

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

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**MONITORING AND REPORTING PROGRAM NO. CI-10566  
FOR  
MALIBU BEACH RECREATIONAL VEHICLE PARK  
ADVANCED ONSITE WASTEWATER TREATMENT SYSTEMS  
ORDER NO. R4-2019-0024 (SERIES NO. 014)  
FILE NO. 20-067**

**I. REPORTING REQUIREMENTS**

A. The effective date of this Monitoring and Reporting Program (MRP) No. CI-10566 is November 22, 2021. Serra Canyon Company, Ltd. (hereafter 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>Report 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, when 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 water 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 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 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. 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 (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.
- G. The method detection limits (MDLs) employed for sample analyses shall be lower than the permit limits established for a given parameter unless the Permittee can demonstrate that a particular MDL is not attainable and obtains approval for a higher MDL 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.
- H. 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.
- I. Each monitoring report must affirm in writing that “All analyses were conducted at a laboratory certified for such analyses by the DDW ELAP and in accordance with the 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.

- J. For every item where the requirements are not met, the Permittee 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.
- 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;
  - 2. Sampler identification, laboratory identification; and chain of custody.
- M. Each quarterly monitoring report shall contain a separate section titled "Summary of Surface Water Monitoring Program" located at the front of the report and at a minimum shall include the following:
  - 1. Progress report on the investigation of potential hydraulic connection to the Pacific Ocean. The investigation shall be completed and the report with the results and recommendations submitted within one year of issuance of this Order.
  - 2. Surface water monitoring reports must include the following information:
    - 1. Sample location, including dates and time sampled;
    - 2. Sampler identification, laboratory used and chain of custody;
    - 3. Water temperature;
    - 4. Water elevation (tide); and
    - 5. Direction of current.

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

- A. Operations and Maintenance reporting: The Permittee shall submit an annual operation and maintenance report for the Advanced OWTS to the Regional

Water Board. 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: The report shall include monthly average and daily maximum wastewater flowrates from the collection system to the Advanced OWTS.
- C. Effluent Monitoring: An effluent sampling station shall be established at a location where representative samples of effluent can be collected prior to discharge to the seepage pit and/or leach field subsurface drip irrigation system. Effluent monitoring parameters are shown in Table 2.
- D. Frequency of Sampling and Analysis – The nitrogen constituents in the effluent shall be sampled monthly until the Advanced OWTS meets the effluent limitations and total nitrogen of 10 mg/L for consecutive 12 weeks.
- E. Total residual chlorine – If disinfection other than chlorination is used, such as ultraviolet light, total residual chlorine monitoring is not required.

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

| <b>Constituents</b> | <b>Units</b> | <b>Type of Sample</b> | <b>Minimum Frequency of Analysis</b> |
|---------------------|--------------|-----------------------|--------------------------------------|
| Total flow          | gpd          | Recorder              | Continuous                           |
| pH                  | pH units     | Grab                  | Monthly                              |
| Turbidity           | NTU          | Grab                  | Monthly                              |
| Total coliform      | MPN/100mL    | Grab                  | Monthly                              |
| Fecal coliform      | MPN/100mL    | Grab                  | Monthly                              |
| Enterococcus        | MPN/100mL    | Grab                  | Monthly                              |
| BOD <sub>5</sub>    | mg/L         | Grab                  | Quarterly                            |

| <b>Constituents</b>                                     | <b>Units</b> | <b>Type of Sample</b> | <b>Minimum Frequency of Analysis</b> |
|---|--------------|-----------------------|--------------------------------------|
| Total suspended solids                                  | mg/L         | Grab                  | Quarterly                            |
| Oil and grease  | mg/L         | Grab                  | Quarterly                            |
| Ammonia as nitrogen                                     | mg/L         | Grab                  | Quarterly/Monthly                    |
| Nitrate as nitrogen                                     | mg/L         | Grab                  | Quarterly/Monthly                    |
| Nitrite as nitrogen                                     | mg/L         | Grab                  | Quarterly/Monthly                    |
| Total nitrogen  | mg/L         | Grab                  | Quarterly/Monthly                    |
| Total dissolved solids                                  | mg/L         | Grab                  | Quarterly                            |
| Chloride  | mg/L         | Grab                  | Quarterly                            |
| Sulfate   | mg/L         | Grab                  | Quarterly                            |
| Boron   | mg/L         | Grab                  | Quarterly                            |
| Zinc  | mg/L         | Grab                  | Quarterly                            |
| Phenol  | mg/L         | Grab                  | Quarterly                            |
| Formaldehyde  | mg/L         | Grab                  | Quarterly                            |
| Total residual chlorine                                 | mg/L         | Grab                  | Quarterly                            |
| Remaining constituents listed in Attachments C-1 to C-5 | Various      | Grab                  | Annually                             |
| Remaining priority pollutants in Attachment G           | µg/L         | Grab                  | First year then every 5 years        |

Notes: gpd: gallons per day; NTU: nephelometric turbidity unit; MPN/100mL: most probable number per 100 milliliters; mg/L: milligrams per liter; µg/L: micrograms per liter; 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; BOD<sub>5</sub> is biochemical oxygen demand that is measured by the quantity of dissolved oxygen consumed by microorganisms during the breakdown of organic matters in a wastewater sample during a five-day incubation period at 20 degrees C and measured in mg/L.

### III. GROUNDWATER MONITORING PROGRAM

- A. The Permittee shall continue to monitor groundwater quality at Well Nos. 1, 2, 3, 4, and 5.

- B. The following parameters shown in Table 3 constitute the groundwater monitoring program.
- C. Total residual chlorine – If disinfection other than chlorination is used, such as ultraviolet light, total residual chlorine monitoring is not required.

**Table 3. Groundwater Monitoring Requirements**

| <b>Constituents</b>                                     | <b>Units</b> | <b>Type of Sample</b> | <b>Minimum Frequency of Analysis</b> |
|---|--------------|-----------------------|--------------------------------------|
| Water level   | feet         | Vertical measure      | Quarterly                            |
| Total coliform  | MPN/100mL    | Grab                  | Quarterly                            |
| Fecal coliform  | MPN/100mL    | Grab                  | Quarterly                            |
| Enterococcus  | MPN/100mL    | Grab                  | Quarterly                            |
| Ammonia as nitrogen                                     | mg/L         | Grab                  | Quarterly                            |
| Nitrate as nitrogen                                     | mg/L         | Grab                  | Quarterly                            |
| Nitrite as nitrogen                                     | mg/L         | Grab                  | Quarterly                            |
| Total nitrogen  | mg/L         | Grab                  | Quarterly                            |
| Total dissolved solids                                  | mg/L         | Grab                  | Quarterly                            |
| Chloride  | mg/L         | Grab                  | Quarterly                            |
| Sulfate   | mg/L         | Grab                  | Quarterly                            |
| Boron   | mg/L         | Grab                  | Quarterly                            |
| Total residual chlorine                                 | mg/L         | Grab                  | Quarterly                            |
| Remaining constituents listed in Attachments C-1 to C-5 | Various      | Grab                  | Annually                             |
| Remaining priority pollutants in Attachment G           | µg/L         | Grab                  | First year then every 5 years        |

Notes:

1. 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.
2. The analysis of constituents listed in Attachments C-1 to C-5 is required only if the constituent is detected in the effluent monitoring required in Table 2 above the specified effluent limitation in the General Order. The sample shall be collected within the following month of the sampling event that exceeded

effluent limits. The results shall be submitted as a supplemental monitoring report.

3. The analysis of remaining priority pollutants in Attachment G is required only if the concentration detected in the effluent is greater than the detection limit. The sample shall be collected within the following month of the sampling event greater than detection limits. The results shall be submitted as a supplemental monitoring report.

#### **IV. SURFACE WATER MONITORING PROGRAM**

A surface water monitoring program shall continue to be implemented to detect and evaluate impacts from wastewater discharges through the AOWTS and seepage pits. The surface water monitoring program shall be implemented when raw or treated wastewater is discharged to surface water, or if there is a hydraulic connection with the Pacific Ocean. The following parameters shown in Table 4 constitute the surface water monitoring program.

**Table 4. Surface Water Monitoring Requirements**

| <b>Constituents</b> | <b>Units</b> | <b>Type of Sample</b> | <b>Minimum Frequency of Analysis</b> |
|---------------------|--------------|-----------------------|--------------------------------------|
| Total coliform      | MPN/100mL    | Grab                  | Quarterly                            |
| Fecal coliform      | MPN/100mL    | Grab                  | Quarterly                            |
| Enterococcus        | MPN/100mL    | Grab                  | Quarterly                            |

#### **V. 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 MRP. Monitoring frequencies may be adjusted to a less frequent basis or parameters and locations dropped by the Executive Officer if the Permittee makes a request and the request is backed by statistical trends of monitoring data submitted.

**VII. 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 data, and pdf monitoring reports to the State Water Resources Control Board GeoTracker database under Global ID WDR100052354.

**VIII. 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)”

**IX. PUBLIC DOCUMENTS**

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: 2021.11.21 11:26:21  
-08'00'  
Water Boards

Date: November 22, 2021

Renee Purdy  
Executive Officer