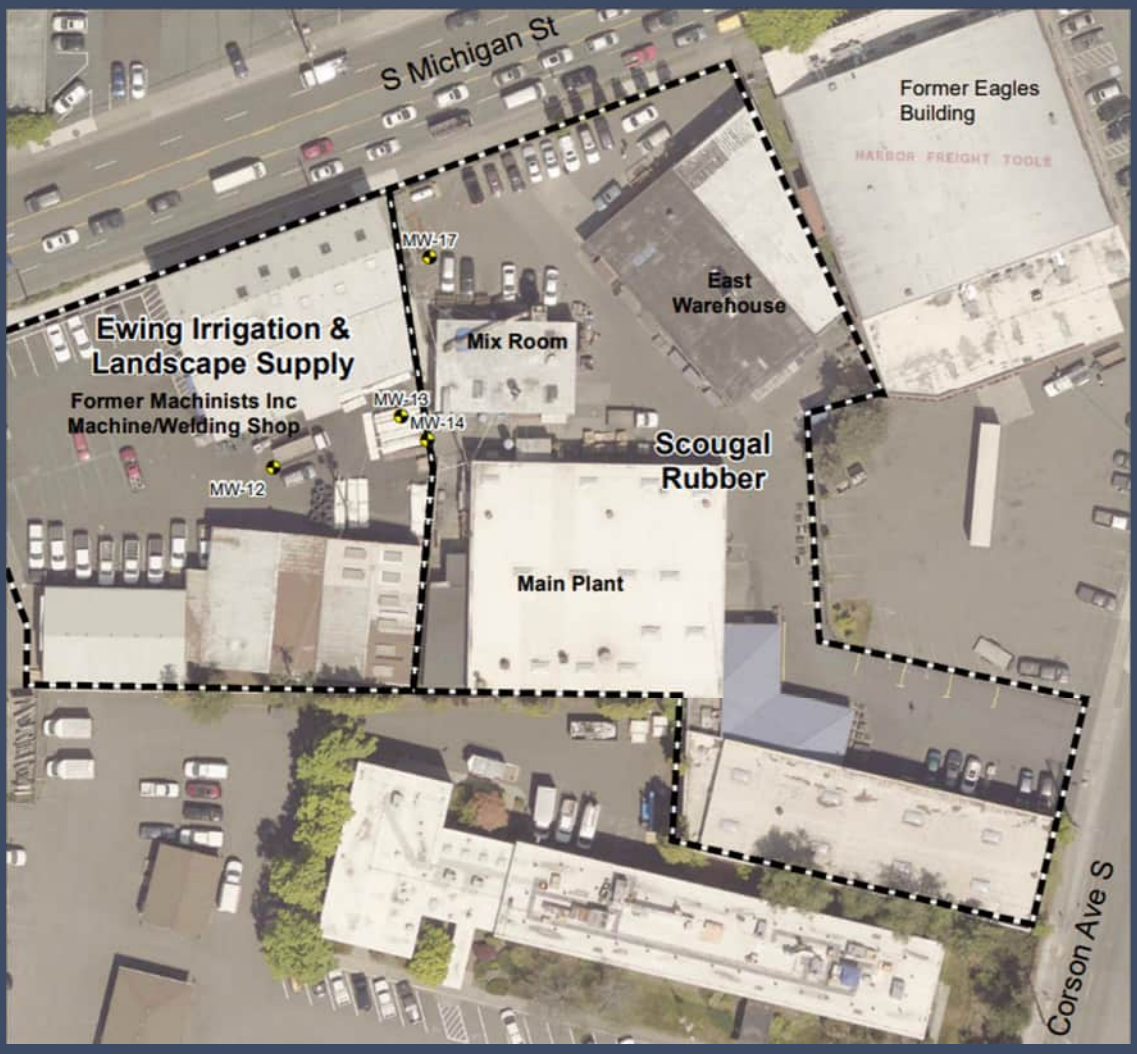
Strata
Geosciences

# 2025 Post-Closure Groundwater Monitoring Report Scougal Rubber




November 12, 2025

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# 2025 POST-CLOSURE GROUNDWATER MONITORING REPORT SCOUGAL RUBBER

*Prepared for:*

**Scougal Rubber Corporation**
**Facility/Site No. 93637295**
**VCP No. NW1707**
**6239 Corson Avenue South**
**Seattle, WA**

*Prepared by:*

**Strata Geosciences, LLC**
**851 Poplar Place S**
**Seattle, Washington 98144**
**206.329.0138**
***www.stratageosciences.com***

*November 12, 2025*

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# 1.0 INTRODUCTION

This report is the fourth annual groundwater monitoring report for the Site known as Scougal Rubber Corp (Scougal). Scougal is former Voluntary Cleanup Site NW1707 and Washington State Department of Ecology (Ecology) Facility Site #93637295. Scougal's address is 6239 Corson Ave S, Seattle, WA 98108.

As of 2020, Scougal completed soil and groundwater investigation and remediation to Model Toxics Control Act (MTCA) standards, except localized areas of residual groundwater contamination. This is the fourth annual post-closure groundwater monitoring report that began after receipt of Ecology's No Further Action with Environmental Covenant.

Starting in 2022, groundwater monitoring occurred every six months for two years (2022 and 2023). Concentrations from this monitoring did not increase by more than 100 percent when compared to groundwater data from before the No Further Action (Table 1). Therefore, the frequency of groundwater monitoring has decreased to once per year to be continued until five years after receipt of the No Further Action with Environmental Covenant from Ecology (2026). At that time, if there are no further increases by more than 100 percent, a reduced monitoring frequency may be recommended. The monitoring occurs in accordance with the No Further Action Letter and its attachment, Scougal Rubber Corp, Post-Closure Groundwater Monitoring Plan (Pacific Groundwater Group [PGG] February 2021).

# 2.0 2025 GROUNDWATER MONITORING

## 2.1 WORK PERFORMED

The locations of post-closure groundwater monitoring wells are shown on Figure 1, as well as the areas where groundwater concentrations exceed MTCA Method A cleanup levels. As shown on Figure 1, the following wells are sampled: MW-12, MW-13, MW-14, and MW-17.

On October 29, 2025, groundwater monitoring was performed at the Scougal Site. The sampling followed procedures set forth in the Post-Closure Groundwater Monitoring Plan (PGG 2021).

Samples were collected according to standard low flow methods described in the Monitoring Plan using care to collect volatile organic compound analyses and maintain sample quality. Samples were stored on ice and chain of custody was maintained until receipt by Analytical Resources, Inc., a Washington-certified laboratory.

## 2.2 ANALYTICAL RESULTS

Samples were analyzed by the laboratory using U.S. Environmental Protection Agency Method 8260 to report concentrations of the following analytes for comparison to MTCA Method A (or Method B for 1,2-Dichloroethylene (DCE)) cleanup levels (micrograms per liter of ug/L) listed:

- Trichloroethylene (TCE) 5 ug/L
- 1,2-Dichloroethylene 72 ug/L
- Vinyl Chloride 0.2 ug/L

Table 1 provides the analytical results from the 2025 sampling event. As shown and as found in previous sampling, the most downgradient well, MW-12, does not exceed the TCE Method A cleanup level. Also as expected, DCE does not exceed the Method B cleanup level in any wells.

TCE exceeds the Method A cleanup level for the October 2025 sampling event in wells MW-14 and MW-17. TCE concentrations have decreased since 2023. Vinyl Chloride exceeds the Method A cleanup level for the 2025 sampling event in wells MW-12, MW-13, and MW-14.

# 3.0 2026 MONITORING AND REPORTING PLAN

Groundwater monitoring will proceed in 2026 per the Post-Closure Groundwater Monitoring Plan (PGG 2021) with one round of sampling to occur in November, reporting in early 2027.

In the 2026 groundwater monitoring annual report, we will assess trends in groundwater monitoring using data after receipt of the No Further Action and recommend the sampling frequency for future monitoring beginning in 2027. Groundwater monitoring will continue at Scougal Rubber until cleanup levels are achieved.

**Table 1. Groundwater Analytical Results 2019-2025**
**Scougal Rubber Corporation, Seattle, WA**

| | Well ID | Trichloroethene (TCE) | Vinyl Chloride | cis-1,2-Dichloroethene (1,2-DCE) |
|---|---|---|---|---|
| Cleanup Levels | | 5[a] ug/L | 0.2[a] ug/L | 72[b] ug/L |
| December 2019 | MW-12 | 1.0U | **0.82** | 1.1 |
| December 2019 | MW-13 | **5.3** | **4.1** | 13 |
| December 2019 | MW-14 | **9.5** | **5.8** | 2 |
| December 2019 | MW-17 | **14** | **0.89** | 5.2 |
| February 2020 | MW-12 | 1.0U | **0.95** | 1.3 |
| February 2020 | MW-13 | **28** | 0.2U | 1.0U |
| February 2020 | MW-14 | **16** | **2.6** | 1.5 |
| February 2020 | MW-17 | **21** | 0.2U | 1.2 |
| March 2022 | MW-12 | 0.11J | **0.79** | 1.15 |
| March 2022 | MW-13 | **30.7** | **0.87** | 2.78 |
| March 2022 | MW-14 | **24.8** | **0.76** | 1.02 |
| March 2022 | MW-17* | NS | NS | NS |
| November 2022 | MW-12 | 0.20U | **0.79** | 0.89 |
| November 2022 | MW-13 | 4.76 | **6.84** | 10.9 |
| November 2022 | MW-14 | **24.1** | **1.95** | 1.5 |
| November 2022 | MW-17 | **16.4** | 0.20U | 0.34 |
| May 2023 | MW-12 | 0.09J | **0.89** | 1.00 |
| May 2023 | MW-13 | 1.34 | **4.44** | 7.16 |
| May 2023 | MW-14 | **17** | **1.32** | 2.09 |
| May 2023 | MW-17 | **10.2** | 0.20U | 0.31 |
| November 2023 | MW-12 | 0.20U | **0.64** | 0.79 |
| November 2023 | MW-13 | 1.48 | **5.16** | 8.44 |
| November 2023 | MW-14 | **17.13** | **1.97** | 2.13 |
| November 2023 | MW-17 | **15.2** | 0.20U | 0.27 |
| November 2024 | MW-12 | 0.20U | **0.37** | 0.49 |
| November 2024 | MW-13 | 1.21 | **4.89** | 5.44 |
| November 2024 | MW-14 | **10.3** | **1.72** | 1.29 |
| November 2024 | MW-17 | **13.2** | 0.20U | 0.37 |
| October 2025 | MW-12 | 0.20U | **0.38** | 0.41 |
| October 2025 | MW-13 | 1.53 | **5.56** | 6.31 |
| October 2025 | MW-14 | **8.92** | **2.17** | 1.44 |
| October 2025 | MW-17 | **12.6** | 0.20U | 0.75 |

[a] MTCA Method A cleanup levels are provided for comparison purposes only.
[b] MTCA Method B cleanup levels are provided for comparison purposes only.
U indicates non-detect.
J qualifier signifies the estimated concentration value was detection below the reporting limit.
NS means that the well was not sampled.
*No access to MW-17 as Ecology blocks and other equipment were stored in the area.


K:\JANET\JK0605-ScougalRubber\GIS\Scougal_letter_MonitoringWells.mxd 2/10/2021

Monitoring Wells

N

0 Feet 50

2019 Aerial from King County

# Figure 1
# Groundwater Monitoring Well Locations
# Scougal Rubber Site

MOTT MACDONALD

# APPENDIX A
# ANALYTICAL LABORATORY REPORTS FROM GROUNDWATER SAMPLES

**Analytical Resources, LLC**
**Analytical Chemists and Consultants**
**Tukwila, WA**

30 October 2025

Travis Klaas
Strata Geosciences
-
-, WA -

RE: Scougal Rubber (Scougal Rubber)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

| Associated Work Order(s) | Associated SDG ID(s) |
|---|---|
| 25J0604 | N/A |

---

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Kelly Bottem, Client Services Manager

ACCREDITED IN ACCORDANCE WITH nelac
Cert# 100006-018

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

# Chain of Custody Record & Laboratory Analysis Request

| | | | |
|---|---|---|---|
| ARI Assigned Number: 25J0604 | Turn-around Requested: Std | Page: 1 of 1 | |
| ARI Client Company: Strata Geosciences | Phone: 206 293-7896 | Date: | Ice Present? |
| Client Contact: Travis Klaus | | No. of Coolers: | Cooler Temps: 4.8 |
| Client Project Name: Seagal Rubber | | | |
| Client Project #: | Samplers: LT & TK | | |

**Analytical Resources, LLC**
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

| Sample ID | Date | Time | Matrix | No. Containers | Analysis Requested: cVOCs * 8260D | | | | | | | | Notes/Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-12 | 10/29/25 | 12:45 | GW | 3 | X | | | | | | | | |
| MW-13 (*) | | 12:35 | | 6 | X | | | | | | | | |
| MW-14 | | 14:40 | | 3 | X | | | | | | | | |
| MW-17 | | 14:30 | | 3 | X | | | | | | | | |
| Trip blanks | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

Comments/Special Instructions
* collected duplicate set of bottles for MS/MSD.
*only test for: Trichloroethylene, 1,2-Dichloroethylene, Vinyl chloride

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | | Received by: (Signature) | Relinquished by: (Signature) | Received by: (Signature) |
| Printed Name: | Travis K. | ALEXIS THOMAS | Nola Thepboun | Printed Name: |
| Company: | Strata | Strata | ARLLC | Company: |
| Date & Time: | 10/29/2025 14:50 | 10/29/25 15:06 | 10/29/25 1506 | Date & Time: |



**Sample Retention Policy:** All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.

| | | |
|---|---|---|
| Strata Geosciences | Project: Scougal Rubber | |
| - | Project Number: Scougal Rubber | **Reported:** |
| - WA, - | Project Manager: Travis Klaas | 30-Oct-2025 10:27 |

## ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|---|---|---|---|---|
| MW-12 | 25J0604-01 | Water | 29-Oct-2025 12:45 | 29-Oct-2025 15:06 |
| MW-13 | 25J0604-02 | Water | 29-Oct-2025 12:35 | 29-Oct-2025 15:06 |
| MW-14 | 25J0604-03 | Water | 29-Oct-2025 14:40 | 29-Oct-2025 15:06 |
| MW-17 | 25J0604-04 | Water | 29-Oct-2025 14:30 | 29-Oct-2025 15:06 |
| Trip Blanks | 25J0604-05 | Water | 29-Oct-2025 12:45 | 29-Oct-2025 15:06 |

| | | |
|---|---|---|
| Strata Geosciences | Project: Scougal Rubber | |
| - | Project Number: Scougal Rubber | **Reported:** |
| - WA, - | Project Manager: Travis Klaas | 30-Oct-2025 10:27 |

# Work Order Case Narrative

**Client:** Mott MacDonald
**Project:** Scougal Rubber
**Work Order:** 25J0604

**Sample receipt**

Samples as listed on the preceding page were received 29-Oct-2025 15:06 under ARI work order 25J0604. For details regarding sample receipt, please refer to the Cooler Receipt Form.

**Volatiles - EPA Method SW8260D**

The sample(s) were analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

Internal standard areas were within limits.

The surrogate percent recoveries were within control limits.

The method blank(s) were clean at the reporting limits.

The blank spike and blank spike duplicate (BS/LCS and BSD/LCSD) spike recoveries and relative percent difference (RPD) were within control limits.

The matrix spike/matrix spike duplicate (MS/MSD) spike recoveries and relative percent difference (RPD) were within advisory control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

# Cooler Receipt Form

ARI Client: Strata / MottMac  Project Name: Scougal Rubber

COC No(s): NA  Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 25J0604  Tracking No: NA

**Preliminary Examination Phase:**

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES (NO)

Were custody papers included with the cooler? (YES) NO

Were custody papers properly filled out (ink, signed, etc.) (YES) NO

Temperature of Cooler(s) (°C) Time 1506 ____ ____ 4.8 ____ ____ ____  Temp Gun ID#: 8117

Was a temperature blank included in the cooler? YES (NO)

Were coolers received between 0°- 6° (°C) (YES) NO

Was sufficient ice used (if appropriate)? NA (YES) NO

Cooler Accepted by: NDT  Date: 10/29/25  Time: 1506

***Complete custody forms and attach all shipping documents***

## Log-In Phase:

What kind of packing material was used? (Bubble Wrap) (Wet Ice) Gel Packs Baggies Foam Block N/A Other: ____

Are any samples that were out of temperature compliance documented in LIMS? (YES) NO

How were bottles sealed in plastic bags? Individually Grouped (Not)

Did all bottles arrive in good condition (unbroken)? (YES) NO

Were all bottle labels complete and legible? (YES) NO

Did the number of containers listed on COC match with the number of containers received? (YES) NO

Did all bottle labels and tags agree with custody papers? (YES) NO

Were all bottles used correct for the requested analyses? (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) (NA) YES NO

Were all VOC vials free of air bubbles? NA (YES) NO

Was sufficient amount of sample sent in each bottle? (YES) NO

Date VOC Trip Blank was made at ARI: 10/14/25 NDT (NA) 10/21/25

Were the sample(s) split by ARI? (NA) YES  Date/Time: ____  Equipment: ____  Split by: ____

Samples Logged by: NDT  Date: 10/29/25  Time: 1537  Labels checked by: NDT

***** Notify Project Manager of discrepancies or concerns *****

***Additional Notes, Discrepancies, & Resolutions:***

By:  Date:

| | | |
|---|---|---|
| Strata Geosciences | Project: Scougal Rubber | |
| - | Project Number: Scougal Rubber | **Reported:** |
| - WA, - | Project Manager: Travis Klaas | 30-Oct-2025 10:27 |

## MW-12

**25J0604-01 (Water)**

### Volatile Organic Compounds

Method: EPA 8260D — Sampled: 10/29/2025 12:45

Instrument: NT20 Analyst: LNH — Analyzed: 10/29/2025 17:58

Sample Preparation: Preparation Method: EPA 5030C (Purge and Trap) — Extract ID: 25J0604-01 B

Preparation Batch: BNJ0534 — Sample Size: 10 mL

Prepared: 10/29/2025 — Final Volume: 10 mL

| Analyte | CAS Number | Dilution | Detection Limit | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|---|
| Vinyl Chloride | 75-01-4 | 1 | 0.10 | 0.20 | 0.38 | ug/L | |
| cis-1,2-Dichloroethene | 156-59-2 | 1 | 0.10 | 0.20 | 0.41 | ug/L | |
| Trichloroethene | 79-01-6 | 1 | 0.10 | 0.20 | ND | ug/L | U |
| *Surrogate: 1,2-Dichloroethane-d4* | | | | *80-129 %* | *108* | *%* | |
| *Surrogate: Toluene-d8* | | | | *80-120 %* | *98.1* | *%* | |
| *Surrogate: 4-Bromofluorobenzene* | | | | *80-120 %* | *87.1* | *%* | |
| *Surrogate: 1,2-Dichlorobenzene-d4* | | | | *80-120 %* | *104* | *%* | |

| | | |
|---|---|---|
| Strata Geosciences | Project: Scougal Rubber | |
| - | Project Number: Scougal Rubber | **Reported:** |
| - WA, - | Project Manager: Travis Klaas | 30-Oct-2025 10:27 |

## MW-13

**25J0604-02 (Water)**

### Volatile Organic Compounds

Method: EPA 8260D — Sampled: 10/29/2025 12:35

Instrument: NT20 Analyst: LNH — Analyzed: 10/29/2025 18:21

Sample Preparation: Preparation Method: EPA 5030C (Purge and Trap) — Extract ID: 25J0604-02 C

Preparation Batch: BNJ0534 — Sample Size: 10 mL

Prepared: 10/29/2025 — Final Volume: 10 mL

| Analyte | CAS Number | Dilution | Detection Limit | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|---|
| Vinyl Chloride | 75-01-4 | 1 | 0.10 | 0.20 | 5.56 | ug/L | |
| cis-1,2-Dichloroethene | 156-59-2 | 1 | 0.10 | 0.20 | 6.31 | ug/L | |
| Trichloroethene | 79-01-6 | 1 | 0.10 | 0.20 | 1.53 | ug/L | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | | *80-129 %* | *112* | *%* | |
| *Surrogate: Toluene-d8* | | | | *80-120 %* | *97.8* | *%* | |
| *Surrogate: 4-Bromofluorobenzene* | | | | *80-120 %* | *89.5* | *%* | |
| *Surrogate: 1,2-Dichlorobenzene-d4* | | | | *80-120 %* | *103* | *%* | |

| | | |
|---|---|---|
| Strata Geosciences | Project: Scougal Rubber | |
| - | Project Number: Scougal Rubber | **Reported:** |
| - WA, - | Project Manager: Travis Klaas | 30-Oct-2025 10:27 |

## MW-14

**25J0604-03 (Water)**

### Volatile Organic Compounds

Method: EPA 8260D — Sampled: 10/29/2025 14:40

Instrument: NT20 Analyst: LNH — Analyzed: 10/29/2025 18:45

Sample Preparation: Preparation Method: EPA 5030C (Purge and Trap) — Extract ID: 25J0604-03 B

Preparation Batch: BNJ0534 — Sample Size: 10 mL

Prepared: 10/29/2025 — Final Volume: 10 mL

| Analyte | CAS Number | Dilution | Detection Limit | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|---|
| Vinyl Chloride | 75-01-4 | 1 | 0.10 | 0.20 | 2.17 | ug/L | |
| cis-1,2-Dichloroethene | 156-59-2 | 1 | 0.10 | 0.20 | 1.44 | ug/L | |
| Trichloroethene | 79-01-6 | 1 | 0.10 | 0.20 | 8.92 | ug/L | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | | *80-129 %* | *113* | *%* | |
| *Surrogate: Toluene-d8* | | | | *80-120 %* | *96.3* | *%* | |
| *Surrogate: 4-Bromofluorobenzene* | | | | *80-120 %* | *86.7* | *%* | |
| *Surrogate: 1,2-Dichlorobenzene-d4* | | | | *80-120 %* | *106* | *%* | |

| | | |
|---|---|---|
| Strata Geosciences | Project: Scougal Rubber | |
| - | Project Number: Scougal Rubber | **Reported:** |
| - WA, - | Project Manager: Travis Klaas | 30-Oct-2025 10:27 |

## MW-17

**25J0604-04 (Water)**

### Volatile Organic Compounds

Method: EPA 8260D — Sampled: 10/29/2025 14:30

Instrument: NT20 Analyst: LNH — Analyzed: 10/29/2025 19:08

Sample Preparation: Preparation Method: EPA 5030C (Purge and Trap) — Extract ID: 25J0604-04 B

Preparation Batch: BNJ0534 — Sample Size: 10 mL

Prepared: 10/29/2025 — Final Volume: 10 mL

| Analyte | CAS Number | Dilution | Detection Limit | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|---|
| Vinyl Chloride | 75-01-4 | 1 | 0.10 | 0.20 | ND | ug/L | U |
| cis-1,2-Dichloroethene | 156-59-2 | 1 | 0.10 | 0.20 | 0.75 | ug/L | |
| Trichloroethene | 79-01-6 | 1 | 0.10 | 0.20 | 12.6 | ug/L | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | | *80-129 %* | *112* | *%* | |
| *Surrogate: Toluene-d8* | | | | *80-120 %* | *97.4* | *%* | |
| *Surrogate: 4-Bromofluorobenzene* | | | | *80-120 %* | *88.7* | *%* | |
| *Surrogate: 1,2-Dichlorobenzene-d4* | | | | *80-120 %* | *104* | *%* | |

| | | |
|---|---|---|
| Strata Geosciences | Project: Scougal Rubber | |
| - | Project Number: Scougal Rubber | **Reported:** |
| - WA, - | Project Manager: Travis Klaas | 30-Oct-2025 10:27 |

## Trip Blanks

**25J0604-05 (Water)**

### Volatile Organic Compounds

Method: EPA 8260D — Sampled: 10/29/2025 12:45

Instrument: NT20 Analyst: LNH — Analyzed: 10/29/2025 17:35

Sample Preparation: Preparation Method: EPA 5030C (Purge and Trap) — Extract ID: 25J0604-05 B

Preparation Batch: BNJ0534 — Sample Size: 10 mL

Prepared: 10/29/2025 — Final Volume: 10 mL

| Analyte | CAS Number | Dilution | Detection Limit | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|---|
| Vinyl Chloride | 75-01-4 | 1 | 0.10 | 0.20 | ND | ug/L | U |
| cis-1,2-Dichloroethene | 156-59-2 | 1 | 0.10 | 0.20 | ND | ug/L | U |
| Trichloroethene | 79-01-6 | 1 | 0.10 | 0.20 | ND | ug/L | U |
| *Surrogate: 1,2-Dichloroethane-d4* | | | | *80-129 %* | *110* | *%* | |
| *Surrogate: Toluene-d8* | | | | *80-120 %* | *97.5* | *%* | |
| *Surrogate: 4-Bromofluorobenzene* | | | | *80-120 %* | *90.6* | *%* | |
| *Surrogate: 1,2-Dichlorobenzene-d4* | | | | *80-120 %* | *102* | *%* | |

| | | |
|---|---|---|
| Strata Geosciences | Project: Scougal Rubber | |
| - | Project Number: Scougal Rubber | **Reported:** |
| - WA, - | Project Manager: Travis Klaas | 30-Oct-2025 10:27 |

**Analysis by: Analytical Resources, LLC**

## Volatile Organic Compounds - Quality Control

### Batch BNJ0534 - EPA 8260D in Water

Instrument: NT20 Analyst: LNH

| QC Sample/Analyte | Result | Detection Limit | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Blank (BNJ0534-BLK2)** | | | | Prepared: 29-Oct-2025 Analyzed: 29-Oct-2025 09:53 | | | | | | | |
| Vinyl Chloride | ND | 0.10 | 0.20 | ug/L | | | | | | | U |
| cis-1,2-Dichloroethene | ND | 0.10 | 0.20 | ug/L | | | | | | | U |
| Trichloroethene | ND | 0.10 | 0.20 | ug/L | | | | | | | U |
| *Surrogate: 1,2-Dichloroethane-d4* | 6.98 | | | ug/L | *6.25* | | *112* | *80-129* | | | |
| *Surrogate: Toluene-d8* | 6.02 | | | ug/L | *6.25* | | *96.3* | *80-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | 5.75 | | | ug/L | *6.25* | | *92.0* | *80-120* | | | |
| *Surrogate: 1,2-Dichlorobenzene-d4* | 5.15 | | | ug/L | *5.00* | | *103* | *80-120* | | | |
| **LCS (BNJ0534-BS2)** | | | | Prepared: 29-Oct-2025 Analyzed: 29-Oct-2025 08:43 | | | | | | | |
| Vinyl Chloride | 10.8 | 0.10 | 0.20 | ug/L | 10.0 | | 108 | 66-133 | | | |
| cis-1,2-Dichloroethene | 11.6 | 0.10 | 0.20 | ug/L | 10.0 | | 116 | 80-121 | | | |
| Trichloroethene | 10.3 | 0.10 | 0.20 | ug/L | 10.0 | | 103 | 80-120 | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | 6.51 | | | ug/L | *6.25* | | *104* | *80-129* | | | |
| *Surrogate: Toluene-d8* | 6.16 | | | ug/L | *6.25* | | *98.6* | *80-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | 5.99 | | | ug/L | *6.25* | | *95.9* | *80-120* | | | |
| *Surrogate: 1,2-Dichlorobenzene-d4* | 5.18 | | | ug/L | *5.00* | | *104* | *80-120* | | | |
| **LCS Dup (BNJ0534-BSD2)** | | | | Prepared: 29-Oct-2025 Analyzed: 29-Oct-2025 10:42 | | | | | | | |
| Vinyl Chloride | 10.7 | 0.10 | 0.20 | ug/L | 10.0 | | 107 | 66-133 | 1.45 | 30 | |
| cis-1,2-Dichloroethene | 11.0 | 0.10 | 0.20 | ug/L | 10.0 | | 110 | 80-121 | 5.40 | 30 | |
| Trichloroethene | 10.1 | 0.10 | 0.20 | ug/L | 10.0 | | 101 | 80-120 | 1.77 | 30 | |
| *Surrogate: 1,2-Dichloroethane-d4* | 6.49 | | | ug/L | *6.25* | | *104* | *80-129* | | | |
| *Surrogate: Toluene-d8* | 6.13 | | | ug/L | *6.25* | | *98.0* | *80-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | 5.97 | | | ug/L | *6.25* | | *95.5* | *80-120* | | | |
| *Surrogate: 1,2-Dichlorobenzene-d4* | 5.16 | | | ug/L | *5.00* | | *103* | *80-120* | | | |
| **Matrix Spike (BNJ0534-MS1)** | | **Source: 25J0604-02** | | Prepared: 29-Oct-2025 Analyzed: 29-Oct-2025 19:55 | | | | | | | |
| Vinyl Chloride | 13.5 | 0.10 | 0.20 | ug/L | 10.0 | 5.56 | 79.6 | 66-133 | | | |
| cis-1,2-Dichloroethene | 16.9 | 0.10 | 0.20 | ug/L | 10.0 | 6.31 | 106 | 80-121 | | | |
| Trichloroethene | 11.6 | 0.10 | 0.20 | ug/L | 10.0 | 1.53 | 101 | 80-120 | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | 6.41 | | | ug/L | *6.25* | *7.01* | *103* | *80-129* | | | |
| *Surrogate: Toluene-d8* | 5.90 | | | ug/L | *6.25* | *6.11* | *94.5* | *80-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | 5.66 | | | ug/L | *6.25* | *5.59* | *90.6* | *80-120* | | | |
| *Surrogate: 1,2-Dichlorobenzene-d4* | 5.06 | | | ug/L | *5.00* | *5.17* | *101* | *80-120* | | | |

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

| **Matrix Spike Dup (BNJ0534-MSD1)** | | **Source: 25J0604-02** | | Prepared: 29-Oct-2025 Analyzed: 29-Oct-2025 20:19 | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Chloride | 13.8 | 0.10 | 0.20 | ug/L | 10.0 | 5.56 | 82.5 | 66-133 | 2.13 | 30 | |
| cis-1,2-Dichloroethene | 16.2 | 0.10 | 0.20 | ug/L | 10.0 | 6.31 | 99.1 | 80-121 | 3.91 | 30 | |
| Trichloroethene | 10.8 | 0.10 | 0.20 | ug/L | 10.0 | 1.53 | 93.1 | 80-120 | 6.81 | 30 | |
| *Surrogate: 1,2-Dichloroethane-d4* | 6.36 | | | ug/L | *6.25* | *7.01* | *102* | *80-129* | | | |
| *Surrogate: Toluene-d8* | 6.09 | | | ug/L | *6.25* | *6.11* | *97.4* | *80-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | 5.67 | | | ug/L | *6.25* | *5.59* | *90.7* | *80-120* | | | |

| | | |
|---|---|---|
| Strata Geosciences | Project: Scougal Rubber | |
| - | Project Number: Scougal Rubber | **Reported:** |
| - WA, - | Project Manager: Travis Klaas | 30-Oct-2025 10:27 |

## Volatile Organic Compounds - Quality Control

### Batch BNJ0534 - EPA 8260D in Water

Instrument: NT20 Analyst: LNH

| QC Sample/Analyte | Result | Detection Limit | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Matrix Spike Dup (BNJ0534-MSD1)** | **Source: 25J0604-02** | | | Prepared: 29-Oct-2025 Analyzed: 29-Oct-2025 20:19 | | | | | | | |
| *Surrogate: 1,2-Dichlorobenzene-d4* | 5.00 | | | ug/L | *5.00* | *5.17* | *100* | *80-120* | | | |

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

| | | |
|---|---|---|
| Strata Geosciences | Project: Scougal Rubber | |
| - | Project Number: Scougal Rubber | **Reported:** |
| - WA, - | Project Manager: Travis Klaas | 30-Oct-2025 10:27 |

## Uncertified Analytes included in this Report

| Analysis Matrix & Analyte |
|---|
| None |

## Certified Analyses included in this Report

| Analysis Matrix & Analyte | Certification Codes |
|---|---|
| ***EPA 8260D in Water*** | |
| Vinyl Chloride | ADEC,NELAP,WADOE,DoD-ELAP |
| cis-1,2-Dichloroethene | ADEC,NELAP,WADOE,DoD-ELAP |
| Trichloroethene | ADEC,NELAP,WADOE,DoD-ELAP |

## Certifications

| Code | Description | Number | Expires |
|---|---|---|---|
| ADEC | Alaska Dept of Environmental Conservation | 17-015 | 02/28/2026 |
| DoD-ELAP | DoD-Environmental Laboratory Accreditation Program, PJLA Testing | 66169 | 01/31/2026 |
| NELAP | ORELAP - Oregon Laboratory Accreditation Program | WA100006-018 | 05/12/2026 |
| WADOE | WA Dept of Ecology | C558 | 06/30/2026 |

| | | |
|---|---|---|
| Strata Geosciences | Project: Scougal Rubber | |
| - | Project Number: Scougal Rubber | **Reported:** |
| - WA, - | Project Manager: Travis Klaas | 30-Oct-2025 10:27 |

## Notes and Definitions

| | |
|---|---|
| U | This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD). |
| DET | Analyte DETECTED |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| NR | Not Reported |
| dry | Sample results reported on a dry weight basis |
| RPD | Relative Percent Difference |
| [2C] | Indicates this result was quantified on the second column on a dual column analysis. |
| ! | Indicates that ARL is NOT ACCREDITED for this parameter in samples logged as 'Drinking Water' |
| # | Indicates that ARL is NOT ACCREDITED for this parameter in this analysis and matrix. |

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