

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

REVISED MONITORING AND REPORTING PROGRAM WQ 2014-0153-DWQ-R5236

FOR

STOCKTON DELTA RESORTS, LLC,
TOWER PARK MARINA AND TOWER PARK VILLAGE
SAN JOAQUIN COUNTY

This Monitoring and Reporting Program (MRP) describes requirements for monitoring a wastewater treatment system at the Tower Park Marina and Tower Park Village. This MRP is issued pursuant to Water Code section 13267. The Discharger shall not implement any changes to this MRP unless and until a revised MRP is issued by the Regional Water Quality Control Board, Central Valley Region (Central Valley Water Board) or Executive Officer.

Water Code section 13267 states, in part:

“In conducting an investigation specified in subdivision (a), the regional board may require that any person who has discharged, discharges, or is suspected of having discharged or discharging, or who proposes to discharge waste within its region, or any citizen or domiciliary, or political agency or entity of this state who has discharged, discharges, or is suspected of having discharged or discharging, or who proposes to discharge, waste outside of its region that could affect the quality of waters within its region shall furnish, under penalty of perjury, technical or monitoring program reports which the regional board requires. The burden, including costs, of these reports shall bear a reasonable relationship to the need for the report and the benefits to be obtained from the reports. In requiring those reports, the regional board shall provide the person with a written explanation with regard to the need for the reports, and shall identify the evidence that supports requiring that person to provide the reports.”

Water Code section 13268 states, in part:

“(a) Any person failing or refusing to furnish technical or monitoring program reports as required by subdivision (b) of section 13267, or failing or refusing to furnish a statement of compliance as required by subdivision (b) of section 13399.2, or falsifying any information provided therein, is guilty of a misdemeanor and may be liable civilly in accordance with subdivision (b).

(b)(1) Civil liability may be administratively imposed by a regional board in accordance with article 2.5 (commencing with section 13323) of chapter 5 for a violation of subdivision (a) in an amount which shall not exceed one thousand dollars (\$1,000) for each day in which the violation occurs.”

Stockton Delta Resorts, LLC owns and operates the wastewater system that is subject to the Notice of Applicability (NOA) of Water Quality Order 2014-0153-DWQ-R55236. 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 submit the monitoring reports described herein.

All samples shall be representative of the volume and nature of the discharge or matrix of material sampled. The name of the sampler, sample type (grab or composite), time, date, location, bottle type, and any preservative used for each sample shall be recorded on the sample chain of custody form. The chain of custody form must also contain all custody information including date, time, and to whom samples were relinquished. If composite samples are collected, the basis for sampling (time or flow weighted) shall be approved by Central Valley Water Board staff.

Field test instruments (such as those used to test pH, dissolved oxygen, and electrical conductivity) may be used provided that they are used by a State Water Resources Control Board, Environmental Laboratory Accreditation Program certified laboratory, or:

1. The user is trained in proper use and maintenance of the instruments;
2. The instruments are field calibrated prior to monitoring events at the frequency recommended by the manufacturer;
3. Instruments are serviced and/or calibrated by the manufacturer at the recommended frequency; and
4. Field calibration reports are maintained and available for at least three years.

INFLUENT FLOW MONITORING

Influent flow shall be monitored at the locations shown in Attachment C as specified below:

Parameter	Units	Type of Sample	Monitoring Frequency	Reporting Frequency
Average Daily Influent Flow	MGD	Meter Observation	Daily	Quarterly

EFFLUENT MONITORING

Effluent samples shall be collected from the aeration pond and from the WWTP effluent prior to discharge to the LAA. A grab sample from aeration pond will be considered representative of the effluent. At a minimum, the Discharger shall monitor effluent as specified below:

Parameter	Units	Type of Sample	Monitoring Frequency	Reporting Frequency
BOD ₅ ¹	mg/L	Grab	Monthly	Quarterly
TSS	mg/L	Grab	Monthly	Quarterly

Parameter	Units	Type of Sample	Monitoring Frequency	Reporting Frequency
Total Nitrogen	mg/L	Grab	Monthly	Quarterly

¹ 5-day Biochemical Oxygen Demand.

POND MONITORING

The Discharger shall monitor each pond (the aeration pond and the evaporation pond) as specified below.

Parameter	Units	Type of Sample	Monitoring Frequency	Reporting Frequency
Freeboard ¹	0.1 feet	Staff Gage	Weekly	Quarterly
Levee Condition	--	Observation	Weekly	Quarterly
Seepage ²	--	Observation	Weekly	Quarterly
Odors	--	Observation	Weekly	Quarterly
Dissolved Oxygen ³	mg/L	Grab	Monthly	Quarterly

¹ Freeboard shall be measured vertically from the surface of the pond water to the lowest elevation of the surrounding berm and shall be measured to the nearest 0.1 feet.

² Pond containment berms shall be observed for signs of seepage or surfacing water along the exterior toe. If surfacing water is found, then a sample shall be collected and tested for total coliform organisms and total dissolved solids.

³ Dissolved oxygen shall be monitored at each pond that contains at least one foot of standing water. The report shall state how much water was in the pond if dissolved oxygen was not monitored. Samples shall be collected opposite the pond inlet at a depth of one foot.

LAND APPLICATION AREA

Monitoring shall be sufficient to determine if wastewater is evenly applied, the disposal area is not saturated, burrowing animals are not present, plant roots have not compromised the disposal area, and odors are not present. Inspection of dosing pump controllers, automatic distribution valves, etc. is required to maintain optimum treatment in the dripfield area. Monitoring shall include, at a minimum, the following:

Parameter	Inspection Frequency	Reporting Frequency
LAA Perimeter Monitoring ¹	Weekly	Quarterly
Pump Controllers, Automatic Valves, etc. ²	Quarterly	Quarterly
Nuisance Odor Condition	Quarterly	Quarterly
Saturated Soil Conditions ³	Quarterly	Quarterly
Plant Growth ⁴	Quarterly	Quarterly
Vectors or Animal Burrowing ⁵	Quarterly	Quarterly

1. The perimeter of the LAA shall be inspected weekly to ensure wastewater remains on the LAA and the fence is properly maintained.

2. All pump controllers and automatic distribution valves shall be inspected for proper operation as recommended by the manufacturer.

3. Inspect a disposal area for saturated conditions.
4. Shallow-rooted plants are generally desirable, deep-rooted plants such as trees shall be removed as necessary.
5. Evidence of animals burrowing shall be immediately investigated, and burrowing animal populations controlled as necessary.

RECREATIONAL VEHICLE DISCHARGE MONITORING

Any wastewater system that has accepted recreational vehicle, portable toilet, or similar waste in the previous 12 months shall perform the following additional monitoring. Samples shall be collected to characterize effluent that is stored in wastewater ponds or that will be applied to a disposal area. Wastewater shall be monitored as specified below:

<u>Constituent</u>	<u>Units</u>	<u>Sample Type</u>	<u>Sample Frequency</u>	<u>Reporting Frequency</u>
Zinc	mg/L	Grab	Quarterly	Quarterly
Phenol	mg/L	Grab	Quarterly	Quarterly
Formaldehyde	mg/L	Grab	Quarterly	Quarterly

SOLIDS DISPOSAL MONITORING

The Discharger shall report the handling and disposal of all solids (e.g., screenings, grit, sludge, biosolids, etc.) generated at the wastewater system. Records shall include the name/contact information for the hauling company, the type and amount of waste transported, the date removed from the wastewater system, the disposal facility name and address, and copies of analytical data required by the entity accepting the waste. These records shall be submitted as part of the annual monitoring report.

REPORTING

All monitoring reports 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 submittal is routed to the appropriate staff person, the following information should be included in the body of the email or transmittal sheet:

Attention: Compliance/Enforcement Section
Stockton Delta Resorts, LLC
Tower Park Marina and Tower Park Village
San Joaquin County
Place ID: 264829

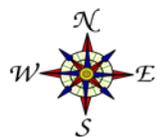
In reporting monitoring data, the Discharger shall arrange the data in tabular form so that the date, sample type (e.g., effluent, solids, etc.), and reported analytical or visual inspection results are readily discernible. The data shall be summarized to clearly illustrate compliance with the General Order and NOA 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 regularly scheduled monitoring report and shall be included in calculations as appropriate.

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. For a Discharger conducting any of its own analyses, reports must be signed and certified by the chief of the laboratory.

A. Quarterly Monitoring Reports

Quarterly reports shall be submitted to the Regional Water Board on the **first day of the second month after the quarter ends** (e.g., the January-March Quarterly Report is due by May 1st). The reports shall bear the certification and signature of the Discharger's authorized representative. At a minimum, the quarterly reports shall include:

1. Results of all required quarterly monitoring. Data shall be organized by the associated monitoring sections (e.g., Flow Monitoring, Effluent Monitoring, etc.) and presented in tabular format.
2. Results of weekly inspections of the LAA.
3. A comparison of monitoring data to the discharge specifications, flow limit, and effluent limits.
4. A disclosure of any violations of the NOA and/or General Order requirements and an explanation of corrective actions.
5. If requested by staff, copies of laboratory analytical report(s) and chain of custody form(s).



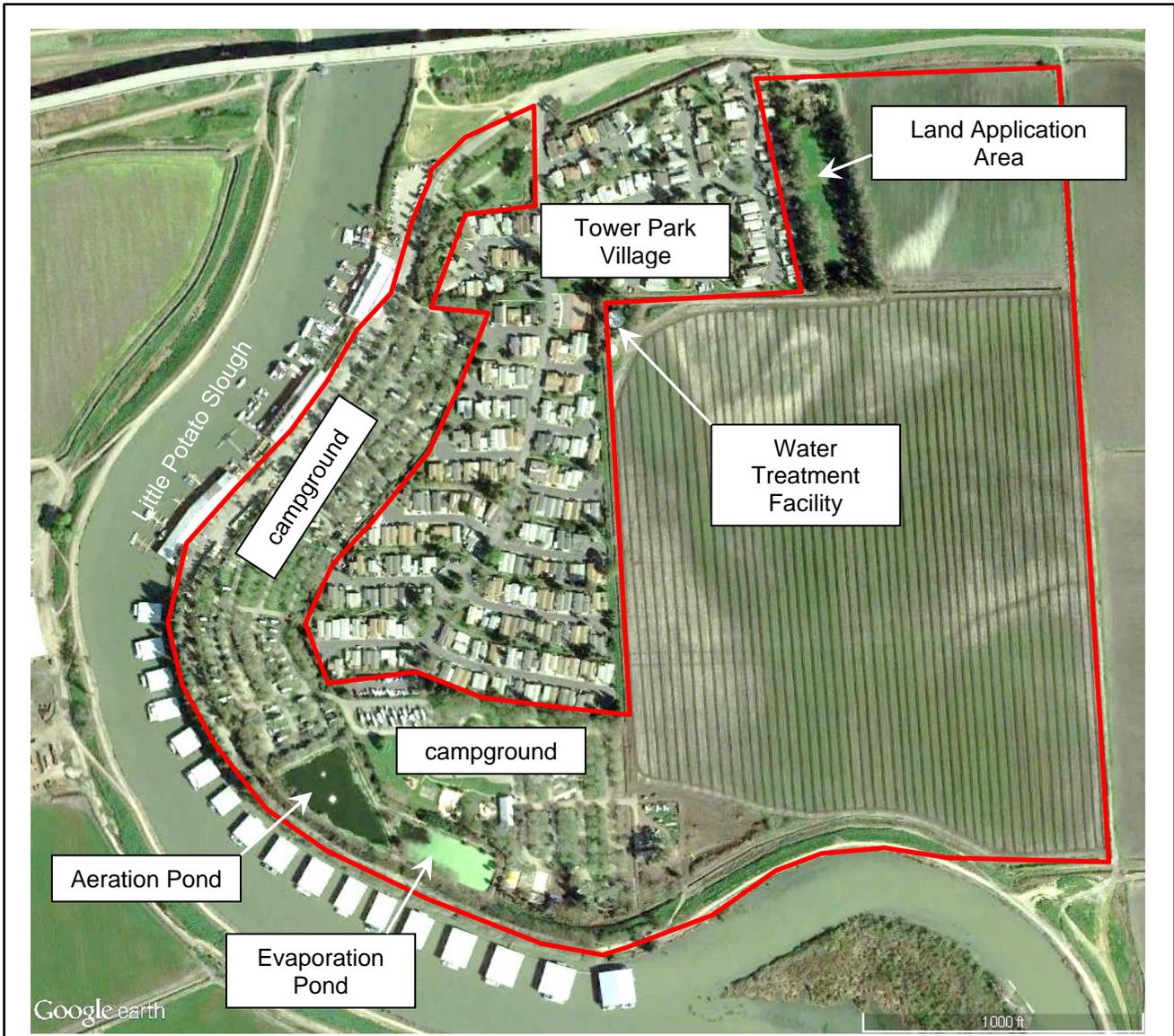
~ 0.5 miles

Source:
U.S.G.S. Topographic Map

SITE LOCATION MAP

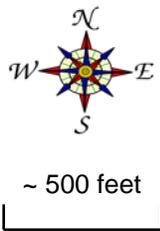
TOWER PARK MARINA
AND
TOWER PARK VILLAGE

SAN JOAQUIN
COUNTY



Google earth

1000 ft



Source:
Google Earth, 2017 and RWD, 2017

SITE PLAN

**TOWER PARK MARINA
AND
TOWER PARK VILLAGE**

SAN JOAQUIN COUNTY

