

**STATE OF CALIFORNIA  
LOS ANGELES REGIONAL WATER QUALITY CONTROL BOARD**

**MONITORING AND REPORTING PROGRAM NO. CI-10607  
FOR  
ADVANCED ONSITE WASTEWATER TREATMENT SYSTEM  
ORDER NO. R4-2019-0024 (SERIES NO. 024)  
FILE NO. 21-030**

**I. REPORTING REQUIREMENTS**

A. The effective date of this Monitoring and Reporting Program (MRP) No. CI-10607 is October 25, 2021. Mr. Paul Nelson (hereinafter Permittee) shall implement this MRP immediately for the discharge from the Permittee’s Advanced Onsite Wastewater Treatment System (Advanced OWTS). The first quarterly monitoring report is due January 30, 2022.

Quarterly monitoring reports shall be received by the dates specified in Table 1.

**Table 1. Quarterly Monitoring Reporting Period and Due Date**

<b>Reporting Period</b>	<b>Reporting Due</b>
January – March	April 30
April – June	July 30
July – September	October 30
October – December	January 30

B. In reporting the monitoring data, the Permittee shall arrange the data in tabular form so that the date, the constituents, and the concentrations are readily discernible. The data shall be summarized to demonstrate compliance with the requirements and, where applicable, shall include results of receiving water observations.

C. Any mitigation/remedial activity including any pre-discharge treatment conducted at the site must be reported in the quarterly monitoring report.

D. If there is no discharge during any reporting period, the report shall so state.

E. Each quarterly monitoring report shall contain a separate section titled “Summary of Non-Compliance” located at the front of the report. This section shall clearly list all non-compliance with the Waste Discharge Requirements (WDRs), including any excursion(s) of effluent and receiving groundwater limitations. Fore every item

where the requirements were not met, the Permittee shall include a statement of the cause(s) of non-compliance and the corrective actions undertaken or proposed that will bring the discharge into full compliance with the WDRs at the earliest possible time, including a timetable for implementation of those actions.

- F. By January 30<sup>th</sup> of each year, beginning January 30, 2022, the Permittee shall submit an annual summary report to the Los Angeles Regional Water Quality Control Board (Regional Water Board). The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous calendar year. In addition, the Permittee shall explain the compliance record and the corrective actions taken or planned, which may be needed to bring the discharge into full compliance with the WDRs.
- G. Laboratory analyses – all chemical, bacteriological, and/or toxicity analyses shall be conducted at a laboratory certified for such analyses by the State Water Resources Control Board, Division of Drinking Water (SWRCB-DDW) Environmental Laboratory Accreditation Program (ELAP). A copy of the laboratory certifications shall be provided each time a new analysis is used and/or renewal is obtained from ELAP.
- H. The method limits (MLs) employed for effluent analyses shall be lower than the permit limits established for a given parameter, unless the Permittee can demonstrate that a particular ML is not attainable and obtains approval for a higher ML from the Executive Officer. At least once a year, the Permittee shall submit a list of the analytical methods employed for each test and the associated laboratory quality assurance/quality control (QA/QC) procedures.
- I. Water/wastewater samples must be analyzed within allowable holding time limits as specified in 40 CFR Part 136.3. All QA/QC samples must be run on the same dates when samples were actually analyzed. The Permittee shall make available for inspection and/or submit the QA/QC documentation upon request by Regional Water Board staff. Proper chain of custody procedures must be followed and a copy of the chain of custody documentation shall be submitted with the report.
- J. Each monitoring report must affirm in writing that “All analyses were conducted at a laboratory certified for such analyses by the SWRCB-DDW ELAP, and in accordance with current United States Environmental Protection Agency (USEPA) guideline procedures or as specified in this Monitoring Program.” Proper chain of custody procedures must be followed and a copy of the completed chain of custody form shall be submitted with the report.
- K. The Permittee shall maintain all sampling and analytical results, including strip charts, date, exact place, and time of sampling, dates analyses were performed, analyst’s name, analytical techniques used, and results of all analyses. Such

records shall be retained for a minimum of three years. This period of retention shall be extended during the course of any unresolved litigation regarding this discharge, or when requested by the Regional Water Board.

L. All monitoring reports must include, at minimum, the following:

1. Well or location identification, date and time of sampling; and
2. Sampler identification, laboratory identification; and chain of custody.

M. The Permittee shall include the start-up date of the Advanced OWTS in the quarterly monitoring report when the first effluent samples are collected.

## **II. ADVANCED ONSITE WASTEWATER TREATMENT AND DISPOSAL SYSTEM MONITORING REQUIREMENTS**

A. Maintenance reporting: The Permittee shall annually submit an operation and maintenance report for the Advanced OWTS. The information to be contained in the report shall include, at a minimum, the following:

1. The name and address of the person or company responsible for the operation and maintenance of the Advanced OWTS;
2. Type of maintenance (preventive or corrective action performed);
3. Frequency of maintenance, if preventive;
4. Any pumping required for the Advanced OWTS, including date(s) and volume(s); and
5. Maintenance records for the Advanced OWTS.

B. Influent monitoring reports shall measure the monthly average and daily maximum wastewater flow from the collection system to the Advanced OWTS.

C. An effluent sampling station shall be established at a location where representative samples of treated effluent can be obtained prior to discharge to the seepage pit and/or leach field disposal/subsurface drip irrigation system. Monitoring shall be conducted as described in the table below. The following shall constitute the effluent monitoring program, as specified in Table 2.

D. A grab sample is an individual sample collected in a short period of time not exceeding 15 minutes. Grab samples shall be collected during normal peak loading conditions for the parameter of interest, which may or may not be during hydraulic peaks.

E. Frequency of Analysis – The effluent shall be sampled monthly for the first 3 months after start-up of the Advanced OWTS and quarterly thereafter except for the total flow in Table 2 below.

**Table 2. Effluent Monitoring Requirements for the Advanced OWTS**

<b>Constituent</b>	<b>Unit</b>	<b>Type of Sample</b>	<b>Frequency of Analysis</b>
Total flow	gallons per day	Recorder	Continuous
pH	standard unit	Grab	Monthly/Quarterly
Biochemical oxygen demand (5-day BOD)	mg/L	Grab	Monthly/Quarterly
Oil and grease	mg/L	Grab	Monthly/Quarterly
Total dissolved solids	mg/L	Grab	Monthly/Quarterly
Sulfate	mg/L	Grab	Monthly/Quarterly
Chloride	mg/L	Grab	Monthly/Quarterly
Boron	mg/L	Grab	Monthly/Quarterly
Ammonia as nitrogen	mg/L	Grab	Monthly/Quarterly
Nitrate as nitrogen	mg/L	Grab	Monthly/Quarterly
Nitrite as nitrogen	mg/L	Grab	Monthly/Quarterly
Total nitrogen	mg/L	Grab	Monthly/Quarterly
Total coliform	MPN/100mL	Grab	Monthly/Quarterly
Fecal coliform	MPN/100mL	Grab	Monthly/Quarterly

Notes: mg/L = milligrams per liter; MPN/100 mL = most probable number per 100 mL

### **III. GROUNDWATER MONITORING PROGRAM**

Groundwater monitoring program is not required at this time. In the future, the Executive Officer may determine that a groundwater monitoring program is needed to fully evaluate the impact from your wastewater discharge in groundwater.

### **IV. WASTE HAULING REPORTING**

In the event that waste sludge or other wastes are hauled offsite, the name and address of the hauler shall be reported, along with types and quantities hauled during the reporting period and the location of the final point of disposal. In the event that no wastes are hauled during the reporting period, a statement to that effect shall be submitted.

**V. MONITORING FREQUENCIES**

Specifications in this monitoring program are subject to periodic revision. Monitoring requirements may be modified or revised by the Executive Officer based on review of monitoring data submitted pursuant to this MRP. Monitoring frequencies may be adjusted to a less frequent basis or parameters and locations dropped from the MRP by the Executive Officer if the Permittee makes a request and the request is backed by statistical trends of monitoring data submitted.

**VI. ELECTRONIC SUBMITTAL OF INFORMATION**

The Permittee shall comply with the Electronic Submittal of Information (ESI) requirements by submitting all reports required under the MRP, discharge location coordinate data, and monitoring reports in Portable Document Format (pdf) to the State Water Resource Control Board GeoTracker database under Global ID WDR100053609.

**VII. CERTIFICATION STATEMENT**

Each report shall contain the following completed declaration:

“I certify under penalty of law that this document, including all attachments and supplemental information, was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment.

Executed on the \_\_\_\_\_ day of \_\_\_\_\_ at \_\_\_\_\_

\_\_\_\_\_ (Signature)

\_\_\_\_\_ (Title)”

These records and reports are public documents and shall be made available for inspection during normal business hours at the office of the California Regional Water Quality Control Board, Los Angeles Region.

Ordered by

Date: October 25, 2021

Renee Purdy  
Executive Officer