



Los Angeles Regional Water Quality Control Board

September 19, 2019

Mr. Sal Lahoud
1860 Blue Heights Drive
Los Angeles, CA 90069

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
CLAIM NO. 7018 1830 0001 5952 8187

GENERAL WASTE DISCHARGE REQUIREMENTS FOR ADVANCED ONSITE WASTEWATER TREATMENT SYSTEMS – SAL LAHOUD RESIDENCE, 1860 BLUE HEIGHTS DRIVE, LOS ANGELES, CALIFORNIA 90069 (FILE NO. 18-113, WDR ORDER NO. R4-2019-0024, SERIES NO. 007, CI-10496, GLOBAL ID WDR100040378)

Dear Mr. Lahoud:

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 Sal Lahoud Residence (Facility) located at 1860 Blue Heights Drive, Los Angeles, California, is within the Regional Water Board's jurisdiction.

Per the Report of Waste Discharge submitted to the Regional Water Board and our inspection of the site on July 19, 2019, the property is currently a 1,531-square foot single-story house with three bedrooms, two bathrooms, a kitchen, a living room, and a dining room. The owner plans to add two stories to the house and expand the size of the house to 4,835 square feet. The remodeled house will have five bedrooms, four full bathrooms, two half bathrooms (powder rooms), a kitchen, a dining room, a living room, a library, a lounge, a mechanical room, and a 2-car garage.

Domestic wastewater from the house is discharged to an existing 750-gallon septic tank and two 6-foot diameter by 27.5-foot deep seepage pits. After the addition of the two stories to the house, the existing septic tank and seepage pits will be replaced by a new 3,634-gallon advanced treatment tank (MicroSepTec Enviroserver ES12/SOL/UV/T100i) with ultraviolet (UV) disinfection, and two new 6-foot diameter by 50-foot deep seepage pits. The OWTS will be located approximately 36.5 feet to the east of the terrace garden and the seepage pits will be located approximately 30 feet to the west of the terrace garden underneath the driveway.

You are required to obtain Waste Discharge Requirements (WDRs) because the use of an advanced treatment system 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)*.

The estimated maximum discharge volume to the proposed new advanced OWTS is 750 gallons per day (gpd) (5 bedrooms x 150 gpd per bedroom). The maximum daily discharge volume shall not exceed 2,423 gpd.

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

Enclosed are your General WDRs, consisting of Order No. R4-2019-0024, Monitoring and Reporting Program (MRP) CI No.10496, and Standard Provisions Applicable to WDRs. Based on the location of the Facility and anticipated performance of the proposed advanced treatment system, the requirements specified in 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 groundwater monitoring is not required. 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, and for boron is 0.5 mg/L. Total coliform in the effluent shall not exceed 23 and 240 MPN/100 mL for monthly average and weekly average, respectively. In addition, 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.

Should changes to the Facility 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 Facility.

The 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 CI No. 10496", which will assure 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 WDR100040378.

Please see Paperless Office Notice for GeoTracker Users, dated December 21, 2011 for further details at:

<http://www.waterboards.ca.gov/losangeles/resources/Paperless/Paperless%20Office%20for%20GT%20Users.pdf>

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 Facility is connected to a sewer system and the permit is no longer needed. 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, Mr. David Koo at (213) 620-6155 (david.koo@waterboards.ca.gov) or the Chief of Groundwater Permitting Unit, Dr. Eric Wu at (213) 576-6683 (eric.wu@waterboards.ca.gov).

Sincerely,



Renee Purdy
Executive Officer

Enclosures:

1. General WDR Order No. R4-2019-0024
2. Monitoring and Reporting Program No. CI-10496

cc (via email): Ms. Isabella Kwok, Department of Public Health, County of Los Angeles

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

**MONITORING AND REPORTING PROGRAM NO. CI-10496
FOR
SAL LAHOUD**

**ENROLLMENT UNDER GENERAL WASTE DISCHARGE REQUIREMENTS
ORDER NO. R4-2019-0024 (SERIES NO. 007)
FILE NO. 18-113**

I. REPORTING REQUIREMENTS

- A. Sal Lahoud (hereinafter Discharger) shall implement this Monitoring and Reporting Program (MRP) at 1860 Blue Heights Drive, Los Angeles, California, the location of which is shown on Figure 1, on the effective date of this enrollment (September 19, 2019) under Regional Board Order No. R4-2019-0024. The first monitoring report under this monitoring program is due by October 31, 2019.

Monitoring reports shall be received by the dates in the following schedule:

| <u>Reporting Period</u> | <u>Report Due</u> |
|-------------------------|-------------------|
| January – March | April 30 |
| April – June | July 31 |
| July – September | October 31 |
| October – December | January 31 |

- B. If there is no discharge during any reporting period, the report shall so state.
- C. By January 31st of each year, beginning January 31, 2020, the Discharger shall submit an annual summary report to the Regional Board. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous calendar year. In addition, the Discharger shall discuss the compliance record and the corrective actions taken, or planned, which may be needed to bring the discharge into full compliance with the waste discharge requirements (WDR).
- D. 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.

- E. The method limits (MLs) employed for effluent analyses shall be lower than the permit limits established for a given parameter, unless the Discharger 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 Discharger shall submit a list of the analytical methods employed for each test and the associated laboratory quality assurance/quality control (QA/QC) procedures.
- F. All QA/QC samples must be run on the same dates when samples were actually analyzed. The Discharger shall make available for inspection and/or submit the QA/QC documentation upon request by Regional 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.
- G. 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.
- H. For every item where the requirements are not met, the Discharger shall submit a statement of the cause(s), and actions undertaken or proposed which will bring the discharge into full compliance with waste discharge requirements at the earliest possible time, including a timetable for implementation of those actions.
- I. The Discharger 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 Board.
- J. In reporting the monitoring data, the Discharger 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.

- K. Any mitigation/remedial activity including any pre-discharge treatment conducted at the site must be reported in the quarterly monitoring report.
- L. Each monitoring report shall contain a separate section titled "Summary of Non-Compliance" which discusses the compliance record and the corrective actions taken or planned that may be needed to bring the discharge into full compliance with WDRs. This section shall be located at the front of the report and shall clearly list all non-compliance with discharge requirements, as well as all excursions of effluent limitations.

II. ADVANCED TREATMENT TANK AND DISPOSAL SYSTEM MONITORING REQUIREMENTS

The quarterly reports shall contain the following information:

- A. Average and maximum daily waste flow and average water usage rate for each month of the quarter, in gallons per day. In the absence of a flow meter, a water bill can be used to estimate the flow discharge.
- B. Estimated population served during each month of the reporting period.
- C. Results of at least monthly observations in the disposal area for any overflow or surfacing of wastes.

In addition, the Discharger shall annually submit an operation and maintenance report on the advanced treatment system. The information to be contained in the report shall include, at a minimum, the following:

- A. The name and address of the person or company responsible for the operation and maintenance of the facility;
- B. Type of maintenance (preventive or corrective action performed);
- C. Frequency of maintenance, if preventive;
- D. Periodic pumping out of the advanced treatment tank; and
- E. Maintenance records of the advanced treatment system.

III. EFFLUENT MONITORING

Effluent sampling station shall be established at a location where representative samples of treated wastewater can be obtained prior to discharge to the seepage pits. The sampling station shall be identified and approved by the Executive Officer prior to its use.

The following shall constitute the effluent monitoring program:

| Constituent | Units ² | Type of Sample | Minimum Frequency of Analysis |
|---|--------------------|----------------|-------------------------------|
| BOD ₅ @20°C | mg/L | grab | Monthly ¹ |
| Oil and Grease | mg/L | grab | Monthly ¹ |
| Nitrate-N | mg/L | grab | Monthly ¹ |
| Nitrite-N | mg/L | grab | Monthly ¹ |
| Nitrate + Nitrite-N | mg/L | grab | Monthly ¹ |
| Total dissolved solids (TDS) | mg/L | grab | Monthly ¹ |
| Sulfate | mg/L | grab | Monthly ¹ |
| Chloride | mg/L | grab | Monthly ¹ |
| Boron | mg/L | grab | Monthly ¹ |
| pH | pH Unit | grab | Monthly ¹ |
| Total coliform for Secondary Treatment System | MPN/100 mL | grab | Monthly ¹ |
| Total coliform for Tertiary Treatment System | MPN/100 mL | grab | Monthly ¹ |

¹If the monitoring test results exceed the effluent limitations, the monitoring frequency shall be weekly, for at least four consecutive weeks, to demonstrate compliance with effluent limitations in which case the monitoring frequency can revert to monthly.

IV. GROUNDWATER MONITORING PROGRAM

A groundwater monitoring program will not be 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.

V. GENERAL PROVISIONS FOR REPORTING

The Discharger shall identify all instances of non-compliance and shall submit a statement of the actions undertaken, or proposed, that will bring the discharge into full compliance with requirements at the earliest time and submit a timetable for correction. The quarterly reports shall contain the following information:

1. A statement relative to compliance with discharge specifications during the reporting period; and
2. Results of daily observations in the disposal area for any overflow or surfacing of wastes, and/or other visible effects of the waste discharge.

VI. WASTE HAULING REPORTING

In the event that waste sludge, septage, 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.

VI. MONITORING FREQUENCIES

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

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)"

VIII. ELECTRONIC SUBMITTAL OF INFORMATION (ESI) TO GEOTRACKER

The Discharger shall comply with the Electronic Submittal of information (ESI) requirements by submitting all reports required under the MRP, including groundwater monitoring data, discharge location data, correspondence, and pdf monitoring reports to the State Water Resources Control Board GeoTracker database under Global ID WDR100040378.

All records and reports submitted in compliance with this Order are public documents and will be made available for inspection during business hours at the office of the California Regional Water Quality Control Board, Los Angeles Region, upon request by interested parties. Only proprietary information, and only at the request of the Discharger, will be treated as confidential.

Ordered by:



Renee Purdy
Executive Officer

Date: September 19, 2019



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GOOGLE EARTH 2018



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FIGURE 2

DESIGNED BY: CL
DRAWN BY: CL
CHECKED BY: KP

DATE: 11/7/18
JOB NO: W466
1 OF 1 SHEETS