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**Central Valley Regional Water Quality Control Board**

19 December 2016

County of Placer, Department of Public Works and  
Facilities (DPWF)  
Placer County Service Area No. 28, Sheridan WWTP  
and Sprayfields  
11476 C Avenue  
Auburn, CA 95603

**CERTIFIED MAIL**  
**91 7199 9991 7035 8421 0826**

***NOTICE OF APPLICABILITY***  
**GENERAL WASTE DISCHARGE REQUIREMENTS FOR**  
**SMALL DOMESTIC WASTEWATER TREATMENT SYSTEMS**  
**ORDER WQ 2014-0153-DWQ**  
**FOR**  
**SHERIDAN WASTEWATER TREATMENT PLANT,**  
**PLACER COUNTY**

County of Placer Department of Public Works and Facility Services submitted a Report of Waste Discharge (RWD) dated April 2015 with additional information submitted on 16 November 2016 describing the Placer County Service Area No. 28, Zone No. 6, Sheridan Wastewater Treatment Plant and Sprayfields (hereafter "Sheridan WWTP") in Placer County. Based on the provided information, the wastewater treatment system and discharge are 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) which was adopted on 13 September 2014. 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-R5218 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](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-R5218. The Discharger is responsible for all the applicable requirements that exist in the General Order and this NOA.

## 1. REGULATORY BACKGROUND

Prior to issuance of this NOA, the Sheridan WWTP was regulated by Waste Discharge Requirements (WDR) Order R5-2002-0208, which was adopted on 6 December 2002, and amended by Order R5-2008-0140, which was adopted on 11 September 2008. Upon issuance of this NOA, the Sheridan WWTP is here by regulated pursuant to the General Order and WDR Orders R5-2002-0208 and R5-2008-0140 will be rescinded at an upcoming Central Valley Regional Water Board meeting.

## 2. EXISTING FACILITY AND DISCHARGE DESCRIPTION

The Sheridan WWTP is owned and operated by the County of Placer Department of Facility Services (hereafter “Discharger”) and is located at E Street, Sheridan, in Placer County as shown on Attachment A, which is attached hereto and made part of this NOA by reference. The site plan is shown on Attachment B, which is attached hereto and made part of this NOA by reference. The facility is located on approximately 60 acres in the unincorporated area of western Placer County. The closest drinking water well is over 600 feet northeast of the WWTP.

The Sheridan WWTP treats municipal wastewater from the community of Sheridan. The plant serves 221 dwelling units including four commercial structures, a school, a thirteen unit mobile home park, and single family houses. Wastewater in the collection system generally drains to the south, where flows are collected in the influent lift station. The lift station transfers wastewater from the gravity system to a forcemain that terminates at the WWTP.

The WWTP consists of two, clay lined treatment ponds (Ponds 1 and 2) and two seasonal storage reservoirs (SSR1 and SSR2). Pond 1 is an aeration pond for biological removal and settling of biochemical oxygen demand (BOD) and Pond 2 is a polishing pond for further solids settling. Raw wastewater is first pumped into the primary treatment pond, Pond 1, which is divided by a baffle into Pond 1A and 1B. In Pond 1A, one 10-hp aerator and one 5-hp aerator are used to promote oxidation of organic matter and reduction in BOD. Flow is directed from Pond 1A to Pond 1B where a 5-hp aerator is used for additional aeration. From Pond 1B the water is directed to Pond 2 for settling of solids. From Pond 2, treated water is directed through the chlorine contact pipe, where chlorine is added to destroy pathogenic bacteria and to aid in odor control. SSR1 is clay lined and SSR2 is lined with a 60 mil HDPE liner. Chlorinated secondary effluent is then pumped to either SSR 1 or to SSR 2, which are equipped with floating irrigation pump stations to deliver treated water to the sprayfields. During the winter months, SSR 1 is also available to provide additional seasonal storage for secondary effluent. A process flow schematic is shown on Attachment C, which is attached hereto and made part of this NOA by reference. Pond design details are presented below.

<b>Pond Name</b>	<b>Depth (feet)</b>	<b>Surface Area (acres)</b>	<b>Volume (MG)<sup>3</sup></b>
Pond 1A-1B <sup>1</sup>	5	1.5	2.11
Pond 2 <sup>1</sup>	3.5 – 4.2	0.7	0.95
SSR 1 <sup>1</sup>	10	3.8	11
SSR 2 <sup>2</sup>	10.5	2.1	6.6

<sup>1</sup> Percolation/infiltration rate is considered negligible due to the clay liners. The typical permeability rate for clay in the area  $1.0 \times 10^{-6}$  cm/s or slower based on geotechnical investigation conducted on site in 2004 and 2006.

<sup>2</sup> The percolation rate for the lined pond (SSR 2) is considered negligible.

<sup>3</sup> Capacity with two feet of freeboard

There are two methods used for the disposal of solids (debris and biosolids) that accumulate in the WWTP ponds. The first method is to use a barge or dredge to clean out the bottom of the pond during operation. The liquid solids are dewatered and removed by truck and sent to an appropriate landfill permitted to accept WWTP sludge and in manner consistent with Title 27 requirements. The second method is to drain the pond completely and wait for the solids to dry. The solids are excavated and sent to the appropriate landfill.

Disinfected secondary effluent is disposed of through evaporation and spray irrigation on 20.7 acres of sprayfields (Fields 1, 2A, 2B, 3, and 4). The sprayfields are planted with pasture grasses and are maintained by mowing and leaving the residue in place; however, the sprayfields could be maintained by grazing cattle not producing milk for human consumption. No mixing of treated effluent with supplemental potable water occurs prior to application; however, stored effluent may be slightly diluted by rainfall during certain times of the year.

The irrigation system to the sprayfields consists of an underground transmission system. Each sprayfield is equipped with a tailwater return system. The tailwater return systems are designed to capture runoff from the application area and return it back to the WWTP. The sprayfields are operated primarily during the dry months, beginning in April and ending in October, as well as significant dry periods that may occur in the winter.

Chemical characterization of influent and effluent wastewater quality includes biochemical oxygen demand (BOD<sub>5</sub>) and total suspended solids (TSS). Average monthly data are summarized below.

Constituent (mg/L)	Influent <sup>2</sup>	Effluent <sup>3</sup>	Waste Discharge Limits <sup>1</sup>	
			Average Monthly	Daily Maximum
BOD <sub>5</sub>	289	28.7	45	90
TSS	335	60	45	90

<sup>1</sup> As required in WDR Order No. R5-2002-0208

<sup>2</sup> Average monthly influent data collected between January 2009 and March 2014

<sup>3</sup> Average monthly effluent data collected between April 2011 and March 2014

Four groundwater monitoring wells and one piezometer are located around the Sheridan WWTP. Based on a westerly groundwater flow direction, as described in the RWD, MW-1 through MW-3 are considered downgradient compliance wells and MW-4 is an upgradient background well. Depth to groundwater measurements collected between November 2004 to September 2015 range between approximately 21 to 40 feet bgs.

Fourth Quarter 2015 analytical results for groundwater monitoring data from MW-1 to MW-4 are tabulated below.

Constituent	Downgradient Wells			Upgradient Well	Water Quality Objective
	MW-1	MW-2 <sup>1</sup>	MW-3	MW-4	
EC (µmhos/cm)	999	844	802	323	700 <sup>2</sup> to 2,200 <sup>3</sup>
TDS (mg/L)	710	650	590	280	450 <sup>2</sup> to 1,500 <sup>3</sup>
Nitrate Nitrogen (mg/L)	2.3	1.5	1.4	4.3	10 <sup>4</sup>
Total Coliform (MPN/100mL)	ND	ND	ND	ND	< 2

Constituent	Downgradient Wells			Upgradient Well	Water Quality Objective
	MW-1	MW-2 <sup>1</sup>	MW-3	MW-4	
pH (standard units)	7.6	7.53	7.65	7.67	6.5 – 8.5 <sup>3</sup>

<sup>1</sup> Groundwater samples were not collected from this well during the fourth quarter 2015 monitoring event due to insufficient water for sampling; results are from Third Quarter 2015 Monitoring Report.

<sup>2</sup> Lowest agricultural water quality goal.

<sup>3</sup> Secondary Maximum Contaminant Level

<sup>4</sup> Primary Maximum Contaminant Level.

Concentrations in **BOLD** exceed a WQO

Abbreviations: EC – Electrical Conductivity; TDS – Total Dissolved Solids; MPN – Most Probable Number; WQO – Water Quality Objective

### 3. SITE-SPECIFIC REQUIREMENTS AND EFFLUENT LIMITS

Note that the General Order contains prohibitions and specifications that apply to all wastewater treatment systems and those that apply only to specific treatment and/or disposal systems. The specific requirements and effluent limits for your treatment system are summarized below.

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

#### B. Requirements by Wastewater System Type, Section B of General Order (pp.16 – 27 of the General Order)

##### B.1 All Wastewater Systems

This applies in its entirety to the Sheridan WWTP with the following site specific requirements.

##### B.1.a Influent flow limits

Location	Influent Flow Limit as Monthly Average
Influent Lift Station	60,000 gpd

##### B.1.I Wastewater system setbacks

Equipment or Activity	Domestic Well	Flowing Stream	Ephemeral Stream Drainage	Property Line	Lake or Reservoir
Collection System <sup>1</sup>	100 ft.	50 ft.	50 ft.	5 ft.	200 ft.
Treatment Ponds <sup>2</sup>	150 ft	150 ft	150 ft	50 ft	200 ft
Spray Field <sup>3</sup>	No spray irrigation of any recycled water, other than disinfected tertiary recycled water, shall take place within 100 feet of a residence or a place where public exposure could be similar to that of a park, playground, or school yard.				

<sup>1</sup> Setbacks from “Septic Tank, Aerobic Treatment Unit, Treatment System, or Collection System” in Table 3 of General Order. Setbacks apply to the collection system, septic tanks, and dosing tanks.

<sup>2</sup> Setbacks from “Impoundment (disinfected secondary recycled water)” in Table 3 of General Order based on level of effluent treatment and disinfection.

<sup>3</sup> Setbacks from “Spray Irrigation (disinfected recycled water)” in Table 3 of General Order based on level of effluent treatment and disinfection.

### B.5 Pond Systems

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

### B.7 Land Application and/or Recycled Water Systems

The WWTF utilizes a land application system; therefore this section applies in its entirety. Disinfected secondary wastewater is applied to the fields via spray irrigation. As described in the RWD, storm water and effluent are prevented from running off-site due to the tailwater management systems, which directs excess water from the spray fields back to Pond 1A/1B. All ponds have a minimum of 10 feet of separation from groundwater based on the shallowest depths to groundwater measured between 2004 and 2015.

### **D. Effluent Limitations (pp.27 – 28 of the General Order)**

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

#### Treatment Pond Effluent Limitations

The following limits apply to the effluent to be discharged to the spray fields.

Constituent	Units	Limit
BOD	mg/L	90
Total Nitrogen		Crop demand
TSS	mg/L	45 <sup>1</sup>

<sup>1</sup> Monthly average

#### Effluent Limit Rationale

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

Staff evaluated the need for a nitrogen effluent limit using the method contained in the General Order and conditions of the discharge. The pond treatment system and application to the spray field is expected to assimilate nitrogen before it could potentially impact shallow groundwater. Nitrogen in the wastewater shall be applied at an agronomic rate in the amount needed by the crop being grown. Therefore, a numerical nitrogen wastewater effluent limit is not necessary at this time.

### **E. Technical Report Preparation Requirements (pp.28 – 29 of the General Order)**

The following technical reports shall be submitted as described below:

1. By **1 February 2017**, 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 February 2017**, the Discharger shall submit a *Sampling and Analysis Plan* consistent with the requirements of General Order Provision E.1.b.

## **4. MONITORING AND REPORTING PROGRAM**

The Discharger shall comply with the attached MRP 2014-0153-DWQ-R5218, which is attached hereto and made part of this NOA by reference. Influent flow rates shall be measured prior to the wastewater entering Pond 1A by the flow meter at the influent lift station. Effluent samples shall be collected prior to land application.

## 5. 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 if the method of waste disposal changes from that described in the RWD, you must contact the Central Valley Regional Water Board to determine if submittal of an RWD is required.

County of Placer Department of Facility Services will generate the waste subject to the terms and conditions of WQ 2014-0153-DWQ-R5218 and will maintain exclusive control over the discharge. As such, County Placer Department of Facility Services 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.

## 6. ANNUAL FEES

Staff has determined the discharge is a threat to water quality and complexity rating of 3-B. The current 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 and to avoid additional billing, you must provide written notice so that we may terminate coverage under the General Order.

## 7. 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: Sheridan WWTP, Placer County		
Program: Non-15 Compliance	Order: 2014-0153-DWQ-R5218	CIWQS Place ID: 254925

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. Guy Childs 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, Guy will direct you to the appropriate Permitting staff. You may contact Guy at (916) 464-4648 or at [gchilds@waterboards.ca.gov](mailto:gchilds@waterboards.ca.gov).

PAMELA C. CREEDON  
Executive Officer

enc: Water Quality Order WQ 2014-0153-DWQ  
Monitoring and Reporting Program 2014-0153-DWQ-R5218  
Attachment A, Site Location Map  
Attachment B, Site Plan  
Attachment C, Wastewater Treatment System Schematic

cc w/out enc: Timothy O'Brien, State Water Resources Control Board, Sacramento  
Ralph Echols, Placer County Department of Environmental Services, Auburn



Source  
Report of Waste Discharge for  
Sheridan WWTP,  
April 2015

**SITE LOCATION MAP**  
**SHERIDAN WASTEWATER TREATMENT PLANT**  
Placer County

1 in  $\approx$  2,000 ft

A compass rose with a star-like center, indicating the cardinal directions: North (N), South (S), East (E), and West (W).



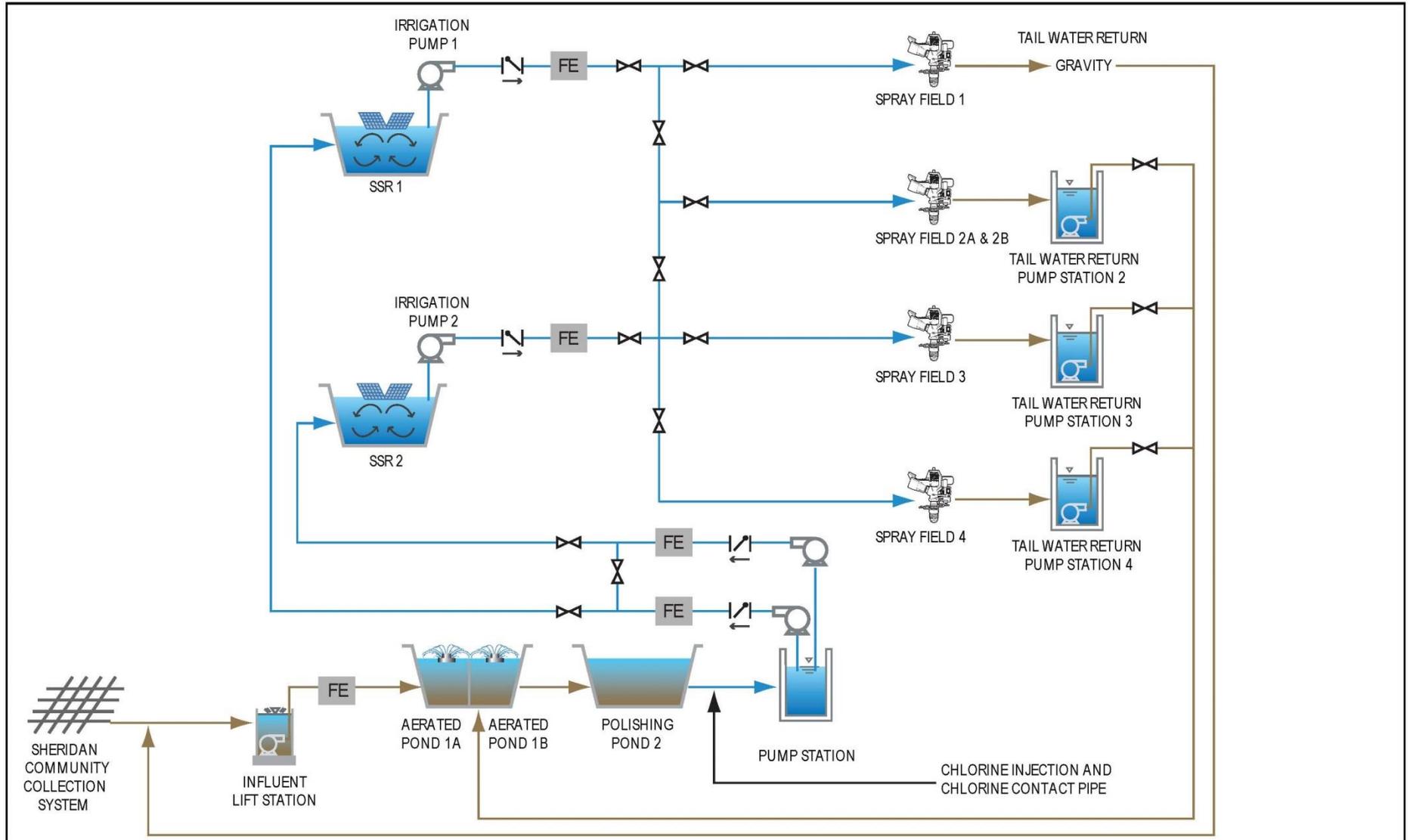
**Legend**

- - - Effluent Pipeline
- ▲ Aerator
- Solar Circulator
- Floating Irrigation Pump
- Effluent Flow Direction
- X Tailwater Return Pump Station
- SSR = Seasonal Storage Reservoirs

Source:  
 Report of Waste Discharge for Sheridan, April 2015, and Google Earth, 2016

**SITE PLAN**  
**SHERIDAN WASTEWATER TREATMENT PLANT**  
 Placer County

1 in ≈ 350 ft



Source:

Report of Waste Discharge  
HydroScience  
April 2015

**FLOW SCHEMATIC**

**SHERIDAN WASTEWATER TREATMENT PLANT**  
Placer County

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
CENTRAL VALLEY REGION

MONITORING AND REPORTING PROGRAM WQ 2014-0153-DWQ-R5218

FOR

COUNTY OF PLACER DEPARTMENT OF PUBLIC WORKS AND FACILITIES  
SHERIDAN WASTEWATER TREATMENT PLANT AND SPRAYFIELDS  
PLACER COUNTY

This Monitoring and Reporting Program (MRP) describes requirements for monitoring a wastewater treatment system at the Sheridan Wastewater Treatment Plant and Sprayfields (hereafter "Sheridan 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."

County of Placer Department of Public Works and Facilities Services owns and operates the wastewater system that is subject to the Notice of Applicability (NOA) of Water Quality Order 2014-0153-DWQ-R5218. 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 prior to the wastewater entering Pond 1A by the flow meter at the influent lift station as shown on Attachment C and 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 prior to land application. A grab sample from Ponds SSR1 and SSR2 will be considered to be 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 <sub>5</sub> <sup>1</sup>	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

<sup>1</sup> 5-day Biochemical Oxygen Demand.

### POND MONITORING

The Discharger shall monitor each pond as specified below.

Parameter	Units	Type of Sample	Monitoring Frequency	Reporting Frequency
Freeboard <sup>1</sup>	0.1 feet	Staff Gage	Weekly	Quarterly
Levee Condition	--	Observation	Weekly	Quarterly
Seepage <sup>2</sup>	--	Observation	Weekly	Quarterly
Odors	--	Observation	Weekly	Quarterly
Dissolved Oxygen <sup>3</sup>	mg/L	Grab	Monthly	Quarterly
Pond Liner Condition <sup>4</sup>	--	Observation	Every 5 years	Every 5 Years

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> 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.

<sup>4</sup> The pond liner condition and a determination of whether the liner is leak-free shall be performed for each pond lined with a geosynthetic liner.

### SPRAY FIELD 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 spray fields. Monitoring shall include, at a minimum, the following:

Parameter	Inspection Frequency	Reporting Frequency
Pump Controllers, Automatic Valves, etc. <sup>1</sup>	Quarterly	Quarterly
Nuisance Odor Condition	Quarterly	Quarterly
Saturated Soil Conditions <sup>2</sup>	Quarterly	Quarterly
Plant Growth <sup>3</sup>	Quarterly	Quarterly
Vectors or Animal Burrowing <sup>4</sup>	Quarterly	Quarterly

<sup>1.</sup> All pump controllers and automatic distribution valves shall be inspected for proper operation as recommended by the manufacturer.

<sup>2.</sup> Inspect a disposal area for saturated conditions.

<sup>3.</sup> Shallow-rooted plants are generally desirable, deep-rooted plants such as trees shall be removed as necessary.

<sup>4.</sup> Evidence of animals burrowing shall be immediately investigated and burrowing animal populations controlled as necessary.

### 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-4 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 <sup>1</sup>	Sample Type	Sampling Frequency	Reporting Frequency
Groundwater Elevation <sup>1</sup>	0.01 Feet	Calculated	Semiannually	Annually
Depth to Groundwater <sup>2</sup>	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
Nitrate as Nitrogen	mg/L	Grab	Semiannually	Annually
Total Coliform Organisms	MPN/100 mL	Grab	Semiannually	Annually

<sup>1.</sup> Groundwater elevation shall be based on depth to water using a surveyed measuring point elevation on the well and a surveyed reference elevation.

<sup>2.</sup> 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  
County of Place Department of Public Works and Facility Services  
Sheridan WWTP  
Placer County  
Place ID: 254925

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 1<sup>st</sup>). 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 1<sup>st</sup> 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 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.
4. A discussion of any data gaps and potential deficiencies/redundancies in the monitoring system or reporting program.
5. Every five years after the issuance of this NOA, the report shall include an evaluation of the pond liner condition and test results that determine whether the pond liner is leak-free. The report shall include procedures for replacement or repair of the liner when a leak is detected.
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:

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PAMELA C. CREEDON, Executive Officer

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DATE

## Electronic Report Transmittal Form

Attention: Guy Childs (916) 464-4648

Discharger: Sheridan WWTP  
WDRs Order Number: 2014-0153-DWQ-R5218  
CIWQS Place ID: 254925  
County: Placer

I am hereby submitting to the Central Valley Water Board the following information:

### **Check all that apply:**

Technical Report Title and Date \_\_\_\_\_

Monthly Monitoring Report for the month of \_\_\_\_\_

Annual Monitoring Report for the year \_\_\_\_\_

### **Violation Notification:**

During the monitoring period, there were / were not (circle one) any violations of the WDRs.

1. The violations were:

2. Have the violations been corrected? Yes / No. If no, what will be done to correct the violations:

### **Certification Statement:**

*"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 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."*

Signature: \_\_\_\_\_ Phone: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Date: \_\_\_\_\_

### **Electronic Report Submittal:**

To submit the electronic reports please do the following:

1. First, make a PDF copy of your report and include this *form as the first page of the report.*
2. Attach the PDF file to the email.
3. Send the email and PDF attachment to [centralvalleysacramento@waterboards.ca.gov](mailto:centralvalleysacramento@waterboards.ca.gov)  
(Please note that in order to ensure your reports are cataloged correctly and routed to the appropriate Regional Board staff, only one report/attachment shall be included with each e-mail.)