



Central Valley Regional Water Quality Control Board

29 May 2012

Bernie Schroeder, Director of Public Works
 City of Auburn
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 Auburn, CA 95603

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MINOR MODIFICATIONS, CITY OF AUBURN WASTEWATER TREATMENT PLANT, WASTE DISCHARGE REQUIREMENTS R5-2010-0090-01 (NPDES NO. CA0077712); PLACER COUNTY

In a letter dated 27 September 2011, the City of Auburn reported to Central Valley Regional Water Quality Control Board (Central Valley Water Board) staff, several typographical errors in Waste Discharge Requirements Order (WDR) R5-2010-0090-01 (NPDES Permit) for the City of Auburn Wastewater Treatment Plant.

Pursuant to Code of Federal Regulations, 40 CFR section 122.63(a), minor modification of an NPDES permit is allowed to correct typographical errors. The following minor modifications, shown in underline/strikeout format, are made to WDR Order R5-2010-0090-01, Attachment E, section VIII.B, to correctly identify and clarify the required monitoring.

1. The Discharger shall monitor groundwater at Monitoring Locations GW-001 through GW-00~~2~~5 as follows:

Table E-7. Receiving WaterGroundwater Monitoring Requirements

Parameter	Units	Sample Type	Minimum Sampling Frequency	Required Analytical Test Method
Depth to Groundwater	Feet	Measured ¹	2/Year	--
Groundwater elevation	Feet	Calculated ¹	2/Year	--
pH	standard units	Grab	2/Year	2
Chemical Oxygen Demand	mg/L	Grab	2/Year	2
Total Coliform Organisms	MPN/100 mL	Grab	2/Year	2
Fecal Coliform Organisms	MPN/100 mL	Grab	2/Year ³	2
Fecal Streptococcus	MPN/100 mL	Grab	2/Year ³	2
Escherichia Coliform	MPN/100 mL	Grab	2/Year ³	2
Total Organic Carbon	MPN/100 mL	Grab	2/Year	2
Ammonia and Ammonium Ion as NH ₄	mg/L	Grab	2/Year	2
Nitrate (as N)	mg/L	Grab	2/Year	2
Total Kjeldahl Nitrogen (as N)	mg/L	Grab	2/Year	2

Parameter	Units	Sample Type	Minimum Sampling Frequency	Required Analytical Test Method
Total Nitrogen	mg/L	Calculated	2/Year	²
Electrical Conductivity @ 25°C	µmhos/cm	Grab	2/Year	²
Total Dissolved Solids	mg/L	Grab	2/Year	²
Sodium Adsorption Ratio	--	Calculated	2/Year	²
Phosphorus, Total	mg/L	Grab	2/Year	²
General Minerals ⁴	mg/L	Grab	2/Year	²
Metals ⁵	µg/L	Grab	1/Quarter	²
Title 22 Constituents ⁶	varies	Grab	2/Year	²

¹ The depth to groundwater and groundwater elevation shall be sampled in the 2nd and 4th quarter of the year, and shall be used to calculate the direction and gradient of groundwater flow. Elevations shall be measured to the nearest one-hundredth of a foot from mean sea level. The groundwater elevation and depth to groundwater shall be measured prior to purging the wells.

² Pollutants shall be analyzed using the analytical methods described in 40 CFR Part 136.

³ Sampling of total coliform organisms serves as a trigger for the sampling of fecal coliform organisms, fecal streptococcus, and Escherichia coliform. Sampling for these three constituents shall be performed for at least two consecutive semi-annual samples in any groundwater monitoring well following the detection in that well of total coliform organisms in excess of 2.2 MPN/100 mL.

⁴ General Minerals shall include the following: boron, bromide, calcium, fluoride, iron, magnesium, potassium, sodium, chloride, phosphorus, sulfate, total alkalinity (including alkalinity series), and total hardness as CaCO₃, and include verification that the analysis is complete (i.e., cation/anion balance).

⁵ Metals shall include at least the following: antimony, arsenic, barium, beryllium, cadmium, chromium, copper, lead, mercury, molybdenum, nickel, selenium, vanadium, and zinc.

⁶ Title 22 Constituents shall include the following: bis (2-ethylhexyl) phthalate, tertiary butyl alcohol (TBA), 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, and hexachlorobutadiene

The corrected Order may be downloaded from the Central Valley Water Board's internet website at http://www.waterboards.ca.gov/centralvalley/board_decisions/tentative_orders/.

In its 27 September 2011 letter, the City also requested a reduction in the number of monitoring wells and/or the number of groundwater constituents that are sampled. The requested permit change does not qualify as a minor permit modification; a Central Valley Water Board action would be necessary. The City must formally request a permit amendment and submit supporting technical information for such a request.

If you have any questions regarding this minor modification, please contact Elizabeth Thayer at (916) 464-4671 or ethayer@waterboards.ca.gov.

Signed by

Pamela C. Creedon
Executive Officer

cc: Dave Smith, U.S. Environmental Protection Agency, Region IX, San Francisco
US Army Corp of Engineers, Sacramento
US Fish and Wildlife Service, Sacramento
Phil Isorena, State Water Resources Control Board, Sacramento (w/enclosures)
Department of Water Resources, Central District, Sacramento

State Office of Historical Preservation, Sacramento
Office of Drinking Water, Department of Public Health, Sacramento
Department of Public Health, Environmental Management Branch, Sacramento
Regional Manager, Department of Fish & Game, Region II, Rancho Cordova
Bill Jennings, California Sportfishing Protection Alliance, Stockton
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Michael Brown, Ophir Area Property Owners Association, Newcastle
Newcastle/Ophir Municipal Advisory Committee, Newcastle
Dick and Carol Dal Pino, Newcastle
Roger Phelps, Sacramento Bee Neighbors, Auburn
David and Gail Mackenroth, Newcastle
Ronald and Patricia Otto, Auburn
Ramona Swenson, American Fisheries Society, El Cerrito
Richard and Barbara Van Riper, Newcastle
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