

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION

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**[TENTATIVE] MONITORING & REPORTING PROGRAM**  
**R7-2022-0037**

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**ORDER INFORMATION**

**Order Type(s):** Monitoring & Reporting Program (MRP)  
**Status:** TENTATIVE  
**Program:** Non-15 Discharges to Land  
**Discharger(s):** Mount San Jacinto Winter Park  
Authority  
**Facility:** Palm Springs Aerial Tramway, Mountain  
Station, Wastewater Treatment and  
Disposal System  
**Address:** One Tramway  
**County:** Riverside County  
**APN:** 556390005  
**WDID:** 7A331171011  
**GeoTracker ID:** WDR100033984

**CERTIFICATION**

I, Paula Rasmussen, Executive Officer, hereby certify that the following is a full, true, and correct copy of the order adopted by the California Regional Water Quality Control Board, Colorado River Basin Region, on October 11, 2022.

*Original Signed by*

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PAULA RASMUSSEN

Executive Officer

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## GLOSSARY

<b>BOD5</b>	.....	Five-Day Biochemical Oxygen Demand at 20°C
<b>E. Coli</b>	.....	Escherichia Coli
<b>ELAP</b>	.....	Environmental Laboratory Accreditation Program
<b>gpd</b>	.....	Gallons per Day
<b>LOQ</b>	.....	Level of Quantification
<b>MDL</b>	.....	Method Detection Limit
<b>mg/L</b>	.....	Milligrams per Liter
<b>MPN/100 mL</b>	.....	Most Probable Number of Organisms per 100 Milliliters
<b>MRP</b>	.....	Monitoring and Reporting Program
<b>PQL</b>	.....	Practical Quantitation Level
<b>SMRs</b>	.....	Self-Monitoring Reports
<b>Standard Minerals</b>	.....	Barium, Calcium, Magnesium, Nitrogen, Potassium, Sulfate, Total Alkalinity (including alkalinity series), and Hardness
<b>TDS</b>	.....	Total Dissolved Solids
<b>TSS</b>	.....	Total Suspended Solids
<b>USEPA</b>	.....	United States Environmental Protection Agency
<b>WDRs</b>	.....	Waste Discharge Requirements

## MONITORING AND REPORTING PROGRAM

**IT IS HEREBY ORDERED**, pursuant to Water Code section 13267, subdivision (b)(1), that the Discharger shall comply with the following Monitoring and Reporting Program (MRP). This MRP supersedes all prior programs associated with the Facility.

### A. Sampling and Analysis General Requirements

1. **Testing and Analytical Methods.** The collection, preservation, and holding times of all samples shall be in accordance with U.S. Environmental Protection Agency (USEPA)-approved procedures. All analyses shall be conducted in accordance with the latest edition of either the USEPA's Guidelines Establishing Test Procedures for Analysis of Pollutants Under the Clean Water Act (40 C.F.R. part 136) or Test Methods for Evaluating Solid Waste: Physical/Chemical Methods Compendium (SW-846), unless otherwise specified in the MRP or approved by the Board's Executive Officer.
2. **Laboratory Certification.** All analyses shall be conducted by a laboratory certified by the State Water Board, Division of Drinking Water's Environmental Laboratory Accreditation Program (ELAP), unless otherwise approved by the Board's Executive Officer.
3. **Reporting Levels.** All analytical data shall be reported with method detection limits (MDLs) and with either the reporting level or limits of quantitation (LOQs) according to 40 C.F.R. part 136, Appendix B. The laboratory reporting limit for all reported monitoring data shall be no greater than the practical quantitation limit (PQL).
4. **Sampling Location(s).** Samples shall be collected at the location(s) specified in the WDRs. If no location is specified, sampling shall be conducted at the most representative sampling point available.
5. **Representative Sampling.** 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 chain of custody form for the sample. If composite samples are collected, the basis for sampling (time or flow weighted) shall be approved by Board staff.
6. **Instrumentation and Calibration.** All monitoring instruments and devices used by the Discharger shall be properly maintained and calibrated to ensure their continued accuracy. Any flow measurement devices shall be calibrated at least once per year to ensure continued accuracy of the

devices. In the event that continuous monitoring equipment is out of service for a period greater than 24 hours, the Discharger shall obtain representative grab samples each day the equipment is out of service. The Discharger shall correct the cause(s) of failure of the continuous monitoring equipment as soon as practicable. The Discharger shall report the period(s) during which the equipment was out of service and if the problem has not been corrected, shall identify the steps which the Discharger is taking or proposes to take to bring the equipment back into service and the schedule for these actions.

7. **Field Test Instruments.** Field test instruments (e.g., those used for pH, dissolved oxygen, and electrical conductivity) may be used provided that:
  - a. The user is trained in the 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.
8. **Records Retention.** 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, for a minimum of five (5) years from the date of the sampling or measurement. This period may be extended by request of the Colorado River Basin Water Board's Executive Officer at any time. 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. All sampling and analytical results, including:
    - i. units of measurement used,

- ii. minimum reporting limit for the analyses,
- iii. results less than the reporting limit but above the method detection limit (MDL),
- iv. data qualifiers and a description of the qualifiers,
- v. quality control test results (and a written copy of the laboratory quality assurance plan),
- vi. dilution factors, if used; and
- vii. sample matrix type.

**B. Effluent Monitoring**

The Discharger shall collect effluent wastewater samples from the effluent tank prior to discharge to the leach field, in accordance with the table below.

**Table 1. Effluent Monitoring.**

Constituents	Units	Type	Sample Freq.	Reporting Freq.
Flow	gpd	Calculated <sup>1</sup>	Weekly	Quarterly

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<sup>1</sup> Average daily flow calculated from weekly meter readings.



Constituents	Units	Type	Sample Freq.	Reporting Freq.
pH	Std. Units	Grab	Monthly	Quarterly
BOD5	mg/L	Grab	Monthly	Quarterly
TSS	mg/L	Grab	Monthly	Quarterly
Total Nitrogen (N)	mg/L	Grab	Monthly	Quarterly
TDS	mg/L	Grab	Monthly	Quarterly
VOCs	mg/L	Grab	Annually	Annually

**C. Water Supply Monitoring**

The Discharger shall collect samples from the Facility’s water supply sampling station in accordance with the table below.

**Table 2. Water Supply Monitoring**

Constituents	Units	Sample Type	Sample Freq.	Reporting Freq.
TDS	mg/L	Grab	Monthly	Quarterly
pH	Std. Units	Grab	Monthly	Quarterly

Constituents	Units	Sample Type	Sample Freq.	Reporting Freq.
Standard Minerals <sup>2</sup>	mg/L	Grab	Annually	Annually

**D. Long Valley Creek Monitoring**

The Discharger shall collect surface water samples from the Chino Creek sampling stations, located upstream and downstream of the leach field, in accordance with the table below.

**Table 3: Long Valley Creek Monitoring.**

Constituents	Units	Sample Type	Sample Freq.	Reporting Freq.
Dissolved Oxygen	mg/L	Grab	Quarterly	Quarterly
pH	Standard Units	Grab	Quarterly	Quarterly
E. Coli	mg/L	Grab	Annually	Annually

**E. Groundwater Monitoring**

Onsite groundwater monitoring wells (MW-5, MW-6, MW-7, MW-8 and MW-9) shall be monitored in accordance with the table below. Analysis of data by a California-licensed professional is required at least annually.

**Table 4. Groundwater Monitoring.**

Constituents	Units	Type	Sample Freq.	Reporting Freq.
Groundwater Elev. <sup>3</sup>	0.01 Feet	Calculate	Quarterly	Quarterly
Groundwater Depth	0.01 Feet	Measure	Quarterly	Quarterly

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<sup>2</sup> At a minimum, the following elements/compounds: Barium, Calcium, Magnesium, Nitrogen, Potassium, Sulfate, Total Alkalinity (including alkalinity series), and Hardness.

Constituents	Units	Type	Sample Freq.	Reporting Freq.
pH	Std. Units	Grab	Quarterly	Quarterly
TDS	mg/L	Grab	Quarterly	Quarterly
Nitrate (as N)	mg/L	Grab	Quarterly	Quarterly
Nitrate + Nitrite (as N)	mg/L	Grab	Quarterly	Quarterly
Sodium	mg/L	Grab	Quarterly	Quarterly
Chloride	mg/L	Grab	Quarterly	Quarterly
Total Coliform Organisms <sup>4</sup>	MPN/100 mL	Grab	Quarterly	Quarterly
E. Coli	MPN/100 mL	Grab	Quarterly	Quarterly
VOCs	ug/L	Grab	Annually	Annually

**F. Reporting Requirements**

**Table 5. Quarterly Reporting Schedule.**

Quarter	Reporting Deadline
1st Quarter (January 1st to March 31st)	April 15
2nd Quarter (April 1st to June 30th)	July 15
3rd Quarter (July 1st to September 30th)	October 15
4th Quarter (October 1st to December 31st)	January 15

<sup>3</sup> Groundwater elevation shall be based on depth to water using a surveyed measuring point elevation on the well and a surveyed reference elevation.

<sup>4</sup> Using a minimum of 15 tubes or three dilutions.

1. **Quarterly Reporting.** The Discharger shall submit Quarterly Self-Monitoring Reports (SMRs) in accordance with the table below, and include the following contents:
  - i. **Monitoring Data.** The results of all monitoring activity required to be reported on a quarterly basis, as well as any additional monitoring activities undertaken during the subject quarter.
  - ii. **Cover Letter.** A transmittal letter summarizing the essential points in the report.
  - iii. **Summary of Monitoring Data.** Tables of the data collected. Each row shall be a monitoring event and each column shall be a separate parameter at a single location (or a single average, as appropriate).
  - iv. **Compliance Summary.** Identification of any violations found since the last report was submitted, and actions taken or planned for correcting each violation. If the Discharger previously submitted a report describing corrective actions and/or a time schedule for implementing the corrective actions, reference to the previous correspondence will be satisfactory. If no violations have occurred since the last submittal, this shall be stated.
  
2. **Annual Reporting.** In addition to the above, the 4th Quarter SMR shall include the following additional contents:
  - a. **Monitoring Data.** The results of all monitoring required to be reported on an annual basis.
  - b. **Maps.** Maps depicting the Facility layout and the location of sampling points.
  - c. **Summary of Monitoring Data.** Tables of the data collected. The tables shall include all of the data collected to-date at each monitoring point, organized in chronological order, with the oldest data in the top row and progressively newer data in rows below the top row. Each row shall be a monitoring event and each column shall be a separate parameter at a single location (or a single average, as appropriate).
  - d. **Graphical Display.** Graphs depicting monitoring parameters through time, with the concentrations being the y-axis and time being the x axis. Logarithmic scales can be used for values that

vary by orders of magnitude. Individual graphs can combine multiple locations or multiple chemicals if that allows the data to be compared more easily

- e. **Compliance Summary.** Identification of any violations found since the last annual report was submitted, and actions taken or planned for correcting each violation. If the Discharger previously submitted a report describing corrective actions and/or a time schedule for implementing the corrective actions, reference to the previous correspondence will be satisfactory. If no violations have occurred since the last submittal, this shall be stated.
3. **General Reporting Requirements.** All monitoring reports submitted under this MRP shall comply with the following:
- a. **Certification.** SMRs shall be certified by a Required Signatory under penalty of perjury to be true and correct. Each SMR submitted to the Colorado River Basin Water Board shall contain the following completed declaration:

I declare under the penalty of perjury 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.
  - b. **Required Signatories.** A Required Signatory is one of the Discharger's principal executive officers, or their duly authorized representative, provided the following requirements are satisfied:
    - i. The Required Signatory has signed a written statement of authorization with respect to the representative<sup>5</sup>; and

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<sup>5</sup> This authorization may be in reference to a particular individual, or a job title associated with supervising the Facility's overall operation and permitting compliance.

- ii. A copy of the statement of authorization is submitted to the with the report.
- c. **Qualified Professional.** All SMRs shall be prepared by, or under the direction of, a California-licensed civil engineer or engineering geologist (Qualified Professional). Each SMR shall be signed and stamped by the Qualified Professional and contain a brief summary of the Qualified Professional's qualifications.
- d. **Electronic Submittal.** All correspondences, SMRs, monitoring data and other technical reports shall be submitted electronically via the State Water Resources Control Board's [GeoTracker database](https://geotracker.waterboards.ca.gov) (https://geotracker.waterboards.ca.gov). Files too large to be uploaded shall be broken down into smaller files and appropriately labelled (e.g., Volume I, etc.).

### **ENFORCEMENT**

If, in the opinion of the Executive Officer, the Dischargers fail to comply with the provisions of this Order, the Executive Officer may refer this matter to the Attorney General for judicial enforcement, may issue a complaint for administrative civil liability, or may take other enforcement actions. Failure to comply with this Order may result in the assessment of Administrative Civil Liability of up to \$10,000 per violation, per day, depending on the violation, pursuant to the Water Code, including sections 13268, 13350 and 13385. The Colorado River Basin Water Board reserves its right to take any enforcement actions authorized by law.

### **ADMINISTRATIVE REVIEW**

Any person aggrieved by this Colorado River Basin Water Board action may petition the State Water Board for review in accordance with Water Code section 13320 and California Code of Regulations, title 23, section 2050 et seq. To be timely, the petition must be received by the State Water Board by 5:00 pm on the 30th day after the date of this Order; if the 30th day falls on a Saturday, Sunday or state holiday, the petition must be received by the State Water Board by 5:00 pm on the next business day. The law and regulations applicable to filing petitions are available on the [State Water Board website](http://www.waterboards.ca.gov/public_notices/petitions/water_quality) ([http://www.waterboards.ca.gov/public\\_notices/petitions/water\\_quality](http://www.waterboards.ca.gov/public_notices/petitions/water_quality)). Copies will also be provided upon request.