



Tesoro Alaska Company LLC

Kenai Refinery
54741 Energy Way
Kenai, AK 99611
Tel: 907-776-8191

April 14, 2026

Mr. Peter Campbell
Environmental Program Specialist
Alaska Department of Environmental Conservation
43335 Kalifornsky Beach Road, Suite 11
Soldotna, AK 99669

Submitted via email
peter.campbell@alaska.gov

**RE: Tesoro Alaska Refinery, ADEC Hazard ID #312
Quarterly Treated Groundwater Report**

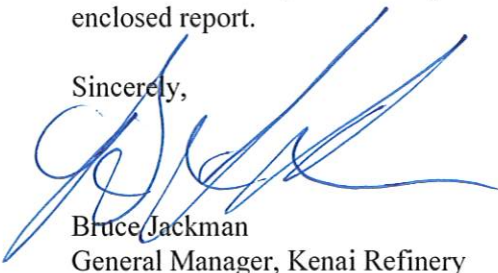
Dear Mr. Campbell:

Enclosed is Tesoro Alaska's Kenai Refinery Quarterly Report, as required by the approved Treated Groundwater Injection Plan (2017). This report summarizes the treated groundwater activities for the first quarter of 2026 (January, February, and March).

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violation.

Please contact Maya Lehl of my staff (907) 776-4225 should you have questions or comments regarding the enclosed report.

Sincerely,



Bruce Jackman
General Manager, Kenai Refinery

Enclosure- Quarterly Treated Groundwater Report

CC via email: Rory O'Rourke, orourke.rory@epa.gov, EPA
Tong Li, tongligws@comcast.net, ASE



**JANUARY, FEBRUARY, MARCH 2026
TREATED GROUNDWATER REPORT
PREPARED FOR TESORO ALASKA COMPANY, LLC**

April 8, 2026

Project #: TESAL-026-0004

SUBMITTED BY: Tesoro Alaska Company, LLC

54741 Tesoro Road, Kenai, AK 99611

PREPARED BY: Trihydro Corporation

312 Tyee Street, Soldotna, AK 99669

**SOLUTIONS YOU CAN COUNT ON.
PEOPLE YOU CAN TRUST.**

CERTIFICATION STATEMENT
JANUARY, FEBRUARY, MARCH 2026
TREATED GROUNDWATER REPORT
PREPARED FOR TESORO ALASKA COMPANY, LLC

I certify that the work presented in this report was performed by me or under my supervision. To the best of my knowledge, the data contained herein are true and accurate, and the work was performed in accordance with professional standards.

Brianna Force

Date: 04/08/2026

Brianna Force, P.G.

Project Manager, Qualified Environmental Professional in accordance with 18 AAC 75.333



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1.0 INTRODUCTION

This report, required by the approved Treated Groundwater Injection Plan (Trihydro 2017), summarizes the treated groundwater activities for the first quarter of 2026 (January, February, March) at the Marathon Kenai Refinery.

The Marathon Kenai Refinery is permitted to inject treated water from two treatment systems: 1) the Phillips-Marathon (PM) Tray Strippers inject to a subsurface trench injection system (inactive), and 2) the Calgon Granular Activated Carbon (GAC) Treatment System injects treated groundwater into a series of injection wells (Calgon).

1.1 RESULTS SUMMARY

The PM system is currently inactive; therefore, extracted groundwater is diverted to the Calgon treatment system. Effluent samples were collected monthly from the Calgon treatment system and analyzed for the constituents listed in Table 1. The Calgon effluent samples were non-detect for the listed constituents except benzene in January and February; however, benzene was detected below the permit limit in January (0.48 J $\mu\text{g/L}$) and February (0.47 J $\mu\text{g/L}$). The first quarter 2026 Calgon system volume flow and effluent concentrations were less than the ADEC Permit criteria. The most recent GAC replacement occurred on October 8, 2025.

Table 1 summarizes the flow volume totals and analytical results for the Calgon treatment system.

2.0 REFERENCES

Trihydro. 2017. *Treated Groundwater Injection Plan*. Prepared for Tesoro Alaska Company.

TABLE

**TABLE 1. TREATED WATER FLOW AND EFFLUENT ANALYTICAL RESULTS
MARATHON KENAI REFINERY
JANUARY, FEBRUARY, MARCH 2026**

<u>Calgon Unit</u>		JANUARY	FEBRUARY	MARCH
	Permit Limits			
Total Flow (gpd)*	1,000,000	184,752	278,352	262,080
Sample Collection Date		1/7/2026	2/2/2026	3/3/2026
Effluent Parameters (µg/L)				
Benzene	4.6	0.48 J	0.47 J	U (1.0)
Toluene	1,100	U (1.0)	U (1.0)	U (1.0)
Ethylbenzene	15	U (1.0)	U (1.0)	U (1.0)
Total Xylenes	190	U (2.0)	U (2.0)	U (2.0)
n-Butylbenzene	1,000	U (1.0)	U (1.0)	U (1.0)
sec-Butylbenzene	2,000	U (1.0)	U (1.0)	U (1.0)
tert-Butylbenzene	690	U (2.0)	U (2.0)	U (2.0)
Isopropylbenzene(cumene)	450	U (1.0)	U (1.0)	U (1.0)
Naphthalene	1.7	U (0.5)	U (0.5)	U (0.5)
1,2,4-Trimethylbenzene	15	U (3.0)	U (3.0)	U (3.0)
1,3,5-Trimethylbenzene	120	U (1.0)	U (1.0)	U (1.0)

µg/L - micrograms per liter

U - Non-Detectable at (detection limit)

gpd- gallons per day

*Flow at time of sample collection

Bolded results are above ADEC standards

J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value