
Central Valley Regional Water Quality Control Board

28 March 2018

Edward Biggs
Shadow Lake Mobile Home Park LLC/WWTP
4341-A Abernathy Road
Fairfield, CA 94534

CERTIFIED MAIL
91 7199 9991 7035 8420 3095

NOTICE OF APPLICABILITY
GENERAL WASTE DISCHARGE REQUIREMENTS FOR
SMALL DOMESTIC WASTEWATER TREATMENT SYSTEMS
ORDER WQ 2014-0153-DWQ
FOR
EDWARD BIGGS,
SHADOW LAKE MOBILE HOME PARK WASTEWATER TREATMENT PLANT
SAN JOAQUIN COUNTY

Mr. Edward Biggs, the facility owner, submitted a Report of Waste Discharge (RWD) dated May 2017 describing the Shadow Lake Mobile Home Park wastewater treatment plant (WWTP) in San Joaquin County. Additional information was submitted on 22 February 2018 and 15 March 2018 via email. Based on the provided information, 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-R5263 for the discharge. A copy of the General Order is enclosed and 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-R5263. The Discharger is responsible for all the applicable requirements that exist in the General Order and this NOA.

REGULATORY BACKGROUND

Wastewater discharge from Shadow Lake Mobile Home Park WWTP is currently regulated by Waste Discharge Requirements (WDR) Order 5-00-245, which was adopted on 27 October 2000. WDR Order 5-00-245 will be rescinded at an upcoming Central Valley Regional Water Board meeting. Effective upon rescission of Order 5-00-245, the discharge shall be regulated pursuant to the General Order.

EXISTING FACILITY AND DISCHARGE DESCRIPTION

The Shadow Lake Mobile Home Park WWTP is located at 5100 North Highway 99 in San Joaquin County on APN 087-040-14, as shown on Attachment A, which is attached hereto and is made part of this NOA by reference. The mobile home park is owned by Edward Biggs (hereafter “Discharger”) and operated by R. Stephen Potter. Stockton Verde Mobile Home Park is located along the southern border of Shadow Lake Mobile Home Park. Wastewater for the Shadow Lake Mobile Home Park is collected and treated on-site because the mobile home park is located in an area without a regional wastewater collection system. A site plan is shown on Attachment B, which is attached hereto and is made part of this NOA by reference.

The WWTP collects domestic waste from 256 home sites and two clubhouses with kitchens. The treatment system consists of a contact stabilization package plant, two polishing ponds (Ponds #1 and #2), and a sand filter. Effluent is disposed of through seepage pits, referred to as dry wells. Daily average flow rates for each month in 2017 ranged from 22,889 to 27,248 gallons per day. The treatment plant is rated for a total daily flow of 50,000 gallons per day (gpd).

Wastewater collected from the mobile home park flow by gravity to the headworks that contain two submersible grinder pumps, as shown on Attachment C, which is attached hereto and made part of the NOA by reference. Wastewater is then pumped to the contact stabilization plant where waste attaches to and is adsorbed by the mixed liquor suspended solids. The wastewater then enters the secondary clarifier. Polymer is added to assist in settling during solids during peak flow periods. Solids settle and the clarified liquid flows over the effluent weir to Pond #1. The settled solids are then returned to the aeration tank.

Ponds #1 and #2 are gunite lined and 7.5 feet deep with a surface area of 0.03 acres each. Pond #1 acts as a fore bay for the tertiary filters (north and south filters) and as a settling pond for any remaining suspended solids. A pump in Pond #1 pumps the water to the tertiary filters. Two 10-foot diameter filters consisting of sand and pea gravel provide filtration of the secondary effluent. Filter backwashing occurs several times a day and the spent backwash water is returned to Pond #1 for settling.

Pond #2 receives filtered water from the tertiary filters and provides equalization of the daily flow prior to discharge to a series of dry wells. There are currently 42 dry wells, each 25 feet deep with perforated PVC pipe. The wells are filled with crushed rock to reduce turbulent flow energy of effluent discharged into the wells. Effluent from Pond #2 passes through a pipe to a manifold for discharge distribution. Excessive suspended solids build up in the wells is controlled by cycling the discharge between each well to allow for resting intervals. The shallowest depth to groundwater is approximately 35 feet below the bottom of the dry wells at 60 feet bgs.

Wastewater quality in the ponds for 2017 is shown below.

Wastewater Quality ¹		
Constituents	Influent (Pond #1)	Effluent (Pond #2) ²
BOD (mg/L)	255 - 798	ND – 39.8
TSS (mg/L)	4.3 – 3,100	3 - 19
TDS (mg/L)	NA	230 – 360
Nitrates (mg/L)	NA	0.01 – 0.8
Ammonia (mg/L)	NA	ND – 65
pH	NA	6.64 – 7.81
Coliform (MPN/100mL)	NA	>1,600

Minimum and maximum concentrations for 2017 are shown. Data from 2017 are considered representative of wastewater quality for the WWTP.

² Samples are collected from Pond #2 effluent prior to discharge to the dry wells.
 BOD = biochemical oxygen demand
 mg/L = milligrams per liter
 MPN = most probable number
 NA = not analyzed
 ND = not detected
 TDS = total dissolved solids
 TSS = total suspended solids

Currently, there are two 3,000-gallon tanks that are used for digestion of the removed sludge from the treatment process. Due to the large amount of sludge that is generated, two additional tanks may be added to the digestion system. A decanting process is used to thicken the sludge, which is then pumped out by a septic hauler and disposed of off-site.

Three groundwater monitoring wells were installed to monitor groundwater quality up- and downgradient of the dry wells. Monitoring well MW-1 is upgradient and MW-2 and MW-3 are located downgradient of the seepage pits. The depths of all three wells range from 72.1 to 73.8 feet below ground surface. Groundwater monitoring data for 2017 is tabulated below:

Constituent (units)	Upgradient Well ¹		Downgradient Wells ¹			
	MW-1		MW-2		MW-3	
	Sample date		Sample date		Sample date	
	3/1/17	6/8/17	3/1/17	6/8/17	3/1/17	6/8/17
TDS (mg/L)	550	705	600	665	450	530
Nitrate Nitrogen (mg/L)	19	29	27	50	13	15
Total Coliform (MPN/100mL)	<2.0	27	<2.0	34	4	2
pH (standard units)	7.1	7.1	6.7	6.8	6.6	6.7
¹ Groundwater quality from 2017 is considered representative of groundwater conditions beneath the mobile home park.						

Between 2001 and 2017, concentrations of TDS in upgradient well MW-1 showed no significant increasing or decreasing trend, while TDS in downgradient wells MW-2 and MW-3 showed decreasing trends. Nitrate as nitrogen in downgradient well MW-2 showed an increasing trend; however, upgradient well MW-1 also shows an increasing trend. The area upgradient of the mobile home park is largely agricultural which could be influencing nitrate as nitrogen concentrations in groundwater beneath the facility. Discharges from Shadow Lake do not appear to be degrading groundwater.

SITE-SPECIFIC REQUIREMENTS AND EFFLUENT LIMITS

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 and effluent limits for this discharge are summarized below.

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

Requirements by Wastewater System Type, Section B of General Order

B.1 All Wastewater Systems

This applies in its entirety to the Shadow Lake Mobile Home Park WWTP with the following site-specific requirements.

B.1.a Influent flow limits.

Treatment Unit	Flow Limit as Monthly Average ¹
Influent to Pond #1	50,000 gpd

¹ As measured by the flow meter located before Pond #1, as shown on Attachment C

B.1.I 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.
Wastewater Treatment Ponds ¹	150 ft.	150 ft.	150 ft.	50 ft.	200 ft.
Seepage Pit ¹	150 ft.	150 ft.	50 ft.	8 ft.	200 ft.

¹ Reference setbacks from Table 3 of General Order.

This is an existing facility, constructed prior to the issuance of the new General Order for Small Domestic Wastewater Treatment Systems, and the ponds and dry wells may not be compliant with the setbacks included in the General Order. However, the WWTP will still be permitted under this General Order provided that nuisance conditions do not result from noncompliance. Expansion of a noncomplying wastewater treatment system shall trigger further evaluation of the setbacks, as described in Section B.1.I of the General Order.

B.4 Activated Sludge Systems

The WWTP utilizes an activated sludge system; therefore, this section applies in its entirety.

B.5 Pond Systems

The WWTP utilizes a pond system; therefore, this section applies in its entirety.

B.6 Subsurface Disposal Systems

The WWTP utilizes a subsurface disposal system; therefore, this section applies in its entirety.

Effluent Limitations, Section D of General Order

This section applies in its entirety to the Shadow Lake Mobile Home Park WWTP and shall include the following site-specific limitations.

Treatment Pond #2 Effluent Limitations

The following limits apply to effluent from Pond #2.

Constituent	Units	Limit
BOD	mg/L	90
Nitrate as Nitrogen	mg/L	10

Effluent Limit Rationale

The pond treatment system is subject to technology performance effluent limits for biochemical oxygen demand (BOD) as specified in the General Order.

Technical Report Preparation Requirements, Provisions Section E.1 of General Order

The following technical reports shall be submitted as described below:

1. By **1 July 2018**, the Discharger shall submit a *Spill Prevention and Emergency Response Plan* (Response Plan) consistent with the requirements of General Order Provision E.1.a.

2. By **1 July 2018**, the Discharger shall submit a *Sampling and Analysis Plan* consistent with the requirements of General Order Provision E.1.b.

MONITORING AND REPORTING PROGRAM

The Discharger shall comply with MRP 2014-0153-DWQ-R5263, which is attached hereto and made part of this NOA by reference.

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.

Shadow Lake Mobile Home Park will generate the waste subject to the terms and conditions of WQ 2014-0153-DWQ-R5263 and will maintain exclusive control over the discharge. As such, Edward Biggs 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. 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: Shadow Lake Mobile Home Park, San Joaquin County		
Program: Non-15 Compliance	Order: 2014-0153-DWQ-R5263	CIWQS Place ID: 256531

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. Brendan Kenny 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, Brendan will direct you to the appropriate Permitting staff. You may contact Brendan at (916) 464-4635 or at bkenny@waterboards.ca.gov.

--original signed by Andrew Altevogt for--

Pamela C. Creedon
Executive Officer

enc: Water Quality Order WQ 2014-0153-DWQ
 Monitoring and Reporting Program 2014-0153-DWQ-R5263
 Attachment A, Site Location Map
 Attachment B, Site Plan
 Attachment C, Wastewater Treatment System Flow Schematic

cc w/out enc: Timothy O'Brien, State Water Resources Control Board, Sacramento
 San Joaquin County Environmental Health Department, Stockton

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

MONITORING AND REPORTING PROGRAM WQ 2014-0153-DWQ-R5263

FOR

EDWARD BIGGS,
SHADOW LAKE MOBILE HOME PARK WASTEWATER TREATMENT PLANT,
SAN JOAQUIN COUNTY

This Monitoring and Reporting Program (MRP) describes requirements for monitoring a wastewater treatment system at the Shadow Lake WWTP. 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.”

The Shadow Lake Mobile Home Park WWTP discharge is regulated by the Notice of Applicability (NOA) of Water Quality Order 2014-0153-DWQ-R5263 and is owned by Edward Biggs and operated by R. Stephen Potter. Pursuant to Water Code section

13267, the Discharger shall implement this MRP and submit the monitoring reports described herein. The reports are necessary to ensure that the Discharger complies with the NOA and General Order.

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 upstream of the treatment system at the location 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 at the outlet from Pond #2 prior to entering the dry wells. A grab sample from Pond #2 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
Nitrate as Nitrogen	mg/L	Grab	Monthly	Quarterly
TDS	mg/L	Grab	Monthly	Quarterly
Total Coliform	MPN/100 mL	Grab	Monthly	Quarterly

¹ 5-day Biochemical Oxygen Demand.

MPN = most probable number per 100 mL sample

POND MONITORING

The Discharger shall monitor each 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.

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.

GROUNDWATER MONITORING

Groundwater monitoring wells MW-1 through MW-3 shall be monitored according to the schedule below. Monitoring data and groundwater flow direction analysis shall be performed semiannually (twice per year) and shall be performed under the supervision of a California licensed civil engineer or geologist. After wastewater disposal has begun and six semiannual groundwater monitoring events have occurred, the Discharger may request a reduced monitoring and reporting schedule if groundwater monitoring data indicate that the discharge is not impacting groundwater quality.

Parameter	Units ¹	Sample Type	Sampling Frequency	Reporting Frequency
Groundwater Elevation ¹	0.01 Feet	Calculated	Semiannually	Annually
Depth to Groundwater ²	0.01 Feet	Calculated	Semiannually	Annually
Gradient	Feet/Feet	Calculated	Semiannually	Annually
Gradient Direction	Degrees	Calculated	Semiannually	Annually
pH	Std. Units	Grab	Semiannually	Annually
Total Dissolved Solids	mg/L	Grab	Semiannually	Annually

Parameter	Units ¹	Sample Type	Sampling Frequency	Reporting Frequency
Nitrate as Nitrogen	mg/L	Grab	Semiannually	Annually
Total Coliform Organisms	MPN/100 mL	Grab	Semiannually	Annually

- ^{1.} Groundwater elevation shall be based on depth to water using a surveyed measuring point elevation on the well and a surveyed reference elevation.
- ^{2.} Depth to groundwater shall be reported as feet below ground surface.

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
Edward Biggs
Shadow Lake Mobile Home Park WWTP
San Joaquin County
Place ID: 256531

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. A comparison of monitoring data to the discharge specifications, flow limit, and effluent limits.
3. A disclosure of any violations of the NOA and/or General Order requirements and an explanation of corrective actions.
4. If requested by staff, copies of laboratory analytical report(s) and chain of custody form(s).

B. Annual Report

Annual Reports shall be submitted to the Regional Water Board by **February 1st following the monitoring year**. The Annual Report shall include the following:

1. Tabular and graphical summaries of all monitoring data collected during the year.
2. An evaluation of the performance of the wastewater treatment system, including discussion of capacity issues, nuisance conditions, system problems, and a forecast of the flows anticipated in the next year. A flow rate evaluation, as described in the General Order (Provision E.2.c), shall also be submitted if required.
3. A description of the disinfection system maintenance activities performed in the calendar year. The description shall address inspections performed and manufacturer recommended maintenance activities.
4. A discussion of compliance and the corrective action taken, as well as any planned or proposed actions needed to bring the discharge into compliance with the NOA and/or General Order.
5. A discussion of any data gaps and potential deficiencies/redundancies in the monitoring system or reporting program.
6. The name and contact information for the wastewater operator responsible for operation, maintenance, and system monitoring.
7. A groundwater monitoring report prepared by a California licensed professional. This report may be combined of the Annual Report or submitted separately. The report shall contain an analysis of groundwater data collected during the year. The analysis shall include a description of the sample events, copies of the field logs, purge method and volumes, groundwater elevations and trends, a groundwater elevation map for each sample event, summary tables showing results for parameters measured, comparison of groundwater quality parameters to standards

in the NOA, chain-of-custody forms, calibration logs for field equipment used, and a general evaluation of any impacts the wastewater discharge is having on groundwater quality.

A letter transmitting the monitoring reports shall accompany each report. The letter shall report violations found during the reporting period, and actions taken or planned to correct the violations and prevent future violations. The transmittal letter shall contain the following penalty of perjury statement and shall be signed by the Discharger or the Discharger's authorized agent:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of the those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

The Discharger shall implement the above monitoring program as of the date of this MRP.

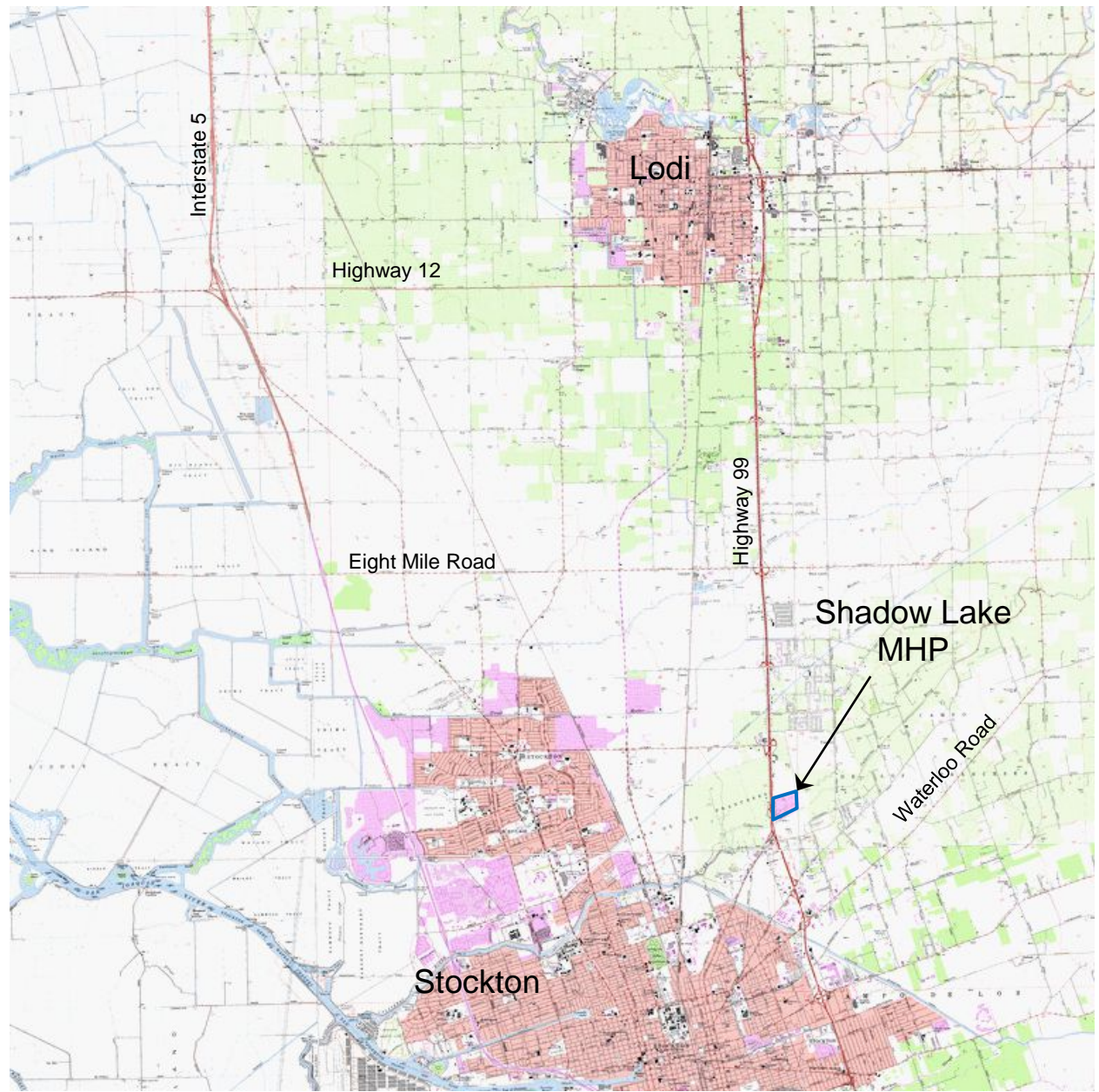
Ordered by:

PAMELA C. CREEDON, Executive Officer

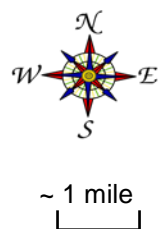
DATE

GLOSSARY

TDS	Total dissolved solids
TSS	Total suspended solids
Weekly	Once per week.
Monthly	Once per calendar month.
Quarterly	Once per calendar quarter.
Semiannually	Once every six calendar months (i.e., two times per year) during non-consecutive quarters.
Annually	Once per year.
mg/L	Milligrams per liter
mgd	Million gallons per day
MPN/100 mL	Most probable number [of organisms] per 100 milliliters



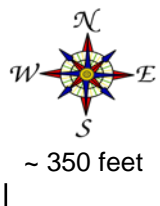
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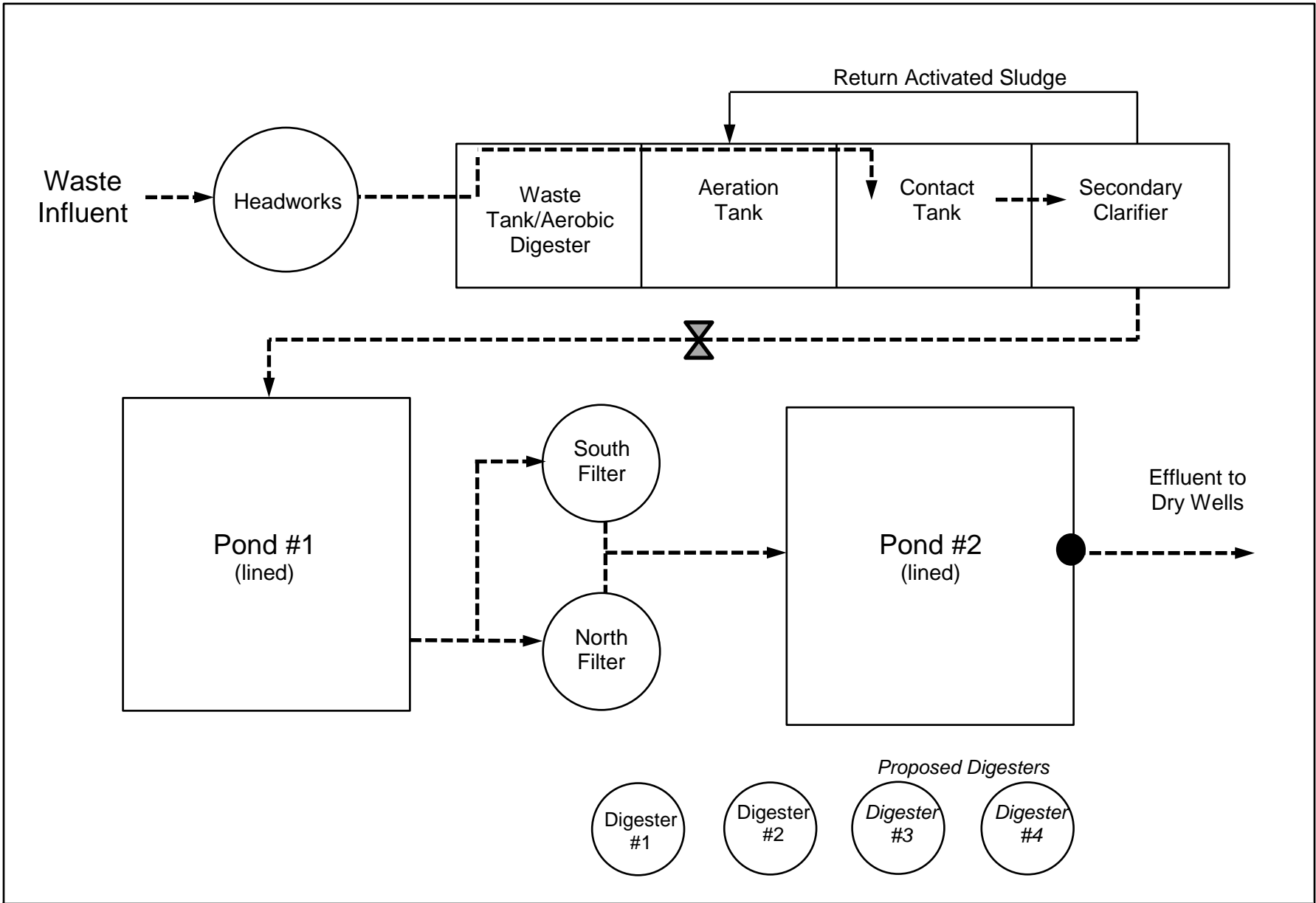
SITE LOCATION MAP
SHADOW LAKE MOBILE HOME
PARK
SAN JOAQUIN COUNTY





Source:
Google Earth, 2017
and RWD, 2017



SITE PLAN
SHADOW LAKE MOBILE
HOME PARK
SAN JOAQUIN COUNTY



-  Flow meter
-  Sample Location

Drawing Reference: Shadow Lake MHP RWD, 2017

**WASTEWATER TREATMENT
FLOW SCHEMATIC**
SHADOW LAKE MHP
SAN JOAQUIN COUNTY