Former Soco-Lynch Facility Feasibility Study and Remedial Action Plan Project Description

The Department of Toxic Substances Control (DTSC) is considering approval of a Feasibility Study and Remedial Action Plan (FS/RAP) for the Former Soco-Lynch Facility located at 3270 East Washington Blvd, Vernon, California. The FS/RAP was prepared to describe the evaluation of potential remedial alternatives (RAs) and to present a plan to address chemicals of potential concern (COPCs) in soil and soil vapor at the Site.

The primary Site chemicals of concern (COCs) are perchloroethene, trichloroethene, cis 1,2-dichloroethene, vinyl chloride and 1,4- dioxane.

The Draft FS/RAP proposes the following:

• Soil vapor extraction (SVE) in areas where COPCs exceed cleanup levels.

• In situ chemical oxidation (ISCO) using alkaline activated persulfate to address the COPCs in perched groundwater in off-site downgradient areas where 1,4-dioxane is the main COPC.

• Monitored natural attenuation (MNA) for perched groundwater for on-Site portion. MNA uses natural processes to decrease or “attenuate” levels of contaminants in soil and groundwater. Small organisms (or microbes) eat the contaminants and change them into small amounts of water and gases during digestion. MNA will be used to further reduce the relatively low levels of VOCs to below cleanup goals in perched groundwater in the on-Site area.

• Institutional controls, including land use restrictions and appropriate engineering controls such as a vapor intrusion mitigation system as necessary for future buildings.