



**STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY**

Southwest Region Office

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STATE ENVIRONMENTAL POLICY ACT
DETERMINATION OF NONSIGNIFICANCE

Date of Issuance: July 26, 2023

Lead agency: Department of Ecology, Toxics Cleanup Program, Southwest Region

Agency Contact: Cameron Penner-Ash, Cleanup Project Manager, cpen461@ecy.wa.gov,
360-999-9590

Permit Number: Work is to be performed under the authority of a Model Toxics Control Act
Consent Decree No. DE 21768

Description of proposal:

The proposed action includes a soil excavation in the groundwater Source Area (including the former Park Laundry property (Property), a City of Ridgefield parcel, and two privately owned [Hinrich] parcels). Additionally, the proposed action includes focused in-situ groundwater remediation, institutional controls, and groundwater monitoring. The project will attempt to reduce concentrations of tetrachloroethene (PCE) and its degradation products (trichloroethylene [TCE], cis-1,2-DCE [Dichloroethane], trans-1,2-DCE, and vinyl chloride) in the soil and groundwater.

The remedial excavation is centered primarily on the Property, but extends North to the adjoining Hinrich parcels, and South to a property owned by the City of Ridgefield. Soil excavation would cover an approximately 1,700 square foot area with an excavation to 15 feet below ground surface (bgs) and a 300 square foot area to 3 feet bgs (approximately 1,000 cubic yards in total). Excavation would be to the top of an underlying clay unit. Contamination does not appear to enter into the clay unit. The excavation would remove soil contamination that is a potential contaminant source to groundwater and decrease the potential for direct exposure contact during any future building construction and subsurface excavation activity.

The focused in-situ groundwater treatment will consist of injection points to treat PCE in groundwater from an average depth of 5 to 15 feet bgs. The treatment area on Property and within the Source Area, would be outside of the excavation extending north onto the Hinrich parcels. The injections will consist of approximately 43,450 pounds of anaerobic EHC®

bioremediation amendment followed by 30 liters of microorganism DHC (*Dehalococcoides sp.*) inoculation to enhance degradation.

If upon completion of the remedial action, PCE and its degradation products remain in the Source Area in soil and/or groundwater above cleanup levels, institutional controls will be required. If that contaminated media is to remain in the Source Area, an Environmental Covenant (EC) will be required for those properties. The purpose of the EC will be to assure both the continued protection of human health and the environment by restricting access to remaining contaminated media while VOCs degrade in response to cleanup actions and monitored natural attenuation. Additionally, the EC will prohibit groundwater use in the Source Area for irrigation, potable drinking water, or any use involving human contact.

A groundwater monitoring plan will be developed as part of the Engineering Design Report. The Site's existing monitoring wells are in a residential upland area of Ridgefield, between North 3rd Avenue, Railroad Avenue, Division Street, and Pioneer Street. The monitoring plan will include 19 wells, 3 of which will be installed prior to the remedial action to evaluate the lower water bearing zone below the Site.

Location of proposal: The work will be employed at 122 North Main Avenue, Ridgefield, WA.

Applicant/Proponent: The City of Ridgefield.

Project Representative: Steve Stuart, City Manager

Email: steve.stuart@ci.ridgefield.wa.us

Phone: 360-887-3557

Address: 230 Pioneer Street, Ridgefield, Washington 98642

Ecology has determined that this proposal will not have a probable significant adverse impact on the environment. An environmental impact statement (EIS) is not required under RCW 43.21C.030(2)(c). We have reviewed the attached Environmental Checklist, as well as the public review draft Cleanup Action Plan.

These documents are available at:

- Ridgefield Public Library, 210 North Main Avenue, WA 98642
- Ecology Lacey Office (by appointment), 300 Desmond Drive SE, Lacey, WA 98503

This determination is based on the following findings and conclusions:

- The project will reduce concentrations of tetrachloroethene (PCE) and its degradation products (trichloroethylene [TCE], cis-1,2-DCE [Dichloroethane], trans-1,2-DCE, and vinyl chloride) in the soil and groundwater.
- Engineering design documents will be prepared and approved by Ecology to ensure all on-site work will be performed in accordance with applicable standards and use of best management construction and erosion control practices.
- Contaminated soils will be managed in accordance with a previously approved (by Ecology) soils testing and disposal plan.
- The injection of treated groundwater and liquid biostimulants will be conducted under the requirements of the Washington Underground Injection Control (UIC) program.
- The Ecology cleanup project manager will provide oversight during project construction.

The comment period for this DNS corresponds with the comment period for the Remedial Investigation/Feasibility Study, Public Review Draft Cleanup Action Plan and associated Agreed Order. The comment period begins on August 10, 2023, and ends on September 11, 2023.

Responsible official:

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Signature _____



Date _____

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