
Los Angeles Regional Water Quality Control Board

August 4, 2021

Mr. Ian Wade
14554 Gallaudet Place
Pacific Palisades, CA 90272
iwade@littler.com

GENERAL WASTE DISCHARGE REQUIREMENTS FOR AN ADVANCED ONSITE WASTEWATER TREATMENT SYSTEM AT THE WADE RESIDENCE, 14554 GALLAUDET PLACE, PACIFIC PALISADES, CALIFORNIA 90272 (FILE NO. 21-036, WDR ORDER NO. R4-2019-0024, SERIES NO. 021, CI-10602, GLOBAL ID WDR100053712)

Dear Mr. Wade:

The Los Angeles Regional Water Quality Control Board (Regional Water Board) is the public agency with primary responsibility for the protection of ground and surface water quality for all beneficial uses of water within major portions of Los Angeles and Ventura Counties. The subject property is within the Regional Water Board jurisdiction.

SUMMARY OF TECHNICAL REPORTS

On April 20, 2021, the Regional Water Board received your application for Waste Discharge Requirements (WDRs). You propose to install an advanced onsite wastewater treatment system (OWTS) to treat wastewater at the Wade Residence (Site) located at 14554 Gallaudet Place in Pacific Palisades, California 90272 (Figure 1).

The Site is a 0.281-acre lot with four existing bedrooms in a one-story building and discharges wastewater from three bathrooms, a kitchen, and a laundry room to a 1,000-gallon underground septic tank and a seepage pit located in the backyard of the property.

The proposed project includes improvement of the existing dwelling structure with the addition of a 2nd floor to the one-story building, installation of an advanced OWTS, and abandonment of the existing septic tank and the seepage pit. After the renovation, the Site will have seven bedrooms with six bathrooms and the advanced OWTS with two seepage pits and one future seepage pit (Figure 2).

The advanced OWTS consists of a 3,634-gallon biological treatment tank, effluent particulate filters, an ultraviolet (UV) disinfection unit, two seepage pit, and one future seepage pit. Each of the new seepage pits will be 6 feet in diameter and screened from 25 to 55 below ground surface (bgs). The design capacity of the advanced OWTS is 1,200

gallons per day (gpd). The estimated flowrate is 1,050 gpd (7 bedrooms x 150 gpd per bedroom). The maximum daily discharge flowrate shall not exceed 1,200 gpd.

Results of the percolation test performed at the Site in March 2020 indicated that the percolation rate at the Site is between 17.1 and 18.2 gallons per square feet per day (gal/sq.ft./day). The City of Los Angeles requires that any sites that have a percolation greater than 5.12 gal/sq.ft./day shall install an advanced OWTS and shall be referred to the Los Angeles Regional Water Quality Control Board to obtain WDRs.

Summary of Regional Water Board Review and Requirements

You are required to obtain WDRs because the geological conditions at the Site cannot be covered by the Conditional Waiver of Waste Discharge Requirements in the *Water Quality Control Policy for Siting, Design, Operation, and Maintenance of Onsite Wastewater Treatment Systems* (OWTS Policy), adopted by the State Water Resources Control Board on June 19, 2012 and amended on April 17, 2018.

Regional Water Board staff has reviewed the information submitted and has determined that the proposed discharge meets the conditions specified in General WDRs Order No. R4-2019-0024, *General Waste Discharge Requirements for Advanced Wastewater Treatment Systems*, adopted by the Regional Water Board on February 14, 2019.

The Site discharges to the Coastal Plain of Los Angeles-Santa Monica Basin (Basin). Consistent with Table 2 of the Order, the effluent limitation for total dissolved solids is 1,000 milligrams per liter (mg/L), for sulfate is 250 mg/L, for chloride is 200 mg/L, for boron is 0.5 mg/L, and for nitrogen is 10 mg/L as nitrate-nitrogen plus nitrite-nitrogen based on the groundwater quality objectives for the Basin. The advanced OWTS at the Site is considered a secondary treatment system. Therefore, total coliform in the effluent shall not exceed 23 and 240 MPN/100 mL as a monthly average and weekly average, respectively. Since there is no chlorination, effluent limitations for total residual chlorine and chlorination by-product limitations specified in Section III.C.3 are not applicable.

Enclosed are your General WDRs, consisting of Order No. R4-2019-0024, Monitoring and Reporting Program (MRP) No. CI-10602, and Standard Provisions Applicable to WDRs (Attachment E of the Order). Based on the location of the Site and anticipated performance of the proposed advanced OWTS, the requirements specified in WDRs Order No. R4-2019-0024, including effluent quality limitations specified in Section III and numeric limitations in Table 2, are applicable to your discharge. At this time, the groundwater limitations specified in Section IV.B (Table 4) are not applicable to your discharge, and therefore, groundwater monitoring is not required.

Should changes affecting the operations of the advanced OWTS at the Site be needed, revised engineering drawings showing the change must be filed with the Regional Water Board a minimum of thirty days prior to the change. You must receive approval from the Regional Water Board prior to making any changes to the Site.

The attached MRP requires you to implement the monitoring program on the effective date of coverage under this permit. When submitting monitoring or technical reports to the Regional Water Board per these requirements, please include a reference to

“Compliance File No. CI-10602”, which will ensure that the reports are directed to the appropriate file and staff. Also, please do not combine other reports with your monitoring reports. Submit each type of report as a separate document.

You shall comply with the Electronic Submittal of Information (ESI) requirements by submitting all reports required under the MRP, including monthly water usage, and pdf format monitoring reports to the State Water Resources Control Board GeoTracker database under Global ID WDR100053712.

Please see Paperless Office Notice for GeoTracker Users, dated December 21, 2011 for further details at: [Paperless Office for GT Users.pdf \(ca.gov\)](http://www.waterboards.ca.gov/losangeles/resources/Paperless/Paperless%20Office%20for%20GT%20Users.pdf) (<http://www.waterboards.ca.gov/losangeles/resources/Paperless/Paperless%20Office%20for%20GT%20Users.pdf>)

Should you sell or transfer this property, you are required to disclose the terms of the waste discharge requirements to the new property owner and submit the enclosed Board Order Transfer Request Form signed by the new owner with your written request for termination of enrollment under the General WDRs.

To avoid paying future annual fees, please submit a written request for termination of your enrollment under the General WDRs in a separate letter if your Site is connected to a sewer system and the permit is no longer needed or ownership of the property has changed. Be aware that the annual fee covers the fiscal year billing period beginning July 1 and ending June 30, the following year. You will pay the full annual fee if your request for termination is made after the beginning of the new fiscal year beginning July 1.

If you have any additional questions, please contact the Project Manager, Dr. Woonhoe Kim, at (213) 620-2264 (woonhoe.kim@waterboards.ca.gov) or the Chief of Groundwater Permitting Unit, Dr. James Kang, at (213) 576-6684 (jim.kang@waterboards.ca.gov).

Sincerely,

 Digitally signed by R Purdy
Date: 2021.08.03 15:41:14
Water Boards

Renee Purdy
Executive Officer

Enclosures:

1. General WDR [Order No. R4-2019-0024](#)
2. Monitoring and Reporting Program No. CI-10602
3. Attachment E - Standard Provisions Applicable to WDRs
4. Board Order Transfer Request Form

cc (via email):

Dr. Andrew Sheldon, EPD Consultants, Inc., asheldon@epd-net.com
Mr. Pedram Rahimikian, Geolotech, Inc., info@geolotech.com

Mr. Ian Wade
14554 Gallaudet Place Residence

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August 4, 2021

Mr. Dan Ryan Evangelista, City of Los Angeles Department of Building
and Safety, dan.evangelista@lacity.org
Mr. Fahrudin (Dean) Zulcic, Los Angeles County Department of Public
Health, fzulcic@ph.lacounty.gov



Figure 1. Location of the 14554 Gallaudet Place Residence

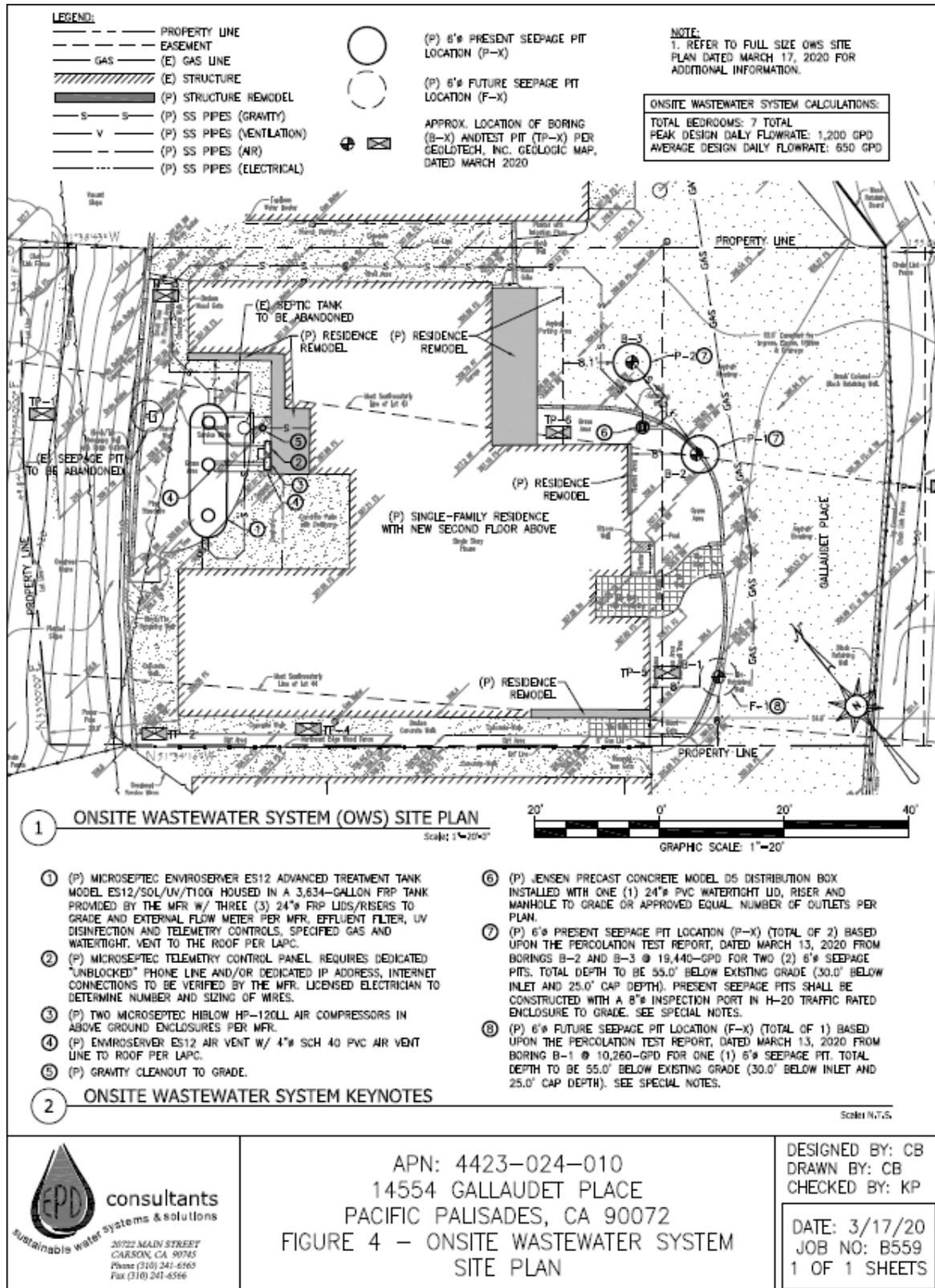


Figure 2. Site Plan of the Single-Family Residence and Advanced Onsite Wastewater Treatment System

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

**MONITORING AND REPORTING PROGRAM NO. CI-10602
FOR
ADVANCED ONSITE WASTEWATER TREATMENT SYSTEM
AT 14554 GALLAUDET PLACE, PACIFIC PALISADES, CALIFORNIA 90272**

**ORDER NO. R4-2019-0024 (SERIES NO. 021)
FILE NO. 21-036**

I. REPORTING REQUIREMENTS

- A. The effective date of this Monitoring and Reporting Program (MRP) No. CI-10602 is August 4, 2021. Mr. Ian Wade (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 October 30, 2021.

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

Table 1. Quarterly Monitoring Reporting Period and Due Date

Reporting Period	Reporting Due
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. For 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 30th 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

N. 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.

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

P. 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.

Q. 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.

R. 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

Constituent	Unit	Type of Sample	Frequency of Analysis
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 WDR100053712.

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 **R Purdy**  Digitally signed by R Purdy
Date: 2021.08.03 15:40:55 -07'00'
Renee Purdy
Executive Officer

Date: August 4, 2021

