

ITEM: 26

SUBJECT: Kinder Morgan Energy Partners, L.P., Through Its Operating Partnership SFPP, L.P., Fox Road Petroleum Release Site Groundwater Remediation System, Solano County

BOARD ACTION: *Consideration of NPDES Permit Renewal and Time Schedule Order (NPDES Permit No. CA0084760)*

BACKGROUND: Kinder Morgan Energy Partners, L.P., through its Operating Partnership SFPP, L.P. (formerly known as Santa Fe Pacific Pipeline Partners, L.P., hereinafter Discharger) owns and operates a groundwater treatment system to treat groundwater contaminated with petroleum hydrocarbons. The groundwater treatment system consists of four extraction trenches and 13 extraction wells. The groundwater treatment system currently extracts affected groundwater from two extraction trenches (T-2 and T-4) and two groundwater extraction wells (EX-09B and EX-10B). The treatment system consists of an influent holding tank, bag filters, an air stripper and 7 granular activated carbon (GAC) vessels to remove the petroleum fuel constituents. A venturi was installed between the GAC vessels in series to increase the concentration of dissolved oxygen. Treated groundwater is discharged to Gibson Canyon Creek Flood Control Channel, a water of the United States and a tributary to the Sacramento – San Joaquin Delta.

The Discharger is currently permitted to discharge up to 216,000 gallons per day of treated groundwater. The proposed NPDES permit renewal does not allow for an increase in the discharge from the current permit.

The proposed NPDES Permit renewal includes effluent limitations for iron, manganese, nitrate and tertiary butyl alcohol (TBA) that the Facility cannot immediately comply. Therefore, a Time Schedule Order is also proposed allowing time schedules for the Discharger to comply with these effluent limitations.

ISSUES: None

RECOMMENDATION: Adopt NPDES Permit Renewal and Time Schedule Order

Mgmt. Review _____
Legal Review _____
25/26 July 2013 Board Meeting
11020 Sun Center Dr. #200
Rancho Cordova, CA 95670