

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

ORDER R7-2016-0017

**WASTE DISCHARGE REQUIREMENTS
FOR
UNITED STATES BUREAU OF LAND MANAGEMENT, LAND OWNER
SAN BERNARDINO COUNTY REGIONAL PARKS DEPARTMENT, FACILITY OWNER
SAN BERNARDINO COUNTY WATER AND SANITATION DIVISION, FACILITY
OPERATOR
PARK MOABI MARINA WASTEWATER TREATMENT FACILITY
SOUTHEAST OF NEEDLES - SAN BERNARDINO COUNTY**

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

1. San Bernardino County Regional Parks Department, 777 East Rialto Avenue, San Bernardino, CA 92415-0763, owns, and County of San Bernardino Special Districts Water and Sanitation Division, 12402 Industrial Blvd., D6, Victorville, CA 92393-5004 (jointly referred to as Discharger) operates Park Moabi Marina (Facility), located at 100 Park Moabi Road, Needles, CA 92363. Attachment A is a Site Plan for the Facility and is incorporated herein and made a part of this Board Order by reference. The Facility is located on U.S. Bureau of Land Management (BLM) property in the south 1/2 of Section 6, Township 7 North, Range 24 East, San Bernardino Base & Meridian, as shown in the vicinity map in Attachment B, incorporated herein and made a part of this Order. The San Bernardino County Assessor Parcel Number (APN) for the property is 065-016-102-B-090.
2. The Discharger is discharging a maximum daily flow of 50,000 gallons-per-day (gpd) of domestic sewage from 110 mobile home spaces and 647 campground spaces. Thirty-four campground spaces are connected to the sewerage system and the other 613 campground spaces do not generate wastewater. The wastewater is pumped by one sewer lift station and discharged into two clay lined oxidation basins for evaporation with a design average daily flow of 28,000 gpd of effluent. A third basin used only for emergency conditions was designed as a percolation basin and is to the north of the two oxidation basins. There was no discharge to the third basin in 2015, and there has been no discharge to it in 2016, so far. There is no flow metering or screening of the wastewater generated by the Facility.
3. Additionally, the discharger is discharging a total of 1,600 gallons-per-day of hand-washing wastewater from eight restrooms which are located a minimum of 300 feet from the Colorado River. Each of the restrooms is serviced by a 150-gallon grease trap and a leachfield. The wastewater from each restroom is discharged into a grease trap and then to flows through a distribution box into a 60-square foot leachfield. The eight leachfields have a total area of 420 square feet and they are

800 feet apart, extending for over a mile along the river and one-half mile north of the trailer park. Toilet wastewater from each restroom is discharged through a self-contained fluid-flush recirculating unit into a sealed 1,000-gallon tank and then hauled and discharged into the oxidation basins.

4. The Discharger operates a restaurant at the Facility known as Pirate's Cove. Wastewater from the kitchen flows through a grease interceptor to the sewer lift station and then discharged into the evaporation basins. Solids and sludge removed from the grease interceptor by a licensed septage hauler will be disposed of in accordance with state regulations. In the event of a commercial power failure, an alarm on the pump station will sound. The Discharger has as energy back-up a gasoline engine that can be used to pump the wastewater to the evaporation basins during emergencies.
5. Park Moabi Marina has been subject to Waste Discharge Requirements (WDRs) adopted in Colorado River Basin Water Board Order 94-089 on November 15, 1994. The Colorado River Basin Water Board has determined that WDRs for the discharge are in need of revision.
6. Park Moabi Marina and these WDRs are identified in the California Integrated Water Quality System (CIWQS) by Waste Discharge Identification (WDID) 7B360115051.
7. 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).
8. This Board Order regulates the entire wastewater collection, treatment and disposal system, Wastewater Treatment Facility (WWTF) at Park Moabi Marina. The WWTF at Park Moabi Marina consists of collection lines, septic tanks, holding tanks, sewer lift station with pump lines and the evaporation basins, operated independently, for disposal by evaporation. 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.
9. Wastewater from the WWTF is discharged to one basin at a time; the receiving basin is alternated to allow each basin to periodically dry up.
10. Annual precipitation in the vicinity averages about 4 inches per year.
11. 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.
12. There are no wells within 500 feet of the disposal facilities described in Finding No. 2, above. The water supply well for the park, which is located about 900 feet from

the basins, has a total dissolved solids (TDS) concentration of about 950 mg/L and a depth-to-ground water of about 10 feet.

13. The Water Quality Control Plan for the Colorado River Basin Region of California (Basin Plan) was adopted on November 17, 1993 as amended to date, designates the beneficial uses of ground and surface waters in this Region and contains implementation programs and policies to achieve objectives.
14. The discharge is within the Colorado Hydrologic Unit. The Basin Plan designates the following beneficial uses for ground waters in the Colorado Hydrologic Unit:
 - a. Municipal supply (MUN)
 - b. Industrial supply (IND)
 - c. Agricultural supply (AGR)
15. 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. Ground Water 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).
16. 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 is to not use harmful chemicals by educating RV owners about the pollution hazard.
17. WDRs implement numeric and narrative water quality objectives for ground and surface waters 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: Ground water 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).

18. Section 13267 of the California Water Code (CWC) authorizes the regional water boards to require technical and monitoring reports. The Monitoring and Reporting Program (MRP) establishes monitoring and reporting requirements to implement federal and state requirements.
19. State Water Resources Control Board (State Water Board) Resolution 68-16 ("Policy with Respect to Maintaining High Quality Waters of the State") (hereinafter 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, and in any event 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.
20. The discharge of wastewater from the Facility, as permitted herein, reflects BPTC. The controls 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.
21. Constituents in domestic wastewater effluent that present the greatest risk to groundwater quality are nitrogen, coliforms (pathogen-indicator organisms), and Total Dissolved Solids (TDS).
22. Given the discharge volumes reported by the Discharger, and provided that clay lining of the basins should not yield significant amounts of percolation, the discharge will not unreasonably affect beneficial uses of waters of the state. The treated discharge into the evaporation/oxidation basins, as regulated by these WDRs, is consistent with Resolution 68-16 and applicable water quality objectives in the Basin Plan.
23. 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.
24. 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.).

25. 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.
26. 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 94-089 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. Effluent Limitations

1. Wastewater flow to the evaporation basins shall not exceed 50,000 gallons per day.
2. Wastewater flow from the eight restrooms handwashing sinks shall not exceed 1,600 gallons per day. [I think we need a flow limit for the discharge to the leachfields.]

B. Prohibitions

1. The direct discharge of any wastewater to surface waters or surface drainage courses is prohibited.
2. Bypass or overflow of untreated or partially treated waste is prohibited.
3. Discharge of waste classified as “hazardous”, as defined in Title 23, CCR, Section 2521(a), or “designated”, as defined in CWC section 13173, is prohibited.
4. The Discharger shall not accept waste in excess of the design treatment capacity of the disposal system.
5. The discharge of treated wastewater to land not owned or controlled by the Discharger is prohibited.
6. Discharge of waste to the leachfields other than hand-washing wastewater is prohibited).
7. The discharge of RV chemical toilet waste into the evaporation basins is prohibited.

C. Specifications

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.

1. Groundwater elevation determinations around the leachfields used for handwashing wastewater disposal shall be performed using piezometers installed at each leachfield.
2. The Basins shall be designed and operated to maintain a minimum freeboard of two (2) feet at all times. The freeboard shall be utilized for wake and waves of fluid motion, and emergency or natural disaster purposes only.
3. Basins 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 Basins shall be operated and maintained to prevent inundation or washout due to a 100-year flood event.
5. The Basins shall have sufficient capacity to accommodate design seasonal precipitation based on a 100-year flood event, distributed monthly in accordance with historical rainfall patterns.
6. The Basins shall be managed to maintain the effectiveness of the clay liner in minimizing percolation.
7. Public contact with un-disinfected wastewater shall be precluded through such means as fences, signs, and other acceptable alternatives.
8. The discharge shall not cause degradation of any water supply.
9. No wastewater other than domestic wastewater shall be discharged into the sewage disposal system described in Finding No. 2 and 3, above.
10. Disposal by ponding shall be conducted in such a manner that there shall be no stranded or exposed sewage solids.

11. A surface aerobic environment shall be maintained in each basin. The dissolved oxygen content in the upper zone (one foot) of the evaporation/percolation ponds shall not be less than 1.0 mg/L.

D. Special Provisions

1. The Discharger shall design and install a representative groundwater monitoring network of piezometers for approval by the Colorado River Basin Water Board's Executive Officer to determine the water quality impacts from its handwashing wastewater disposal operations. Piezometer monitoring and reporting of the approved monitoring network shall be as specified in Monitoring and Reporting Program R7-2016-0017 and revisions thereto. The Discharger shall comply with this Special Provision as follows:
 - a. Within **six months** of adoption of this Board Order, the Discharger shall submit to the Colorado River Basin Water Board's Executive Officer for approval, a technical report that includes the work plan for the design, installation and development of the piezometer monitoring network. The piezometer monitoring network shall consist of, at least three piezometer monitoring wells, with a minimum one upgradient and two downgradient piezometers. A California Professional Engineer (PE), Registered Geologist (RG), Certified Engineering Geologist (CEG), or a Certified Hydro Geologist (CHG), must sign and stamp the technical report.
 - b. The Discharger shall install and develop the approved piezometer monitoring network within **three months** following work plan approval by the Colorado River Basin Water Board's Executive Officer.
 - c. Within **30-days** following the installation and development of the piezometer monitoring network, the Discharger shall implement monitoring and reporting as specified in the Monitoring and Reporting Program R7-2016-0013.

E. Standard Provisions

1. The Discharger shall comply with "Monitoring and Reporting Program R7-2016-0017 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.
2. Prior to any modifications in this 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.
3. Prior to any change in ownership or management of this operation, 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.

4. The Discharger shall ensure that all Facility operating personnel are familiar with the content of this Order and shall maintain a copy of this Order at the Facility.
5. This Order does not authorize violation of any federal, state, or local laws or regulations.
6. Facilities shall be available to keep the wastewater disposal facilities in operation in the event of commercial power failure.
7. 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.
8. 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.
9. 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.
10. 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.
11. 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.
12. 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.

13. 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.
14. Adequate measures shall be taken to assure that unauthorized persons are effectively excluded from contact with the wastewater disposal facilities.
15. 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..
16. 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.
17. All maintenance performed shall be reported with the monitoring reports as required.
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. Otherwise, the Discharger shall obtain written approval from the Colorado River Basin Water Board's Executive Officer specifying location and method of disposal, before disposing of treated or untreated sludge, or similar solid waste materials. 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 Colorado River Basin Water Board and the Director of the County Environmental Health Department shall be notified immediately of any failure of the wastewater containment facilities. Such failure shall be promptly corrected in accordance with the requirements of this Order.
20. The Discharger shall remove and relocate any wastes which are discharged at this Facility in violation of these requirements.
21. The Colorado River Basin Water Board will review this Order periodically and may revise requirements when necessary.
22. All employees of this Facility shall receive training on how to minimize pollutant discharges to the evaporation basins. 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 oxidation basins.
 - c. Methods to wash hands so that no contaminants are introduced into the oxidation basins.
23. Any off-site disposal of septage shall be only to a legal point of disposal, with the approval of the legal disposal facility owner and operator. For purposes of these requirements, a legal disposal site is one for which requirements have been established by the Colorado River Basin Water Board and which is in full compliance therewith. Any septage handling shall be in such a manner as to prevent its reaching surface waters or watercourses.
24. The Discharger shall report any noncompliance which may endanger health or the environment. Any such information shall be provided verbally to the Colorado River Basin Water Board's Executive Officer within 24 hours from the time the Discharger becomes aware of the circumstances. 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.
25. 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.
26. 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 R7-2016-0017. Such specifications are subject to periodic revisions as may be warranted.
27. The Discharger shall submit all documents electronically, including those required to assure compliance with this Order. All such documents must be emailed on or prior to the regulatory due date. To accomplish electronic submittal of documents the Discharger shall convert the signed original document to Portable Document Format (PDF), or other appropriate Microsoft application. Documents shall be emailed as attachments to:

RB7-wdrs_paperless@waterboards.ca.gov

Documents that are 50 MB or larger should be transferred to a disk and mailed to the Colorado River Basin Water board office in Palm Desert.

I, Jose L. 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, 2016.

Original Signed by
JOSE L. ANGEL P.E.
Executive Officer

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

MONITORING AND REPORTING PROGRAM R7-2016-0017
FOR
UNITED STATES BUREAU OF LAND MANAGEMENT, LAND OWNER
SAN BERNARDINO COUNTY REGIONAL PARKS DEPARTMENT,
OWNER/OPERATOR
PARK MOABI MARINA
SEPTIC TANK / EVAPORATION BASIN DISPOSAL FACILITIES
SOUTH OF NEEDLES - SAN BERNARDINO COUNTY

LOCATION OF DISCHARGE: 1/4 MILE FROM THE COLORADO RIVER, IN THE S 1/2
OF SECTION 6, T7N, R24E, 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 R7-2016-0017. 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.
 - e. Report the Total Dissolved Solids concentrations of the water supply wells nearest to the Facility.
12. One of the evaporation basins in use and one of the septic tanks shall be sampled annually during November each year. The samples shall be analyzed for the following:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Total Dissolved Solids	mg/L ¹	Grab	Annually
Volatile Organics	µg/L ²	Grab	Annually

¹ mg/L – milligrams per Liter

² µg/L – micrograms per Liter

Nitrate (as Nitrogen)	mg/L	Grab	Annually
Total Nitrogen	mg/L	Grab	Annually
Hydrogen Ion	pH Units	Grab	Annually
Dissolved Oxygen	mg/L	Grab	Annually

PIEZOMETER MONITORING

Upon construction of the piezometer monitoring system, piezometers shall be monitored according to the following schedule:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Monitoring Frequency</u>	<u>Reporting Frequency</u>
Depth to Groundwater	ft (bgs) ³	measurement	Quarterly	Quarterly

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

³ feet below ground surface.

Distance between top of sludge layer and bottom of outlet device	Inches	Staff Gauge	Annually
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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
- 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 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.
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. 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.
4. 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.
5. 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.
 6. Note any changes in the operating procedure for the season.
 7. 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.
 8. The Discharger shall submit all documents that are normally mailed by the Discharger, such as regulatory documents, submissions, materials, data, and correspondence electronically. All information required to be submitted in accordance to this Board Order must be emailed prior to the regulatory due date. To accomplish electronic submittal of documents the Discharger shall convert the signed original report to Portable Document Format (PDF), other appropriate Microsoft application, such as Excel documents may also be emailed. Email all the documents to RB7-wdrs_paperless@waterboards.ca.gov. Documents that are 50 MB or larger should be transferred to a disk and mailed to:

California Regional Water Quality Control Board
Colorado River Basin Region
73-720 Fred Waring, Suite 100
Palm Desert, CA 92260

Ordered by: _____ Original Signed by _____
JOSE L. ANGEL P.E.
Executive Officer

_____ June 30, 2016 _____
Date

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

ATTACHMENT A



SITE MAP

**UNITED STATES BUREAU OF LAND MANAGEMENT, LAND OWNER
SAN BERNARDINO COUNTY REGIONAL PARKS DEPARTMENT,
OWNER/OPERATOR
OF PARK MOABI MARINA
SEPTIC TANK / EVAPORATION BASIN DISPOSAL FACILITIES
SOUTH OF NEEDLES - SAN BERNARDINO COUNTY
1/4 MILE FROM THE COLORADO RIVER, IN THE S 1/2 OF SECTION 6, T7N, R24E,
SBB&M.**

