CALIFORNIA ENVIRONMENTAL QUALITY ACT NOTICE OF EXEMPTION

2019068149

To: Office of Planning and Research
State Clearinghouse
P.O. Box 3044, 1400 Tenth Street, Room 212
Sacramento, CA 95812-3044

From: Department of Toxic Substances Control
Brownfields and Environmental Restoration Program
8800 Cal Center Drive
Sacramento, CA95826

Project Title: Closure Workplan Class 2 Permit Modification, Clean Harbors Environmental Services

Project Location: 16117 Avenida Padillia, Irwindale, 91702

County: Los Angeles

Project Description: The California Department of Toxic Substances Control (DTSC), under Division 4.5, Chapter 20, Article 4 of the California Code of Regulations, approved the Closure Workplan Class 2 Permit Modification for Clean Harbors Environmental Services (Site/CHES), prepared by AECOM, dated May 25, 2017.

Project activities consist of the installation and operation of one soil vapor extraction well (SVE) to remediate elevated concentrations of Volatile Organic Compounds (VOCs) specifically, tetrachloroethane (PCE), in soil vapor until concentrations have decreased to levels suitable for unrestricted land use at the Site.

Background: The Site is in the northeast corner of the City of Irwindale, south of the railroad tracks and Highway 210; east of Irwindale Avenue, the Irwindale Raceway, and gravel pits; and west of the city boundary of the City of Azusa. The Site currently consists of a vacant 9,000 square foot warehouse with fenced parking. CHES had a Series C Standardized Permit (Permit) for the storage of hazardous waste and was permitted to store antifreeze in four 5,000 gallons tanks and up to 1,100 gallons or twenty (20) drums of antifreeze, whichever was greater. The Resource Conservation and Recovery Act (RCRA) Part B Permit had an effective date of July 17, 2000 and expired on July 17, 2010.

CHES submitted the Facility Closure Work Plan (WP), dated July 19, 2012 and DTSC subsequently approved the WP. The tasks in the original RCRA WP have been implemented, and the remaining wastes on the Site have been removed. The aboveground waste storage tanks have been cleaned and removed from the Site along with the pumps and ancillary equipment. The secondary containment areas have been decontaminated with a high-pressure wash unit and tested using wipe samples to demonstrate effectiveness against the performance standard. These activities are documented in the Facility Closure Progress Report dated October 12, 2015.

As a component of the WP, 11 borings were drilled and sampled to depths of approximately 6 feet and evaluated the potential for past releases of organic contaminants from the Facility, and another 3 borings were drilled and sampled to a depth of approximately 6 feet and evaluated specifically for background soil concentrations for metals. In addition, 16 sub-slab soil vapor probes were drilled in and around the warehouse and sampled and three additional deep soil vapor probes were installed and sampled at depths ranging from approximately 12 to 15 feet below ground surface. The soil in the area is made up of fine to coarse sand, gravel, and cobbles. Groundwater was not encountered in any of the test borings drilled at the Site. Based upon the above description and the types of contaminant of concern, Soil Vapor Extraction is a standard technology for remediating the Site.

Project Activities: The SVE extraction well will be installed within the fenced parking lot and will include a vapor/liquid separator and a blower rated for approximately 250 standard cubic feet per minute with two 1,000-pound granular activated carbon vessels connected in series for vapor treatment. The vapor/liquid separator (knockout pot) and blower will be connected using 2- to 4-inch-diameter piping or flexible hoses. Once the SVE system is installed (including the extraction well installation), a pilot test will be conducted. During the pilot test phase, vacuum and chemical data will be collected during and after (rebound testing) SVE operations to optimize the system for full-scale operations.

The pilot test data will be used to establish the required site-specific design parameters such as expected flow rates and anticipated chemical concentrations of influent soil vapors. After the pilot study, standard operation of the SVE system will commence. The same treatment system will be used for both the pilot study and the full-scale remediation system. This system will consist of a skid-mounted unit with instrumentation on the control panel or the skid. The SVE skid will have a South Coast Air Quality Management District (SCAQMD) various locations permit to ensure the unit meets regulatory requirements. The SVE system will be inspected on a weekly basis to monitor the system performance and perform preventive maintenance.

It is anticipated that PCE concentrations in the extracted vapors will be low during the initial stages of remediation, and most of the mass will be removed within 6 months. Once the SVE system has achieved a steady state PCE extraction rate below 1 pound per day, and upon DTSC concurrence, the SVE system will be shut down to allow the subsurface to stabilize. A rebound test will be performed by collecting soil vapor samples prior to system shutdown and samples will be collected each month until statistical evaluation determines if the SVE system must be restarted, or permanently shut down with DTSC concurrence.

Name of Public Agency Approving Project: Department of Toxic Substances Control

Name of Person or Agency Carrying Out Project: Clean Harbors Environmental Services Inc.

Exemption Status: (check one)

☐ Ministerial [PRC, Sec. 21080(b)(1); CCR, Sec. 15268]
☐ Declared Emergency [PRC, Sec. 21080(b)(3); CCR, Sec.15269(a)]
☐ Emergency Project [PRC, Sec. 21080(b)(4); CCR, Sec.15269(b)(c)]
☒ Categorical Exemption: [Class 30; Section 15330]
☐ Statutory Exemptions: [State code section number]
☐ General Rule [CCR, Sec. 15061(b)(3)]

Exemption Title: Minor Actions Taken to Prevent, Minimize, Stabilize, Mitigate, or Eliminate the Release or Threat of Release of Hazardous Waste or Hazardous Substance.

Reasons Why Project is Exempt:

1. The project is a minor action designed to prevent, minimize, stabilize, mitigate or eliminate the release or threat of release of hazardous waste or hazardous substances.
2. The project will not exceed $1 million in cost.
3. The project does not involve the onsite use of a hazardous waste incinerator or thermal treatment unit or the relocation of residences or businesses, and does not involve the potential release into the air of volatile organic compounds as defined in Health and Safety Code Section 25123.
4. The exceptions pursuant to Cal. Code Regs., tit. 14, § 15300.2 have been addressed as follows:
   - Cumulative Impact. The project will not result in cumulative impacts because it is designed to be a short-term, final remedy that would not lead to a succession of projects of the same type in the same place over time.
   - Significant Effect. The environmental safeguards and monitoring procedures that are enforceable and made a condition of project approval will prevent unusual circumstances from occurring so that there is no possibility that the project will have a significant effect on the environment.
   - Scenic Highways. The project will not damage scenic resources, including but not limited to, trees, historic buildings, rock outcroppings, or similar resources, because it is not located within a highway officially designated as a state scenic highway.
   - Hazardous Waste Sites. The project is not located on a site which is included on any list compiled pursuant to Section 65962.5 of the Government Code.
   - Historical Resources. The project will not cause a substantial adverse change in the significance of a historical resource because there are none at the Site.

Evidence to support the above reasons is documented in the project file record, available for inspection at the following address:

Department of Toxic Substances Control
Brownfields and Environmental Restoration
8800 Cal Center Drive
Sacramento, CA95826

Parampreet Bhatti	Hazardous Substances Engineer	916-255-6413
Project Manager Name	Project Manager Title	Phone #
Wayne Lorentzen		5-20-19
Branch Chief Signature		Date
Wayne Lorentzen	Branch Chief	916-255-3749
Branch Chief Name	Branch Chief Title	Phone #

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Date Received For Filing and Posting at OPR:

Governor's Office of Planning & Research

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