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

MONITORING AND REPORTING PROGRAM CI NO. 5774
FOR
VENTURA REGIONAL SANITATION DISTRICT
(MALIBU BAY CLUB WASTEWATER TREATMENT PLANT)

ORDER NO. R4-2012- XXXX
(File No. 72-006)

TENTATIVE

I. REPORTING REQUIREMENTS

A. The Ventura Regional Sanitation District (hereinafter, Discharger) shall implement this monitoring program on the effective date of this Order (WDR Order No. R4-2012-XXXX). The first monitoring report for April to June 2012 under this Program is due by July 15, 2012.

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

Reporting Period	Report Due
January - March	April 15
April - June	July 15
July - September	October 15
October – December	January 15

B. 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.

C. 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). A copy of the laboratory certification shall be provided each time a new and/or renewal is obtained from ELAP.

D. The monitoring report shall specify the United States Environmental Protection Agency (USEPA) analytical method used, the Method Detection Limit (MDL) and the Minimum Level (ML) for each pollutant. For the purpose of reporting

compliance with numerical limitations, and receiving water limitations, analytical data shall be reported by one of the following methods, as appropriate:

1. An actual numerical value for sample results greater than or equal to the ML;

2. "Detected, but Not Quantified (DNQ)" for sample results greater than or equal to the laboratory's MDL but less than the ML; or,

3. "Not Detected (ND)" for sample results less than the laboratory's MDL with the MDL indicated for the analytical method used.

The minimum levels are those published by the State Water Resources Control Board in the *Policy for the Implementation of Toxics Standards for Inland Surface Waters, Enclosed Bays, and Estuaries of California, February 24*, 2005.

E. The 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 Regional Board Executive Officer (Executive Officer). 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 upon request by the Regional Board.

F. Water/wastewater samples must be analyzed within allowable holding time limits as specified in 40 CFR Part 136.3. All Quality Assurance/Quality Control (QA/QC) samples must be run on the same dates when samples were actually analyzed. At least once a year, the Discharger shall maintain and update a list of the analytical methods employed for each test and the associated laboratory QA/QC procedures. The Discharger shall make available for inspection and/or submit the QA/QC documentation upon request by Regional Board staff.

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 Services, and in accordance with current 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: 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.

II. WATER QUALITY MONITORING REQUIREMENTS

A. Influent Monitoring

1. The Discharger shall measure the monthly average and maximum daily waste flow from the facility.

B. Effluent Monitoring

An effluent sampling station(s) shall be established for the Malibu Bay Club Wastewater Treatment Plant (Malibu Bay Club WWTP) at a location(s) where representative samples of treated wastewater can be obtained prior to discharge to the leachfields. The effluent sampling station for the existing Malibu Bay Club WWTP shall remain the same as has been previously used. Any proposed change of the sampling location for the Malibu Bay Club WWTP shall be identified and approved by the Executive Officer prior to its use.

The following shall constitute the effluent monitoring program for the Malibu Bay Club WWTP:

Constituent	Units	Type of Sample	Minimum Frequency[2] of Analysis
Total Flow[1]	gallon/day	recorder	continuous
pH	pH units	grab	monthly
Total suspended solids	mg/L	grab	monthly
BOD_5 20°C	mg/L	grab	monthly
Oil & Grease	mg/L	grab	monthly
Total coliform	MPN/100mL	grab	monthly

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Constituent	Units	Type of Sample	Minimum Frequency[2] of Analysis
Fecal coliform	MPN/100mL	grab	monthly
Enterococcus	MPN/100mL	grab	monthly
Nitrite-N	mg/L	grab	monthly
Nitrate-N	mg/L	grab	monthly
Ammonia-N	mg/L	grab	monthly
Organic nitrogen	mg/L	grab	monthly
Total Phosphorus as P	mg/L	grab	monthly
Total nitrogen	mg/L	grab	monthly
Residual chlorine[3]	mg/L	grab	monthly
MBAS (Surfactants)	mg/L	grab	monthly
Radioactivity	pCi/L	grab	annually
Priority pollutants[4]	µg/L	grab	annually
CEC[5]	µg/L	grab	annually

[1]For those constituents that are continuously monitored the Discharger shall report the minimum, maximum, and daily average values.
[2]If the monitoring test results exceed the effluent limitations, the monitoring frequency of those constituents shall be restored to monthly, at least four consecutive months, to demonstrate compliance with limitations.
[3]if chlorination is used for during the disinfection process
[4]See Appendix A to 40 CFR, Part 423 for list of priority pollutants
[5]See Attachment B for the list of California Emerging Chemicals

The quarterly reports shall contain the following information:

1. Average and maximum daily waste flow for each month of the quarter, in gallons per day.

2. Estimated population served during each month of the reporting period.

III. GROUNDWATER MONITORING PROGRAM

The groundwater monitoring program for the Malibu Bay Club WWTP disposal system consists of a network of two monitoring wells (PMW-2 and PMW-4) installed around the Malibu Bay Club WWTP and leachfields.

The following shall constitute the groundwater monitoring program Malibu Bay Club WWTP:

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Constituent	Units[1]	Type of Sample	Minimum Frequency[2] of Analysis
pH	pH units	grab	Quarterly
Total coliform	MPN/100mL	grab	Quarterly
Fecal coliform	MPN/100mL	grab	Quarterly
Enterococcus	MPN/100mL	grab	Quarterly
BOD_5 20°C	mg/L	grab	Quarterly
Nitrite-N	mg/L	grab	Quarterly
Nitrate-N	mg/L	grab	Quarterly
Ammonia-N	mg/L	grab	Quarterly
Organic Nitrogen	mg/L	grab	Quarterly
Phosphorus	mg/L	grab	Quarterly
MBAS (Surfactants)	mg/L	grab	Quarterly
Residual chlorine[3]	mg/L	grab	Quarterly
Total nitrogen	mg/L	grab	Quarterly
Radioactivity	pCi/L	grab	annually
Priority pollutants[5]	µg/L	grab	annually
CEC[6]	µg/L	grab	annually

[1]mg/L=milligrams per liter; MPN/100mL=most probable number per 100 m/L; µg/L=micrograms per liter
[2]If the monitoring test results exceed the effluent limitations, the monitoring frequency of those constituents shall be restored to monthly, at least four consecutive months, to demonstrate compliance with limitations.
[3]If chlorination is used in the disinfection process
[4]A list of priority pollutants is attached
[5]See list of California Emerging Chemicals

All groundwater monitoring reports must include, at minimum, the following:

a. Well identification, date and time of sampling;
b. Sampler identification, and laboratory identification; and
c. Quarterly observation of groundwater levels, recorded to .01 feet mean sea level, flow direction.
d. Vertical separation of the water table from the bottom of the seepage pits.

IV. WASTE HAULING REPORTING

In the event that waste oil and grease, 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.

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V. OPERATION AND MAINTENANCE REPORT

The Discharger shall file a technical report with the Executive Officer, not later than 30 days after receipt of these Waste Discharge Requirements (WDRs) relative to the operation and maintenance program for the Malibu Bay Club WWTP. 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; and
d. Periodic pumping out of the digester/sludge tank.

This operation and maintenance report shall be filed with the annual summary report.

VI. ELECTRONIC SUBMITTAL OF INFORMATION

Dischargers are directed to submit all reports required under the waste Discharger requirements (WDRs) adopted by the Regional Board including groundwater monitoring analytical data and discharge location data, to the State Water Resources Control Board GeoTracker database under Global ID WDR100000096. The GeoTracker training video is available at:

https://waterboards.webex.com/waterboards/ldr.php?AT=pb&SP=MC&rID=44145287&rKey=7dad4352c990334b

VII. 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.

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Executed on the _____day of _____ at _____.

_____(Signature)

_____(Title)"

VIII. MONITORING FREQUENCIES

Monitoring frequencies may be adjusted to a less frequent basis or parameters dropped by the Executive Officer if the Discharger makes a request and the Executive Officer determines that the request is adequately supported by statistical trends of monitoring data submitted.

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: _____

Samuel Unger, P.E.
Executive Officer

Date: April 5, 2012

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Appendix A to 40 CFR, Part 423--126 Priority Pollutants

001 Acenaphthene
002 Acrolein
003 Acrylonitrile
004 Benzene
005 Benzidine
006 Carbon tetrachloride (tetrachloromethane)
007 Chlorobenzene
008 1,2,4-trichlorobenzene
009 Hexachlorobenzene
010 1,2-dichloroethane
011 1,1,1-trichloreothane
012 Hexachloroethane
013 1,1-dichloroethane
014 1,1,2-trichloroethane
015 1,1,2,2-tetrachloroethane
016 Chloroethane
018 Bis(2-chloroethyl) ether
019 2-chloroethyl vinyl ether (mixed)
020 2-chloronaphthalene
021 2,4, 6-trichlorophenol
022 Parachlorometa cresol
023 Chloroform (trichloromethane)
024 2-chlorophenol
025 1,2-dichlorobenzene
026 1,3-dichlorobenzene
027 1,4-dichlorobenzene
028 3,3-dichlorobenzidine
029 1,1-dichloroethylene
030 1,2-trans-dichloroethylene
031 2,4-dichlorophenol
032 1,2-dichloropropane
033 1,2-dichloropropylene (1,3-dichloropropene)
034 2,4-dimethylphenol
035 2,4-dinitrotoluene
036 2,6-dinitrotoluene
037 1,2-diphenylhydrazine
038 Ethylbenzene
039 Fluoranthene
040 4-chlorophenyl phenyl ether
041 4-bromophenyl phenyl ether
042 Bis(2-chloroisopropyl) ether
043 Bis(2-chloroethoxy) methane
044 Methylene chloride (dichloromethane)
045 Methyl chloride (dichloromethane)
046 Methyl bromide (bromomethane)
047 Bromoform (tribromomethane)
048 Dichlorobromomethane
051 Chlorodibromomethane
052 Hexachlorobutadiene
053 Hexachloromyclopentadiene
054 Isophorone
055 Naphthalene
056 Nitrobenzene
057 2-nitrophenol
058 4-nitrophenol
059 2,4-dinitrophenol
060 4,6-dinitro-o-cresol
061 N-nitrosodimethylamine
062 N-nitrosodiphenylamine
063 N-nitrosodi-n-propylamin
064 Pentachlorophenol
065 Phenol
066 Bis(2-ethylhexyl) phthalate
067 Butyl benzyl phthalate
068 Di-N-Butyl Phthalate
069 Di-n-octyl phthalate
070 Diethyl Phthalate
071 Dimethyl phthalate
072 1,2-benzanthracene (benzo(a) anthracene
073 Benzo(a)pyrene (3,4-benzo-pyrene)
074 3,4-Benzofluoranthene (benzo(b) fluoranthene)
075 11,12-benzofluoranthene (benzo(b) fluoranthene)
076 Chrysene
077 Acenaphthylene
078 Anthracene
079 1,12-benzoperylene (benzo(ghi) perylene)
080 Fluorene
081 Phenanthrene
082 1,2,5,6-dibenzanthracene (dibenzo(,h) anthracene)
083 Indeno (,1,2,3-cd) pyrene (2,3-o-pheynylene pyrene)
084 Pyrene
085 Tetrachloroethylene
086 Toluene
087 Trichloroethylene
088 Vinyl chloride (chloroethylene)
089 Aldrin
090 Dieldrin
091 Chlordane (technical mixture and metabolites)
092 4,4-DDT
093 4,4-DDE (p,p-DDX)
094 4,4-DDD (p,p-TDE)
095 Alpha-endosulfan
096 Beta-endosulfan
097 Endosulfan sulfate
098 Endrin
099 Endrin aldehyde
100 Heptachlor
101 Heptachlor epoxide (BHC-hexachlorocyclohexane)
102 Alpha-BHC
103 Beta-BHC
104 Gamma-BHC (lindane)
105 Delta-BHC (PCB-polychlorinated biphenyls)
106 PCB-1242 (Arochlor 1242)
107 PCB-1254 (Arochlor 1254)
108 PCB-1221 (Arochlor 1221)
109 PCB-1232 (Arochlor 1232)
110 PCB-1248 (Arochlor 1248)
111 PCB-1260 (Arochlor 1260)
112 PCB-1016 (Arochlor 1016)
113 Toxaphene
114 Antimony
115 Arsenic
116 Asbestos
117 Beryllium
118 Cadmium
119 Chromium
120 Copper
121 Cyanide, Total
122 Lead
123 Mercury
124 Nickel
125 Selenium
126 Silver
127 Thallium
126 Silver
128 Zinc
129 2,3,7,8-tetrachloro-dibenzo-p-dioxin (TCDD)

ATTACHMENT B

Parameter	Units
17α-Ethinyl Estradiol	ng/L
17β-Estradiol	ng/L
Estrone	ng/L
Bisphenol A	ng/L
Nonylphenol and nonylphenol polyethoxylates	ng/L
Octylphenol and octylphenol polyethoxylates	ng/L
Polybrominated diphenyl ethers	ng/L
Acetaminophen	ng/L
Amoxicillin	ng/L
Azithromycin	ng/L
Carbamazepine	ng/L
Caffeine	ng/L
Ciprofloxacin	ng/L
DEET	ng/L
Dilantin	ng/L
Gemfibrozil	ng/L
Ibuprofen	ng/L
Lipitor	ng/L
Primidone	ng/L
Sulfamethoxazole	ng/L
Trimethoprim	ng/L
Salicylic acid	ng/L
TCEP	ng/L
Triclosan	ng/L