

ITEM: 5

SUBJECT: Waste Discharge Requirements for Chemical Waste Management, Inc.,
Class I Waste Management Units, Kettleman Hills Facility, Kings County

BOARD ACTION: *Consideration of Waste Discharge Requirements*

BACKGROUND: Chemical Waste Management, Inc. (CWMI) currently discharges solid hazardous and nonhazardous waste to Class I Landfill B-18; and liquid hazardous and nonhazardous waste to Class I Surface Impoundments P-9, P-14, and P-16 at the Kettleman Hills Facility (Facility) as permitted by current Waste Discharge Requirements (WDRs) Order 98-058.

The proposed Order will regulate the water-quality related aspects of the lateral and vertical expansion, continued operation, and monitoring of Class I Landfill B-18. The proposed Order will also to regulate the continued operation and monitoring of the Class I surface impoundments and the closure and post-closure monitoring of all Class I waste management units at the Facility.

The expansion of Landfill B-18 will increase the waste disposal capacity by approximately 4.9 million cubic yards, adding approximately eight to nine years of operational life to the landfill. The proposed Order would reduce required groundwater sampling from quarterly to semi-annually, a proposal that is based on 25 years of consistent data, low groundwater velocity, and the isolation of groundwater beneath the facility.

The facility is not in a 100-year flood plain based on the Federal Emergency Management Agency's Flood Insurance Rate Map. The nearest surface water, the California Aqueduct, is about 3.5 miles east of the site at its closest point. Kettleman City is about 3.5 miles northeast of the site. However, northwest to southeast trending ridges form a physical topographic barrier that prevents runoff from flowing from the Facility toward Kettleman City or the Aqueduct. There are no known groundwater supply wells being used within one mile of the facility property boundary. The closest well on record is a dry domestic well approximately 1.9 miles due west of the KHF property boundary line.

Kings County, acting as a lead agency under the California Environmental Quality Act (CEQA), prepared a Subsequent Environmental Impact Report (SEIR) for the B-18/B-20 Hazardous Waste Disposal Project (which authorized the expansion). Acting as a responsible agency under CEQA, the Central Valley Water Board reviewed and commented on the SEIR. Although the SEIR considered a Class I Landfill designated B-20, the proposed WDRs do not include provisions related to this landfill, because it is not yet constructed. These WDRs require CWMI to submit a Report of Waste Discharge before constructing any additional waste management units, including B-20. The proposed Order incorporates requirements of the FSEIR, the Basin Plan, and Chapter 15 of Title 23 of the California Code of Regulations. (CDH)

RECOMMENDATION: Adopt the proposed WDRs.

Mgmt. Review DKP

Legal Review PEP

16 January 2014

Central Valley Regional Water Quality Control Board Meeting
Kettleman City Elementary School Cafeteria, 701 General Petroleum Avenue
Kettleman City, CA 93239