

April 2026
Monthly Progress Update
Former Circle K 1461, Seattle, WA

Purpose.

To provide monthly progress updates under Contract: C2400059 to the State of Washington, Department of Ecology on work progress, upcoming activities, schedule updates, and deliverable status.

This Monthly Progress Update Report for the period covering 01 April 2026 through 30 April 2026 for the Former Circle K 1461 Site in Seattle, WA.

Summary of operations, monitoring, and maintenance activities performed during the reporting period.

- ERRG continued operation, monitoring, and maintenance of the system under Phase 1 conditions.
- The extraction wells active for the duration of the reporting period were RW-3, RW-6, RW-7, and RW-8.
- ERRG performed monitoring and sampling as follows:
 - Task 3, Subtask 3B – monthly vapor monitoring for VOCs with PID at vapor treatment system (Vapor GAC) influent, midpoint and effluent on April 22, 2026 and April 27, 2026.
 - Task 3, Subtask 3B – monthly vapor monitoring for VOCs with PID at active extraction wells on April 27, 2026.
 - Task 3, Subtask 3C – monthly water treatment sampling performed at midpoint of liquid GAC vessel trains for BTEX on April 27, 2026.
 - Task 3, Subtask 3C – quarterly water treatment sampling performed at influent, midpoint, and effluent of liquid GAC vessel trains for BTEX, GRO, FOG, and select CVOCs.
 - System experienced shutdown during the morning of April 30, 2026 due to high level alarm in moisture separator tank and storage tank.
 - System was inspected on April 30, 2026 and restarted after changing bag filter and draining storage tank. No mechanical issues were observed. System returned to normal operation without further issue.

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Summary of system performance:

- System flows range 54 to 66.4 cfm.
- Approximately 10,450 gallons of treated water was discharged.
- System vapor concentrations presented in table below.

Analyte	Inlet Concentration	Effluent Concentration	Control Efficiency ¹	Influent Emission	Influent Rates to Operate without Controls	Effluent Emissions	SQER	Di Minimis
PID calibrated to isobutylene (x 3.4 hexane conversion factor) – Vapor GAC April 22, 2026	1.8 ppm x 3.4 = 6.12 ppm	0.0 ppm x 3.4 = 0.0 ppm	100%	N/A	N/A	N/A	N/A	N/A
PID calibrated to isobutylene (x 3.4 hexane conversion factor) – Vapor GAC April 27, 2026	9.8 ppm x 3.4 = 33.32 ppm	0.3 ppm x 3.4 = 1.02 ppm	100%	N/A	N/A	N/A	N/A	N/A

Notes:

1. The control efficiency of the MPE system abatement device shall meet the following requirements, as applicable:

- ≥97% if inlet TPH ≥ 200 ppmv, measured as hexane or its equivalent; or,
- ≥90% if inlet TPH < 200 ppmv, measured as hexane or its equivalent; or
- ≤10 ppmv at the outlet of the control device, measured as hexane or its equivalent.

MPE = multiphase extraction

PID = photoionization device

ppm = parts per million

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Summary of operations, monitoring, and maintenance activities to be performed in the next month.

- ERRG to continue operation of system and perform monitoring and sampling as follows:
 - Task 1 – perform monthly and as-needed O&M activities for Phase 1 operation with Vapor GAC treatment.
 - Task 1 – perform Vapor GAC changeout if needed.
 - Task 3, Subtask 3B – monthly vapor monitoring for VOCs with PID at vapor treatment system (Vapor GAC) influent, midpoint and effluent and active extraction wells.
 - Task 3, Subtask 3B – as-needed vapor sampling of SSD wells and vapor pins for VOCs using Summa canisters.
 - Task 3, Subtask 3D – quarterly groundwater monitoring and sampling for BTEX, GRO, and select CVOCs.
- ERRG to submit the following deliverables:
 - April 2026 Monthly progress update
 - First Quarter 2026 Remedial Progress Report

Comparison of work completed to scheduled activities.

- Operation, monitoring, and maintenance activities completed as required when system was active.

Potential problems identified and suggested resolutions.

- Limited extraction to maintain adequate vacuum (approximately 15 inHg) and manage influent concentrations to vapor GAC vessels to extend life of carbon.
- Evaluate Second Quarter 2026 groundwater results to assess transition to Phase 2.

Deliverables submitted during the reporting period.

- March 2026 Monthly Progress Update on April 20, 2026.

EIM field and laboratory analytical results submitted during the reporting period.

- EIM data uploaded:
 - February 2026 groundwater sampling analytical results.
- Laboratory results submitted:
 - April 2026 system water sampling analytical results.