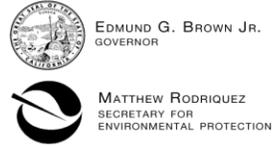




March 9, 2016
Item No. 7
Supporting Document No. 5



California Regional Water Quality Control Board, San Diego Region

February 10, 2016

Mr. Dan Brogadir
County of San Diego
5500 Overland Ave, Suite 315
San Diego, CA 92123

In reply refer to:
271519: ACali

Subject: Notice of Applicability for Order WQ 2014-0153-DWQ, William Heise County Park, Water Pollution Control Facility

Mr. Brogadir:

This Notice of Applicability (NOA) enrolls the discharge from William Heise County Park Water Pollution Control Facility in Order WQ 2014-0153-DWQ, *General Waste Discharge Requirements for Small Domestic Wastewater Treatment Systems* (General Order). A copy of the General Order is enclosed with this letter and is available online at:

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

The County of San Diego (hereafter “County” or “Discharger”) operates the Heise Park Water Pollution Control Facility (WPCF) and submitted a Report of Waste Discharge (ROWD, dated January 2015) requesting modification of Order No. 93-09, *Waste Discharge Requirements for the Heise Park Campground Plant, County of San Diego, Parks and Recreation Department*. The information in the ROWD indicates that the Heise Park WPCF is eligible for enrollment in the General Order. This information was confirmed during a site inspection of the Heise Park WPCF by California Regional Water Quality Control Board, San Diego Region (San Diego Water Board) staff on January 12, 2016. The effective date of enrollment of the discharge in the General Order will be the date the San Diego Water Board rescinds Order No. 93-09. The San Diego Water Board is scheduled to consider rescinding Order No. 93-09 at its meeting on March 9, 2016. The San Diego Water Board will notify you via email of the date enrollment in the General Order becomes effective.

1. FACILITY AND DISCHARGE DESCRIPTION

William Heise County Park (Heise Park) is a 929-acre park located at the northern extremity of the Laguna Mountain Range in San Diego County. Heise Park is located south of Julian off Highway 79, at the intersection of Pine Hills Road and Frisius Road. The location of Heise Park is shown on Enclosure 1, which is enclosed hereto and is made part of this NOA by reference.

The park includes a ranger station, trailer sites, cabins, restrooms with showers, a caravan camping area, individual tent sites, a group-tent camping area, a family picnic area, and a

wastewater treatment plant. Wastewater from the Heise Park facilities is directed to the Heise WPCF. The WPCF uses a package "Oxigest" extended aeration type sewage treatment plant. The main components of the Oxigest treatment system are a screening basket, aeration equipment, effluent trough, automatic hydraulic skimming system, rotary blowers complete with necessary motors and controls, blower drive belt guard, and all necessary internal piping. The WPCF is operated by the San Diego County Sanitation District. Wastewater flows are typically higher during weekend and summer periods than during offseason periods. Typical flows from the WPCF are significantly below the permitted capacity of the plant of 18,000 gpd, and averaged 1,500 gpd during 2013. Treated effluent from the WPCF is discharged into a storage basin and pumped to a percolation pond and spray irrigation bed for disposal. Spray irrigation operations have been abandoned and the abandonment was confirmed during an inspection on January 12, 2016. The treatment facility, percolation pond, and irrigation site are located within the Boulder Creek Hydrologic Area (907.40).

2. CALIFORNIA ENVIRONMENTAL QUALITY ACT

The proposed project is the enrollment of the Facility in the General Order. The Facility is not adding or changing any treatment process. As such this project is categorically exempt from the requirements of the California Environmental Quality Act as provided by title 14, California Code of Regulations (Cal. Code of Regs.), section 15301, and in compliance with title 14, Cal. Code Regs., section 15300.2,

3. SITE SPECIFIC REQUIREMENTS AND EFFLUENT LIMITS

The wastewater treatment operator must be familiar with the requirements contained in the General Order, this Notice of Applicability (NOA), and the Monitoring and Reporting Program (MRP) in Section 4 below.

The General Order contains prohibitions and specifications that apply to all wastewater systems, and specifications that apply only to specific treatment and/or disposal systems. In addition to the requirements that apply to all systems, the specific requirements and effluent limitations for the Heise Park WPCF wastewater treatment system are specified in Table 1, which is enclosed herein (Enclosure 4) and is made part of this NOA by reference.

a. Required Plans

Submit the following plans as described below:

- A *Spill Prevention and Emergency Response Plan* consistent with the requirements of General Order Provision E.1.a. to be received by the San Diego Water Board before **5:00 p.m. on June 9, 2016.**
- A *Sampling and Analysis Plan* consistent with the requirements of General Order Provision E.1.b to be received by the San Diego Water Board before **5:00 p.m. on June 9, 2016.**
- A *Sludge Management Plan* consistent with the requirements of General Order Provision E.1.c to be received by the San Diego Water Board before **5:00 p.m. on June 9, 2016.**

Upon approval of the plans by the San Diego Water Board, the Discharger shall implement the plans.

b. Applicable Requirements of the General Order

Ensure the discharge complies with the following conditions and sections of the General Order referenced below.

i. Flow Limitation

The annual average daily flow rate from the WPCF shall not exceed **6,000 gpd** and a daily maximum of **18,000 gpd**.

ii. Applicable Effluent Limitations

The discharge must comply with effluent limitations specified in Section D.1.a (see Table 4) of the General Order and Table 1 (see Enclosure 4).

iii. Setback Requirements

New discharges must maintain the applicable setbacks specified in Table 3 of the General Order. Existing facilities may not comply with the setback requirements. Such noncomplying sites may be permitted under this General Order if nuisance conditions do not result from the noncompliance. Expansion of a noncomplying wastewater system shall trigger further evaluation of the setbacks.

iv. Subsurface Disposal Systems

The discharge must comply with the requirements pertaining to subsurface disposal systems specified in Section B.6 of the General Order.

4. MONITORING AND REPORTING PROGRAM

The Discharger shall comply with the monitoring requirements below which are from the Monitoring and Reporting Program of the General Order.

- a. Submit quarterly and annual monitoring reports as specified in the reporting section of Attachment C (Information Sheet-Model Monitoring and Reporting Program) of the General Order. The first quarterly report due is the April-June 2016 quarterly report, which must be received by the San Diego Water Board on or before 5:00 pm on **August 1, 2016**. The first annual report due is the January-December 2016 annual report, which must be received by the San Diego Water Board on or before 5:00 pm on **March 1, 2017**.
- b. Conduct monitoring and submit monitoring results as specified in the sections of Attachment C of the General Order pertaining to, Aerobic Treatment Unit Monitoring, Recreational Vehicle Discharge Monitoring, Subsurface Disposal Systems, and Solids Disposal Monitoring.

- c. Collect effluent samples from a location that represents the effluent quality distributed to the disposal area as specified in Table 2 below and monitor the aerobic treatment unit with the inspection parameters specified in Table 3 below.

Table 2. Effluent Monitoring

Constituent	Units	Sample Type	Sample Frequency	Reporting Frequency
Flow Rate ^a	gpd	Meter	Continuous	Quarterly
Biological Oxygen Demand	mg/L ^b	Grab	Monthly	Quarterly
Total Suspended Solids	mg/L ^b	Grab	Monthly	Quarterly
pH	pH units	Grab	Monthly	Quarterly
Total Dissolved Solids	mg/L ^b	Grab	Monthly	Quarterly
Chloride	mg/L ^b	Grab	Monthly	Quarterly
Total Nitrogen	mg/L ^b	Grab	Monthly	Quarterly

Table Notes:

- a. At a minimum, the total flow shall be measured monthly to calculate the average daily flow for the month. Flow rates may be measured on influent or effluent flow.
- b. mg/L denotes milligrams per liter.

Table 3. Aerobic Treatment Unit Monitoring

Parameter	Units	Measurement Type	Inspection/Reporting Frequency
Sludge depth and scum thickness in each compartment of each tank	Feet	Staff Gauge	Quarterly
Distance between bottom of scum layer and bottom of outlet device	Inches	Staff Gauge	Quarterly
Distance between top of sludge layer and bottom of outlet device	Inches	Staff Gauge	Quarterly
Effluent filter condition (if equipped, clean as needed)	NA	NA	Quarterly

- d. Monitor the effluent for constituents of concern related to recreational vehicles specified in Table 4 below.

Table 4. Recreational Vehicle Discharge Monitoring

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

Table Notes:

mg/L denotes milligrams per liter.

- e. Monitor the groundwater for the following parameters specified in Table 5 below.

Table 5. Groundwater Monitoring

Constituent	Units	Sample Type	Sample Frequency	Reporting Frequency
Total Dissolved Solids	mg/L	Grab	Annual	Annual
Chloride	mg/L	Grab	Annual	Annual
Sulfate	mg/L	Grab	Annual	Annual
Total Nitrogen	mg/L	Grab	Annual	Annual

Table Notes:

mg/L denotes milligrams per liter.

5. ENFORCEMENT

Please review this NOA carefully to ensure that it completely and accurately reflects the discharge. If the discharge violates the terms or conditions listed in the NOA or the General Order, the San Diego Water Board may take enforcement action, including assessment of administrative civil liability. Prior to allowing changes to the wastewater strength or generation rate, or if the method of waste disposal changes from that described in the ROWD, you must contact the San Diego Water Board to determine if submittal of a new or revised ROWD is required.

The County will generate the waste subject to the terms and conditions of the General Order and will maintain exclusive control over the discharge. As such, the County is primarily responsible for compliance with this General Order and this NOA.

Failure to comply with the requirements in the General Order or in this NOA, could result in an enforcement action as authorized by provisions of the Water Code. Discharges of wastes other than those described in the ROWD are prohibited.

6. ANNUAL FEES & SAN DIEGO WATER BOARD CONTACT INFORMATION

The discharge has a threat to water quality and complexity rating of 2-B. The annual fee corresponding to a threat to water quality and complexity of 2-B can be found using the current fee schedule;¹ however, based on the flow rate, the discharge qualifies for the 50-percent fee

¹ http://www.waterboards.ca.gov/resources/fees/water_quality/

discount. The fee is due and payable on an annual basis until enrollment in the General Order is formally terminated. To terminate enrollment, you must provide written notice if the wastewater discharge ceases so that the San Diego Water Board may terminate enrollment and avoid unnecessary billing.

Please review the conditions specified in this NOA and applicable sections of the General Order and notify the San Diego Water Board if for any reason the discharge is not able to comply with any of the conditions specified in this NOA or the General Order.

Please submit all future reports to the San Diego Water Board by email. The email submittals must include a signed cover/transmittal letter (with the facility name, facility contact information, and reference code: **271519:ACali**), and be sent via email to sandiego@waterboards.ca.gov. Routine email correspondence may be sent directly to individual San Diego Water Board staff members.

Documents that are 50 megabytes or larger should be transferred to a disk and mailed to the San Diego Water Board. For more extensive information provided in Reports of Waste Discharge (ROWDs) and/or large documents; the San Diego Water Board staff may request that specific individual items such as appendices to large/complex technical reports and/or large drawings, grading plans, or maps continue to be provided in paper format.

If you have any specific questions about email submittal procedures please contact Ms. Cleo Munoz in the Mission Support Unit, at 619-521-3384 or via email at cleo.munoz@waterboards.ca.gov.

Respectfully,



David W. Gibson
Executive Officer

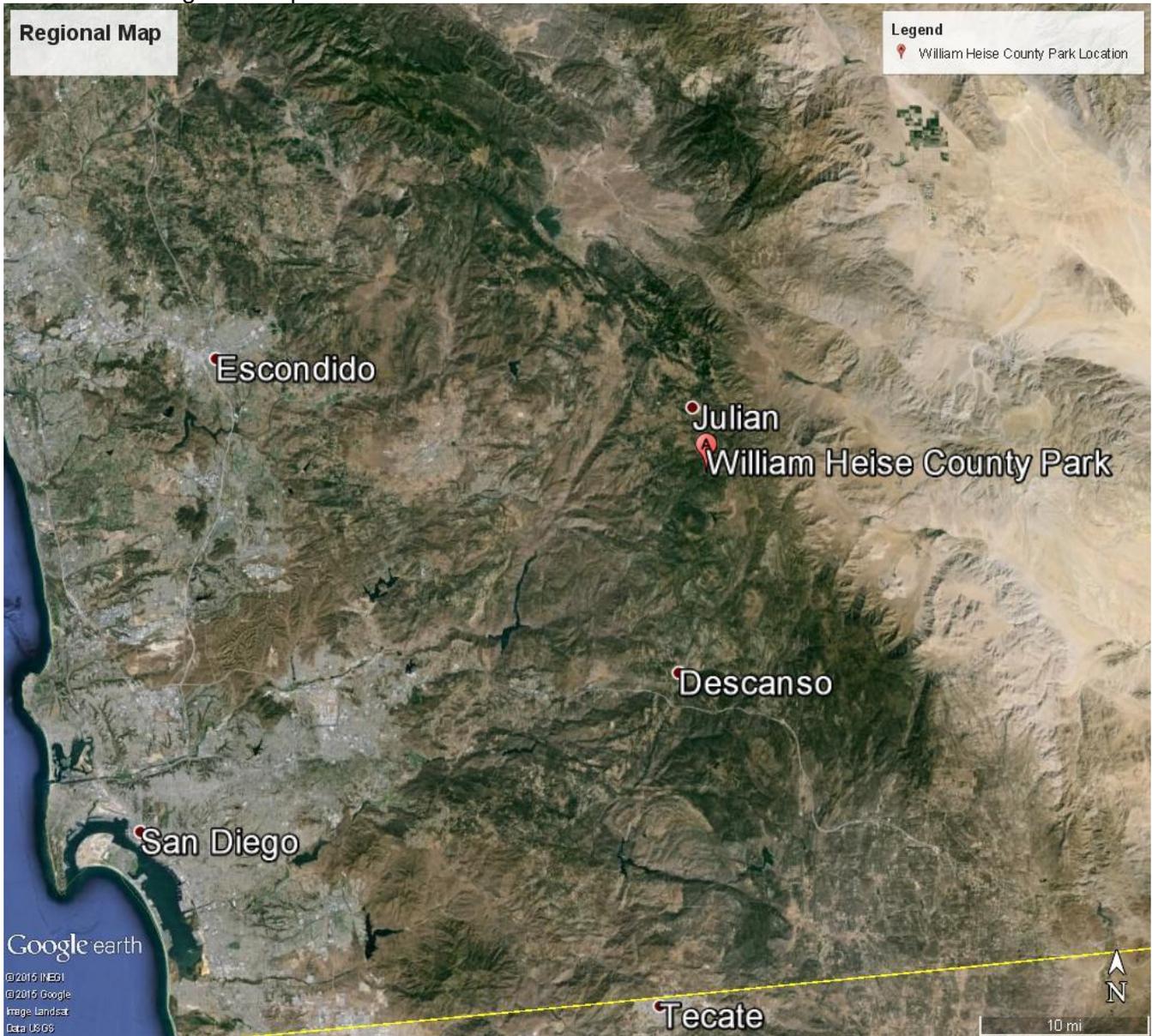
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Enclosures:

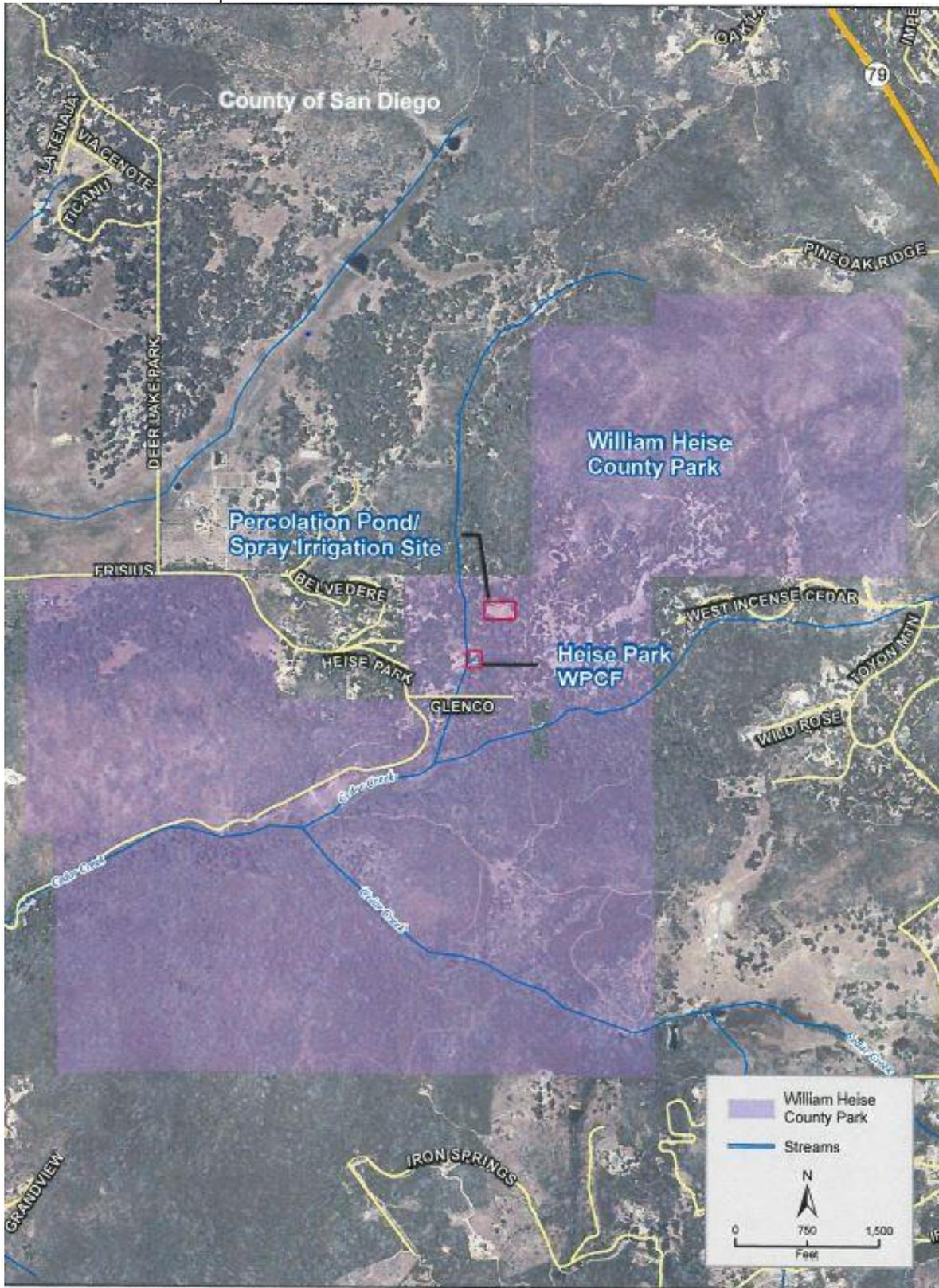
1. Regional Map
2. Site Map
3. Process Flow Schematic for Heise Park WPCF
4. Table 1- Summary of General Order Requirements
5. Copy of General Waste Discharge Requirements for Small Domestic Wastewater Treatment Systems

CIWQS INFO	
Place ID	271519
Party ID	11763
Regulatory Measure ID	142439

Enclosure 1: Regional Map



Enclosure 2: Site Map



Enclosure 3: Process Flow Schematic for Heise Park WPCF

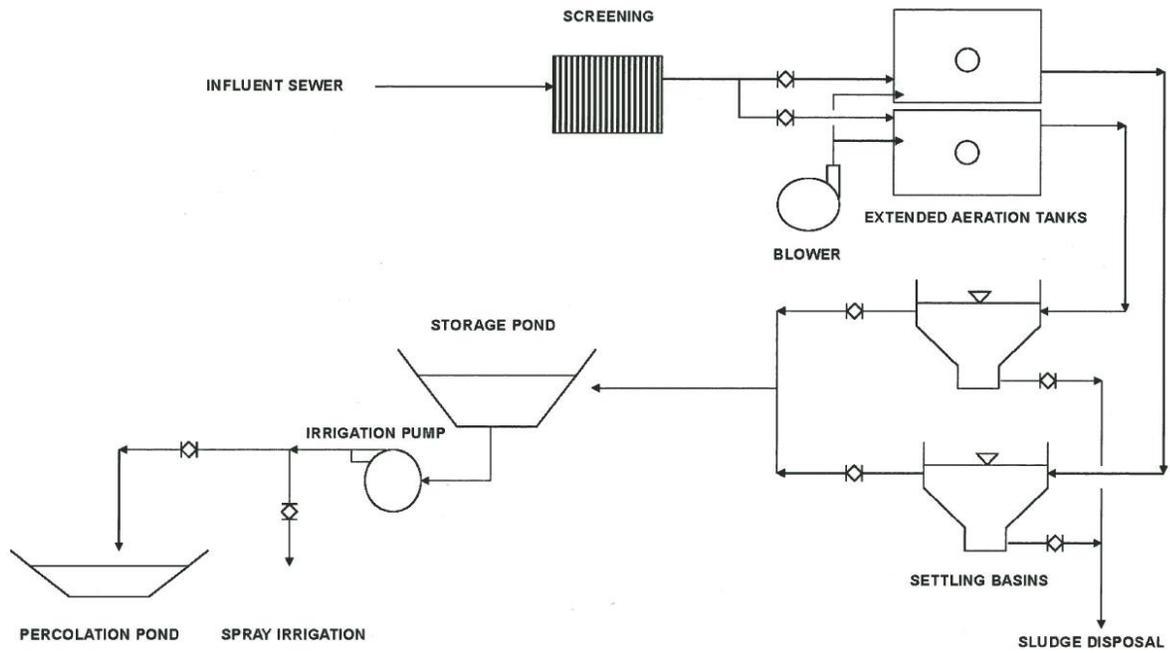


TABLE 1 SUMMARY OF GENERAL ORDER REQUIREMENTS

General Order Section	Page	Numeric Limit	Requirement (refer to General Order and NOA for details)
A. PROHIBITIONS			
A.1-A.11	15	--	Prohibitions
B. REQUIREMENTS BY WASTEWATER SYSTEM TYPE			
B.1a-B.1.1	16	--	All Wastewater Systems.
B.1.a	16	6,000 gpd annual average/ 18,000 gpd daily maximum	Wastewater Flow Limit (measured at headworks).
B.3.a-B.3.g	21	--	Aerobic Treatment Units
C. GROUNDWATER AND SURFACE WATER LIMITATIONS			
C.1	27	--	Refer to General Order section.
D. EFFLUENT LIMITATIONS			
Activated Sludge, MBR, or similar			
D.1.a	28	30/45 mg/L	Five Day Biochemical Oxygen Demand (BOD ₅) (refer to General Order Table 4 for averaging allowances).
D.1.a	28	30/45 mg/L	Total Suspended Solids (TSS) (refer to General Order Table 4 for averaging allowances).
E. PROVISIONS			
Technical Report Preparation Requirements (list the reports below as appropriate)			
E.1.a	28	Submit and	Spill Prevention and Emergency Response Plan.
E.1.b	29	maintain on-site.	Sampling and Analysis Plan.
E.2.h	32	Maintain on-site.	A copy of NOA and General Order.