

ITEM:

SUBJECT: Marcon, Inc., Rare Earth Subdivision, Butte County

BOARD ACTION: Consideration of Adoption of Waste Discharge Requirements

BACKGROUND: Marcon, Inc. will own and operate the wastewater collection, treatment, and disposal facility for this residential subdivision. After a homeowners association is formed for the subdivision, authority for operation and maintenance will be transferred to that association. The subdivision is in Section 32, T23N, R1E, MDB&M, approximately 4 miles north of the City of Chico and consists of 12 single-family home lots of approximately one acre. Surface water drainage in the area of the treatment and disposal facilities for the development is to Keefer Slough, which in turn discharges to Rock Creek, Pine Creek, and ultimately the Sacramento River.

Sewage disposal is by means of a community leachfield system with a design flow of 4,500 gallons per day. Each of the homes in the subdivision will have its own septic tank, effluent screen, and high head effluent pump. The effluent pumping system delivers the septic tank effluent from each home to a proprietary, centralized aerobic fixed film treatment system for reduction of influent BOD, total suspended solids, and nitrogen. Flow volume to the treatment system will be measured by an influent flow meter. The disposal field, containing 1500 feet of leach line (proposed), is on the same lot as the treatment system. There is also room for a replacement leachfield on this same lot, and the entire lot is estimated to have a usable area of approximately 0.75acre.

The tentative Waste discharge requirements were circulated for comment on 14 April 2008.

ISSUES The Discharger has reviewed the administrative draft of these requirements, and there are no outstanding issues.

RECOMMENDATION: Adopt the Waste Discharge Requirements.

Mgmt. Review _____

Legal Review _____

12/13 June 2008
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