

**STATE OF CALIFORNIA
REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL COAST REGION**

STAFF REPORT FOR REGULAR MEETING OF JULY 11, 2008

Prepared on May 29, 2008

ITEM NUMBER: 13

SUBJECT: **Waiver of Waste Discharge Requirements for Onsite Disposal System, Goodwin Residence, 1303 Ferrelo Road, Santa Barbara, Santa Barbara County, Resolution No. R3-2008-0052**

KEY INFORMATION

Location: 1303 Ferrelo Road, Santa Barbara, Santa Barbara County
Lot Size & Type: Approximately 0.63 acre; Residential
Type of Discharge: Treated domestic wastewater
Type of Treatment: Septic Tank
Disposal Method: Drywells
Design Flow: 450 gallons per day (gpd)
Land Owner/Discharger: Kevin Goodwin
This Action: **Adopt Resolution No. R3-2008-0052 for Waiver of Waste Discharge Requirements**

SUMMARY

The proposed Resolution (Attachment 1) is a Waiver of Waste Discharge Requirements for an onsite domestic wastewater and disposal system for a residential lot located in the City of Santa Barbara. The proposed Resolution is for one residential lot in the City of Santa Barbara. The following discussion briefly outlines the basis of the proposed Resolution with supporting attachments and the conditions of the proposed Resolution. More detailed information is contained within the Resolution.

DISCUSSION

The site consists of a 0.63-acre residential property located in the City of Santa Barbara. The property is within the City of Santa Barbara, but the sewer is not available to the site and development requires an onsite wastewater disposal system. The City of Santa Barbara provided a letter to the property owner, Kevin Goodwin (hereafter Discharger), indicating that the sewer is not available because the sewer line does not abut the Discharger's property. The Discharger was unable to obtain an easement from neighbors to connect to the sanitary sewer collection system via gravity flow. The City of Santa Barbara does not have a memorandum of understanding with the Water Board to permit onsite disposal systems; therefore, the Discharger applied for waste discharge requirements for a conventional onsite wastewater disposal system.

The system will serve a four-bedroom, private residence and will consist of a 1,500-gallon septic tank and two dry wells for disposal. The dry wells are already constructed and are 65 feet deep and four feet in diameter. The dry wells are filled with 1.5-inch gravel and are capped with concrete 15

feet below grade. The disposal area is located on slopes of 30 percent. The Water Quality Control Plan, Central Coast Region (Basin Plan) criteria indicate that the disposal area should be set back at least 100 feet from steep slopes. To compensate for the steep slopes, the highest perforation of the dry well pipe is 15 feet below grade. By locating the pipe perforations 15 feet below grade the discharger complies with the 100 foot setback criterion. The discharger excavated an additional 10 feet below the bottom of one of the dry wells to verify that no groundwater was present within 10 feet of the bottom of the dry wells. Groundwater is estimated to be at least 150 ft below grade based on data from underground tank cleanup cases in the area. The system as designed meets all Basin Plan criteria for onsite disposal systems.

The proposed Waiver of Waste Discharge Requirements is subject to conditions as outlined in of the Resolution. The primary conditions are that the Discharger comply with the Basin Plan onsite disposal system requirements. The proposed Resolution contains standard conditions regarding system operation and maintenance, monitoring, inspection, notification and access requirements, and discharge prohibitions.

If the proposed onsite disposal system is properly operated and maintained in accordance with the Basin Plan and the conditions of this Resolution, a waiver of waste discharge requirements is in the public interest and is consistent with applicable water quality control plans, including the Basin Plan.

RECOMMENDATION

Adopt Resolution R3-2008-0052 as proposed.

ATTACHMENT

Proposed Waiver No. R3-2008-0052