



EDMUND G. BROWN JR.
GOVERNOR

MATTHEW RODRIGUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

Los Angeles Regional Water Quality Control Board

June 1, 2012

Mr. Lee Harrison
Western Los Angeles County Council
Boy Scouts of America
16525 Sherman Way, Unit C-8
Van Nuys, CA 91406-3753

REVISED MONITORING AND REPORTING PROGRAM NO. CI-8673 – WESTERN LOS ANGELES COUNTY COUNCIL INC., BOY SCOUTS OF AMERICA, TIMOTHY PENNINGTON IV MARINE SCIENCE CENTER, 1 COVE ROAD, AVALON, SANTA CATALINA ISLAND, LOS ANGELES COUNTY, CA (FILE NO. 03-062, WDR ORDER NO. R4-2009-0036, CI-8673, GLOBAL ID WDR10000051)

Dear Mr. Harrison:

On March 5, 2009, Waste Discharge Requirements (WDR) Order No. R4-2009-0036 was issued for the Timothy Pennington IV Marine Science Center (Facility) located within Camp Emerald Bay on Santa Catalina Island for the discharge of circulated seawater from the Facility. The Facility consists of a seawater life support system, including aquarium tanks, to show a variety of marine faunas endemic to Santa Catalina Island. The Timothy Pennington IV Marine Science Center is operated by Western Los Angeles County Council Inc., Boy Scouts of America (Discharger).

On March 2, 2012, the Discharger proposed to modify Monitoring and Reporting Program (MRP) No. CI-8673 because groundwater sampling has been performed quarterly for eight consecutive years and the results demonstrate that the system is consistently operating as designed and showing no adverse impact to water quality.

Based on Regional Board staff's review, the MRP No. CI-8673 is therefore modified as follows:

1. The table under Section II.B.1 shall be revised as follows:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis</u> ¹
Total Flow	gal/day	--	monthly
pH	pH units	grab	bi-annually
Ammonia-N	mg/L	grab	bi-annually
Total coliform	MPN/100mL	grab	bi-annually
Enterococcus	MPN/100mL	grab	bi-annually
BOD ₅ 20°C	mg/L	grab	bi-annually
Dissolved oxygen	mg/L	grab	bi-annually
Suspended solids	mg/L	grab	bi-annually
Settleable solids	mg/L	grab	bi-annually
Total residual chlorine	µg/L	grab	bi-annually

¹The Discharger's compliance point is at "end of pipe."

2. Section II.B.1 shall be revised as follows:

An influent monitoring program shall be designed to bi-annually measure the concentrations of settleable and suspended solids and dissolved oxygen. The Discharger shall provide influent monitoring information with bi-annual reports.

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, and pdf monitoring reports to the State Water Resources Control Board GeoTracker database under Global ID WDR10000051. ESI training video is available at: <https://waterboards.webex.com/waterboards/ldr.php?AT=pb&SP=MC&rID=44145287&rKey=7dad4352c990334b>

Please see Paperless Office Notice for GeoTracker Users, dated December 12, 2011 for further details at: <http://www.waterboards.ca.gov/losangeles/resources/Paperless/Paperless%20Office%20for%20OGT%20Users.pdf>

To avoid paying future annual fees, please submit a written request for termination of your enrollment under the general permit in a separate letter if your facility is connected to a sewer 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.

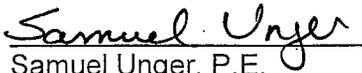
Mr. Lee Harrison
WLACC Boy Scouts of America

- 3 -

June 1, 2012

If you have any additional questions, please contact the Project Manager, Mr. David Koo at (213) 620-6155 (dkoo@waterboards.ca.gov) or the Unit Chief, Dr. Eric Wu at (213) 576-6683 (ewu@waterboards.ca.gov) regarding this matter.

Sincerely,


Samuel Unger, P.E.
Executive Officer

Enclosures:

- 1) Monitoring and Reporting Program No. CI-8673 revised on May 14, 2012
- 2) Paperless Office Notice, December 12, 2011

cc: Mr. Patrick Nejadian, Department of Health Services, County of Los Angeles
Ms. Trisha Coffey, Ahsirt Engineering, Inc.
Mr. Mark L. Russell, Earth Systems Southern California

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

MONITORING AND REPORTING PROGRAM NO. CI-8673
FOR
WESTERN LOS ANGELES COUNTY COUNCIL, INC.
BOY SCOUTS OF AMERICA
(Timothy M. Pennington IV, Marine Science Center)
(FILE NO. 03-062)

I. REPORTING REQUIREMENTS

- A. Western Los Angeles County Council, Inc., Boy Scouts of America (hereinafter Discharger) shall implement this revised Monitoring and Reporting Program (MRP) at 1 Cove Road, Avalon in Santa Catalina Island, Los Angeles County, California (Figure A-1 attached), under Regional Board Order No. R4-2009-0036. Monitoring reports shall be received by the dates in the following schedule:

<u>Monitoring Period</u>	<u>Report Due</u>
January – June	July 15
July – December	January 15

- B. If there is no discharge or injection during any reporting period, the report shall so state.
- C. By January 30th of each year, beginning January 30, 2013, 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 (WDRs).
- D. Laboratory analyses – all chemical, bacteriological, and toxicity analyses shall be conducted at a laboratory certified for such analyses by the California Department of Public Health Environmental Laboratory Accreditation Program (ELAP). The one exception is for the Dissolved Gasses (ethene, ethane, methane) that will be analyzed by Microseeps, Inc. of Pittsburgh, Pennsylvania which is certified by the National Environmental Laboratory Accreditation Program (NELAP). A copy of the laboratory certifications shall be provided each time a new and/or renewal is obtained from ELAP and/or NELAP.
- 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 California Department of Public Health, 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 bi-annual 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. WATER QUALITY MONITORING REQUIREMENTS

A. Influent Monitoring

An influent monitoring program shall be designed to bi-annually measure the concentrations of settleable and suspended solids and dissolved oxygen. The Discharger shall provide influent monitoring information with bi-annual reports.

B. Effluent Monitoring

An effluent monitoring program shall be designed to evaluate the water quality of the discharge of circulated seawater from the proposed seawater life support system. An effluent sampling station(s) shall be established at a location(s) where representative samples of treated effluent can be obtained prior to discharge to the leachfield disposal system.

1. The following shall constitute the effluent monitoring program:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis</u> ¹
Total Flow	gal/day	--	monthly
pH	pH units	grab	bi-annually
Ammonia-N	mg/L	grab	bi-annually
Total coliform	MPN/100mL	grab	bi-annually
Enterococcus	MPN/100mL	grab	bi-annually
BOD ₅ 20°C	mg/L	grab	bi-annually
Dissolved oxygen	mg/L	grab	bi-annually
Suspended solids	mg/L	grab	bi-annually
Settleable solids	mg/L	grab	bi-annually
Total residual chlorine	µg/L	grab	bi-annually

¹The Discharger's compliance point is at "end of pipe."

2. The bi-annual reports shall contain the following information:

- a. Average and maximum daily waste flow (effluent from retention basin) for each month in gallons per day.
- b. Results of at least monthly observations in the disposal area for any over flow or surfacing of wastes.

3. In addition, the Discharger shall annually inspect the wastewater system including disposal area and submit an operation and maintenance report on the system. The information to be contained in the report shall include, at a minimum, the following:

- a. Results of annual inspection;
- b. The maintenance records for the wastewater treatment system;
- c. Type of maintenance (preventive or corrective action performed);
- d. Frequency of maintenance, if preventive;
- e. The name of the person responsible for the operation and maintenance of the facility.

II. 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 final point of disposal. In the event that no wastes are hauled during the reporting period, a statement to that effect shall be submitted.

IV. OPERATION AND MAINTENANCE REPORT

The Discharger shall annually submit a technical report to the Executive Officer relative to the operation and maintenance program for the Timothy M. Pennington IV, Marine Science Center. The information to be contained in the report shall include 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. Maintenance record of leaching/disposal fields system; and
- e. Results of at least monthly observations in the disposal area for any overflow or surfacing of waste.

This operations and maintenance record shall be kept current and filed with the annual report due by January 30.

V. 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.

VI. CERTIFICATION STATEMENT

Each report shall contain the following 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)

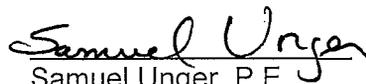
(Title)"

VII. ELECTRONIC SUBMITTAL OF INFORMATION (ESI) TO GEOTRACKER

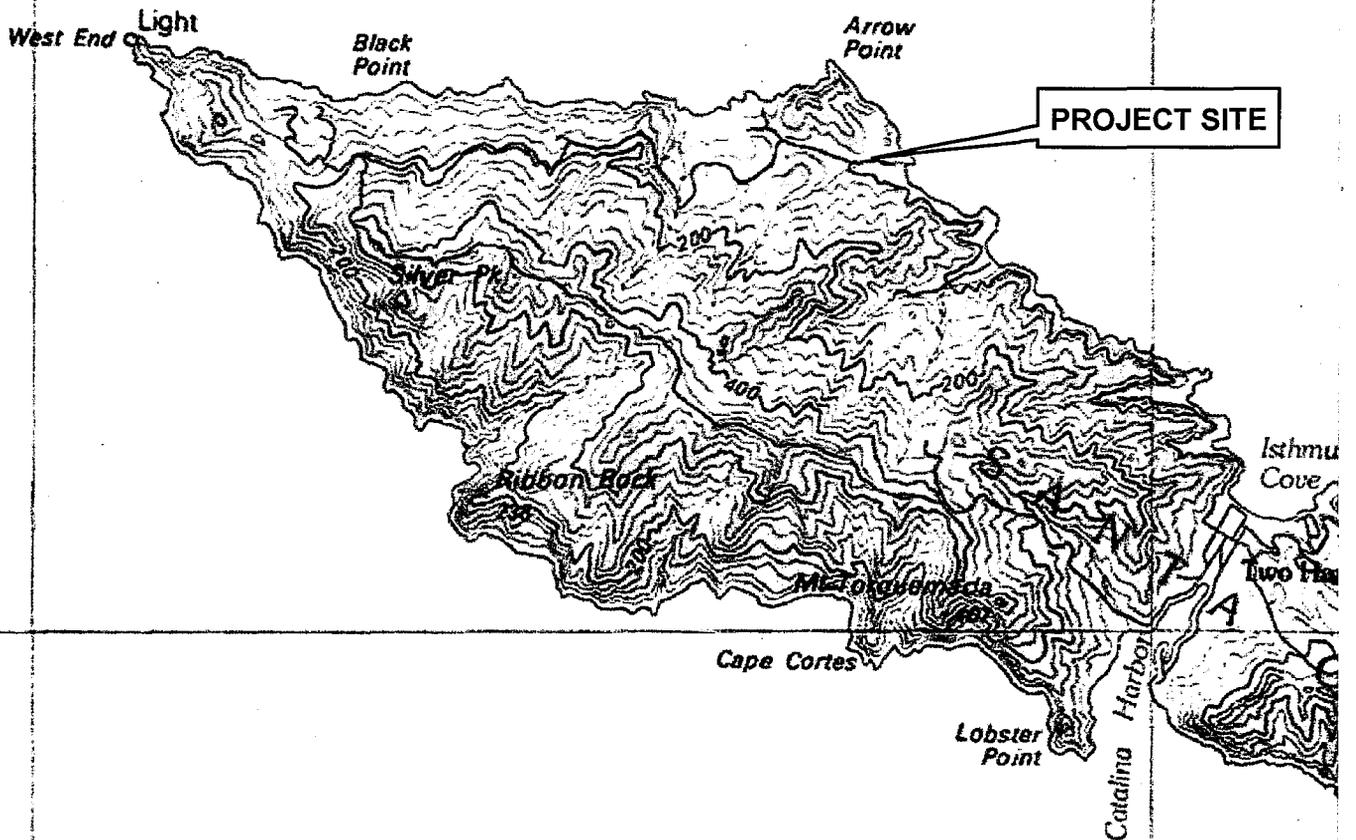
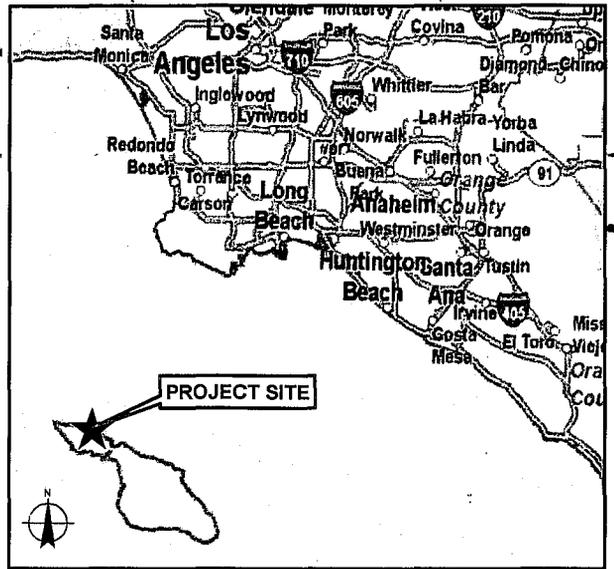
The Discharger shall comply with the Electronic Submittal of Information (ESI) requirements by submitting all reports required under the MRP, including groundwater monitoring data, discharge location data, and pdf monitoring reports to the State Water Resources Control Board GeoTracker database under Global ID WDR100000051.

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:


Samuel Unger, P.E.
Executive Officer

Date: June 1, 2012



Regional Location and Vicinity Map

FIGURE

A-1

Camp Emerald Bay 2011 Master Plan
 Source: USGS Topographic Series (Santa Catalina West, Santa Catalina North, CA); ESRI, 2011; PCR Services Corporation, 2011.



California Regional Water Quality Control Board
Los Angeles Region



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<http://www.waterboards.ca.gov/losangeles>

Matthew Rodriguez
Secretary for
Environmental Protection

Edmund G. Brown Jr.
Governor

December 12, 2011

Electronic Submittal to the Los Angeles Regional Board for GeoTracker Users

To Interested Parties:

Effective November 1, 2011, the Los Angeles Regional Water Quality Control Board (Regional Board) implemented a Paperless Office system. Interested parties were notified of this intent in a letter dated October 20, 2011 (the announcement can be seen at <http://www.waterboards.ca.gov/losangeles/resources/Paperless/>).

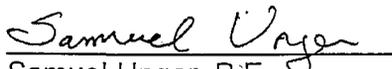
This letter is intended to clarify the electronic submittal process for all **GeoTracker** users in accordance with the October 20, 2011 Paperless Office announcement.

For all parties who upload electronic documents to State Database GeoTracker, it is no longer necessary to email a copy of these documents to losangeles@waterboards.ca.gov or submit hard copies to our office.

The Regional Board will no longer accept documents (submitted by either hard copy or email) already uploaded to GeoTracker. In special circumstances where GeoTracker may not be the best place to submit correspondence, such as oversized or confidential documents, please contact case staff directly to arrange a submittal method.

If you have questions regarding this matter, please contact the appropriate staff assigned to your program or project. You may refer to the Regional Boards' Departmental Listing for contact information.

Sincerely,


Samuel Unger, P.E.
Executive Officer

California Environmental Protection Agency