CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL COAST REGION
895 Aerovista Place, Suite 101
San Luis Obispo, California 93401

MONITORING AND REPORTING PROGRAM NO. R3-2014-0025
Waste Discharge Identification No. xxxxxxxxxxxxx
Adopted November 13, 2014 Meeting

For

MISSION SPRINGS CHRISTIAN CAMP AND CONFERENCE CENTER
WASTEWATER TREATMENT PLANT
SANTA CRUZ COUNTY

Reporting responsibilities are specified in Section 13267(b) of the California Water Code. This Discharge Monitoring and Reporting Program is issued in accordance with Provision D.1 of Central Coast Water Board Order No. R3-2014-0025.

WATER SUPPLY MONITORING

1. Representative samples of the Mission Springs Christian Camp and Conference Center (hereafter "Mission Springs") water supply shall be collected and analyzed for the constituents and at the frequency specified below:

Parameter/Constituent [a,b,c]	Units	Sample Type	Minimum Sampling and Analyzing Frequency
Total Dissolved Solids	mg/L	Grab	Semiannually (April & October)
Sodium	mg/L	Grab	Semiannually (April & October)
Chloride	mg/L	Grab	Semiannually (April & October)
Sulfate	mg/L	Grab	Semiannually (April & October)
Boron	mg/L	Grab	Semiannually (April & October)
Nitrate (as Nitrogen)	mg/L	Grab	Semiannually (April & October)

Notes:
a) Sampling results for the Department of Health Services may be submitted to satisfy these requirements.
b) Data shall be reported as individual concentrations for each water supply well sampled and calculated as flow weighted averages to represent as delivered water supply quality.
c) Sampling for specific analytes may be reduced or discontinued upon Discharger request and Executive Officer approval for parameters/constituents for which additional data provides no benefit.

INFLUENT MONITORING

1. Representative samples of the treatment system influent shall be collected and analyzed for the parameters/constituents and at the frequencies specified in the following table for the Mission Springs wastewater treatment facility:

Parameter/Constituent	Units	Sample Type[a]	Minimum Sampling and Analyzing Frequency
Flow Volume	GPD	Metered	Daily
Maximum Daily Flow	GPD	Metered	Monthly
Average Daily Flow	GPD	Calculated	30-day Running Average
pH	-	Grab	Monthly
BOD_5	mg/L	Grab	Monthly
Total Suspended Solids	mg/L	Grab	Monthly
Total Dissolved Solids	mg/L	Grab	Monthly
Sodium	mg/L	Grab	Monthly
Chloride	mg/L	Grab	Monthly
Nitrate (as N)	mg/L	Grab	Monthly
Nitrite (as N)	mg/L	Grab	Monthly
Ammonia (as N)	mg/L	Grab	Monthly
Total Nitrogen	mg/L	Grab	Monthly
Sulfate	mg/L	Grab	Monthly
Boron	mg/L	Grab	Semiannually (April & October)

Notes:

a) Sampling for specific analytes may be reduced or discontinued upon Discharger request and Executive Officer approval for parameters/constituents for which additional data provides no benefit.

EFFLUENT MONITORING

1. Representative samples of wastewater being discharged shall be collected and analyzed for the parameters/constituents and at the frequencies specified in the following table:

Parameter/Constituent [a,b]	Units	Sample Type	Minimum Sampling and Analyzing Frequency
pH	-	Grab	Monthly
BOD_5	mg/L	Grab	Monthly
Total Suspended Solids	mg/L	Grab	Monthly
Total Dissolved Solids	mg/L	Grab	Monthly
Sodium	mg/L	Grab	Monthly
Chloride	mg/L	Grab	Monthly
Nitrite (as N)	mg/L	Grab	Monthly
Nitrate (as N)	mg/L	Grab	Monthly
Ammonia (as N)	mg/L	Grab	Monthly
Total Nitrogen	mg/L	Grab	Monthly
Sulfate	mg/L	Grab	Monthly
Boron	mg/L	Grab	Semiannually (April & October)

Notes:

a) Effluent samples shall be collected from locations representative of final effluent being discharged to the subsurface.

b) Sampling for specific analytes may be reduced or discontinued upon Discharger request and Executive Officer approval for parameters/constituents for which additional data provides no benefit.

GROUNDWATER MONITORING

1. Representative samples of groundwater shall be collected from shallow wells upgradient and downgradient of disposal areas. To ascertain compliance with waste discharge

requirements in establishing new, or verifying existing upgradient and downgradient monitoring wells, the monitoring network shall be supported by sufficient, as determined by the Executive Officer, geologic and hydrogeologic documentation. Samples of groundwater shall be collected and analyzed for the constituents and at the frequencies specified in the following table:

Parameter/Constituent[a]	Units	Sample Type	Minimum Sampling and Analyzing Frequency
Depth to Groundwater	Ft above MSL	Measured	Semiannually (April & October)
pH	-	Grab	Semiannually (April & October)
Total Dissolved Solids	mg/L	Grab	Semiannually (April & October)
Sodium	mg/L	Grab	Semiannually (April & October)
Chloride	mg/L	Grab	Semiannually (April & October)
Nitrite (as N)	mg/L	Grab	Semiannually (April & October)
Nitrate (as N)	mg/L	Grab	Semiannually (April & October)
Total Kjeldahl Nitrogen (as N)	mg/L	Grab	Semiannually (April & October)
Total Nitrogen (as N)	mg/L	Grab	Semiannually (April & October)
Boron	mg/L	Grab	Semiannually (April & October)
Sulfate	mg/L	Grab	Semiannually (April & October)

Notes:

a) Sampling for specific analytes may be reduced or discontinued upon Discharger request and Executive Officer approval for parameters/constituents for which additional data provides no benefit.

FACILITY MONITORING

1. Weekly inspections shall be made of the wastewater treatment area. Quarterly inspections shall be made of the leachfield zones. During the inspection, notes shall be kept of any violations of waste discharge requirements. A log of these inspections shall be maintained and a summary of observations made during the inspections shall be submitted with each semi-annual monitoring report.

REPORTING

1. **Monitoring reports are required semiannually, by the 30th of January and July**, and shall contain all data collected or calculated over the previous six months. The January 30 report may be combinded with the annual report. Data shall be tabulated in a logical and coherent format and be accompanied by laboratory analytical data sheets. Electronic reporting (EDF) is highly encouraged but not required at this time. See the EDF Guidelines at:

   http://www.waterboards.ca.gov/ust/electronic_submittal/docs/edf_gr_v1_2i.pdf

2. **By January 30th of each year** the Discharger shall submit an annual monitoring report Pursuant to Standard Provisions and Reporting Requirements, General Reporting Requirement C.16 which states:

   By January 30 of each year, the discharger shall submit an annual report to the Regional Board. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous year. The Discharger shall discuss the compliance record and corrective actions taken, or which may be needed, to bring the discharger into full

compliance. The report shall address operator certification and provide a list of current operating personnel and their grade of certification. The report shall inform the Board of the date of the Facility's Operation and Maintenance Manual, of the date the manual was last reviewed, and whether the manual is complete and valid for the current facility.

3. **Biennially, by January 30th** the Discharger shall submit a Salt and Nutrient Management report as specified in provision C.7 of Order No. R3-2014-0025. The first report is due January 30, 2016.

4. If the Discharger monitors any pollutant designated more frequently than is required by this Monitoring and Reporting Program, the results of such monitoring shall be included in the monitoring reports.

PROVISIONS

1. Monthly sampling shall be conducted at regularly scheduled times during each month and consecutive events should be approximately four weeks apart and no less than two weeks apart.

2. All monitoring must be conducted according to test procedures established by 40 Code of Federal Regulations Part 136, entitled, "Guidelines Establishing Test Procedures for Analysis of Pollutants." All sampling analyses shall be conducted at the lowest practical quantitation limits achievable under U.S. EPA specified methodology. In cases where effluent limits are set below the lowest achievable practical quantitation limits, constituents not detected at the practical quantitation limit will be considered in compliance with effluent limitations.

3. All samples collected shall be tracked and submitted under chain of custody and analyzed by a laboratory certified by California Department of Health Services for the specified analysis.

4. This Monitoring and Reporting Program may be revised at any time during the Permit term, as necessary, under the authority of the Executive Officer.

IMPLEMENTATION

This monitoring and reporting program shall be implemented immediately. However, the Discharger will be allowed a two-month grace period to procure equipment and establish new sampling protocols and sampling locations for monthly influent and effluent monitoring. Monthly influent and effluent monitoring shall commence no later than February 1, 2015.

ORDERED BY_____
Kenneth A. Harris Jr.
Executive Officer

DATE_____