

ITEM:

SUBJECT: Twin Mine Aggregate Quarry, Shasta County

BOARD ACTION: Consideration of new Waste Discharge Requirements

BACKGROUND: Chuck Wolf, dba Wolf Sand and Gravel, proposed a sand and gravel extraction facility at the site of the existing Twin Bridges Class II landfill and Class II surface impoundment formerly used to dispose of wastes from the former Shasta Paper Mill. The landfill is located on approximately 30 acres of the 160-acre site and the proposed mine will occupy approximately 91.5 acres of the site. Surface water drainage is to an unnamed tributary to Dry Creek which then connects to Bear Creek and eventually the Sacramento River.

Extracted raw aggregate is conveyed to an area where the material is washed and screened. Some material will be crushed. Wash water will be recycled through a segmented, unlined settling pond. As the source material may vary in quality, these Waste Discharge Requirements allow for the expansion of the settling ponds and for the Discharger to propose the use of a flocculating agent to be approved by Regional Board staff.

This Order prohibits the mining operation from interfering with or compromising the integrity of the landfill and provides for a buffer between the landfill cells and the mined areas. In addition, mining shall not interfere with the landfill monitoring well system on the site. The wash water settling ponds will be monitored regularly for freeboard and electrical conductivity to ensure compliance with pond freeboard requirements and evaluate the salinity of the ponds.

ISSUES: This item is uncontested.

RECOMMENDATION: Adopt the proposed order.

Mgmt. Review_____

Legal Review_____