



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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August 22, 2022

Rajbir Sandhu
Boeing Field Chevron
10805 E Marginal Way S
Seattle, WA, 98168
gavaughn@gmail.com

**RE: UIC Site 36723 – Well Registration and Authorization for Agreed Order (AO DE10947)
Cleanup Site with the Underground Injection Control (UIC) Program, Boeing Field
Chevron (Site), 10805 Pacific Hwy S, Seattle, WA**

Rajbir Sandhu:

We reviewed your UIC registration application using the presumptive approach for the above-mentioned Site. The UIC Program, based on the information provided in the registration has determined that the UIC wells are **Rule Authorized** and a State Waste Discharge Permit is not required to operate the wells per 173-218 WAC.

UIC wells must meet the nonendangerment standard of WAC 173-218-080. All UIC wells must prevent the movement of fluid containing any contaminant into the groundwater if the contaminant may cause a violation of the *Water quality standards for ground waters of the state of Washington*¹

The UIC Program can authorize a UIC well via a presumptive approach or a demonstrative approach. In the presumptive approach, Ecology presumes the BMPs listed on your registration application and applied at the Site protect ground water quality. Unless there is site-specific information to indicate otherwise, Ecology will presume the non-endangerment requirements of the UIC program have been met.

¹ Chapter 173-200 - WAC Water quality standards for groundwaters of the state of Washington.

The Site is a Leaking Underground Storage Tank (LUST) facility that is undergoing remedial cleanup activities under AO DE10947. The Ecology Site manager will determine if the substantive requirements of the Model Toxics Control Act (MTCA) have been met. The Facility Site Identification Number is 2551.

You are Rule-Authorized to proceed with the pilot UIC test to evaluate whether PetroCleanze and total liquids extraction can be effective in accelerating the reduction of contaminant mass and reduce dissolved-phase petroleum concentrations. You must follow your *Pilot Test Workplan Boeing Field Chevron 10805 East Marginal Way South Tukwila, Washington 98168 Ecology Facility/Site No.: 2551 Agreed Order No.: DE-10947*. Any deviation from the workplan plan must be approved by the Ecology MTCA Site manager.

The injected compounds are intended to improve groundwater quality. There are inherent environmental risks associated with injecting compounds into groundwater. Site groundwater is not approved for mixing and re-injection of injectate on this project. It is incumbent upon the owner and their representative to carefully characterize, manage, and monitor the site surface and subsurface conditions to minimize risk and prevent unforeseen degradation of groundwater quality and other environmental risks. Mobilized metals, injected chemicals, or hazardous bi-products, are not allowed to migrate beyond a Site boundary. Should the injections cause contaminants or hazardous by-products to be mobilized or released beyond a Site boundary, injection operations must cease and a release must be reported to Ecology:

<https://ecology.wa.gov/Footer/Report-an-environmental-issue/Report-a-spill>.

Should Site conditions change or deteriorate, Ecology may require you to apply for and obtain a Waste Discharge Permit for the continued use of these compounds or cease operations. You may obtain a formal approval for this project through the Ecology's State Waste Discharge Permit Program or the Toxics Cleanup Program.

Any material misrepresentations or omissions of fact supplied in this application may result in the denial or revocation of this registration authorization. Ecology's UIC Program has the authority to rescind a rule authorization if the system no longer meets the nonendangerment standard.

Please contact Eugene Radcliff at UICwells@ecy.wa.gov if you have any questions. You can find additional information on the UIC Program can at our website:

<https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Underground-injection-control-program>

Sincerely,

A handwritten signature in blue ink that reads "Eugene Radcliff". The signature is fluid and cursive, with the first name "Eugene" and last name "Radcliff" clearly distinguishable.

Eugene Radcliff, LG, LHG
Statewide UIC Program Coordinator
Water Quality Program

Cc: Mike Arnold, GLogics, mikea@g-logics.com
Tom Cammarata, Atlas Geosciences NW/G-logics, ThomasC@atlasgeonw.com
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