STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL COAST REGION

DRAFT MONITORING AND REPORTING PROGRAM NO. R3-2018-0002

FOR

WOODLANDS MUTUAL WATER COMPANY
SAN LUIS OBISPO COUNTY

WATER SUPPLY MONITORING

Relative quantities of supply water produced from each municipal supply well shall be recorded and submitted with analytical results from each well. Representative samples shall be collected and analyzed for each water supply well, according to the following schedule:

Parameter	Units	Type of Sample	Frequency
General Minerals[1]	mg/L	Grab	Annual

[1] General minerals analyses shall include the following analytes: calcium, magnesium, sodium, sulfate, carbonate, bi-carbonate, chloride, total hardness, total alkalinity, total dissolved solids, pH, electrical conductivity, boron, iron, nitrate, and total nitrogen. Sampling results for the State Water Resources Control Board Division of Drinking Water may be submitted to satisfy this requirement.

INFLUENT MONITORING

Flow volume shall be monitored and influent samples collected and analyzed according to the following schedule:

Parameter	Units	Type of Sample	Frequency
Biochemical Oxygen Demand (BOD_5)	mg/L	Grab	Weekly
Total Suspended Solids	mg/L	Grab	Weekly
Settleable Solids	mL/L	Grab	Weekly

EFFLUENT MONITORING

Representative samples of effluent discharged or reclaimed shall be collected and analyzed as follows:

Parameter	Units	Type of Sample	Minimum Sampling and Analyzing Frequency
Daily Flow	MG	Metered	Daily
Maximum Flow	MGD	Metered	Monthly
Average Flow	MGD	Calculated	Monthly
Turbidity[1]	NTU	Metered	Continuous
Chlorine Residual	mg/L	Metered[2]	Continuous
Total Coliform Organisms	MPN/100 mL	Grab	Daily
Settleable Solids	mL/L	Grab	Daily
BOD_5	mg/L	24-hr.	Weekly

Parameter	Units	Type of Sample	Minimum Sampling and Analyzing Frequency
		composite	
Suspended Solids	mg/L	24-hr. composite	Weekly
Dissolved Oxygen	mg/L	Grab[3]	Weekly
pH	Units	Grab	Weekly
Total Dissolved Solids	mg/L	24-hr. composite	Monthly
Total Nitrogen	mg/L	24-hr. composite	Monthly
Title 22 Drinking Water Constituents (Primary & Secondary)	mg/L	Grab	Every five years
Priority Pollutants[4]		24-hr composite	Every five years

1. Turbidity shall be monitored both prior to and following filtration; prefiltered effluent turbidity shall be no greater than 5 NTU.
2. Verified/calibrated by grab samples.
3. Representative samples taken at one foot below water surface.
4. Priority pollutants are listed in Appendix A of 40 Code of Federal Regulations (CFR) Part 423.

RECLAMATION USE AREA MONITORING

All reclamation areas shall be inspected daily for proper sprinkler and emitter operation, runoff, erosion, saturated surface areas, and odors. Evidence of any condition of this nature shall be reported to the Executive Officer within 24 hours of knowing of such conditions and promptly investigated and remedied. A summary of any problems found in the irrigation use areas and corrective actions taken shall be included in each monitoring report.

Parameter	Units	Type of Sample	Minimum Sampling and Analyzing Frequency
Daily Flow (to each reclaimed water use area)	MG	Metered	Daily
Average Flow (to each use area)	MGD	Calculated	Monthly
TDS (from each reclaimed water storage unit)	mg/L	Grab	Monthly
Total Nitrogen (from each reclaimed water storage unit)	mg/L	Grab	Monthly

GROUNDWATER MONITORING

The Discharger shall install groundwater monitoring wells MW5, MW6, MW7, and MW8 within one year of the adoption of this Order to complete the monitoring well network, approved by the Executive Officer in the Groundwater Monitoring Program (July 2004) pursuant to Order No. 00-139. The new groundwater monitoring wells shall be located as shown in the July 2017 semiannual Groundwater Monitoring Report, Figure 1.

Groundwater samples from completed monitoring wells shall be analyzed for the parameters listed below.

Parameter	Units	Type of Sample	Sampling and Analyzing Frequency
Static Water Level	Feet below ground surface	Grab	Semiannually (Jan/July)
Total Dissolved Solids	mg/L	Grab	Semiannually (Jan/July)
Sodium	mg/L	Grab	Semiannually (Jan/July)
Nitrate (as N)	mg/L	Grab	Semiannually (Jan/July)
Ammonia	mg/L	Grab	Semiannually (Jan/July)
Sulfate	mg/L	Grab	Semiannually (Jan/July)
Boron	mg/L	Grab	Semiannually (Jan/July)
Chloride	mg/L	Grab	Semiannually (Jan/July)

BIOSOLIDS/SLUDGE

Before operation begins and before any change in disposal practices (location, process, frequency), the Discharger is to submit all sludge disposal site information to the Central Coast Water Board for Executive Officer approval.

Biosolids/Sludge monitoring will take place on a per load basis and shall include the following parameters:

Constituent*	Units	Type of Sample	Minimum Frequency** Of Analysis
Quantity	Tons or yds^3	Measured during removal	Each load
Moisture Content	%	Grab	Prior to transport/disposal
Nitrate (as N)	mg/kg	Grab	Prior to transport/disposal
Total Phosphorus	mg/kg	Grab	Prior to transport/disposal
pH	pH units	Grab	Prior to transport/disposal
Grease & Oil	mg/kg	Grab	Prior to transport/disposal
Arsenic	mg/kg	Grab	Prior to transport/disposal
Boron	mg/kg	Grab	Prior to transport/disposal
Cadmium	mg/kg	Grab	Prior to transport/disposal
Copper	mg/kg	Grab	Prior to transport/disposal
Chromium	mg/kg	Grab	Prior to transport/disposal
Lead	mg/kg	Grab	Prior to transport/disposal
Mercury	mg/kg	Grab	Prior to transport/disposal
Molybdenum	mg/kg	Grab	Prior to transport/disposal
Nickel	mg/kg	Grab	Prior to transport/disposal
Selenium	mg/kg	Grab	Prior to transport/disposal
Zinc	mg/kg	Grab	Prior to transport/disposal

*Characterization required by disposal facility may be submitted in place of this list.
**If no need for sludge/biosolids removal occurs during a given year, the Discharger will have no obligation for biosolids monitoring. In this case, reporting shall explain the absence of this monitoring.

REPORTING

Monthly reports shall be submitted by the last day of the month following sampling and shall include all data collected or calculated over the previous month including:

1. Results of influent and effluent monitoring as required;

2. A summary of operational problems, plant and equipment malfunctions, and any diversion of reclaimed water which does not meet the requirements specified in this Order;

3. A record of equipment or process failures initiating an alarm, as well as any corrective and preventative measures taken, and

4. Results of reclamation use area monitoring described above.

Any discharge of untreated or partially treated wastewater to the reclamation areas shall be reported immediately (within 24 hours) by telephone to the Central Coast Water Board, the Division of Drinking Water, and the San Luis Obispo County Health Department.

Semiannual reports shall be submitted by the 30th day after the end of the sampling period. The Discharger may choose to combine this report with the corresponding monthly report, clearly identifying that both are included.

Annual reports combined with any updates to the engineering report on the production, distribution and use of reclaimed water or the preventative maintenance manual shall be submitted by January 30th of each year.

Annual reports shall be in accordance with Standard Provisions 2013 General Reporting Requirement C.16. Annual reports shall also be provided to the Division of Drinking Water, District 06 Office, 1180 Eugenia Place, Suite 200, Carpinteria, CA 93013.

ELECTRONIC SUBMITTAL

The Discharger shall electronically submit all reports/documents and laboratory data to the State Water Resources Control Board's GeoTracker[1] database for the Woodlands Mutual Water Company, San Luis Obispo County site GeoTracker No. WDR100036120 over the internet at:

http://www.waterboards.ca.gov/ust/electronic_submittal/index.shtml.

The table below summarizes all the electronic reporting requirements. Central Coast Water Board staff may request submittal of some documents on paper, particularly drawings or maps that require a large size to be readable, or in other electronic formats where evaluation of data is required.

[1] Information for first-time users is available here:
https://www.waterboards.ca.gov/ust/electronic_submittal/docs/beginnerguide2.pdf

GeoTracker Electronic Submittal Information (ESI) Data Requirements

Electronic Submittal	Description of Action	Action	Frequency
Reports and documents	Complete copy of all documents including monitoring reports (in searchable PDF format) and any other associated documents related to the facility.	Upload directly to GeoTracker all monitoring reports (in searchable PDF format) and any other associated documents.	On or before the due dates required by this Order and for other documents when requested by Central Coast Water Board staff.
Laboratory Data	All analytical data (including geochemical data) in electronic deliverable format (EDF). This includes all water, soil, and vapor samples collected when monitoring a discharge.	Direct your State Certified Laboratory staff to upload all laboratory data directly to GeoTracker.	On or before the due date of the required monitoring report.
Depth to groundwater	Monitoring wells must have the depth-to-water information reported. Report data only for wells defined as permanent sampling points.	Upload depth-to-water information to the GeoTracker GEO_WELL file.	On or before the due date of the required monitoring report.
Boring Logs and Well Screen intervals	Boring logs must be prepared by a registered professional and submitted in PDF format separately (not only as attachments to reports).	Upload boring logs (in searchable PDF format) to GeoTracker whenever a new boring is drilled.	Every time a new boring is drilled.
Location Data (Geo XY)	Survey and mark all permanent sampling locations (i.e., monitoring wells, drinking water wells, and permanent influent/effluent sampling locations). These data points are required prior to laboratory data uploads.	Upload the survey data to the GeoTracker Geo_XY file.	Every time a permanent monitoring point is established.
Elevation Data	Survey and mark the elevation at the top of groundwater well casings for all permanent groundwater wells. These points are	Upload the survey data to the GeoTracker GEO_Z file.	One-time, for all groundwater monitoring wells.

Electronic Submittal	Description of Action	Action	Frequency
(Geo Z)	required prior to depth-to-water data uploads.		
Geo Map	Site layout, map of facilities, wastewater treatment system, and disposal area(s).	Upload the Site layout PDF to the GeoTracker site plan file.	Year one and every five years thereafter and when the facilities are modified.

Ordered By_____
John M. Robertson
Executive Officer

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Date