

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

ORDER NO. 95-047

**WASTE DISCHARGE REQUIREMENTS
FOR
MISSION SPRINGS WATER DISTRICT, OWNER/OPERATOR
ALAN HORTON WASTEWATER TREATMENT PLANT
Desert Hot Springs - Riverside County**

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

1. Mission Springs Water District (hereinafter referred to as the discharger), 66575 East Second Street, Desert Hot Springs, California, 92240, submitted a Report of Waste Discharge (ROWD) on January 17, 1995, to renew a permit to discharge secondary treated domestic wastewater into infiltration basins.
2. The discharger owns and operates a wastewater collection and treatment system, and provides a sewerage service to portions of the City of Desert Hot Springs. The street address of the facility is 14601 Verbena, Desert Hot Springs, California, 92240. The discharge site is located in the SE 1/4 of the NE 1/4 of Section 6, T3S, R5E, SBB&M (Figure A).
3. The discharger recently expanded the capacity of the wastewater treatment plant, from 0.6 MGD¹ to 1.0 MGD. The report of waste discharge provides the following influent flow information:

Present Average Daily Flow	0.76 MGD
Design Flow	1.00 MGD
Average Daily Low Flow (3:00 P.M.)	0.30 MG ²
Average Daily High Flow (10:00 A.M.)	1.40 MG
Maximum Design (Instantaneous) Flow	2.50 MG

Seasonal Discharge - Higher in Winter, Lower in Summer

4. The treatment system at this facility consists of two parallel processes. Effluent received at the facility goes through a flow monitoring device, bar screen, comminutor, lift station, grit washer and a flow splitter box (Figure C). The flow is then apportioned between the following two processes:
 - a. A 0.20 MGD contact stabilization unit (package plant) with a central final clarifier and an aerobic digester.
 - b. Three extended aeration units with brush aerators, and clarifiers. Two of the aeration units are designed for a flow of 0.2 MGD each and the third for 0.4 MGD.

¹ MGD = Million Gallons-per-Day

² MG = Million-Gallons

In addition, the wastewater treatment plant has five infiltration basins and twenty-five sludge drying beds.

5. Sludge is stored on-site and periodically hauled away by a composter, who distributes the composted sludge for beneficial reuse. Grit is dried and hauled to a landfill for disposal.
6. The soil in the vicinity of the wastewater treatment plant, from ground surface to 25 feet beneath ground surface, is coarse, clean, whitish gray, dry sand. From a depth of 25 to 28 feet below ground surface, the soil is sandy silt, light brown in color and slightly porous. Thereafter, the soil is similar to that in the first 25 feet, except it is much finer and has traces of silt in it. Infiltration rate is 0.67 feet per-day. Ground water is located 300 feet below ground surface.
7. A wash (ephemeral creek) borders the northeast corner of the wastewater treatment facility (Figure B). The site is protected from flooding by an earthen berm and a 3.5 foot tall block wall on the north. An earthen berm covered with rock rip-rap starts at the northeast corner and extends southward for channeling floodwater outward and away from the plant. The discharger states that the site is adequately protected from a 100-year flood.
8. The discharger reports that no industrial wastewater is discharged to the plant.
9. There are no domestic wells within 1,000 feet of the discharge facility described in Finding No. 2, above.
10. The Mission Springs Water District conducted an Initial Study to determine the effect that the plant expansion could have on the environment. It was determined that the project would not have a significant impact.
11. In accordance with the California Environmental Quality Act (CEQA), the Mission Springs Water District, acting as the lead agency, processed and approved a Negative Declaration (SCH#91122040) on November 18, 1991.
12. The Water Quality Control Plan for the Colorado River Basin Region of California (Basin Plan) was adopted on November 17, 1993 and designates the beneficial uses of ground and surface waters in this Region.
13. The beneficial uses of ground waters in the Coachella Hydrologic Subunit are:
 - a. Municipal supply (MUN)
 - b. Industrial supply (IND)
 - c. Agricultural supply (AGR)
14. This discharge has been subject to waste discharge requirements adopted in Board Order No. 90-029.
15. The Board has notified the discharger and all known interested agencies and persons of its intent to update waste discharge requirements for said discharge and has provided them with an opportunity for a public meeting and an opportunity to submit comments.
16. The Board in a public meeting heard and considered all comments pertaining to this discharge.
17. Federal regulations for storm water discharges were promulgated by the U. S. Environmental Protection Agency on 16 November, 1990 (40 CFR Parts 122, 123, and 124). The regulations

require specific categories of facilities which discharge storm water associated with industrial activity to obtain NPDES permits and to implement Best Conventional Pollutant Technology (BCT) to reduce or eliminate industrial storm water pollution.

18. The State Water Resources Control Board adopted Order No. 91-13-DWQ (General Permit No. CAS000001), as amended by Water Quality Order No. 92-12-DWQ, specifying waste discharge requirements for discharges of storm water associated with industrial activities, excluding construction activities, and requiring submittal of a Notice of Intent by industries to be covered under the Permit.

IT IS HEREBY ORDERED, that Board Order No. 90-029 is rescinded, 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 effluent discharged to the basins from this treatment facilities shall not contain constituents in excess of the following limits:

<u>Constituent</u>	<u>Unit</u>	<u>30-Day Arithmetic Mean Discharge Rate³</u>	<u>7-Day Arithmetic Mean Discharge Rate⁴</u>
20° BOD ₅ ⁵	mg/L ⁶	30	45
Total Suspended Solids	mg/L	30	45
Settleable Matter	ml/L ⁷	0.3	0.5

2. The increase in concentration of total dissolved solids (TDS) in the discharged water over that contained in the water supply to the community shall not exceed 400 mg/L. Whenever this TDS value is exceeded, the discharger shall develop and implement, upon approval of the Regional Board's Executive Officer, mitigation measures to address the impacts of the discharger's effluent on the Coachella Hydrologic Subunit.
3. The 30-day average flow to the infiltration basins shall not exceed 1.0 MGD¹.

³30-Day Mean - The arithmetic mean of pollutant parameter values of samples collected in a period of 30 consecutive days.

⁴7-Day Mean - The arithmetic mean of pollutant parameter values of samples collected in a period of 7 consecutive days.

⁵ BOD₅ = 5 Days Biological Oxygen Demand

⁶mg/L - milligrams per Liter

⁷ml/L - milliliters per Liter

4. There shall be no discharge of any U.S. Environmental Protection Agency's designated 126 Priority Pollutants [40 CFR part 423.15(j)(1)], in amounts which would adversely affect the beneficial uses of the ground water in the Coachella Hydrologic Subunit.

B. Prohibitions

1. The direct discharge of any wastewater to any surface waters or surface drainage courses is prohibited.
2. Bypass or overflow of untreated or partially treated waste is prohibited.
3. The discharge of waste to land not owned or controlled by the discharger is prohibited.
4. Discharge of treated wastewater at a location or in a manner different from that described in Finding No. 2, above, is prohibited.

C. 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.
2. A minimum depth of freeboard of two (2) feet shall be maintained at all times in the infiltration basins .
3. Infiltration 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 treatment facility shall be protected from any washout or erosion of wastes or covering material, and from any inundation which could occur as a result of floods having a predicted frequency of once in 100 years.
5. Public contact with undisinfected wastewater shall be precluded through such means as fences, signs, and other acceptable alternatives.
6. The discharge shall not cause degradation of any water supply.

D. Provisions

1. The discharger shall comply with all of the conditions of this Board Order. Any noncompliance with this Board Order constitutes a violation of the Porter-Cologne Water Quality Control Act and is grounds for enforcement action.
2. The discharger shall ensure that all site operating personnel are familiar with the content of this Board Order, and shall maintain a copy of this Board Order at the site.
3. This Board Order does not authorize violation of any federal, state, or local laws or regulations.

4. The discharger shall comply with "Monitoring and Reporting Program No. 95-047", and future revisions thereto, as specified by the Regional Board's Executive Officer.
5. Prior to any modifications in this facility which would result in material change in the quality or quantity of wastewater treated or discharged, or any material change in the location of discharge, the discharger shall report all pertinent information in writing to the Regional Board and obtain revised requirements before any modifications are implemented.
6. Prior to any change in ownership or management of this operation, the discharger shall transmit a copy of this Board Order to the succeeding owner/operator, and forward a copy of the transmittal letter to the Regional Board.
7. The discharger shall provide adequate notice to the Regional Board's Executive Officer of the following:
 - a. Any new introduction of pollutants into any of the treatment facilities described in the Findings of this Board Order from an indirect discharger which would be subject to Section 301 or 306 of the Clean Water Act, if it were directly discharging the pollutants.
 - b. Any substantial change in the volume or character of pollutants being introduced into any of the treatment facilities described in the Findings of this Board Order by an existing or new source.
 - c. Any planned physical alterations or additions to the facilities described in this Board Order, or changes planned in the discharger's sludge use or disposal practice, where such alterations, additions, or changes may justify the application of Board Order conditions that are different from or absent in the existing Board Order, including notification of additional disposal sites not reported during the Board Order application process, or not reported pursuant to an approved land application plan.
 - d. Adequate notice shall include information on the quality and quantity of effluent introduced, and any anticipated impact of the change on the quantity or quality of the discharger's effluent and/or sludge.
 - e. The discharger shall report all instances of noncompliance. Reports of noncompliance shall be submitted with the discharger's next scheduled self-monitoring report or earlier if requested by the Regional Board's Executive Officer, or if required by an applicable standard for sludge use and disposal.
 - f. The discharger shall inform this office by telephone of all occurrences of bypasses or sewage spills within one business day of the occurrence. Within 5 business days of the occurrence, the discharger shall send a report to this office which shall include the starting date and time of the occurrence, the actual or estimated ending date and time, an estimate of the total discharge and the corrective measures taken (or which will be taken) by the discharger. The discharger shall maintain a log of this information. The said log shall be kept at the facility and shall be available during facility inspection.
8. The discharger may be required to submit technical reports as directed by the Regional Board's Executive Officer.
9. The discharger shall allow the Regional Board, or an authorized representative, upon presentation of credentials and other documents as may be required by law, to:

- a. Enter upon the premises regulated by this Board Order, or the place where records must be kept under the conditions of this Board Order;
 - b. Have access to and copy, at reasonable times, any records that shall be kept under the conditions of this Board Order;
 - c. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Board Order; and
 - d. Sample or monitor at reasonable times, for the purpose of assuring compliance with this Board Order or as otherwise authorized by the California Water Code, any substances or parameters at this location.
10. The discharger shall comply with the following:
- a. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
 - b. The discharger shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this Board Order, and records of all data used to complete the application for this Board Order, for a period of at least 5 years from the date of the sample, measurement, report or application. This period may be extended by request of the Regional Board's Executive Officer at any time.
 - c. Records of monitoring information shall include:
 1. The date, exact place, and time of sampling or measurements.
 2. The individual(s) who performed the sampling or measurements.
 3. The date(s) analyses were performed.
 4. The individual(s) who performed the analyses.
 5. The results of such analyses.
 - d. Monitoring must be conducted according to test procedures under 40 CFR Part 136, unless other test procedures have been specified in this Board Order.
11. The discharger shall at all times properly operate and maintain all facilities and systems of treatment and control including, but not limited to, sludge use and disposal facilities which are installed or used by the discharger to achieve compliance with the conditions of this Board Order. Proper operation and maintenance includes, but is not limited to, adequate laboratory controls and appropriate quality assurance procedures. This specification allows for the operation of backup or auxiliary facilities, or similar systems which are installed by the discharger, only when the operation is necessary to achieve compliance with the conditions of the Board Order.
12. The discharger shall implement acceptable operation and maintenance at the wastewater treatment plant so that needed repair and maintenance are performed in a timely manner.
13. All maintenance performed shall be reported with the monitoring reports as required.
14. 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 Regional

Board's Executive Officer. Such specifications are subject to periodic revisions as may be warranted.

15. The discharger is the responsible party for the waste discharge requirements and the monitoring and reporting program for the facility. The discharger shall comply with all conditions of these waste discharge requirements. Violations may result in enforcement actions, including Regional Board Orders or court orders, requiring corrective action or imposing civil monetary liability, or in modification or revocation of these waste discharge requirements by the Regional Board.
16. The discharger shall provide a report to the Regional Board when it determines that the plant is operating at 80 percent of the design capacity specified in Finding No. 3, above. The report should indicate what steps, if any, the discharger intends to take to provide for the expected wastewater treatment capacity necessary when the plant reaches design capacity.
17. The discharger shall maintain a permanent log of all solids hauled away from the treatment facility for use/disposal elsewhere.
18. The discharger shall develop a plan as to the method, treatment, handling and disposal of sludge that is consistent with all State and Federal laws and regulations. The plan must be submitted to the Regional Board's Executive Officer for review and approval no later than 30 days after the adoption of this Order. In addition, the discharger shall submit an annual report which gives the amount (in tons) and the method of all sludge and grit disposal for the previous year.
19. The discharger's wastewater treatment plant shall be supervised and operated by persons possessing certification of appropriate grade pursuant to Section 3680, Chapter 4, Division 4, Title 23 of the California Code of Regulations.
20. The discharger shall develop and implement a Storm Water Pollution Prevention Plan for this facility. The plan must be submitted to the Regional Board's Executive Officer for review and approval no later than 90 days after adoption of this Board Order.
21. All storm water discharges from this facility must comply with the lawful requirements of municipalities, counties, drainage districts, and other local agencies, regarding discharges of storm water to storm water drain systems or other courses under their jurisdiction.
22. The discharger shall submit a sampling and monitoring plan for storm water discharges to the Regional Board's Executive Officer for review and approval no later than 90 days after the adoption of this Board Order. The plan shall meet the minimum requirements of Section B, Monitoring Program and Reporting Requirements of the Statewide General NPDES Permit for Storm Water Discharges Associated with Industrial Activities, Order No. 91-13-DWQ (as amended by Order No. 92-12-DWQ), NPDES No. CAS000001.
23. Storm water discharges from the facility shall not cause or threaten to cause pollution, contamination, or nuisance.
24. 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.
25. Adequate measures shall be taken to assure that unauthorized persons are effectively excluded from contact with the wastewater disposal facilities.

26. Facilities shall be available to keep the plant in operation in the event of commercial power failure.
27. Objectionable odors originating at this facility shall not be perceivable beyond the limits of the wastewater treatment and disposal system.
28. The discharge shall not cause degradation of any beneficial use of surface or ground water.
29. This Board Order may be modified, revoked and reissued, or terminated for cause. The filing of a request by the discharger for a Board Order modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any Board Order condition. Causes for modification include the promulgation of new regulations, modification of land application plans, or modification in sludge use or disposal practices, or adoption of new regulations by the State Board or the Regional Board, including revisions to the Basin Plan.

I, Philip A. Gruenberg, 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 28, 1995.



Executive Officer

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

**MONITORING AND REPORTING PROGRAM NO. 95-047 (REVISION 1)
FOR**

**MISSION SPRINGS WATER DISTRICT, OWNER/OPERATOR
ALAN HORTON WASTEWATER TREATMENT PLANT
Desert Hot Springs - Riverside County**

Location of Discharge: SE 1/4 of the NE 1/4 of Section 6, T3S, R5E, SBB&M

MONITORING

1. The collection, preservation and holding times of all samples shall be in accordance with U. S. Environmental Protection Agency approved procedures. All analyses shall be conducted by a laboratory certified by the State Department of Health Services to perform the required analyses.
2. Compliance with the effluent limitations shall be determined at the end of the discharge pipe.
3. 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.

INFLUENT MONITORING

The wastewater influent to the treatment facilities shall be monitored for the following:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
20°C BOD ₅ ¹	mg/L ²	24-Hour Composite	Monthly
Suspended Solids	mg/L	24-Hour Composite	Monthly

¹ BOD₅ = 5 Days Biological Oxygen Demand

² mg/L = milligrams per Liter

EFFLUENT MONITORING

A sampling station shall be established at the point of discharge and shall be located where representative samples of effluent can be obtained. Wastewater discharged into the infiltration basins shall be monitored for the following constituents:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sample Frequency</u>
Volume of Discharge to Infiltration Basins	MGD ³	Average Daily ⁴	Daily
20°C BOD ₅	mg/L ⁵	24-Hr. Composite	Bi-Monthly
Suspended Solids	mg/L	24-Hr. Composite	Bi-Monthly
Settleable Matter	ml/L ⁶	Grab at Peak Flow	Bi-Monthly
Total Dissolved Solids	mg/L	Grab	Bi-Monthly
Nitrate as NO ₃ -N	mg/L	Grab	Quarterly
Total Nitrogen	mg/L	Grab	Quarterly
pH	pH Units	Grab	Bi-Monthly
Volatile Organics	μg/L ⁷	Grab	Annually

³MGD - Million Gallons per Day

⁴Reported monthly with monthly average daily flow calculated.

⁵mg/L - milligrams per Liter

⁶ml/L - milliliters per Liter

⁷μg/L - micrograms per Liter

SLUDGE MONITORING

The discharger shall report annually on the quantity, location and method of disposal of all sludge and similar solid materials being produced at the wastewater treatment plant facility.

The sludge that is generated at the treatment facility shall be sampled and analyzed for the following:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Arsenic	mg/kg ⁸	Composite	Annually
Cadmium	mg/kg	Composite	Annually
Chromium	mg/kg	Composite	Annually
Copper	mg/kg	Composite	Annually
Lead	mg/kg	Composite	Annually
Mercury	mg/kg	Composite	Annually
Molybdenum	mg/kg	Composite	Annually
Nickel	mg/kg	Composite	Annually
Selenium	mg/kg	Composite	Annually
Zinc	mg/kg	Composite	Annually
Fecal Coliform	MPN ⁹	Composite	Annually

OPERATION AND MAINTENANCE

The discharger shall report the following:

<u>Activity</u>	<u>Reporting</u>
Inspect and document any operation/maintenance problems by inspecting each unit process	Annually

⁸mg/kg - milligrams per kilogram on a dry weight basis

⁹ MPN = Most-Probable-Number

WATER SUPPLY TO THE COMMUNITY

1. The water supply shall be monitored for the following constituents. The reported value shall be a weighted average of all sources:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Total Dissolved Solids	mg/L	Grab	Monthly

REPORTING

1. The discharger shall arrange the data in tabular form so that the specified information is readily discernible. The data shall be summarized in such a manner as to clearly illustrate whether the facility is operating in compliance with waste discharge requirements.
2. Records of monitoring information shall include:
 - a. The date, exact place, and time of sampling or measurement(s);
 - b. The individual(s) who performed the sampling or measurement(s);
 - c. The date(s) analyses were performed;
 - d. The individual(s) who performed the analyses;
 - e. The analytical techniques or method used; and
 - f. The results of such analyses.
3. 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 Regional Board's Executive Officer.
5. Report immediately any failure in the waste disposal system to the Regional Board and the Director of the County Environmental Health Department by telephone with follow-up by letter.
6. 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.

7. Daily, Bi-Monthly and Monthly monitoring report shall be submitted to the Regional Board by the 15th day of the following month. Annual monitoring reports shall be submitted to the Regional Board by January 15th of each year.

8. Submit monitoring reports to:

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

Ordered by: Philip A. Greenberg
Executive Officer

8-3-95
Date

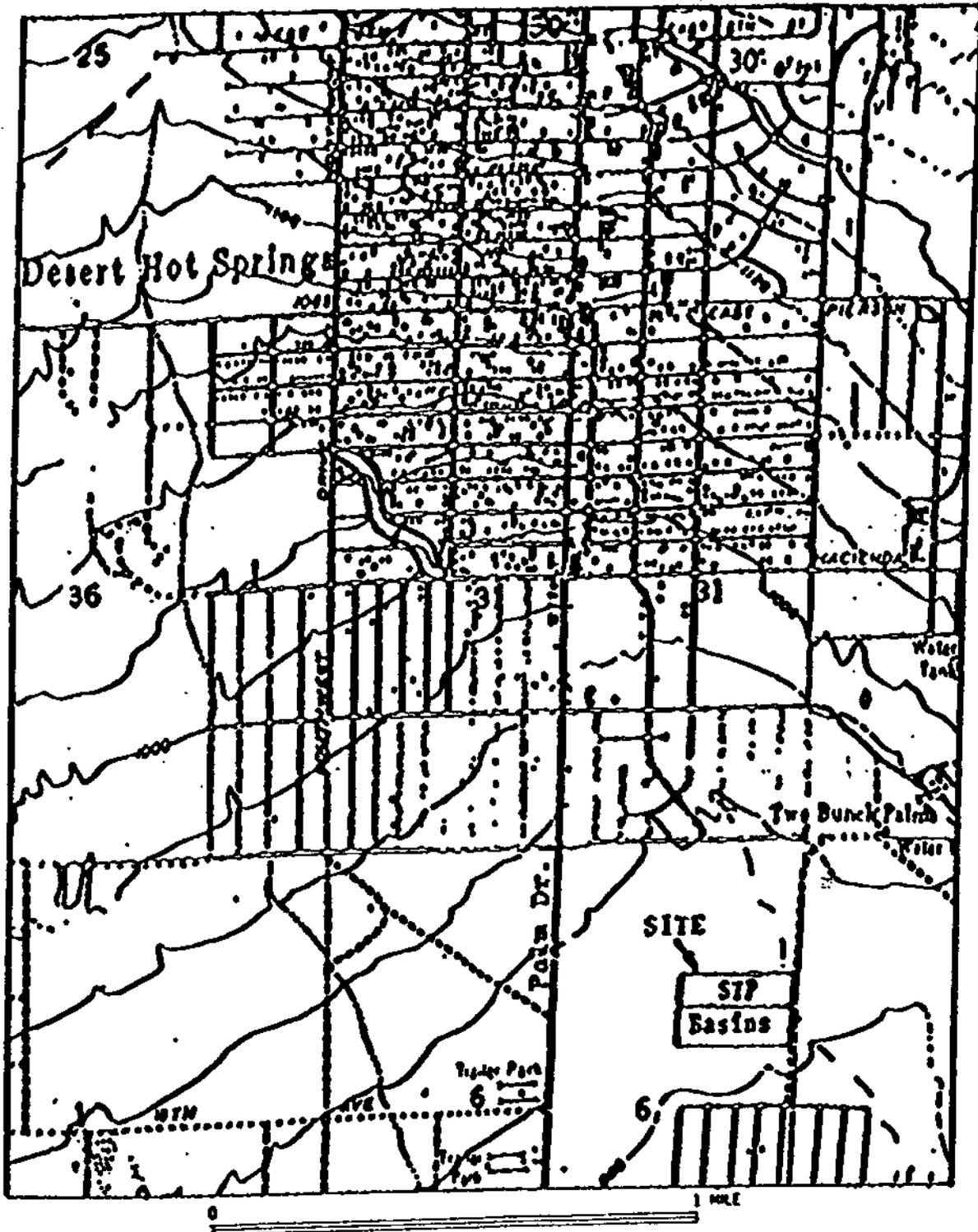


FIGURE "A"

SITE LOCATION

MISSION SPRINGS WATER DISTRICT
ALAN HORTON WASTEWATER TREATMENT PLANT
Desert Hot Springs - Riverside County
Portion of the SE 1/4, NE 1/4 of Section 6, T3S, R5E, SBB&M
7.5 Min. Topographic Map

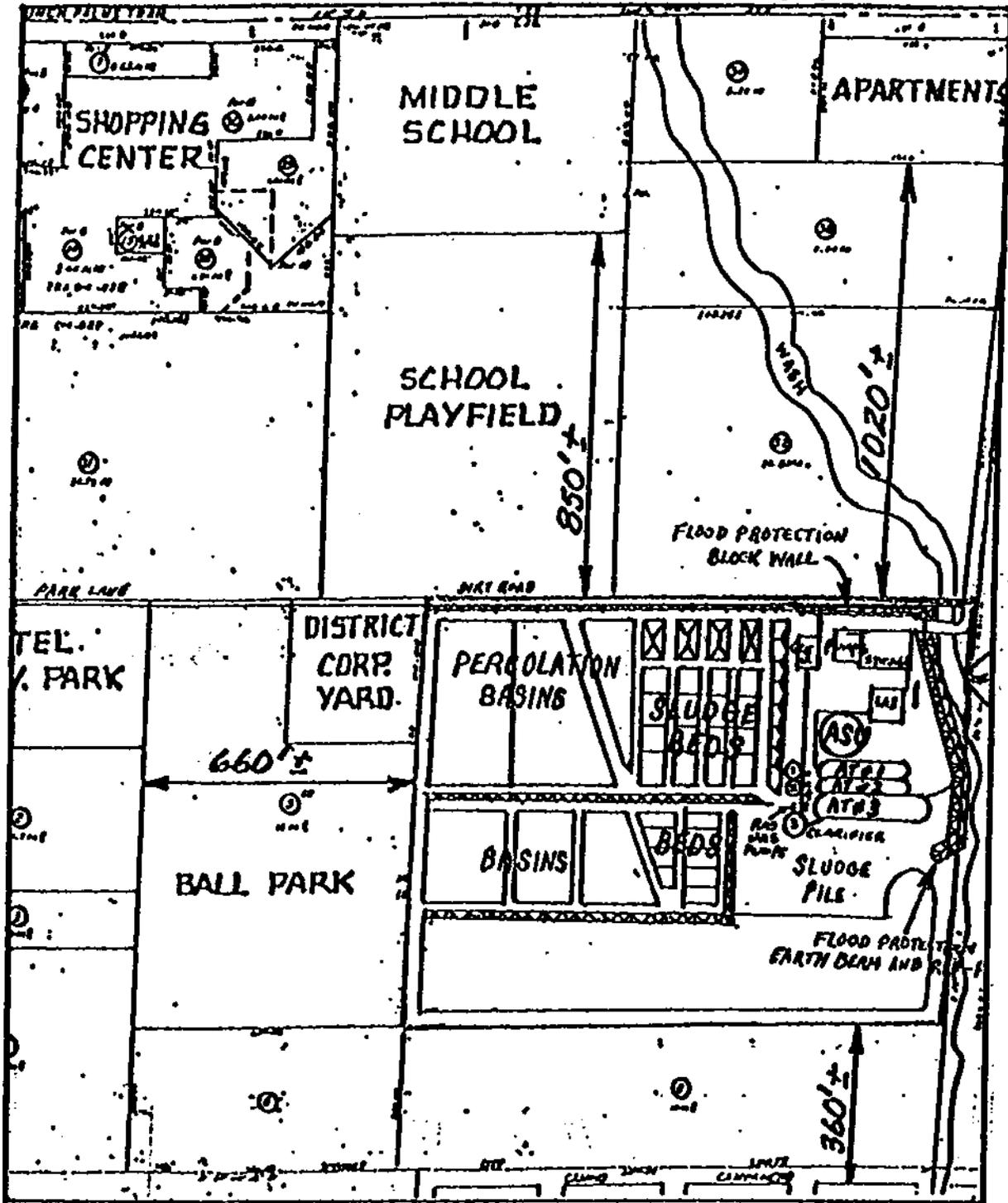


FIGURE "B"

FLOOD PROTECTION DETAILS

MISSION SPRINGS WATER DISTRICT
ALAN HORTON WASTEWATER TREATMENT PLANT
Desert Hot Springs - Riverside County

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 95-047
FOR
MISSION SPRINGS WATER DISTRICT, OWNER/OPERATOR
ALAN HORTON WASTEWATER TREATMENT PLANT
Desert Hot Springs - Riverside County

Location of Discharge: SE 1/4 of the NE 1/4 of Section 6, T3S, R5E, SBB&M

MONITORING

1. The collection, preservation and holding times of all samples shall be in accordance with U. S. Environmental Protection Agency approved procedures. All analyses shall be conducted by a laboratory certified by the State Department of Health Services to perform the required analyses.
2. Compliance with the effluent limitations shall be determined at the end of the discharge pipe.
3. 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.

INFLUENT MONITORING

The wastewater influent to the treatment facilities shall be monitored for the following:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
20°C BOD ₅ ¹	mg/L ²	24-Hour Composite	Monthly
Suspended Solids	mg/L	24-Hour Composite	Monthly

¹ BOD₅ = 5 Days Biological Oxygen Demand

² mg/L = milligrams per Liter

SUPERSEDED BY
BOARD ORDER NO. 0-020
MAY 15 2001 kg

8/3/95
M + R - Revised
w/ 95-047
(Revised)

EFFLUENT MONITORING

A sampling station shall be established at the point of discharge and shall be located where representative samples of effluent can be obtained. Wastewater discharged into the infiltration basins shall be monitored for the following constituents:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sample Frequency</u>
Volume of Discharge to Infiltration Basins	MGD ³	Average Daily ⁴	Daily
20°C BOD ₅	mg/L ⁵	24-Hr. Composite	Bi-Monthly
Suspended Solids	mg/L	24-Hr. Composite	Bi-Monthly
Settleable Matter	ml/L ⁶	Grab at Peak Flow	Bi-Monthly
Total Dissolved Solids	mg/L	Grab	Bi-Monthly
pH	pH Units	Grab	Bi-Monthly
Volatile Organics	µg/L ⁷	Grab	Annually

SLUDGE MONITORING

The discharger shall report annually on the quantity, location and method of disposal of all sludge and similar solid materials being produced at the wastewater treatment plant facility.

The sludge that is generated at the treatment facility shall be sampled and analyzed for the following:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Arsenic	mg/kg ⁸	Composite	Annually

³MGD - Million Gallons per Day

⁴Reported monthly with monthly average daily flow calculated.

⁵mg/L - milligrams per Liter

⁶ml/L - milliliters per Liter

⁷µg/L - micrograms per Liter

⁸mg/kg - milligrams per kilogram on a dry weight basis

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Cadmium	mg/kg	Composite	Annually
Chromium	mg/kg	Composite	Annually
Copper	mg/kg	Composite	Annually
Lead	mg/kg	Composite	Annually
Mercury	mg/kg	Composite	Annually
Molybdenum	mg/kg	Composite	Annually
Nickel	mg/kg	Composite	Annually
Selenium	mg/kg	Composite	Annually
Zinc	mg/kg	Composite	Annually
Fecal Coliform	MPN ⁹	Composite	Annually

OPERATION AND MAINTENANCE

The discharger shall report the following:

<u>Activity</u>	<u>Reporting</u>
Inspect and document any operation/maintenance problems by inspecting each unit process	Annually

WATER SUPPLY TO THE COMMUNITY

- The water supply shall be monitored for the following constituents. The reported value shall be a weighted average of all sources:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Total Dissolved Solids	mg/L	Grab	Monthly

⁹ MPN = Most-Probable-Number

REPORTING

1. The discharger shall arrange the data in tabular form so that the specified information is readily discernible. The data shall be summarized in such a manner as to clearly illustrate whether the facility is operating in compliance with waste discharge requirements.
2. Records of monitoring information shall include:
 - a. The date, exact place, and time of sampling or measurement(s);
 - b. The individual(s) who performed the sampling or measurement(s);
 - c. The date(s) analyses were performed;
 - d. The individual(s) who performed the analyses;
 - e. The analytical techniques or method used; and
 - f. The results of such analyses.
3. 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 Regional Board's Executive Officer.
5. Report immediately any failure in the waste disposal system to the Regional Board and the Director of the County Environmental Health Department by telephone with follow-up by letter.
6. 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.
7. Daily, Bi-Monthly and Monthly monitoring report shall be submitted to the Regional Board by the 15th day of the following month. Annual monitoring reports shall be submitted to the Regional Board by January 15th of each year.

8. Submit monitoring reports to:

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

Ordered by: Philip A. Gmenberg
Executive Officer

June 28, 1995
Date