

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 01-187
FOR
TWENTYNINE PALMS WATER DISTRICT, OWNER/OPERATOR
FLUORIDE REMOVAL WATER TREATMENT PLANT
Twentynine Palms – San Bernardino County

Location of Discharge: NE ¼, Section 21, T1N, R9E, SBB&M

MONITORING

1. The collection, preservation and holding times of all samples shall be in accordance with United States Environmental Protection Agency (USEPA) approved procedures. Unless otherwise approved by the Regional Board’s Executive Officer, all analyses shall be conducted by a laboratory certified by the State Department of Health Services. All analyses shall be conducted in accordance with the latest edition of “Guidelines Establishing Test Procedures for Analysis of Pollutants” (40 CFR 136), promulgated by the USEPA.
2. 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 Regional Board indicating that there has been no activity during the required reporting period.
3. Moisture detected at 15 feet below ground surface shall trigger a series of sampling tests, using approved testing devices, to determine the concentrations of TDS, pH, fluoride, sodium and sulfate.

DEFLUORIDATION PROCESS WASTEWATER DISCHARGED TO LAND

Process wastewater shall be monitored for the following:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Total Dissolved Solids (TDS)	mg/L ¹	Grab	Daily
pH	--	Grab	Daily
Fluoride	mg/L	Grab	Daily
Sodium	mg/L	Grab	Daily
Sulfate	mg/L	Grab	Daily
Moisture Content of soil at 15 feet below ground surface	% field Capacity	Measured	Weekly
Volume of Discharge	GPD ³	--	Daily

¹ mg/L - milligrams per Liter
³ GPD – gallons per day

OPERATION AND MAINTENANCE

The discharger shall report the following:

<u>Activity</u>	<u>Reporting</u>
Inspection and documentation of any operation/maintenance problems by inspecting each unit process. In addition, calibration of flow meters and equipment shall be performed in a timely manner and documented.	Annually

REPORTING

1. Monthly monitoring reports shall be submitted to the Regional Board by the 15th day of the month following the report month.
2. Annual monitoring reports shall be submitted to the Regional Board by the 15th day of January each year.
3. The discharger shall arrange the data in tabular form so that the specified information is readily discernible. The data should be summarized in such a manner as to clearly illustrate whether the treatment system is operating in compliance with the discharge limitations.
4. Records of monitoring information shall include:
 - a. The date, exact place, and time of sampling or measurements;
 - b. The individual(s) who performed the sampling or measurements;
 - c. The date(s) analyses were performed;
 - d. The individual(s) who performed the analyses;
 - e. The analytical techniques or methods used; and
 - f. The results of such analyses.
5. Monitoring reports shall be certified under penalty of perjury to be true and correct. Each report shall contain the following statement:

“I declare under the penalty of law that I 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.”
6. A duly authorized representative of the discharger may sign the documents if:
 - a. The authorization is made in writing by the person described above; and
 - b. The authorization specifies an individual or person having the responsibility for the overall operation; and
 - c. The written authorization is submitted to the Regional Board’s Executive Officer.

7. Reports shall be submitted to:

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

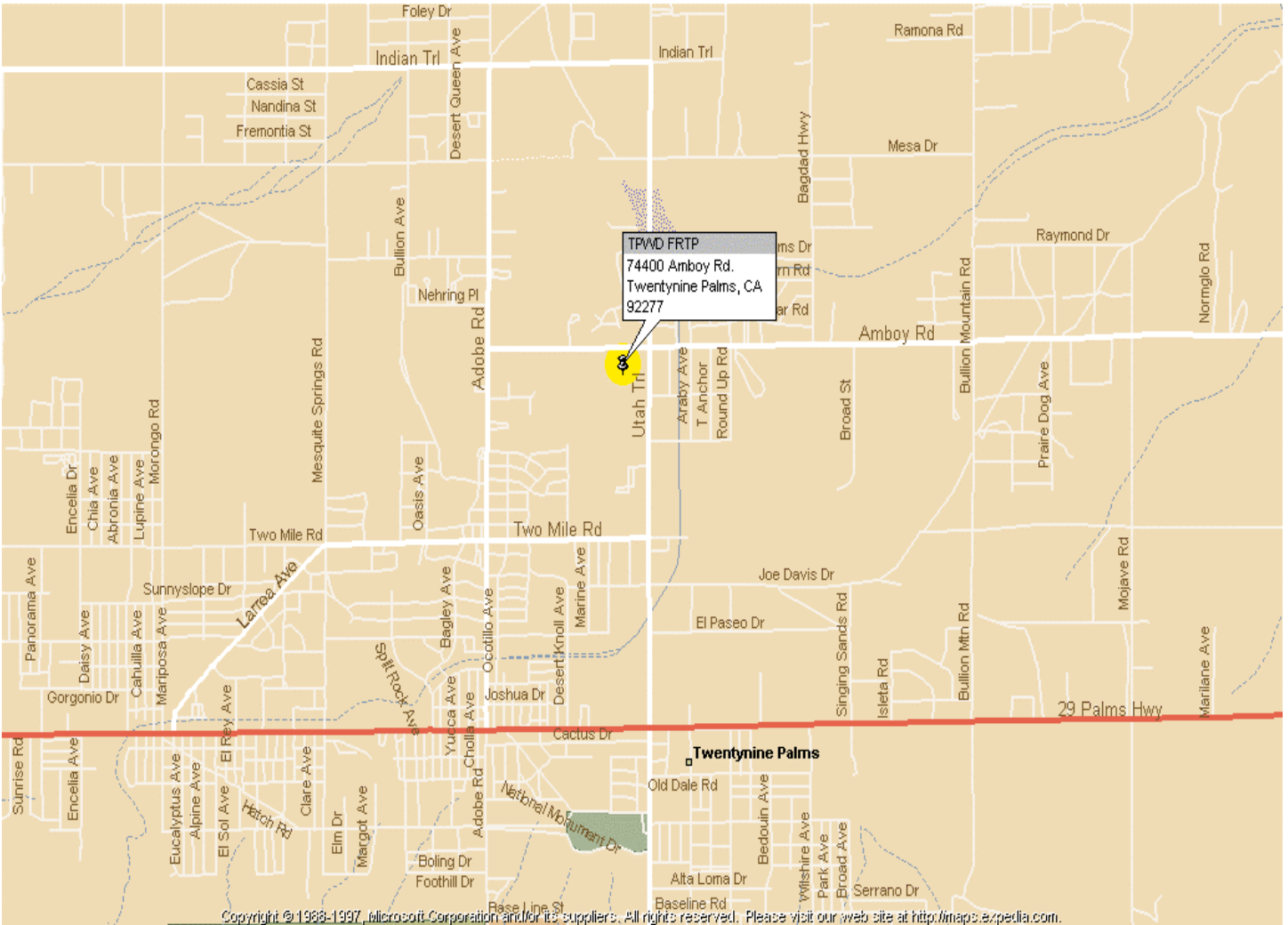
Ordered by:

Executive Officer

November 14, 2001

Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD



ATTACHMENT A

SITE MAP

TWENTYNINE PALMS WATER DISTRICT, OWNER/OPERATOR
Water Treatment Plant
Twentynine Palms – San Bernardino County
NE ¼, Section 21, T1N, R9E, SBB & M

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