



EDMUND G. BROWN JR.
GOVERNOR

MATTHEW RODRIGUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

Central Valley Regional Water Quality Control Board

22 August 2018

Chandra Johannesson
East Bay Municipal Utility District
375 11th Street
Oakland, CA 94607

CERTIFIED MAIL
91 7199 9991 7036 7006 7310

NOTICE OF APPLICABILITY
GENERAL WASTE DISCHARGE REQUIREMENTS FOR
SMALL DOMESTIC WASTEWATER TREATMENT SYSTEMS
ORDER WQ 2014-0153-DWQ
FOR
EAST BAY MUNICIPAL UTILITY DISTRICT
PARDEE RESERVOIR RECREATION AREA
WASTEWATER TREATMENT PLANT
AMADOR COUNTY

The East Bay Municipal Utility District (EBMUD, hereafter “Discharger”) submitted a Report of Waste Discharge (RWD) dated 28 August 2017 describing the Pardee Reservoir Recreation Area Wastewater Treatment Plant (WWTP) in Amador County. Based on the information provided, the wastewater treatment system and discharge is consistent with the requirements of the State Water Resources Control Board (State Water Board) *General Waste Discharge Requirements for Small Domestic Wastewater Treatment Systems*, Order WQ 2014-0153-DWQ (General Order). This Notice of Applicability (NOA) provides notice that the General Order is applicable to the site as described below. You are hereby assigned Order WQ 2014-0153-DWQ-R5287 for the discharge. A copy of the General Order is enclosed and also available at:

http://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2014/wqo2014_0153_dwq.pdf

You should familiarize yourself with the entire General Order and its attachments, which describe mandatory discharge and monitoring requirements. The General Order contains operational and reporting requirements by wastewater system type. Sampling, monitoring, and reporting requirements applicable to your treatment and disposal methods must be completed in accordance with the appropriate treatment system sections of the General Order and the attached Monitoring and Reporting Program (MRP) 2014-0153-DWQ-R5287. The Discharger is responsible for all the applicable requirements that exist in the General Order and this NOA.

KARL E. LONGLEY ScD, P.E., CHAIR | PATRICK PULUPA, ESQ., EXECUTIVE OFFICER

11020 Sun Center Drive #200, Rancho Cordova, CA 95670 | www.waterboards.ca.gov/centralvalley

REGULATORY BACKGROUND

WDRs Order R5-01-270, adopted by the Central Valley Regional Water Quality Control Board (Central Valley Water Board) on 7 December 2001, prescribes requirements for the wastewater treatment system and allows a monthly average dry weather inflow of 11,500 gallons per day (gpd). WDRs Order R5-01-270 is proposed to be rescinded at the **4/5 October 2018** meeting of the Central Valley Water Board. Effective upon rescission of Order R5-01-270, the discharge described in this NOA shall be regulated pursuant to the General Order.

FACILITY AND DISCHARGE DESCRIPTION

The WWTP is located at 4900 Stony Creek Road, Lone in Amador County as shown on Attachment A, which is incorporated herein. The Assessor's Parcel Number for the WWTP is 012-080-011 in Section 15, T5N, R10E, MDB&M. The facility is at the north end of the Pardee Reservoir. The recreation area lot size is 245.9 acres.

The Discharger owns and operates the WWTP, which provides wastewater treatment for Pardee Reservoir and the recreation area. The recreation area's collection system and the WWTP were originally built in the 1980s. The recreation area includes five mobile homes for the concessionaire's management and staff, a maintenance yard, a recreational vehicle park with a capacity of 56 sanitary sewer hook-ups, and a hundred campsites. The WWTP treats and discharges wastewater generated at the recreation area except from the onsite campsites as they are equipped with portable restrooms.

The recreation area is open to the public from February through October with year-long usage for concessionaire and maintenance staff. The daily average flow during the peak summer season is about 3,700 gallons per day (gpd), with the winter flow at 600 gpd. The recreation area's water supply is from Pardee Reservoir, which collects water from the Mokelumne River with low salinity (TDS 34 mg/L based a sample collected in July 2017).

The WWTP consists of two concrete-lined aerated treatment/storage ponds operated in series (East and West Ponds), a chlorine contact chamber and a six-acre land application area (LAA). The combined capacity of East Pond and West Pond is approximately 13.8 acre feet based on two-feet of free board. In late 2000, the ponds were lined with four to eight-inch thick reinforced concrete due to seepage and surfacing of water downgradient of the then unlined pond (north end).

The wastewater gravity flows through the recreation area's sanitary sewer collection system. The influent, measured through a weir style flow meter, flows directly into the East Pond and then through a set weir into West Pond. The West Pond is equipped with a pump which pumps the wastewater from the West Pond to the 2,314-gallon L-shaped chlorine contact chamber where sodium hypochlorite is added for disinfection. Secondary disinfected effluent is applied to the LAA for disposal. A tailwater return ditch system is located at the base of the LAA (upper right corner of the West Pond). The tailwater is pumped back into the West Pond. Rainwater and groundwater seepage along the ponds drains offsite through a French drain system. The WWTP is connected to the EBMUD's District-wide Supervisory Control and Data Acquisition System.

A site plan and a process schematic are shown on Attachment B and C, respectively, which are incorporated herein.

The table below is a summary of effluent quality based on two monitoring reports.

Constituent (mg/L)	June 2016 Monitoring Report	July 2017 Monitoring Report
Total Dissolved Solid	510	600
Sodium	106	96
Chloride	120	100
Biochemical Oxygen Demand (BOD ₅)	5.1	7.1
Total Kjeldahl Nitrogen	5.6	7.8
Nitrate as Nitrogen	<0.02	0.03
Formaldehyde	0.03	0.04
Zinc	0.01	0.02
Phenol	<0.03	<0.01

Three groundwater monitoring wells MW-1, MW-2 and MW-3 were installed in 2003 near the ponds as shown on Attachment B. Based on measurements collected in July 2017, the depths to groundwater range from 6 to 48 feet below ground surface, and the groundwater downgradient direction was to the northeast with an approximate horizontal gradient of 0.02 feet per foot. In most years, groundwater elevations in MW-1 were higher than in MW-2 and MW-3. However, during some dry years, MW-1 was typically downgradient of the compliance wells. A summary of historical groundwater monitoring data is presented in the table below based on semi-annual data collected from February 2012 through July 2017.

Constituent	Up-Gradient Well		Down-Gradient Well		Concentration Protective of Beneficial Uses
	MW-1 (Mean)	MW-2 (Mean)	MW-3 (Mean)	MW-3 (Mean)	
TDS (mg/L)	300	380	440	440	450 ¹ to 1,500 ²
Sodium (mg/L)	11	26	28	28	69 ¹
Chloride (mg/L)	8.9	55	53	53	106 ¹ - 250 ⁴
Nitrate Nitrogen (mg/L)	14	6.5	5.7	5.7	10 ³
Zinc (µg/L)	9.7	22	14	14	5,000 ⁴
Formaldehyde (µg/L)	<10	<10	<10	<10	100 ⁵
Phenols (mg/L)	<0.03	<0.02	<0.03	<0.03	4.2 ⁵

- ¹ Lowest agricultural water quality goal.
- ² Short-term Secondary Maximum Contaminant Level.
- ³ Primary Maximum Contaminant Level.
- ⁴ Secondary Maximum Contaminant Level.
- ⁵ California Notification Levels for drinking water.

SITE-SPECIFIC REQUIREMENTS AND EFFLUENT LIMITS

The wastewater treatment operator must be familiar with the requirements contained in the General Order, this NOA, and the MRP.

Note that the General Order contains prohibitions and specifications that apply to all wastewater treatment systems as well as those that only apply to specific treatment and/or disposal

systems. The specific requirements for your treatment system are summarized below.

Requirements by Wastewater System Type, Section B of General Order

A. Prohibitions

This section applies to all discharges.

B. Requirements by Wastewater System Type

B.1 All Wastewater Systems

B.1.a Inflow to the WWTP shall not exceed **11,500 gpd** as an average dry weather flow defined as the total flow for the months of July through September divided by 92 days.

B.1.l Wastewater system setbacks.

Equipment or Activity	Domestic Well	Flowing Stream	Ephemeral Stream Drainage	Property Line	Lake or Reservoir
Septic Tank, Treatment System, & Collection System ¹	150 ft.	50 ft.	50 ft.	5 ft.	200 ft.
LAND APPLICATION AREA REQUIREMENTS					
LAA (disinfected sec-2.2 or sec-23 recycled water)	100 ft.	50 ft.	50 ft.	50 ft.	200 ft.
WASTEWATER STORAGE AND/OR TREATMENT PONDS					
Impoundment (disinfected secondary recycled water) ²	150 ft.	150 ft.	150 ft.	50 ft.	200 ft.

¹ Reference setbacks from “Septic Tank, Aerobic Treatment Unit, Treatment System, or Collection System” in Table 3 of General Order.

² Reference setbacks from “Wastewater Storage and/or Treatment Ponds” in Table 3 of General Order.

B.5 Pond Systems

The WWTP utilizes an evaporation/percolation pond; therefore this section applies in its entirety.

B.7 Land Application and/or Recycled Water Systems

The WWTP utilizes a LAA; therefore, this section applies in its entirety. In addition, wastewater shall only be applied to the LAA from **April through October** each year.

Effluent Limitations, Section D of General Order

This section applies in its entirety to the WWTP and shall include the following site specific limitations.

Effluent Limitations

The following limit apply to the effluent prior to discharge to the LAA.

Constituent	Units	30-Day Average	Daily Maximum
BOD ₅	mg/L	40	80
Total Coliform Organisms	MPN/100mL	23	240

MONITORING AND REPORTING PROGRAM

The Discharger shall comply with MRP 2014-0153-DWQ-R5287, which is incorporated herein.

ENFORCEMENT

Please review this NOA carefully to ensure that it completely and accurately reflects the discharge. Discharge of wastes other than those described in this NOA is prohibited. Prior to allowing changes to the wastewater strength or generation rate, or to the method of waste disposal, you must contact the Central Valley Regional Water Board to determine if submittal of an RWD is required.

The Discharger generates the waste subject to the terms and conditions of the General Order and maintains exclusive control over the discharge. As such, the Discharger is primarily responsible for compliance with this NOA, MRP, and General Order, with all attachments. Failure to comply with the requirements in the General Order or this NOA could result in an enforcement action as authorized by provisions of the California Water Code.

ANNUAL FEES

Staff has determined the discharge is a threat to water quality and complexity rating of 3-B. The annual fee corresponding to a threat to water quality and complexity of 3-B is currently \$4,699; however, because the permitted flow is less than 50,000 gpd, the discharge qualifies for the 50-percent fee discount. Therefore, the annual fee for this discharge is currently \$2,350. The fee is due and payable on an annual basis until coverage under the General Order is formally rescinded. Please note that the annual fees are reviewed each year and may change. If the wastewater discharge ceases, you must provide written notice so that we can terminate coverage under the General Order and no longer bill you.

DOCUMENT SUBMITTAL

All monitoring reports and other correspondence should be converted to searchable Portable Document Format (PDF) and submitted electronically. Documents that are less than 50 MB should be emailed to:

centralvalleysacramento@waterboards.ca.gov.

To ensure that your submittal is routed to the appropriate staff person, the following information should be included in the body of the email or any documentation submitted to the mailing address for this office:

Facility Name: East Bay Municipal Utility District, Pardee Reservoir Recreation Area Wastewater Treatment Plant WWTP, Amador County		
Program: Non-15 Compliance	Order: 2014-0153-DWQ-R5287	CIWQS Place ID: 247616

Documents that are 50 MB or larger should be transferred to a CD, DVD, or flash drive and mailed to:

Central Valley Regional Water Quality Control Board
ECM Mailroom
11020 Sun Center Drive, Suite 200
Rancho Cordova, CA 95670

Now that the Notice of Applicability has been issued, the Board's Compliance and Enforcement section will take over management of your case. Kenny Croyle is your new point of contact for any questions about the General Order. If you find it necessary to make a change to your permitted operations, Kenny will direct you to the appropriate Permitting staff. You may contact Kenny at (916) 464-4676 or at kcroyle@waterboards.ca.gov.

Original signed by Andrew Altevogt for

Patrick Pulupa
Executive Officer

enc: Water Quality Order WQ 2014-0153-DWQ
Monitoring and Reporting Program 2014-0153-DWQ-R5287
Attachment A, Site Location Map
Attachment B, Site Plan
Attachment C, Process Schematic
MRP Transmittal Sheet

cc w/out enc: Timothy O'Brien, State Water Resources Control Board, Sacramento
Michael Israel, Amador County Environmental Health Department, Jackson

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

MONITORING AND REPORTING PROGRAM WQ 2014-0153-DWQ-R5287

FOR
EAST BAY MUNICIPAL UTILITY DISTRICT
PARDEE RESERVOIR RECREATION AREA
WASTEWATER TREATMENT PLANT
AMADOR COUNTY

This Monitoring and Reporting Program (MRP) describes requirements for monitoring influent, ponds, effluent, land application area, groundwater, sludge and water supply. This MRP is issued pursuant to Water Code Section 13267. The East Bay Municipal Utility District (Discharger) shall not implement any changes to this MRP unless and until another revision is issued by the Executive Officer.

The Discharger operates the wastewater system that is subject to the Notice of Applicability (NOA) of Water Quality Order 2014-0153-DWQ-R5287. The reports are necessary to ensure that the Discharger complies with the NOA and General Order. Pursuant to Water Code section 13267, the Discharger shall implement this MRP and shall submit the monitoring reports described herein.

All wastewater samples should be representative of the volume and nature of the discharge. The time, date, and location of each grab sample shall be recorded on the sample chain of custody form. Wastewater flow monitoring shall be conducted continuously using a flow meter and shall be reported in cumulative gallons per day.

Field test instruments (such as pH and dissolved oxygen) may be used if:

1. The operator is trained in the proper use of the instrument;
2. The instruments are field calibrated prior to each use;
3. Instruments are serviced and/or calibrated by the manufacturer at the recommended frequency; and
4. Field calibration reports are submitted as described in the "Reporting" section of this MRP.

Analytical procedures shall comply with the methods and holding times specified in the following: Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater (EPA); Test Methods for Evaluating Solid Waste (EPA); Methods for Chemical Analysis of Water and Wastes (EPA); Methods for Determination of Inorganic Substances in Environmental Samples (EPA); Standard Methods for the Examination of Water and Wastewater (APHA/AWWA/WEF); and Soil, Plant and Water Reference Methods for the Western Region (WREP 125). Approved editions shall be those that are approved for use by the United States Environmental Protection Agency or the California Department of Public Health's Environmental Laboratory Accreditation Program. The Discharger may propose alternative methods for approval by the Executive Officer. Where technically feasible,

laboratory reporting limits shall be lower than the applicable water quality objectives for the constituents to be analyzed.

INFLUENT MONITORING

Influent monitoring shall be performed at the headworks. Influent monitoring shall include the following:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>	<u>Reporting Frequency</u>
Flow	gpd	Meter	Daily	Monthly
20°C BOD ₅ ¹	mg/L	Grab	Monthly	Monthly

¹ 5-day Biochemical Oxygen Demand.

POND MONITORING

Samples shall be collected from an established sampling station. Freeboard shall be measured vertically from the surface of the water to the lowest elevation of the surrounding berm and shall be measured to the nearest 0.1 feet. Monitoring of each pond shall include, at a minimum, the following:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>	<u>Reporting Frequency</u>
Dissolved Oxygen ¹	mg/ L	Grab	Weekly	Monthly
pH	Standard units	Grab	Weekly	Monthly
Freeboard	0.1 feet	Measurement	Weekly	Monthly
Odors	--	Observation	Weekly	Monthly

¹ If the pond is too low to take a dissolved oxygen reading, then this shall be noted on the monthly monitoring report.

EFFLUENT MONITORING

Effluent samples shall be collected from April through October. The time, date, and location of each grab sample shall be recorded on the sample chain of custody form. Effluent monitoring shall include the following:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u> ¹	<u>Reporting Frequency</u>
Biological Oxygen Demand ₅	mg/L	Grab	Weekly	Monthly
Total Coliform Organisms	MPN /100 mL	Grab	Weekly	Monthly
Total Dissolved Solids	mg/L	Grab	Monthly	Monthly
Nitrate as Nitrogen	mg/L	Grab	Monthly	Monthly
Total Kjeldahl Nitrogen	mg/L	Grab	Monthly	Monthly
pH	Std units	Grab	Monthly	Monthly
Formaldehyde	mg/L	Grab	Monthly, May-Sept.	Monthly, May-Sept.
Zinc	mg/L	Grab	Monthly, May-Sept.	Monthly, May-Sept.
Phenol	mg/L	Grab	Monthly, May-Sept.	Monthly, May-Sept.

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u> ¹	<u>Reporting Frequency</u>
Standard Minerals ²	mg/L	Grab	Annually	Annually

¹ Samples shall be collected between the months of April and October, unless described otherwise.

² Standard Minerals shall include, at a minimum, the following elements/compounds: boron, iron, manganese, calcium, magnesium, potassium, sodium, chloride, sulfate, total alkalinity (including alkalinity series), and hardness.

LAND APPLICATION AREA MONITORING

Monitoring of the land application area shall be conducted daily when wastewater is applied (April through October), and the results shall be included in the monthly monitoring report. Evidence of erosion, field saturation, runoff, or the presence of nuisance conditions shall be noted in the report. The tailwater collection ditch and valves shall be checked for leaks and overflows. Effluent monitoring results shall be used to calculate loading rates at the application area. Monitoring of the land application area shall include the following:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>	<u>Reporting Frequency</u>
Flow	Gallons	Continuous	Daily	Monthly
Rainfall	Inches	Measurement	Daily	Monthly
Acreage Applied	Acres	Calculated	Daily	Monthly
Application Rate	gal/acre•day	Calculated	Daily	Monthly
BOD Loading Rate	lbs/acre•day	Calculated	Monthly	Monthly
Total Nitrogen Loading Rate	lbs/ac/month	Calculated	Monthly	Monthly
TDS Loading Rate	lbs/ac/month	Calculated	Monthly	Monthly

BOD denotes Biological Oxygen Demand. TN denotes Total Nitrogen. TDS denotes Total Dissolved Solids.

GROUNDWATER MONITORING

Groundwater samples shall be collected from each groundwater monitoring well in accordance with an approved groundwater monitoring workplan. Prior to sampling, depth to groundwater shall be measured to the nearest 0.01 feet. Water table elevations shall be calculated and used to determine groundwater gradient and flow direction. Samples shall be collected and analyzed using approved EPA methods or other methods approved by the Central Valley Water Board. Groundwater monitoring shall include, at a minimum, the following:

<u>Constituents</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling and Reporting Frequency</u>
Depth to Groundwater	± 0.01 feet	Measurement	Semi-annually
Groundwater Elevation	± 0.01 feet	Calculated	Semi-annually
Gradient	feet/feet	Calculated	Semi-annually
Gradient Direction	degrees	Calculated	Semi-annually
pH	pH units	Grab	Semi-annually

<u>Constituents</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling and Reporting Frequency</u>
Chloride	mg/L	Grab	Semi-annually
Sodium	mg/L	Grab	Semi-annually
Total Coliform Organisms	MPN/100 mL	Grab	Semi-annually
Total Dissolved Solids	mg/L	Grab	Semi-annually
Nitrate-N	mg/L	Grab	Semi-annually
Total Trihalomethanes	µg/L	Grab	Semi-annually
Zinc	mg/L	Grab	Semi-annually
Total Phenols	mg/L	Grab	Semi-annually
Formaldehyde	mg/L	Grab	Semi-annually
Standard Minerals ¹	mg/L	Grab	Annually

¹ Standard Minerals shall include the following compounds: boron, dissolved iron, dissolved manganese, calcium, magnesium, potassium, sulfate, total alkalinity (including alkalinity series), and hardness.

SOLID WASTE AND SLUDGE MONITORING

A log shall be kept of solid waste (grits and screenings) and sludge quantities generated and of handling and disposal activities, and shall be submitted as part of the monthly monitoring reports.

WATER SUPPLY MONITORING

A sampling station shall be established where a representative sample of the municipal water supply can be obtained. Water supply monitoring shall include at least the following:

<u>Constituents</u>	<u>Units</u>	<u>Sampling Frequency</u>
Total Dissolved Solids	mg/L	Annually
pH	pH units	Annually
Standard Minerals ¹	mg/L	Annually

¹ Standard Minerals shall include, at a minimum, the following constituents: boron, iron, manganese, calcium, magnesium, potassium, sulfate, chloride, sodium, total alkalinity (including alkalinity series), and hardness.

REPORTING

All regulatory documents, submissions, materials, data, monitoring reports, and correspondence should be converted to a searchable Portable Document Format (PDF) and submitted electronically. Documents that are less than 50MB should be emailed to:

centralvalleysacramento@waterboards.ca.gov

Documents that are 50 MB or larger should be transferred to a CD, DVD, or flash drive and mailed to the following address:

Central Valley Regional Water Quality Control Board
ECM Mailroom
11020 Sun Center Drive, Suite 200
Rancho Cordova, California 95670

To ensure that your submittals are routed to the appropriate staff, the following information block should be included in any correspondence used to transmit documents to this office:

Facility Name: East Bay Municipal Utility District, Pardee Reservoir Recreation Area Wastewater Treatment Plant WWTP, Amador County		
Program: Non-15 Compliance	Order: 2014-0153-DWQ-R5287	CIWQS Place ID: 247616

In reporting monitoring data, the Discharger shall arrange the data in tabular form so that the date, sample type (e.g., effluent, pond, etc.), and reported analytical result for each sample are readily discernible. The data shall be summarized in such a manner to clearly illustrate compliance with waste discharge requirements and spatial or temporal trends, as applicable. The results of any monitoring done more frequently than required at the locations specified in the MRP shall be reported in the next scheduled monitoring report.

In addition to the requirements of Standard Provision C.3, monitoring information shall include the method detection limit (MDL) and the Reporting limit (RL) or practical quantitation limit (PQL). If the regulatory limit for a given constituent is less than the RL (or PQL), then any analytical results for that constituent that are below the RL (or PQL) but above the MDL shall be reported and flagged as estimated.

As required by the California Business and Professions Code Sections 6735, 7835, and 7835.1, all Groundwater Monitoring Reports shall be prepared under the direct supervision of a California Registered Engineer or Geologist and signed by the registered professional.

A. Monthly Monitoring Reports

Daily, weekly, and monthly monitoring data shall be reported in monthly monitoring reports. Monthly reports shall be submitted to the Regional Board on the **1st day of the second month following sampling** (i.e. the January Report is due by 1 March). At a minimum, the reports shall include:

1. Results of influent, pond, effluent, and land application area monitoring;
2. A comparison of monitoring data to the discharge specifications and an explanation of any violation of those requirements. Data shall be presented in tabular format; and
3. If requested by staff, copies of laboratory analytical report(s).

B. Semi-annual Monitoring Reports

In addition to the monthly monitoring reports, the Discharger shall establish quarterly and semi-annual sampling schedules for groundwater monitoring such that samples are obtained approximately every three and six months. Semi-annual monitoring reports shall be submitted to the Board by the **1st day of February and August**. The semi-annual reports shall include the following:

1. Results of groundwater monitoring;
2. A narrative description of all preparatory, monitoring, sampling, and analytical testing activities for groundwater monitoring. The narrative shall be sufficiently detailed to verify compliance with the WDR, this MRP, and the Standard Provisions and Reporting Requirements. The narrative shall be supported by field logs for each well documenting depth to groundwater and method of sampling;
3. Calculation of groundwater elevations, an assessment of the groundwater flow direction and gradient on the date of measurement, comparison to previous flow direction and gradient data, and discussion of seasonal trends, if any;
4. A narrative discussion of the analytical results for all media and locations monitored, including spatial and temporal trends, with reference to summary data tables, graphs, and appended analytical reports (as applicable);
5. Summary data tables of historical and current groundwater table elevations and analytical results;
6. A comparison of monitoring data to the groundwater limitations and an explanation of any violation of those requirements; and
7. Copies of laboratory analytical report(s) for groundwater monitoring.

C. Annual Report

In addition to the monthly and semi-annual monitoring reports, an Annual Report shall be prepared. The Annual Report shall be submitted to the Regional Board by **1 February** each year. The Annual Report shall include the following:

1. If requested by staff, tabular and graphical summaries of all data collected during the year;
2. A discussion of compliance and the corrective actions taken, as well as any planned or proposed actions needed to bring the discharge into full compliance with the waste discharge requirements;
3. A discussion of any data gaps and potential deficiencies/redundancies in the monitoring system or reporting program;

4. A copy of the certification for each certified wastewater treatment plant operator working at the facility and a statement about whether the Discharger is in compliance with Title 23, CCR, Division 3, Chapter 26;
5. Summary of information on the disposal of sludge and/or solid waste;
6. The results from any sludge monitoring required by the disposal facility; and
7. The results from annual monitoring of the effluent, groundwater and water supply.

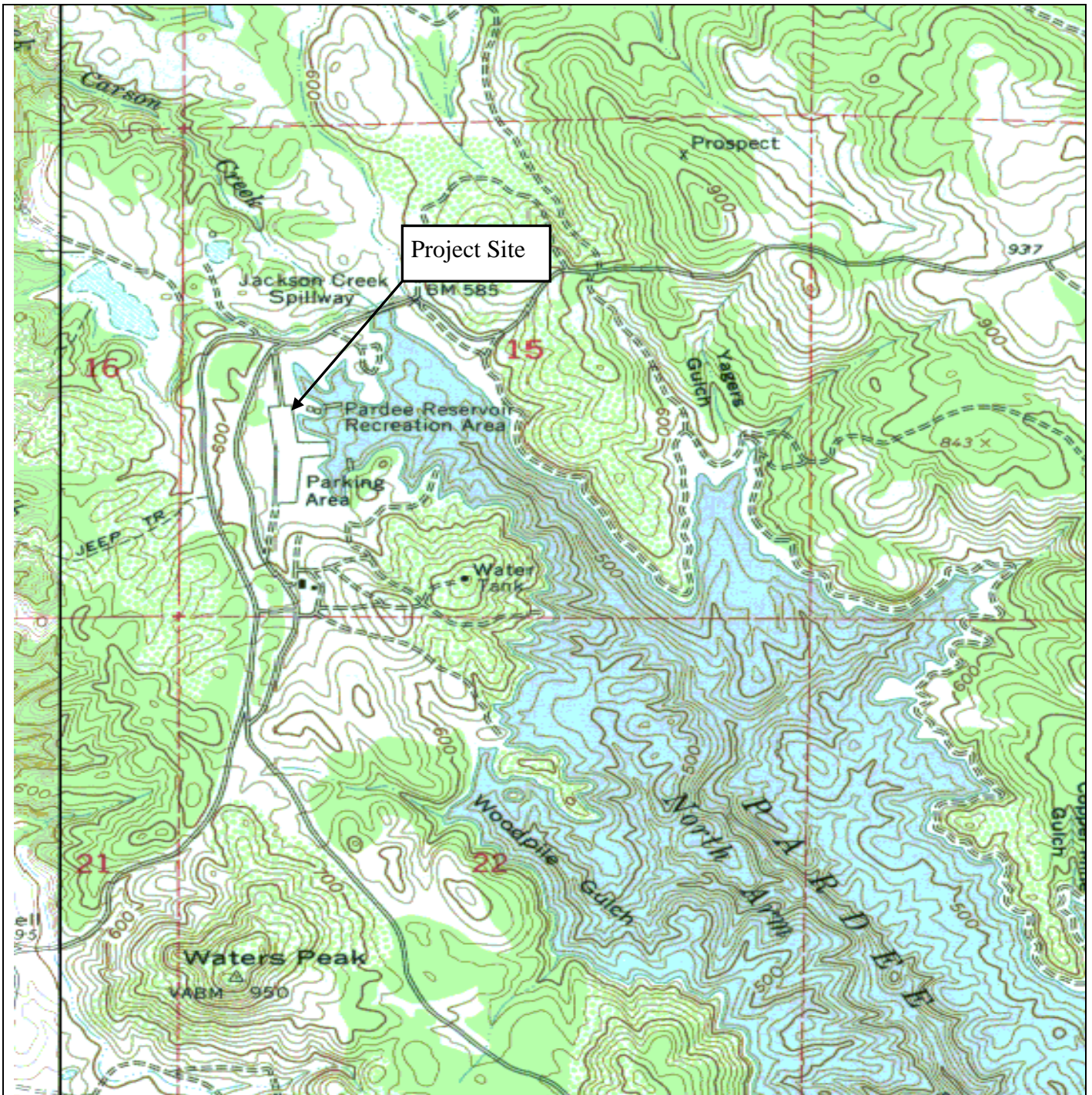
A letter transmitting the self-monitoring reports shall accompany each report. Such a letter shall include a discussion of requirement violations found during the reporting period, and actions taken or planned for correcting noted violations, such as operation or facility modifications. If the Discharger has previously submitted a report describing corrective actions and/or a time schedule for implementing the corrective actions, reference to the previous correspondence will be satisfactory. The transmittal letter shall contain the penalty of perjury statement by the Discharger, or the Discharger's authorized agent, as described in the Standard Provisions General Reporting Requirements Section B.3.

The first monthly monitoring report required under MRP WQ 2014-0153-DWQ-R5279 is due on **1 December 2018** and is to cover the month of **October 2018**.

Ordered by: *Original signed by Andrew Altevogt for*

Patrick Pulupa, Executive Officer

22 August 2018
(Date)



Drawing Reference:
U.S.G.S TOPOGRAPHIC MAP
7.5 MINUTE QUADRANGLE

SITE LOCATION MAP
EAST BAY MUNICIPAL UTILITY DISTRICT
PARDEE RECREATION AREA WWTP
AMADOR COUNTY

approx. scale
1 in. = 2,400 ft.

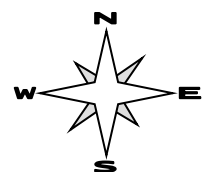


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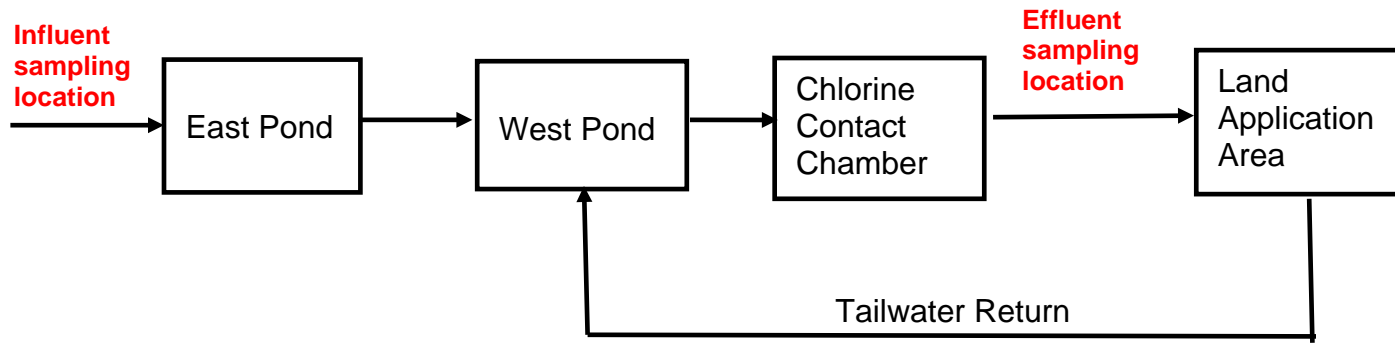
Report of Waste Discharge, August 2017

SITE PLAN

EAST BAY MUNICIPAL UTILITY DISTRICT
PARDEE RESERVOIR RECREATION AREA
WASTEWATER TREATMENT PLANT
CALAVERAS COUNTY



Not Scaled



Drawing Reference:
RWD, August 2017

PROCESS SCHEMATIC
EAST BAY MUNICIPAL UTILITY DISTRICT
PARDEE RESERVOIR RECREATION AREA
WASTEWATER TREATMENT PLANT
CALAVERAS COUNTY