

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION**

ORDER R7-2017-0020

WASTE DISCHARGE REQUIREMENTS
FOR
RIVERSIDE COUNTY, OWNER/OPERATOR
RIVERSIDE COUNTY SERVICE AREA 62
RIPLEY WASTEWATER TREATMENT PLANT
Ripley - Riverside County

The California Regional Water Quality Control Board, Colorado River Basin Region (Colorado River Basin Water Board), finds that:

1. Riverside County (Discharger) formed Service Area 62 to provide sewage services to the community of Ripley, and it owns and operates the Ripley Wastewater Treatment Plant (WWTP) located at 25871 Neighbors Boulevard (State Route 78), Ripley, California 92225.
2. The WWTP provides sewage services to approximately 500 residents with approximately 150 service connections. The WWTP (Assessor's Parcel Number 872-333-017-8) is in the southeast $\frac{1}{4}$ of the southeast $\frac{1}{4}$ of Section 34, Township 7 South, Range 22 East, San Bernardino Base & Meridian. Its latitude and longitude coordinates are 33.5164 degrees north and 114.664 degrees west.
3. The WWTP consists of two (2) mechanically aerated lined ponds, two (2) lined settling ponds, and (4) evaporation/percolation ponds for final disposal. The WWTP has a design treatment and disposal capacity of 150,000 gallons per day (gpd), but current flows average approximately 35,000 gpd.
4. The discharge from the WWTP is currently regulated by Waste Discharge Requirements (WDRs) Order R7-2003-0012, adopted by the Colorado River Basin water Board on May 7, 2003. The WWTP has previously been regulated also under WDRs Orders 90-063, adopted September 19, 1990; 85-050, adopted May 22, 1985; and 80-47, adopted July 9, 1980.
5. On December 13, 2016, the Discharger submitted a Report of Waste Discharge application to update the WDRs for the WWTP. This Order updates the WDRs to comply with current laws and regulations as set forth in the California Water Code (CWC) and the California Code of Regulations (CCR).
6. The Discharger and its WDRs are identified in the California Integrated Water Quality System (CIWQS) database by number CW-252780, and by Waste Discharge Identification (WDID) 7B330118001 and Geotracker Global ID number WDR100035682.
7. There are no domestic wells within 500 feet of the WWTP described in Finding 2, above.
8. Annual precipitation in the area averages about 4 inches. Annual evapotranspiration rate is approximately 70 inches.
9. Water supply to the community is from a groundwater well located about a mile to the northwest of the WWTP and three miles from the Colorado River to the east of Ripley

WWTP. The Total Dissolved Solids (TDS) concentration of the water supply averages about 1,460 mg/L, based on data reported in the Discharger's SMRs over the past five years. The Discharger reports that the depth to the groundwater at the well is about 130 below ground surface.

10. Depth to first-encountered groundwater in the vicinity of the WWTP is over 15 feet. The average TDS of the wastewater discharged into the evaporation/percolation ponds for the last five years is 1,720 mg/L. No other constituents of concerns are currently monitored.
11. Currently, there is a system of tile drains about eight (8) feet below the bottom of the evaporation/percolation ponds. The system was allegedly designed to prevent the groundwater table from rising. However, the system as designed and installed would intercept, not just groundwater but also wastes that percolate from the Discharger's disposal ponds. The system would discharge its intercepted contents into the Township Drain, which is a tributary to the Palo Verde Outfall Drain, which eventually flows into the Colorado River about 20 miles downstream.
12. The Township Drain, Palo Verde Outfall Drain, and Colorado River are waters of the United States. On May 24, 2017, the Discharger reported that is presently plugging its tile drain system to avoid potential discharges of pollutants into any surface waters because reportedly there has been no observed flow to the Township Drain directly south of the WWTP to date (since 1982). In a letter from the Discharger dated June 15, 2017, the Discharger provided evidence that it had excavated the two 8-inch tile drain pipes leading to the Township Drain and then capped both pipes.
13. The Discharger reports that currently their operation evaporates most of its wastewater in the four lined ponds. Only about 5-10 percent of the treated wastewater is disposed of into four evaporation/percolation ponds.
14. The Water Quality Control Plan for the Colorado River Basin (Basin Plan), which was adopted on November 17, 1993, and amended on March 7, 2017, designates beneficial uses, establishes water quality objectives, and contains implementation programs and policies to achieve those objectives for all waters addressed through the plan (including amendments adopted by the Colorado River Basin Water Board to date). Pursuant to section 13263(a) of the California Water Code (CWC), waste discharge requirements must implement the Basin Plan and take into consideration the beneficial uses to be protected, the water quality objectives reasonably required for that purpose, other waste discharges, the need to prevent nuisance, and the provisions of Water Code section 13241.
15. The beneficial uses of ground waters in the Colorado Hydrologic Unit are:
 - a. Municipal supply (MUN)
 - b. Industrial supply (IND)
 - c. Agricultural supply (AGR)
16. The Basin Plan designates the following beneficial uses for the Colorado River:
 - a. Municipal supply (MUN),
 - b. Industrial supply (IND),
 - c. Agricultural supply (AGR),
 - d. Aquaculture (AQUA),

- e. Groundwater Recharge (GWR),
 - f. Water Contact Recreation (REC I),
 - g. Non-Contact Water Recreation (REC II),
 - h. Warm Freshwater Habitat (WARM),
 - i. Cold Freshwater Habitats (COLD),
 - j. Wildlife Habitat (WILD),
 - k. Hydropower Generation (POW), and
 - l. Preservation of Rare, Threatened, or Endangered Species (RARE).
17. Section 13267 of the California Water Code (CWC) authorizes the regional water boards to require technical and monitoring reports. The burden, including costs, of these reports must bear a reasonable relationship to the need for the report and the benefits to be obtained from the reports. The Monitoring and Reporting Program (MRP) establishes monitoring and reporting requirements to implement federal and state requirements. The monitoring and reporting requirements in Monitoring and Reporting Program R7-2017-0020 are necessary to determine compliance with this Board Order. The State Water Board's electronic database, GeoTracker Information Systems, facilitates the submittal and review of monitoring and reporting documents. As such, the burden, including costs, of this monitoring bears a reasonable relationship to the need for that information and the benefits to be obtained from that information.
18. State Water Resources Control Board (State Water Board) Resolution 68-16 ("Policy with Respect to Maintaining High Quality Waters of the State") (Resolution 68-16) requires the Colorado River Basin Water Board in regulating the discharge of waste to maintain high quality waters of the State (i.e., historic background water quality) until it is demonstrated that any change in quality will be consistent with maximum benefit to the people of the State, will not unreasonably affect beneficial uses, and will not result in water quality less than as described in plans and policies (e.g. violation of any water quality objective). Moreover, if an activity may result in degradation to high quality waters, the Discharger is required to implement best practicable treatment or control (BPTC) of the discharge necessary to assure that pollution or nuisance will not occur, and that the highest water quality consistent with maximum benefit to the people will be maintained."
19. This Order authorizes limited degradation of groundwater by some waste constituents associated with the WWTP.
20. Constituents in domestic wastewater effluent that present the greatest risk to groundwater quality are nitrogen, coliforms (pathogen-indicator organisms), and Total Dissolved Solids (TDS). The Discharger's Self-Monitoring Reports (SMRs) from 2012 through 2016 shows no effluent limit violations of its current WDRs during this period and characterize the discharge to the evaporation/percolation ponds as having an average TDS concentration of 1,600 mg/L for the past five years.
21. This Order establishes groundwater limits equal to the primary and secondary maximum contaminant levels in Title 22. These groundwater limits are appropriate and protective of water quality. The Ripley WWTP provides a valuable service to the community that is protective of human health and the environment and contributes to economic development in the area. A centralized wastewater treatment system advances public health and water quality because there is less potential for negative impacts from individual wastewater systems, which are more likely to be improperly designed, sited, or maintained. These

factors when taken in conjunction with associated increase in waste constituents are consistent with maximum benefit to the people of the State.

22. The discharge of wastewater from the WWTP, as permitted herein, assure the discharge does not create a condition of pollution or nuisance, and that water quality will be maintained which is consistent with the anti-degradation provisions of Resolution 68-16. Accordingly, the discharge as authorized is consistent with the anti-degradation provisions of Resolution 68-16.
23. The discharge as authorized by this Order, and treatment and storage facilities associated with discharges of treated domestic wastewater, except for discharges of residual sludge and solid waste, are exempt from the requirements of the Consolidated Regulations for Treatment, Storage, Processing, or Disposal of Solid Waste, as set forth in Title 27, CCR, Division 2, Subdivision 1 (Title 27), commencing with section 20005. This exemption is based on section 20090(a) of Title 27, which states in relevant part that discharges of domestic sewage or treated effluent are exempt provided that such discharges are regulated by WDRs, or for which WDRs have been waived, and which are consistent with applicable water quality objectives, and treatment or storage facilities associated with municipal wastewater treatment plants, provided that residual sludges or solid waste from wastewater treatment facilities shall be discharged only in accordance with the applicable Title 27 provisions. The discharge is treated domestic wastewater. This Order regulates the discharge in a manner consistent with applicable surface and ground water quality objectives, and residual sludges or solid waste from the Facility will be managed pursuant to Title 27. All of these Title 27 exemptions have been met.
24. This Order increases the effluent monitoring frequency for the discharge to the evaporation/percolation ponds to ensure compliance with these WDRs and ensure adequate water quality protection.
25. It is the policy of the State of California that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes. This order promotes that policy by requiring discharges to meet maximum contaminant levels designed to protect human health and ensure that water is safe for domestic use.
26. In accordance with Section 15301, Chapter 3, Title 14 of the CCR, the issuance of these WDRs, which govern the operation of an existing facility involving negligible or no expansion of use beyond that previously existing, is exempt from the provisions of the California Environmental Quality Act (Public Resources Code, Section 21000 et seq.).
27. The Board has notified the Discharger and all known interested agencies and persons of its intent to update WDRs for this discharge and has provided them with an opportunity for a public meeting and an opportunity to submit comments.
28. The Board, in a public meeting, heard and considered all comments pertaining to this discharge.

IT IS HEREBY ORDERED, that Board Order R7-2003-0012 is rescinded upon the effective date of this Order, except for enforcement purposes, and in order to meet the provisions contained in

Division 7 of the California Water Code and regulations adopted thereunder, the Discharger shall comply with the following:

A. Prohibitions

1. Discharge of waste classified as “hazardous”, as defined in Title 23, CCR, section 2521(a), or “designated”, as defined in California Water Code section 13173, is prohibited.
2. The discharge of any wastewater from the WWTP to any surface waters or surface drainage courses is prohibited.
3. The discharge of waste to land not owned or controlled by the Discharger is prohibited.
4. Discharge of treated wastewater at a location or in a manner different from that described in Finding No. 2 above, is prohibited.
5. The Discharger shall not accept waste in excess of the design treatment capacity of the disposal system.
6. Bypass, overflow, discharge or spill of untreated or partially treated waste is prohibited except as provided in Provision D.10 below.

B. Effluent Limitations

1. Effluent discharged to the evaporation/percolation ponds for disposal shall not exceed the following effluent limits:

<u>Constituent</u>	<u>Units</u>	<u>Monthly Average</u>	<u>Weekly Average</u>
20° C BOD ₅ ¹	mg/L	45	65
Total Suspended Solids (TSS)	mg/L	95	----

2. Wastewater flow to the mechanically aerated lined ponds shall not exceed 50,000 gpd.
3. The pH of the discharge to the evaporation/percolation ponds shall not be below 6.0 or above 9.0.
4. The discharge to the evaporation/percolation ponds shall not contain a total dissolved solids (TDS) concentration that exceeds 400 mg/L above the water supply to the community.

C. Groundwater Limitations

1. Discharge from the WWTP shall not cause groundwater to:
 - a. Contain waste constituents in concentrations statistically greater than background water quality;
 - b. Contain constituents in excess of California Maximum Contaminant Levels (MCLs), as set forth in the California Code of Regulations, Title 22, section 64426.1 for

¹ 5-day Biochemical Oxygen Demand at 20 degrees Celsius.

bacteriological constituents; section 64431 for inorganic chemicals; section 64432.1 for nitrates; and section 64444 for organic chemicals;

- c. Acquire taste, odor, toxicity, or color that creates nuisance or impairs beneficial use.

D. Specifications

1. The treatment or disposal of wastes from this facility shall not cause pollution or nuisance as defined in Section 13050(l) and 13050(m) of Division 7 of the California Water Code.
2. A minimum depth of freeboard of two (2) feet shall be maintained at all times in each pond.
3. Public contact with non-disinfected wastewater shall be precluded through such means as fences, signs, and other acceptable alternatives. The non-disinfected wastewater is not approved for off-site distribution. Conspicuous signs shall be posted in a prominent location in each area where non-disinfected wastewater is stored on-site.
4. The WWTP shall be managed to prevent breeding of mosquitoes, in particular:
 - a. An erosion control program should assure that small coves and irregularities are not created around the perimeter of the water surface;
 - b. Weeds shall be minimized through control of water depth, harvesting, or herbicides.
 - c. Dead algae, vegetation, and debris shall not accumulate on the water surface.
5. The dissolved oxygen content in the upper zone (upper one foot) of the evaporation/percolation ponds shall not be less than 1.0 mg/L in order to control odors.
6. The WWTP shall be protected from any washout or erosion of wastes or covering material, and from any inundation, which could occur as a result of floods, having a predicted frequency of once in 100 years.

E. Provisions

1. The Discharger shall comply with Monitoring and Reporting Program No. R7-2017-0020 and revisions thereto, as specified by the Colorado River Basin Water Board's Executive Officer.
2. Prior to any modifications in this facility, which would result in material change in the quality or, quantity of wastewater treated or discharged, or any material change in the location of discharge, the Discharger shall report all pertinent information in writing to the Colorado River Basin Water Board and obtain revised requirements before any modifications are implemented.
3. Prior to any changes in ownership or management of this operation, the Discharger shall transmit a copy of this Board Order to the succeeding owner/operator, and forward a copy of the transmittal letter to the Colorado River Basin Water Board.
4. The Discharger shall ensure that all site-operating personnel are familiar with the content of this Board Order, and shall maintain a copy of this Board order at the site.
5. This Board Order does not authorize violation of any federal, state or local laws and regulations.

6. Facilities shall be available to keep the plant in operation in the event of commercial power failure.
7. The Discharger's wastewater facility shall be supervised and operated by persons possessing certification of appropriate grade pursuant to Section 3680, Chapter 26, Division 3, Title 23 of the California Code of Regulations. The Discharger shall ensure that all operating personnel are familiar with the contents of this Board Order.
8. The Discharger shall comply with all of the conditions of this Board Order. Any noncompliance with this Board Order constitutes a violation of the Porter-Cologne Water Quality Control Act and is grounds for enforcement action.
9. The Discharger shall, at all times, properly operate and maintain all systems and components of collection, treatment and control which are installed or used by the Discharger to achieve compliance with the conditions of this Board Order. Proper operation and maintenance includes effective performance, adequate process controls and appropriate quality assurance procedures. This provision requires the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of this Board Order. All systems both in service and reserved, shall be inspected and maintained on a regular basis. Records shall be kept of the inspection results and maintenance performed and made available to the Colorado River Basin Water Board upon demand.
10. The Discharger shall report orally, any noncompliance that may endanger human health or the environment. The noncompliance shall be reported immediately to the Colorado River Basin Water Board's Executive Officer at (760) 346-7491, and the California Office of Emergency Services at (800) 852-7550 as soon as:
 - a. The Discharger has knowledge of the discharge,
 - b. Notification is possible, and
 - c. Notification will not substantially impede cleanup or other emergency measures.

During non-business hours, the Discharger shall leave a message on the Colorado River Basin Water Board's office voice recorder at the above listed number. Incident information shall be provided orally as soon as possible and within 24 hours from the time the Discharger becomes aware of the incident. A written report shall also be provided within five (5) business days of the time the Discharger becomes aware of the incident. The written report shall contain a description of the noncompliance and its cause, the period of noncompliance, the anticipated time to achieve full compliance, and the steps taken or planned, to reduce, eliminate, and prevent recurrence of the noncompliance. The Discharger shall report all intentional or unintentional spills in excess of one thousand (1,000) gallons occurring within the WWTS or collection system to the Colorado River Basin Water Board office in accordance with the above time limits.

11. The Discharger shall allow the Colorado River Basin Water Board, or an authorized representative, upon presentation of credentials and other documents as may be required by law, to:
 - a. Enter upon the premises regulated by this Board Order, or the place where records must be kept under the conditions of this Board Order.
 - a. Have access to and copy, at reasonable times, any records that shall be kept under the conditions of this Board Order.

- b. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Board Order.
 - c. Sample or monitor at reasonable times, for the purpose of assuring compliance with this Board Order or as otherwise authorized by the California Water Code, any substances or parameters at this location.
- 12. The Discharger shall comply with the following:
 - a. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
 - b. The Discharger shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this Board Order, and records of all data used to complete the application for this Board Order, for a period of at least 5 years from the date of the sample, measurement, report or application.
 - c. Records of monitoring information shall include:
 - 1. The date, exact place, and time of sampling or measurements.
 - 2. The individual(s) who performed the sampling or measurements.
 - 3. The date(s) analyses were performed.
 - 4. The individual(s) who performed the analyses.
 - 5. The results of such analyses.
- 13. Sludge use and disposal shall comply with Federal and State laws and regulations, including permitting requirements, and technical standards in 40 CFR Part 503. If the State and Regional Water Boards are delegated the authority to implement 40 CFR Part 503 regulations, this Order may be revised to incorporate appropriate time schedules and technical standards. The Discharger shall comply with the standards and time schedules in 40 CFR part 503, whether or not part of this Order.
- 14. The Discharger shall provide a plan within 90 days as to the method, treatment, handling and disposal of sludge that is consistent with all State and Federal laws and regulations and obtain prior written approval from the Colorado River Basin Water Board specifying location and method of disposal, before disposing of treated or untreated sludge, or similar solid waste.
- 15. Any proposed change in use or disposal of sludge requires the approval of the Colorado River Basin Water Board Executive Officer, and U.S. Environmental Protection Agency Regional Administrator, who must be notified at least 90 days in advance of the change.
- 16. The Discharger shall maintain a permanent log of all solids hauled away from the treatment facility for use/disposal elsewhere and shall provide a summary of the volume, type (screenings, grit, raw sludge, digested sludge), use (landfill, wastewater treatment facility, etc.), and the destination in accordance with the MRP of this Board Order.
- 17. The Discharger shall provide a report within 90 days to the Colorado River Basin Water Board when it determines that the system's average dry-weather flow rate for any month exceeds 80 percent of the design capacity. The report should indicate what steps the

Discharger intends to take to provide for the expected wastewater treatment capacity necessary when the plant reaches design capacity.

18. The Discharger is the responsible party for the WDRs and the monitoring and reporting program for the facility. The Discharger shall comply with all conditions of these WDRs. Violations may result in enforcement actions, including Colorado River Basin Water Board Orders or Court Orders, requiring corrective action or imposing civil monetary liability, or in modification or revocation of these WDRs by the Colorado River Basin Water Board.
19. The Discharger shall furnish, under penalty of perjury, technical monitoring program reports, and such reports shall be submitted in accordance with the specifications prepared by the Colorado River Basin Water Board's Executive Officer and in Monitoring and Reporting Program R7-2017-0020. Such specifications are subject to periodic revisions as may be warranted.
20. This Board Order is subject to Colorado River Basin Water Board review and updating, as necessary, to comply with changing state or federal laws, regulations, policies, or changes in the monitoring or discharge characteristics.

I, Jose Angel, Executive Officer, do hereby certify the foregoing is a full, true and correct copy of an Order adopted by the California Regional Water Quality Control Board, Colorado River Basin Region, on June 30, 2017.


JOSE L. ANGEL, P.E.
Executive Officer

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION**

MONITORING AND REPORTING PROGRAM R7-2017-0020
FOR
RIVERSIDE COUNTY, OWNER/OPERATOR
RIVERSIDE COUNTY SERVICE AREA NO. 62
WASTEWATER TREATMENT FACILITY
Ripley - Riverside County

Location of Discharge: SE ¼ of the SE ¼ of Section 34, T7S, R22E, SBB&M

MONITORING

1. This Monitoring and Reporting Program (MRP) describes requirements for monitoring a wastewater system and groundwater quality (when needed). This MRP is issued pursuant to California Water Code section 13267. The Discharger shall not implement any changes to this MRP unless and until a revised MRP is issued by the Executive Officer.
2. Water Code section 13267 states, in part:

“In conducting an investigation specified in subdivision (a), the Colorado River Basin Water Board may require that any person who has discharged, discharges, or is suspected of having discharged or discharging, or who proposes to discharge waste within its region, or any citizen or domiciliary, or political agency or entity of this state who has discharged, discharges, or is suspected of having discharged or discharging, or who proposes to discharge, waste outside of its region that could affect the quality of waters within its region shall furnish, under penalty of perjury, technical or monitoring program reports which the Colorado River Basin Water Board requires. The burden, including costs, of these reports shall bear a reasonable relationship to the need for the report and the benefits to be obtained from the reports. In requiring those reports, the Colorado River Basin Water Board shall provide the person with a written explanation with regard to the need for the reports, and shall identify the evidence that supports requiring that person to provide the reports.”
3. Water Code section 13268 states, in part:

“(a) (1) Any person failing or refusing to furnish technical or monitoring program reports as required by subdivision (b) of § 13267, or failing or refusing to furnish a statement of compliance as required by subdivision (b) of Section 13399.2, or falsifying any information provided therein, is guilty of a misdemeanor, and may be liable civilly in accordance with subdivision (b). (b) (1) Civil liability may be administratively imposed by a Colorado River Basin Water Board in accordance with Article 2.5 (commencing with § 13323) of Chapter 5 for a violation of subdivision (a) in an amount which shall not exceed one thousand dollars (\$1,000) for each day in which the violation occurs.”
4. The Discharger owns and operates the wastewater system that is subject to Board Order R7-2017-0020. The reports are necessary to ensure that the Discharger complies with the Order.

Pursuant to Water Code section 13267, the Discharger shall implement the MRP and shall submit the monitoring reports described herein.

5. All samples shall be representative of the volume and nature of the discharge or matrix of material sampled. The time, date, and location of each grab sample shall be recorded on the sample chain of custody form. If composite samples are collected, the basis for sampling (time or flow weighted) shall be approved by Colorado River Basin Water Board staff.
6. Field test instruments (such as those used to test pH, dissolved oxygen, and electrical conductivity) may be used provided that:
 - a. The user is trained in proper use and maintenance of the instruments;
 - b. The instruments are field calibrated prior to monitoring events at the frequency recommended by the manufacturer;
 - c. Instruments are serviced and/or calibrated by the manufacturer at the recommended frequency; andField calibration reports are submitted as described in the "Reporting" section of this MRP.
7. The collection, preservation and holding times of all samples shall be in accordance with United States Environmental Protection Agency (USEPA) approved procedures. Unless otherwise approved by the Colorado River Basin Water Board's Executive Officer, all analyses shall be conducted by a laboratory certified by the State Department of Health Services. All analyses shall be conducted in accordance with the latest edition of the "Guidelines Establishing Test Procedures for Analysis of Pollutants" (40 CFR Part 136), promulgated by the USEPA.
8. Samples shall be collected at the location specified in the Permit. If no location is specified, sampling shall be conducted at the most representative sampling point available.
9. If the facility is not in operation, or there is no discharge during a required reporting period, the Discharger shall forward a letter to the Colorado River Basin Water Board indicating that there has been no activity during the required reporting period.

INFLUENT MONITORING

10. Influent to the WWTP shall be monitored according to the following schedule:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Monitoring Frequency</u>	<u>Reporting Frequency</u>
Discharge Flow Rate	gpd ²	Meter Reading	Daily	Monthly
20°C BOD ₅ ³	mg/L ⁴	Grab at Peak Flow	Monthly	Monthly
Total Suspended Solids	mg/L	Grab at Peak Flow	Monthly	Monthly

² gallons per day

³ 5-day Biochemical Oxygen Demand at 20 degrees Celsius.

⁴ milligrams per Liter

EFFLUENT MONITORING

11. Wastewater discharged into the evaporation/percolation ponds shall be monitored according to the following schedule:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Monitoring Frequency</u>	<u>Reporting Frequency</u>
20°C BOD ₅	mg/L ⁵	Grab at Peak Flow	Monthly	Monthly
Total Dissolved Solids	mg/L ⁶	Grab at Peak Flow	Monthly	Monthly
Nitrate (as Nitrogen)	mg/L	Grab	Monthly	Monthly
Total Nitrogen	mg/L	Grab	Quarterly	Quarterly
Hydrogen ion (pH)	pH Units	Grab	Monthly	Monthly
Dissolved Oxygen	mg/L	Grab	Monthly	Monthly
Total Suspended Solids	mg/L	Grab at Peak Flow	Monthly	Monthly

SLUDGE MONITORING

The Discharger shall report annually on the quantity, location and method of disposal of all sludge and similar solid materials being produced at the WWTP. The sludge that is generated at the treatment facility shall be sampled and analyzed for the following:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>	<u>Reporting Frequency</u>
Arsenic	mg/kg	Composite	Annually	Annually
Cadmium	mg/kg	Composite	Annually	Annually
Chromium	mg/kg	Composite	Annually	Annually
Copper	mg/kg	Composite	Annually	Annually
Lead	mg/kg	Composite	Annually	Annually
Mercury	mg/kg	Composite	Annually	Annually
Molybdenum	mg/kg	Composite	Annually	Annually
Nickel	mg/kg	Composite	Annually	Annually
Selenium	mg/kg	Composite	Annually	Annually
Zinc	mg/kg	Composite	Annually	Annually
Total Petroleum Hydrocarbons (TPH)	µg/L	Composite	Annually	Annually
Fecal Coliform	MPN/100 mg	Grab	Annually	Annually

⁵ gallons per day

⁶ milligrams per Liter

In the event no sludge is generated, the Discharger shall submit a report that states: "No sludge has been generated".

WATER SUPPLY TO THE COMMUNITY

The water supply shall be monitored for the following constituent. The sample analyzed shall be weighted average of all sources.

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>	<u>Reporting Frequency</u>
Total Dissolved Solids (TDS)	mg/L	Grab	Monthly	Monthly

OPERATION AND MAINTENANCE


The Discharger shall document, report any operation/maintenance problems annually. In addition, calibration of flow meters and equipment shall be performed in a timely manner and documented.

REPORTING

1. The Discharger shall arrange the data in tabular form so that the specified information is readily discernible. The data shall be summarized in such a manner as to clearly illustrate whether the facility is operating in compliance with waste discharge requirements.
2. Records of monitoring information shall include:
 - a. The date, exact place, and time of sampling or measurement(s);
 - b. The individual(s) who performed the sampling or measurement(s);
 - c. The date(s) analyses were performed;
 - d. The individual(s) who performed the analyses;
 - e. The analytical techniques or method used; and
 - f. The results of such analyses.
3. The results of any analysis take, more frequently than required at the locations specified in this Monitoring and Reporting Program shall be reported to the Colorado River Basin Water Board.
4. Monitoring reports shall be certified under penalty of perjury to be true and correct, and shall contain the required information at the frequency designated in this monitoring report.
5. Each report shall contain the following statement:

"I declare under the penalty of law that I have personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties

- for submitting false information, including the possibility of a fine and imprisonment for knowing violations".
6. A duly authorized representative of the Discharger may sign the documents if:
 - a. The authorization is made in writing by the person described above;
 - b. The authorization specified an individual or person having responsibility for the overall operation of the regulated disposal system; and
 - c. The written authorization is submitted to the Colorado River Basin Water Board's Executive Officer.
 7. Reporting of any failure in the facility (wastewater facility, collection and disposal systems) shall be as described in Provision No. 10. Results of any analysis performed as a result of a failure of the facility shall be provided within ten (10) days after collection of the samples.
 8. The Discharger shall attach a cover letter to the Self-Monitoring Report. The information contained in the cover letter shall clearly identify violations of the WDRs, discuss corrective actions taken or planned and the proposed time schedule of corrective actions. Identified violations should include a description of the requirement that was violated and a description of the violation.
 9. Daily, semi-weekly and monthly monitoring reports shall be submitted to the Colorado River Basin Water Board by the 15th day of the following month. Quarterly monitoring reports shall be submitted to the Colorado River Basin Water Board by January 15, April 15, July 15, and October 15, of each year. Annual monitoring reports shall be submitted to the Colorado River Basin Water Board by January 15 of each year.
 10. The Discharger shall comply with the Electronic Submittal of Information (ESI) requirements by submitting all correspondence and reports required under Monitoring and Reporting Program (MRP) R7-2017-0020, and future revisions thereto, including groundwater monitoring data and discharge location data (latitude and longitude), correspondence, and pdf monitoring reports to the State Water Resources Control Board Geotracker database. Documents that are 2.0 MB or larger should be broken down into smaller electronic files, labelled properly and uploaded into Geotracker.

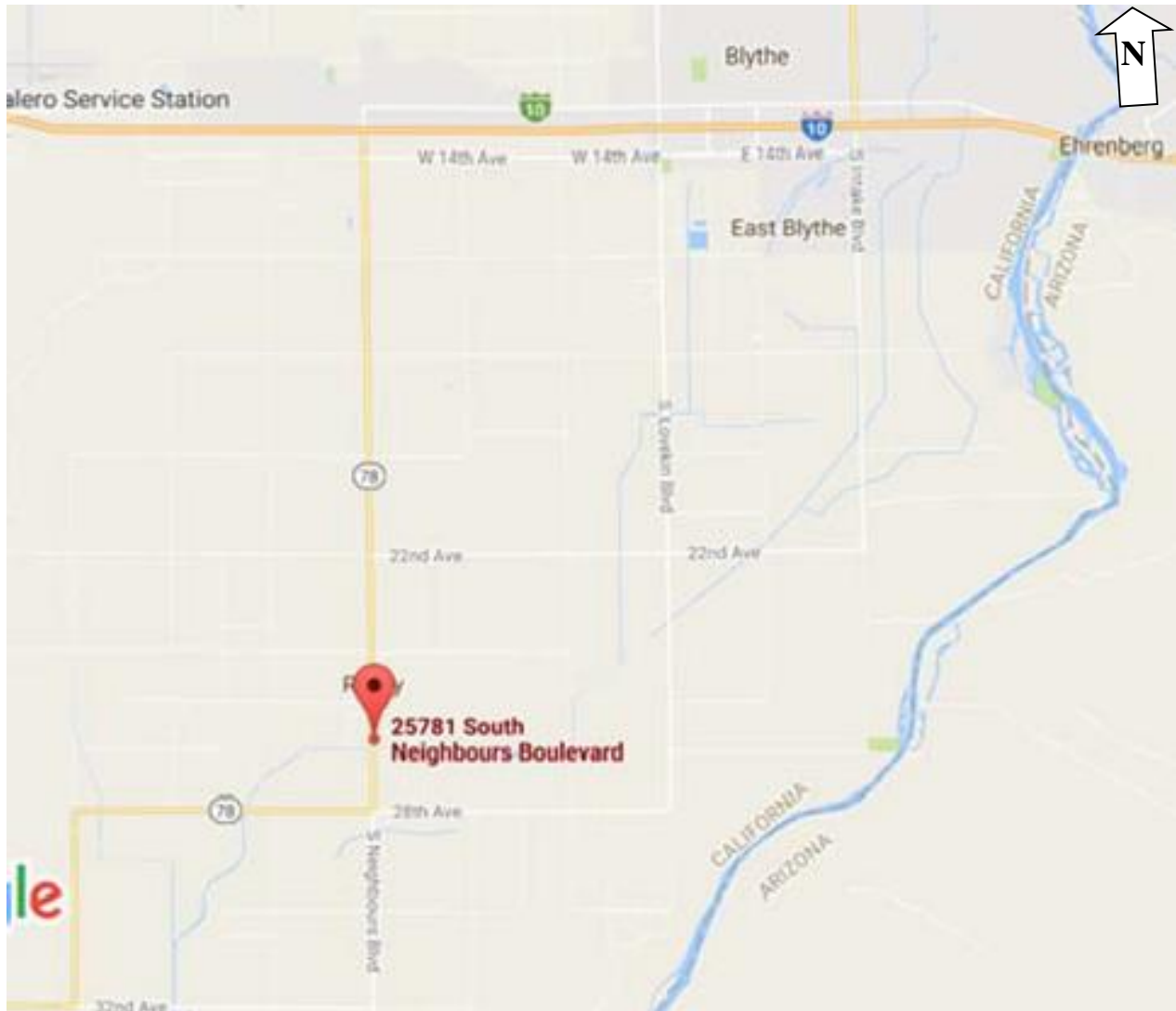


JOSE L ANGEL, P.E.
Executive Officer

June 30, 2017
Date

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - COLORADO RIVER
BASIN REGION**

ATTACHMENT A



Board Order R7-2017-0020

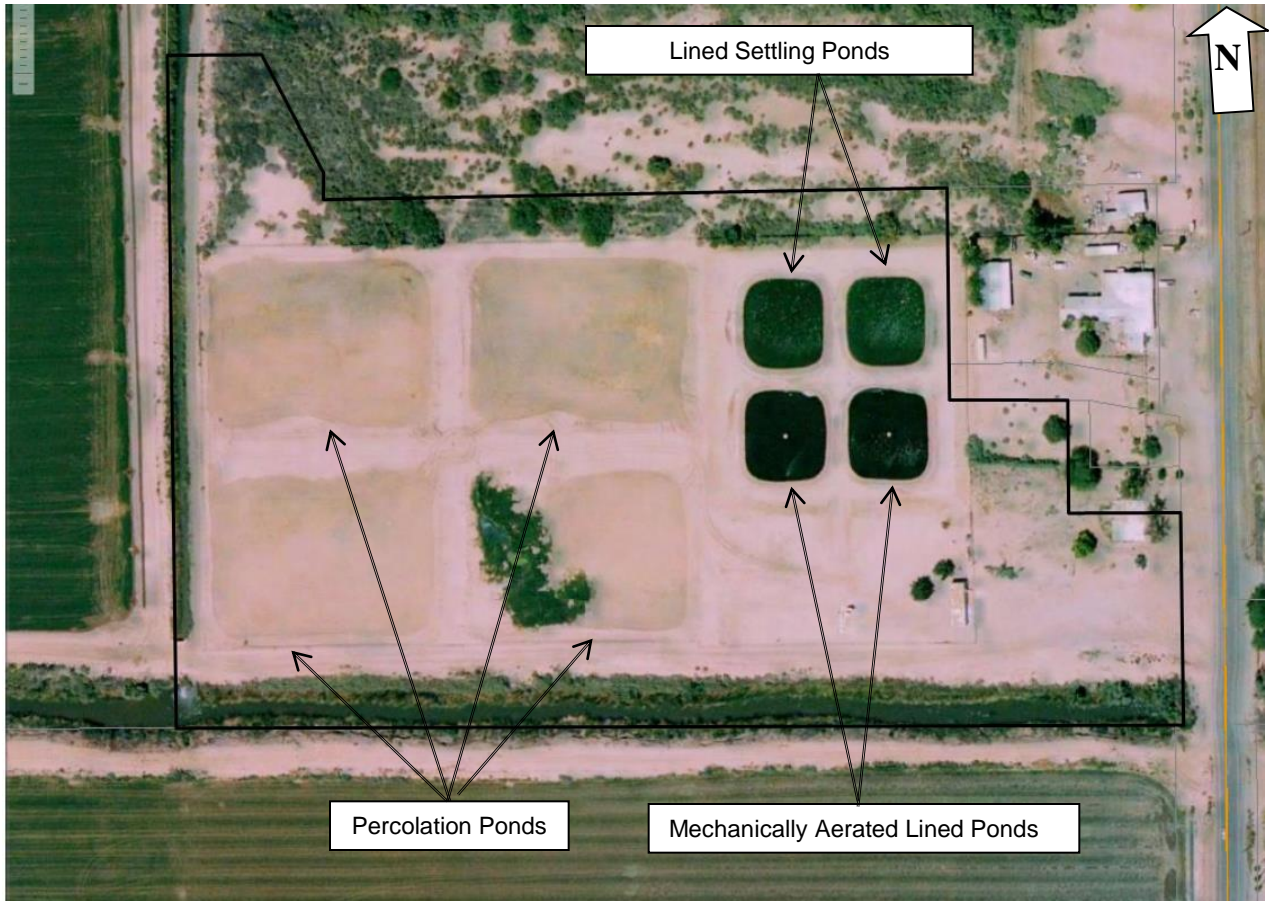
VICINITY MAP

**RIVERSIDE COUNTY, OWNER/OPERATOR
RIVERSIDE COUNTY SERVICE AREA 62
SEPTIC TANK/EVAPORATION/PERCOLATION POND DISPOSAL FACILITIES
WASTEWATER TREATMENT FACILITY
Ripley - Riverside County**

Location of Discharge: SE ¼ of the SE ¼ of Section 34, T7S, R22E, SBB&M

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - COLORADO RIVER
BASIN REGION**

ATTACHMENT B



Board Order R7-2017-0020

SITE MAP

RIVERSIDE COUNTY, OWNER/OPERATOR
RIVERSIDE COUNTY SERVICE AREA 62
WASTEWATER TREATMENT FACILITY
Ripley - Riverside County

Location of Discharge: SE $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Section 34, T7S, R22E, SBB&M

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - COLORADO RIVER
BASIN REGION**

ATTACHMENT C

Board Order R7-2017-0020

RIVERSIDE COUNTY, OWNER/OPERATOR
RIVERSIDE COUNTY SERVICE AREA 62
WASTEWATER TREATMENT FACILITY
Ripley - Riverside County

Wastewater Flow Diagram

