

INFORMATION SHEET

WASTE DISCHARGE REQUIREMENTS ORDER R5-2017-xxxx
KEARNEY-NATIONAL INC. AND EMPIRE REAL ESTATE
FORMER KEARNEY-KPF FACILITY, STOCKTON
GROUNDWATER TREATMENT AND DISPOSAL SYSTEM
SAN JOAQUIN COUNTY

The 12.6-acre former Kearney-KPF facility is located at 1624 East Alpine Avenue in Stockton. Beginning in 1951, the former Kearney-KPF facility manufactured high voltage switching devices for utility companies. Prior to 1986, liquid wastes containing dissolved chlorinated solvents were discharged to two topographic low spots on the property creating a condition of pollution or nuisance. In July 1982, Kearney notified the California Department of Health Services that an on-site evaporation pond contained wastes. In addition, a Hazardous Substance Storage Statement was submitted to the Regional Water Quality Control Board, reporting the existence of an unlined hazardous waste storage pond on site. In 1985, the Regional Water Quality Control Board requested a hydrogeological assessment report. Thus, site investigation began in 1986 with collection of soil and groundwater data. The topographic low spots or "ponds" were closed in 1991 by excavating and disposing of contaminated soils.

Since 1993, Kearney has been operating a groundwater extraction and treatment system that re-injects treated groundwater on-site under Waste Discharge Requirements (WDRs). WDRs Order No. 91-220 was replaced by WDRs Order No. 5-01-269 after 1,4-dioxane was discovered to be a site constituent of concern that had previously not been monitored. The groundwater treatment system was updated to treat 1,4-dioxane along with other volatile organic compounds.

In January 2003, the Department of Toxic Substances Control (DTSC) notified Kearney that they are the lead agency for the site. The DTSC incorporated WDR Order No. 5-01-269, MRP R5-2002-0829 and MRP 5-01-269, Rev. 2 into the 2004 Post Closure Permit for the site.

In March 2017, at the request of the DTSC, Kearney-National Inc. submitted a request to update the site WDRs and Monitoring and Reporting Programs to be consistent with the DTSC Post Closure Permit that Kearney is in the process of renewing. Changes to the WDRs include an update of the facility description and property owner name. Separate MRPs for groundwater monitoring and system effluent monitoring have been combined. Monitoring and reporting frequencies have been updated to be consistent with the DTSC Post Closure Permit. The main change in the operation of the groundwater extraction and treatment system is that it will be pulsed on and off to increase removal efficiency as site constituent concentrations have decreased with time.

The proposed Order prohibits the discharge of wastes in any manner other than that described in the Findings of the Order, including prohibiting discharge of waste to surface waters or discharge of hazardous waste.