

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

BOARD ORDER R7-2017-0014

WASTE DISCHARGE REQUIREMENTS
FOR GEORGE FIELD JR. AND LORI FIELD,
OWNER/OPERATORS U.S. BUREAU OF LAND MANAGEMENT,
LANDOWNER BLACK MEADOW LANDING
SEPTIC TANK/EVAPORATION-PERCOLATION POND DISPOSAL FACILITIES
Northwest of Parker Dam -San Bernardino County

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

1. George Field Jr. and Lori Field own and operate Black Meadow Landing (Facility) located at 156100 Black Meadow Road, Parker Dam, California; and they submitted an updated Report of Waste Discharge, dated August 27, 2015. The U.S. Bureau of Land Management (BLM) is the owner of the property.¹ The BLM, George Field Jr. and Lori Field are collectively referred to as Discharger².
2. The Facility discharges a maximum of 50,000 gallons-per-day (gpd) of domestic sewage from an existing mobile home and recreational vehicle park (RV Park). The RV Park consists of 56 mobile home spaces, 52 motel units, 370 RV spaces, 85 campsites, a restaurant, laundry room and 6 restrooms. The occupancy of the Facility averages about 50-60 percent throughout the year, with a year-round population of 10-15 persons. The wastewater is discharged into septic tanks and pumped over 1,000 feet into one of three evaporation-percolation ponds. The evaporation-percolation ponds are alternated periodically to maximize percolation and have an estimated volume capacity of 300,000 gallons each with two feet of freeboard.
3. The evaporation-percolation ponds are located in the southwest 1/4 of the NE 1/4 of Section 13, Township 3 North, Range 26 East, San Bernardino Base & Meridian, as shown in the vicinity map in Attachment A, incorporated herein and made a part of this Order. The San Bernardino County Assessor's Parcel Number (APNs) for the Facility is 0649-051-03W-001; and its latitude and longitude coordinates are

¹ Federal agencies are immune from state regulation unless the federal government has explicitly waived its sovereign immunity. Clean Water Act section 313 waives sovereign immunity for state regulation of water pollution. (State Water Board Order WQ 85-1, In the Matter of the Petition of Robert James Claus).

² George Field Jr. and Lori Field. have assumed responsibility for compliance with this Board Order. However, property owners remain responsible for the condition of the land and any wastes discharged at their property. (See e.g. State Board WQO 86-11, In the Matter of the Petition of Southern California Edison Company). In the event George Field Jr. and Lori Field fail to control the discharge or to comply with this Board Order, the Colorado River Basin Water Board has the discretion to place responsibility on a property owner.

34.351 degrees north and 114,195 degrees west. The Facility is at the end of Black Meadow Landing Road, which is about 10 miles northwest of Parker Dam, as shown in the site map in Attachment B, incorporated herein and made a part of this Order.

4. The discharge from the facility is currently regulated by Waste Discharge Requirements Order 00-0075, adopted by the Colorado River Basin water Board on January 28, 2000. The Facility has previously been regulated also under Board Orders 90-003, adopted January 17, 1990; 84-081, adopted September 19, 1984; and 77-56, adopted September 21, 1977; and Resolution 69-17, adopted June 13, 1969; and Resolution 66-5 adopted March 31, 1966.
5. Black Meadow Landing and these WDRs are identified in the California Integrated Water Quality System (CIWQS) database by number CW-209715, and by Waste Discharge Identification (WDID) 7B361044011 and Geotracker Global ID number WDR100027904.
6. 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).
7. This Board Order regulates the entire wastewater collection, treatment and disposal system (WWTS) at Black Meadow Landing. The WWTS at Black Meadow Landing consists of collection lines, septic tanks, holding tanks, lift stations with pump lines and the three evaporation-percolation ponds. Solids that accumulate in the primary septic tanks are periodically pumped by a licensed septage hauler for offsite disposal at a facility permitted for that purpose.
8. Annual precipitation in the vicinity averages about 4 inches per year.
9. The evaporation rate is about 84 inches per year and varies by season, with highest evaporation rates occurring during the months of May through August, and the lowest during the months of November through February.
10. There are no domestic wells within 500 feet of the disposal ponds described in Finding No. 2, above. The water supply for the RV Park is pumped from a well next to the Colorado River into a storage tank. The water has a total dissolved solids (TDS) concentration of about 1080 mg/L. The depth to groundwater is approximately 150 feet in the area of the ponds.
11. The evaporation-percolation ponds are situated about one-quarter mile west of the Colorado River on a rocky alluvial fan where the soil is moderately permeable.
12. 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.

13. The discharge is within the Colorado Hydrologic Unit. The Basin Plan designates the following beneficial uses for groundwater in the Colorado Hydrologic Unit:

- a. Municipal supply (MUN)
- b. Industrial supply (IND)
- c. Agricultural supply (AGR)

14. The discharge is within a groundwater basin draining to the Colorado River. 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).

15. Discharges from RV holding tanks or portable toilets may contain chemicals that can pollute groundwater quality. Some commercially available products used to control holding tank/portable toilet odors may contain harmful chemicals such as formaldehyde, zinc, or phenol. The harmful chemicals can kill the bacteria in the wastewater treatment system and cause wastewater to be inadequately treated. Discharge of the harmful chemicals to groundwater that creates pollution may result in enforcement activities requiring groundwater remediation. The best and least expensive method to prevent groundwater pollution from these harmful chemicals is to educate RV owners about the pollution hazard.

16. These WDRs implement numeric and narrative water quality objectives for groundwater as established by the Basin Plan. The numeric objectives for groundwater designated for municipal and domestic supply are the maximum contaminant levels (MCL), and bacteriological limits specified in Section 64421 et seq. of Title 22, California Code of Regulations (CCR). The narrative objectives are: groundwater for use as domestic or municipal water supply (MUN) shall not contain taste or odor-producing substances in concentrations that adversely affect beneficial uses as a result of human activity (Basin Plan, page 3-8).

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 R7-2017-0014 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 surface and groundwater by some waste constituents associated with the Facility.

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 during this period and characterize the discharge to the ponds as follows:

Black Meadow Landing Five Years Sampling Results

Parameter	2012	2013	2014	2015	2016	Yearly Average
TDS in mg/L	1200	1100	1400	1300	1200	1240
VOC in ug/L	ND	ND	ND	ND	ND	ND
Nitrate as (NO ₃ -N) in mg/L	5	4.7	6.8	8	8.9	6.68
Total Nitrogen as (TN) in mg/L	5	7.4	6.8	12	12	8.64

pH	7.8	7.82	8	8.6	7.68	7.98
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21. This Order increases the effluent monitoring frequency for the discharge to the evaporation-percolation ponds for a period of 12 months to better characterize the discharge to the ponds and threat to water quality and to potentially require groundwater monitoring at the site. In addition, a second monitoring station at the main lift station is proposed, and it will be monitored monthly for a period of 12 months and quarterly thereafter.
22. 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. Black Meadow Landing 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 at the RV Park 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.
23. The discharge of wastewater from the Facility, 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.
24. 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.
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 Colorado River Basin Water Board has notified the Discharger and all known interested agencies and persons of its intent to update WDRs for said discharge and has provided them with an opportunity for a public meeting and an opportunity to submit comments.

28. The Colorado River Basin Water Board, in a public meeting, heard and considered all comments pertaining to this discharge.

IT IS HEREBY ORDERED, that Board Order 00-075 is rescinded upon the adoption 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. Discharge of treated wastewater at a location other than the designated disposal areas is prohibited.
3. The WWTS shall be maintained to prohibit sewage or treated effluent from surfacing or overflowing.
4. The discharge of any wastewater from the Facility to any surface waters or surface drainage courses is prohibited.
5. Surfacing or ponding of wastewater outside of the designated disposal locations is prohibited.
6. Bypass, overflow, discharge, or spill of untreated or partially treated waste is prohibited.

B. Effluent Limitations

1. Wastewater flow to the evaporation-percolation ponds shall not exceed 50,000 gpd.

2. The wastewater in the main lift station upstream of the evaporation-percolation ponds shall not contain a total dissolved solids (TDS) concentration that exceeds 300 mg/L above the water supply to the Facility.

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 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 at this Facility shall not cause pollution or nuisance as defined in sections 13050(l) and 13050(m) of Division 7 of the California Water Code, respectively.
2. The evaporation-percolation ponds shall be designed and operated to maintain a minimum freeboard of two (2) feet at all times.
3. The evaporation-percolation ponds 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.
4. The evaporation-percolation ponds shall have sufficient capacity to accommodate design seasonal precipitation based on a 100-year flood event, distributed monthly in accordance with historical rainfall patterns.
5. Public contact with un-disinfected wastewater shall be precluded through such means as fences, signs, and other acceptable alternatives.
6. No wastewater other than domestic wastewater shall be discharged into the sewage disposal system described in Finding No. 2, above.

7. Disposal into the ponds shall be conducted in such a manner that there shall be no stranded or exposed sewage solids.
8. A surface aerobic environment shall be maintained in each pond to mitigate odor complaints. The dissolved oxygen content in the upper zone (one foot) of accumulated wastewater in the evaporation-percolation ponds shall not be less than 1.0 mg/L.
9. All septic tanks shall be accessible for cleaning and inspection.
10. Adequate measures shall be taken to assure that flood or surface drainage waters do not erode or otherwise render portions of the discharge facilities inoperable.

E. Special Provisions

1. Within **three months** of the adoption of this Board Order, the Discharger shall submit to the Colorado River Basin Water Board's Executive Officer for approval, a report in the form of a letter to initiate and implement a public awareness program for the residents and tenants of the RV Park to prevent the disposal of deleterious RV chemical treatment additives into the WWTS.
2. Upon approval the letter report in Provision E.1, the Discharger shall initiate and implement a public awareness program as set forth in the Technical Report within **three months**.

F. Standard Provisions

1. The Discharger shall comply with all of the conditions of this Board Order. Noncompliance is a violation of the Porter-Cologne Water Quality Control Act (CWC, section 13000 et seq.), and is grounds for enforcement action.
2. The Discharger shall comply with "Monitoring and Reporting Program R7-2017-0014 and future revisions thereto, which is incorporated herein and made a part of this Board Order by reference, as specified by the Colorado River Basin Water Board's Executive Officer.
3. Prior to any modifications of the Facility which would result in a 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.
4. Prior to any change in ownership or management of this facility, the Discharger shall transmit a copy of this Order to the succeeding owner/operator, and forward a copy of the transmittal letter to the Colorado River Basin Water Board prior to the effective of the change. The Colorado River Basin Water Board may amend this Order to the name the new owner or operator.

5. The Discharger shall ensure that all site operating personnel are familiar with the content of this Order and shall maintain a copy of this Order at the site.
6. This Order does not authorize violation of any federal, state, or local laws or regulations.
7. Back-up systems shall be available to keep the WWTS in operation in the event of commercial power failure.
8. 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 Order, or the place where records must be kept under the conditions of this Order;
 - b. Have access to and copy, at reasonable times, any records that shall be kept under the conditions of this Order;
 - c. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Order; and
 - d. Sample or monitor at reasonable times, for the purpose of assuring compliance with this Order or as otherwise authorized by the California Water Code, any substances or parameters at this location.
9. The Discharger shall comply with all of the conditions of this Order. Any noncompliance with this Order constitutes a violation of the Porter-Cologne Water Quality Control Act and is grounds for enforcement action.
10. The 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.
11. The Discharger shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) that are installed or used by the Discharger to achieve compliance with this Order. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. This provision requires the operation of backup or auxiliary facilities or similar systems which are installed by a Discharger only when necessary to achieve compliance with the conditions of this Order.
12. This Order does not convey any property rights of any sort or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.
13. Unless otherwise approved by the Colorado River Basin Water Board's Executive Officer, all analyses shall be conducted at a laboratory certified for such analyses. All analyses shall be conducted in accordance with the latest edition of "Guidelines Establishing Test Procedures for Analysis of Pollutants", promulgated by the United States Environmental Protection Agency.

14. 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.
15. The Discharger shall retain records of all monitoring information including all calibration and maintenance records, copies of all reports required by this Order, and records of all data used to complete the application for this Order. Records shall be maintained for a minimum of three years from the date of the sample, measurement, or report. This period may be extended during the course of any unresolved litigation regarding this discharge or when requested by the Colorado River Basin Water Board's Executive Officer.
16. All maintenance performed shall be reported with the monitoring reports as required.
17. Disposal of oil and grease, biosolids, screenings, and other solids collected from liquid wastes shall be pursuant to Title 27, and the review and approval of the Colorado River Basin Water Board's Executive Officer.
18. The Discharger shall dispose of the untreated sludge from the septic tanks via a licensed hauler to an offsite facility permitted for that purpose unless the Discharger has obtained written approval from the Colorado River Basin Water Board's Executive Officer authorizing another disposal method. The Discharger shall submit a Sludge Management Plan specifying the proposed location and method of disposal, before disposing of treated or untreated sludge, or similar solid waste materials from the Facility. In addition, the Discharger shall provide the results of any sludge analyses as specified by the Colorado River Basin Water Board's Executive Officer.
19. The Discharger shall remove and relocate any wastes which are discharged at this site in violation of these requirements.
20. The Colorado River Basin Water Board will review this Order periodically and may revise requirements when necessary.
21. All employees of this Facility shall receive training on how to minimize pollutant discharges to the evaporation percolation ponds. This instruction should include the following topics:
 - a. Proper disposal of materials handled at the Facility.
 - b. Methods to wash tools and other objects so that no contaminants are introduced into the evaporation-percolation ponds.
 - c. Methods to wash hands so that no contaminants are introduced into the evaporation-percolation ponds.

22. The Discharger shall report any noncompliance which may endanger health or the environment. Any such information 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. A written submittal shall also be provided within five days of the time the Discharger becomes aware of the circumstances. The written submittal shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times; and if the noncompliance has not been corrected, the anticipated time it is expected to continue and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. The Colorado River Basin Water Board's Executive Officer, or an authorized representative, may waive the written report on a case-by-case basis, if the oral report has been received within 24 hours.
23. All monitoring instruments and devices used by the Discharger to fulfill the prescribed monitoring program shall be properly maintained and calibrated as necessary to ensure their continued accuracy.
24. 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 Executive Officer and in Monitoring and Reporting Program R7-2017-0014. Such specifications are subject to periodic revisions as may be warranted.
25. 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) R7-2017-0014, 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 <https://geotracker.waterboards.ca.gov/database>. Documents that are normally mailed by the Discharger, such as regulatory documents, narrative technical monitoring program reports, and such reports submissions, materials, data, and correspondence, to the Colorado River Basin Water Board shall also be uploaded into GeoTracker in the appropriate Microsoft software application, such as word, excel, or an Adobe Portable Document Format (PDF) file. Large documents are to be split into manageable file sizes appropriately labelled and uploaded into GeoTracker.
26. This Board Order does not authorize violation of any federal, state, or local laws or regulations.
27. This Board Order may be modified, rescinded, or reissued, for cause. The filing of a request by the Discharger for a Board Order modification, rescission or reissuance, or notification of planned changes or anticipated noncompliance, does not stay any Board Order condition. Causes for modification include a change in land application plans, or sludge use or disposal practices, and adoption of new regulations by the State or Colorado River Basin Water Board (including revisions to the Basin Plan), or Federal government.

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 May 19, 2017.

Signed by Jose L. Angel on May 19, 2017

JOSE L. ANGEL, P.E.
Executive Officer

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

MONITORING AND REPORTING PROGRAM R7-2017-0014
FOR
UNITED STATES BUREAU OF LAND MANAGEMENT, LAND OWNER
GEORGE FIELD JR. AND LORI FIELD, OWNER/OPERATORS
BLACK MEADOW LANDING
SEPTIC TANK/EVAPORATION-PERCOLATION BASIN DISPOSAL FACILITIES

Northwest of Parker Dam -San Bernardino County

Location of Discharge: Portion of NW 1/4 of Section 2, NE 1/4 of Section 3, T1N, R26E,
and portion of SW 1/4 of Section 35, T2N, R26E, 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 R7-2017-0014. 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; and
 - d. Field 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 U. S. Environmental Protection Agency approved procedures. Unless otherwise approved by the Colorado River Basin Water Board Executive Officer, all analyses shall be conducted by a certified laboratory. 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. 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 five (5) years from the date of the sample, measurement, report or application. 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.
9. Compliance with the discharge limitations shall be determined at the end of the discharge pipe.
10. 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.
11. The Discharger shall submit the following information in an annual status report:
- a. Estimate of maximum daily flow (gpd) of sewage discharged to system.
 - b. Number of RV spaces and restrooms connected to the sewerage system.
 - c. List any proposed changes in the sewage disposal facilities during the coming year.
 - d. Explain any problems in the sewage treatment and disposal systems during the preceding year.
12. Source Water Supply monitoring
- a. **Within 30 days following adoption of this Order**, the Discharger shall submit a technical report in the form of work plan to establish a sampling location to obtain representative samples of the TDS of the source water for the RV Park and sample the location on a monthly basis. The work plan shall be subject to the approval of the Executive Officer.
 - b. **Within 30 days following approval of the work plan**, the Discharger shall begin implementing the work plan and submit the monthly TDS results along with its monthly self-monitoring report to the Colorado River Basin Water Board.
13. Flow discharged to the evaporation-percolation ponds shall be estimated monthly. The method for estimating the flow shall be subject to the approval of the Colorado River Basin Water Board's Executive Officer.
14. Wastewater in the evaporation/percolation ponds shall be monitored for the following:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
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Total Dissolved Solids	mg/L ³	Grab	Monthly
Volatile Organic Compounds	µg/L ⁴	Grab	Quarterly
Nitrate (as Nitrogen)	mg/L	Grab	Monthly
Total Nitrogen	mg/L	Grab	Monthly
pH	pH Units	Grab	Monthly
Dissolved Oxygen	mg/L	Grab	Monthly
Freeboard	feet	Observation	Monthly

Based on the effluent results, sampling frequency may be reduced or increased thereafter, as approved by the Colorado River Basin Water Board's Executive Officer.

MAINTENANCE AND INSPECTION

Septic tanks shall be inspected and pumped as described below:

<u>Parameter</u>	<u>Units</u>	<u>Type of Measurement</u>	<u>Minimum Inspection Frequency</u>
Sludge depth and scum thickness in each compartment of septic tank	Feet	Staff Gauge	Annually
Distance between bottom of scum layer and bottom of outlet device	Inches	Staff Gauge	Annually
Distance between top of sludge layer and bottom of outlet device	Inches	Staff Gauge	Annually

Septic tanks shall be pumped when any one of the following conditions exists, or may occur before the next inspection:

- a. The combined thickness of sludge and scum exceeds one-third of the tank depth of the first compartment; or

³ mg/L – milligrams per Liter

⁴ µg/L – micrograms per Liter

- b. The scum layer is within three inches of the outlet device; or
- c. The sludge layer is within eight inches of the outlet device

In lieu of septic tank measuring, the septic tank may be pumped annually.

REPORTING

1. The Discharger shall inspect and document any operation/maintenance problems. Operation and Maintenance reports shall be submitted to the Colorado River Basin Water Board Office with the dischargers annual SMR, containing documentation showing maintenance and modifications and updates to the Discharger's wastewater treatment and disposal system.
2. Monthly monitoring shall be included in the monthly monitoring report. Monthly monitoring reports shall be submitted to the Colorado River Basin Water Board by the **15th day of the following month following the monitoring period**. Quarterly monitoring reports shall be submitted by **January 15th, April 15th, July 15th, October 15th**. Annual monitoring reports shall be submitted to the Colorado River Basin Water Board by **January 15th of the following year**.
3. The Discharger shall report annually on the quantity, location and method of disposal of all sludge and similar solid materials being produced at the WWTS. If no sludge is disposed of during the year being reported, the Discharger shall state "No Sludge Removed" in the annual monitoring report.
4. 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 Colorado River Basin Water Board.
5. 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.
6. 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 fine and imprisonment for knowing violations.

7. 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.
8. Report immediately any failure in the waste disposal system to the Colorado River Basin Water Board and the Director of the County Environmental Health Department by telephone with follow-up by letter.
9. Note any changes in the operating procedure for the season.
10. 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.
11. 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) R7-2017-0014, 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.

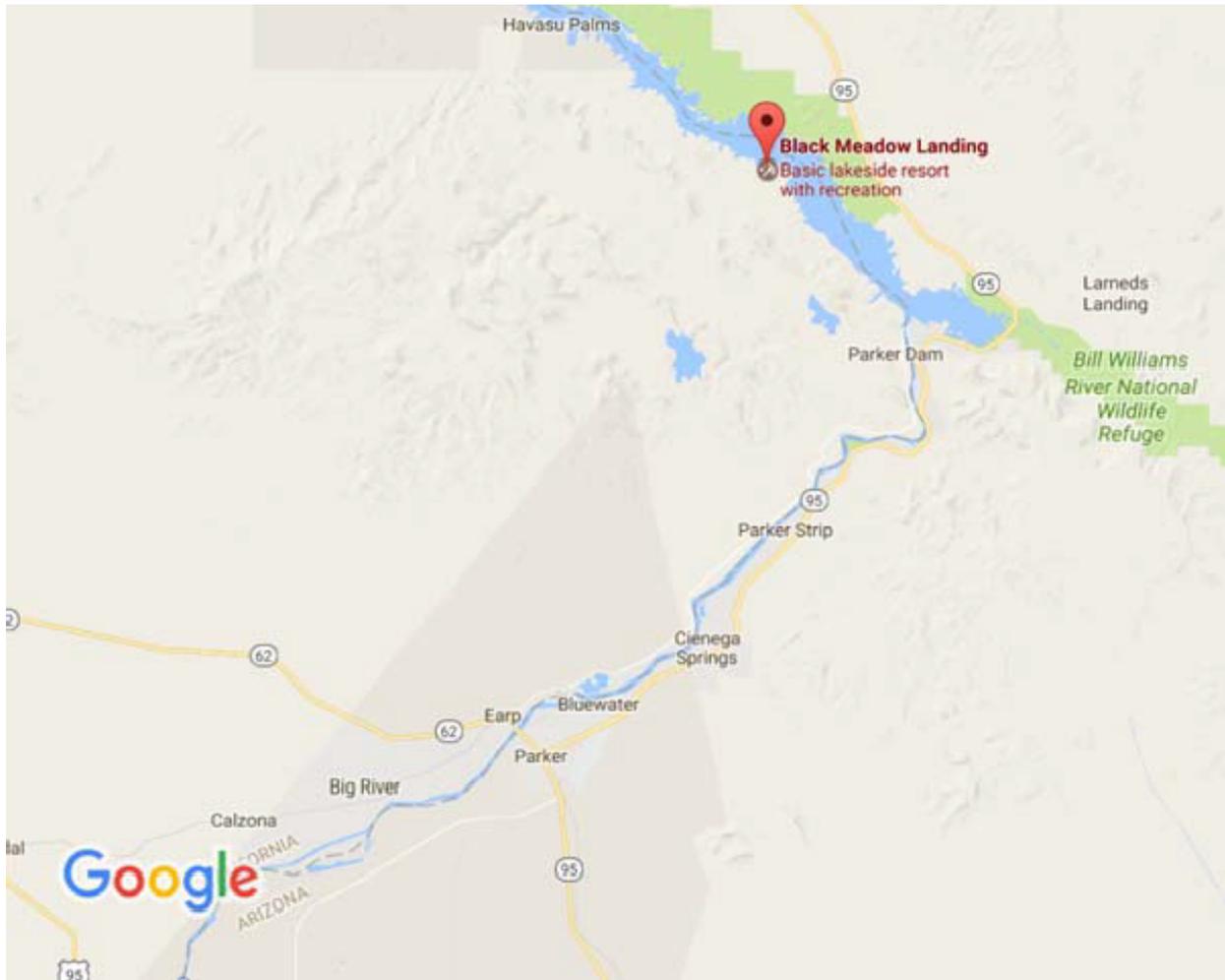
Signed by Jose L. Angel on May 19, 2017

JOSE L. ANGEL, P.E.
Executive Officer

Date

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

ATTACHMENT A



Board Order R7-2017-0014

VICINITY MAP

**UNITED STATES BUREAU OF LAND MANAGEMENT, LAND OWNER
GEORGE FIELD JR. AND LORI FIELD, OWNER/OPERATORS
BLACK MEADOW LANDING
SEPTIC TANK/EVAPORATION-PERCOLATION POND DISPOSAL FACILITIES
Northwest of Parker Dam -San Bernardino County**

Location of Discharge: Portion of NW 1/4 of Section 2, NE 1/4 of Section 3, T1N, R26E, and
portion of SW 1/4 of Section 35, T2N, R26E, SBB&M

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

ATTACHMENT B



Board Order R7-2017-0014

**SITE MAP
GEORGE FIELD JR. AND LORI FIELD, OWNER/OPERATORS
BLACK MEADOW LANDING
SEPTIC TANK/EVAPORATION-PERCOLATION POND DISPOSAL FACILITIES
Northwest of Parker Dam -San Bernardino County**

Location of Discharge: Portion of NW 1/4 of Section 2, NE 1/4 of Section 3, T1N, R26E, and
portion of SW 1/4 of Section 35, T2N, R26E, SBB&M

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - COLORADO RIVER
BASIN REGION

ATTACHMENT C

Black Meadow Landing Wastewater Flow Diagram

