

ITEM: 26

SUBJECT: Uncontested NPDES Permits

REPORT: Following are proposed permits. All agencies and the dischargers concur, or have offered no comments. Consideration of NPDES Permits

a	<p>Aerojet Rocketdyne Inc., Groundwater Extraction and Treatment Systems, ARGET, GET E/F, GET H, GET J, GET K, GET LA, GET LB, GET AB, White Rock GET, Chettenham Well and Sailor Bar Park Pond, Sacramento County</p> <p>Aerojet Rocketdyne Inc. (Aerojet), operates 13 groundwater extraction and treatment systems in eastern Sacramento County. Ten of them operate under an NPDES permit. The permit is being revised to add two of treatment plants to permit, GET AB and White Rock GET. Those two facilities are similar to the other already permitted 10 GET facilities in that they employ air stripping to remove volatile organics, ion exchange to remove perchlorate and ultraviolet light/peroxide to destroy NDMA. The treated water will be discharged to three locations. The first choice is to reuse the water either at Aerojet’s facility or at the Teichert gravel processing plant on Grant Line Road as an industrial water supply. The second choice is to discharge the water to Buffalo Creek at the eastern side of Aerojet. Effluent limitations are equivalent to those at the already permitted GETs. There are few other minor changes such as eliminating some monitoring for copper at selected GETs where copper was not being found and increasing the effluent limit for acetaldehyde for GET E/F due to the inability of laboratories to quantify at that level.</p>
b	<p>Aerojet Rocketdyne Inc., Sacramento Facility, Sacramento County</p> <p>Aerojet Rocketdyne Inc. (Aerojet), operates a rocket testing and manufacturing facility in eastern Sacramento County adjacent to the cities of Rancho Cordova and Folsom. Process water discharges from the facility currently consist primarily of non-contact cooling water and blowdown from cooling towers and boilers. Aerojet has significantly reduced the amount of rocket testing done at the facility and has dismantled a number of test stands and associated equipment. The proposed permit renewal is essentially the same as the previous permit. A majority of the flows being permitted and monitored are associated with stormwater runoff. The permit includes the requirements of the General Permit for Stormwater for both industrial and construction activities as it relates to preparation and implementation of a Stormwater Pollution Prevention Plan and necessary monitoring. There were no violations of the previous permit</p>
c	<p>Ironhouse Sanitary District, Water Recycling Facility, Contra Costa County</p> <p>Ironhouse Sanitary District is the owner and operator of the Ironhouse Sanitary District, Water Recycling Facility (Facility), a publicly owned treatment works located at 450 Walnut Meadows Drive, Oakley, California. The Facility provides sewerage services for the City of Oakley, Bethel Island, and some unincorporated areas of Contra Costa County, serving a population of approximately 38,969. The Facility provides tertiary treatment for up to 4.3 million gallons per day (MGD). Tertiary treated wastewater from the Facility is discharged to the San Joaquin River, a water of the United States, within the Sacramento – San Joaquin Delta.</p>

Discharges from the Facility are currently regulated by Waste Discharge Requirements Order R5-2008-0057, issued by the Central Valley Regional Water Quality Control Board (Central Valley Water Board) on 25 April 2008. An Order is proposed to renew the NPDES permit. The proposed NPDES permit renewal removes effluent limits for settleable solids, oil and grease, aluminum, copper, fluoride, lead, total residual chlorine, iron, manganese, and MBAS, because the upgraded Facility no longer demonstrates reasonable potential to cause or contribute to an exceedance of the applicable water quality objectives in the San Joaquin River. The proposed Order also includes new effluent limitations for methylmercury, diazinon, and chlorpyrifos, based on the applicable total maximum daily load control programs in the Basin Plan. The Facility cannot immediately comply with the new effluent limits for methylmercury, so a compliance schedule is included in the proposed Order.

RECOMMENDATION: Adopt the proposed NPDES permits
Mgmt. Review _____
Legal Review _____

5/6 December 2013

Central Valley Regional Water Quality Control Board meeting
11020 Sun Center Dr. #200
Rancho Cordova, CA 95670