California Regional Water Quality Control Board, San Diego Region

July 1, 2016

In reply refer to:
249207: oosibodu

Deacon Paul Davidson
Prince of Peace Abbey
650 Benet Hill Rd
Oceanside, CA 92058

Subject: Notice of Applicability for Order WQ 2014-0153-DWQ, Prince of Peace Onsite Wastewater Treatment System

Mr. Davidson:

This Notice of Applicability (NOA) enrolls the Prince of Peace Abbey onsite wastewater treatment system (OWTS) in Order WQ 2014-0153-DWQ, *General Waste Discharge Requirements for Small Domestic Wastewater Treatment Systems* (General Order). The Prince of Peace Abbey (hereafter POPA or Discharger) is required to comply with the requirements specified in this NOA and all applicable requirements in the General Order. A copy of the General Order is enclosed with this NOA and is available online at:

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

The OWTS at the POPA consists of a septic tank and two oxidation ponds, however, the septic tank cannot be located and it is unclear if it the septic tank is still functioning. The discharge is regulated under Order No. 86-24, *Waste Discharge Requirements for the Discharge of Domestic Wastewater from the Prince of Peace Abbey, Oceanside, San Diego County*. The oxidation ponds have not been modified since 1986 when Order No. 86-24 was adopted. The California Regional Water Quality Control Board, San Diego Region (San Diego Water Board) notified the POPA that the OWTS was not in compliance with current regulatory requirements. Board staff recommended that the POPA either upgrade the OWTS or connect to the City of Oceanside's sanitary sewer system. As a result, the POPA submitted a Report of Waste Discharge (ROWD), dated December 1, 2015, proposing upgrades to the OWTS. The proposed upgrades described in the ROWD qualify the OWTS for enrollment in the General Order. Therefore, the San Diego Water Board will not revise Order No. 86-24, but instead, enroll the OWTS in the General Order as stated above.

The San Diego Water Board is scheduled to consider rescinding Order No. 86-24 at its meeting on August 10, 2016. Enrollment in the General Order will be effective on August 10, 2016, or after rescission of Order No. 86-24 (whichever occurs first).

1. FACILITY AND DISCHARGE DESCRIPTION

The POPA is a monastery located off Highway 76, at 650 Benet Hill Road in Oceanside, California. The facilities at the POPA include a church, living quarters for the monks, a retreat center, a visitor's center and gift shop, an administration building and infirmary, kitchens and dining facilities, etc. The OWTS serving the facilities consists of a septic tank and two oxidation ponds, however, the septic tank cannot be located and it is unclear if it the septic tank is still functioning. The POPA and the OWTS are located within the Mission Hydrologic Subarea (903.11) of the Lower San Luis Rey Hydrologic Area (903.10).

The ROWD describes proposed upgrades to the existing OWTS. The proposed OWTS described in the ROWD consists of a 10,000-gallon capacity septic tank followed by a subsurface flow wetlands treatment system. The existing oxidation ponds will be converted to subsurface flow wetlands. The ROWD estimates an average flow to the OWTS of 5,070 gallons per day (gpd), and a peak flow of 8,759 gpd.

2. CALIFORNIA ENVIRONMENTAL QUALITY ACT

The proposed project consists of enrollment of the facility in the General Order, and will involve replacement and reconstruction of existing wastewater treatment facilities. As such, this project is categorically exempt from the requirements of the California Environmental Quality Act (CEQA) pursuant to title 14, California Code of Regulations (Cal. Code Regs.), section 15301, and in compliance with title 14, Cal Code Regs., section 15300.2.

3. SITE SPECIFIC REQUIREMENTS

The operator of the OWTS 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 treatment systems, and specifications that apply only to specific treatment and/or disposal systems. The POPA shall comply with the following specific requirements below:

a. Required Technical Reports/Plans

The POPA shall submit the following plans as described below:

i. 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 by 5:00 p.m. on November 11, 2016.

ii. 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 by 5:00 p.m. on November 11, 2016.

iii. A Sludge Management Plan consistent with the requirements of General Order Provision E.1.c to be received by the San Diego Water Board by 5:00 p.m. on November 11, 2016.

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

b. Applicable Requirements of the General Order

i. Flow Limitation

The average monthly flow to the OWTS shall not exceed 5,100 gallons per day (gpd), while the daily flow to the OWTS shall not exceed 8,800 gpd.

ii. Setback Requirements

New discharges must maintain the applicable setbacks specified in Table 3 of the General Order.

4. MONITORING AND REPORTING PROGRAM

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

a. Submit quarterly and annual monitoring reports as specified in Sections A and B of Attachment C (Information Sheet- Model Monitoring and Reporting Program) to the General Order. The first quarterly report due is the October-December 2016 quarterly report, which must be submitted to the San Diego Water Board by 5:00 p.m. on February 1, 2017. The first annual report due is the January-December 2016 annual report, which must be submitted to the San Diego Water Board by 5:00 p.m. on March 1, 2017.

b. The POPA shall collect effluent samples from the subsurface flow wetlands systems as described in Table 1:

Table 1. Effluent Monitoring

Constituent	Units	Sample Type	Sample Frequency[b,c]	Reporting Frequency[c,d]
Flow Rate[a]	gpd	Meter	Continuous	Quarterly
Biological Oxygen Demand (BOD)	mg/L	Grab	Monthly	Quarterly
Total Suspended Solids	mg/L	Grab	Monthly	Quarterly
pH	pH units	Grab	Monthly	Quarterly
Total Nitrogen	mg/L	Grab	Monthly	Quarterly
Sulfate	mg/L	Grab	Annually	Annually
Chloride	mg/L	Grab	Annually	Annually
Total Dissolved Solids	mg/L	Grab	Annually	Annually

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. Monthly is defined as a calendar month.
c. Annually is defined as a period of 12 consecutive calendar months beginning on January 1.
d. Quarterly is defined as a period of three consecutive calendar months beginning on January 1, April 1, July 1, or October 1.

c. The subsurface wetlands shall be monitored as specified below:

Table 2. Subsurface Wetlands Monitoring

Constituent	Units	Sample Type	Sample Frequency[a,b]	Reporting Frequency[b]
Freeboard	0.1 feet	Measurement	Monthly	Quarterly
Odors	--	Observation	Quarterly	Quarterly
Berm Condition	--	Observation	Quarterly	Quarterly

Table Notes:

a. Monthly is defined as a calendar month.
b. Quarterly is defined as a period of three consecutive calendar months beginning on January 1, April 1, July 1, or October 1.

d. Monitoring of the septic tanks shall include the following:

Table 3. Septic Tank Monitoring

Parameter	Units	Measurement Type	Inspection/Reporting Frequency[a]
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)	Not Applicable	Not Applicable	Quarterly

Table Notes:

a. Quarterly is defined as a period of three consecutive calendar months beginning on January 1, April 1, July 1, or October 1.

Septic tanks shall be pumped when any one of the following conditions exists:

i. The combined thickness of sludge and scum exceeds one-third of the tank depth of the first compartment.

ii. The scum layer is within 3 inches of the outlet device.
iii. The sludge layer is within 8 inches of the outlet device.

If a septic tank is pumped during the year, the pumping report shall be submitted with the annual report. All pumping reports shall be submitted with the next regularly scheduled monitoring report. At a minimum, the record shall include the date, nature of service, service company name, and service company license number.

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 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 POPA is primarily responsible for compliance with the 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 AND SAN DIEGO WATER BOARD CONTACT INFORMATION

The discharge has a threat to water quality and complexity rating of 3-C. The annual fee corresponding to a threat to water quality and complexity of 3-C can be found using the current fee schedule,[1] however, based on the flow rate, the discharge qualifies for the 50-percent fee discount. The first annual fee for this discharge is therefore $1,709.50. The fee is due and payable on an annual basis until enrollment in the General Order is formally terminated. If the wastewater discharge ceases, you must provide written notice to enable the San Diego Water Board to terminate enrollment and 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 monitoring reports and documents required by the General Order 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

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

code **249207**:**oosibodu**. Monitoring reports, documents, and other email submittals must be sent to sandiego@waterboards.ca.gov. Routine email correspondence may be sent directly to individual 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 larger documents, the 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 specific questions about email submittal procedures, please contact Ms. Cleo Muniz of our Mission Support Services Unit at 619-521-3384, or via email at Cleo.Muniz@waterboards.ca.gov.

Please contact Mr. Fisayo Osibodu at 619-521-8036 or via email at Olufisayo.Osibodu@waterboards.ca.gov if you have any questions or comments.

Respectfully,

David W. Gibson
Executive Officer

DG:jgs: jac:jro:oo

Enclosure:

Order WQ 2014-0153-DWQ, *General Waste Discharge Requirements for Small Domestic Wastewater Treatment Systems*

cc w/o enclosure: Ms. Barbara Bradley; Advanced Onsite Systems; barbara.bradley@advancedonsitewater.com

Mr. Eric Klein; County of San Diego Department of Environmental Health; Eric.Klein@sdcounty.ca.gov

Mr. Mo Lahsaie; City of Oceanside; mlahsaie@ci.oceanside.ca.us

CIWQS INFO	
Place ID	249207
Party ID	34907
Regulatory Measure ID	398403