

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

PERMIT NO. 98-300
ORDER NO. CAG677001

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT
AND
GENERAL WASTE DISCHARGE REQUIREMENTS
FOR
DISCHARGE OF HYDROSTATIC TEST WATER TO SURFACE WATERS

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

1. On September 22, 1989, the U.S. Environmental Protection Agency (EPA) Region IX, granted authorization for the State to issue general NPDES permits in accordance with 40 CFR 122.28, 123.62 and 403.10. Title 40 CFR 122.28 provides for the issuance of general permits to regulate discharges of waste which result from similar operations, are the same types of waste, require the same effluent limitations, require similar monitoring, and are more appropriately regulated under a general permit rather than individual permits.
2. A general permit for discharges of hydrostatic test waters to surface waters of the United States would meet the requirements of 40 CFR 122.28. To qualify for this general permit, the discharges and proposed discharges must:
 - a. Result from similar operation, i.e., all involve discharges from hydrostatic tests;
 - b. Be the same type of waste, i.e., hydrostatic test water discharges;
 - c. Require similar effluent limitations for the protection of the beneficial uses of surface water of the United States;
 - d. Require similar monitoring; and
 - e. Be more appropriately regulated under a general permit rather than individual permits.

Therefore, this Board Order establishes a general permit regulating discharges of wastewater from the hydrostatic testing of pipes, tanks, or any storage vessel to surface waters or tributaries of surface waters within the Colorado River Basin Region.

3. Requests to discharge hydrostatic test wastewater are periodically received by the Regional Board. General waste discharge requirements and NPDES permits will enable the Regional Board to expedite processing of requirements, simplify the application process for dischargers, better utilize limited staff resources, and avoid the expense and time involved in repetitive public noticing, hearings, and permit adoptions.

4. Requests to discharge hydrostatic test waters will be reviewed on a case-by-case basis. If the proposed discharge meets the criteria of this Permit, then a Notice of Applicability to this Permit will be issued. Once the Notice of Applicability is issued, the entity(ies) will be responsible for complying with the conditions of this Permit and are hereinafter referred to as the discharger(s). Individual dischargers are not covered by this Board Order until they have been issued a Notification of Applicability by the Regional Board's Executive Officer.
5. The Regional Board recognizes the need to consider any unique factors relating to a proposed discharge. In order to consider any unique factors applicable to a particular discharge, it will be necessary for the discharger to apply for an individual NPDES permit in accordance with Section 13260 or 13376 of the California Water Code.
6. The Notice of Applicability shall be written to apply to a project, so that an individual permit is not necessary for each discharge when several hydrostatic tests are conducted in one project.
7. The Board may prescribe requirements for any discharge, in accordance with Section 13263 of the California Water Code.
8. In order to be eligible for enrollment under this general permit, the discharger must submit a complete report of waste discharge. The report shall include a completed Notice of Intent Form (attachment 4 incorporated herein and made part of this Order), a Report of Waste Discharge, Form 200, and NPDES Application Form 1, applicable filing fees and any other information requested by the Regional Board.
9. The Water Quality Control Plan for the Colorado River Basin Region of California was adopted November 17, 1993 and designates the beneficial uses of ground and surface waters in this Region. The designated beneficial uses of these waters are shown in the following attachments:

Attachment 1: Table 2-1 ("Definitions of Beneficial Uses of Waters")

Attachment 2: Table 2-2 ("Beneficial Uses of Surface Waters in the East Colorado River Basin")

Attachment 3: Table 2-3 ("Beneficial Uses of Surface Waters in the West Colorado River Basin")
10. Section 301(b)(2) of the Clean Water Act requires that all NPDES permits prescribe the application of best available technology economically achievable (BATEA) in the determination of technology-based effluent limitations.
11. The requirements contained in this Board Order were established by considering all relevant state and federal water quality control policies, plans, and regulations and are designed to protect and maintain the beneficial uses of the receiving waters.
12. The Regional Board has considered anti-degradation provisions pursuant to 40 CFR 131.12 and State Water Resources Control Board Resolution No. 68-16, and finds the permitted discharge is consistent with those provisions.

13. Effluent limitations, and toxic and pretreatment effluent standards, established pursuant to Sections 301, 302, 304 and 307 of the Clean Water Act (CWA) and amendments thereto are applicable to the discharge.
14. This Board Order permits the discharge of dewatering wastes and other similar wastes to waters of the State subject to the prohibitions, effluent limitations, and provisions of this Board Order. It does not pre-empt or supersede the authority of the municipalities, flood control agencies, or other local agencies to prohibit, restrict, or control discharges of waste to storm drain systems or other water courses subject to their jurisdiction.
15. This discharge has been subject to an NPDES Permit and waste discharge requirements, Board Order No. 93-002 , (NPDES No. CAG677001), adopted on January 20, 1993.
16. This Board Order updates the waste discharge requirements to comply with current laws and regulations as set forth in the California Water Code and the California Code of Regulations.
17. The Board has notified 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.
18. The Board in a public meeting heard and considered all comments pertaining to this discharge.
19. In accordance with Section 13389, Chapter 5.5, Division 7 of the California Water Code, and Section 15263, Chapter 3, Title 14 of the California Code of Regulations, the issuance of these waste discharge requirements is exempt from the California Environmental Quality Act requirement to prepare an Environmental Impact Report or Negative Declaration (Public Resources Code, Section 21100 et seq.).

IT IS HEREBY ORDERED, that Board Order No. 93-002 is terminated, and in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, and the provisions of the Federal Clean Water Act, and regulations and guidelines adopted thereunder, the permittee shall comply with the following:

A. Applicability

1. All discharges covered by this Board Order shall be limited to hydrostatic test waters.
2. Persons seeking coverage under this Board Order shall submit all the information described in Finding No. 8. The information shall be submitted at least 30 days prior to the start of discharge.
3. If the Regional Board's Executive Officer finds that the proposed discharge qualifies for coverage under this Board Order, the discharger shall be issued a Notification of Applicability statement. Individual dischargers are not covered by this Board Order until they have been issued a Notification of Applicability by the Regional Board's Executive Officer. If a proposed discharge does not qualify for this general permit, it will receive its own permit.

B. Specifications

1. The disposal of hydrostatic test wastewater shall not cause pollution or nuisance as defined in Sections 13050(1) and 13050(m) of Division 7 of the California Water Code.
2. The discharge shall not cause a reduction in the quality of the receiving waters or cause any impairment to the beneficial uses of the receiving waters.
3. The discharge shall not:
 - a. Depress the dissolved oxygen content of the receiving waters below that of the ambient dissolved oxygen levels.
 - b. The hydrogen ion (pH) of the effluent shall be maintained within the limits of 6.0 to 9.0.
 - c. Cause the presence of oil, grease, scum, sludge or objectionable solids.
 - d. Contain metals, chemicals, pesticides, or other constituents in concentrations which are toxic to or which produce detrimental physiological responses in human, plant, animal, or indigenous aquatic life.
 - e. Significantly increase the temperature of the receiving waters.
 - f. Increase the turbidity of the receiving waters.
4. Discharges shall not contain constituents in excess of the following concentrations:

| <u>Constituents</u> | <u>Units</u> | <u>Maximum Value</u> |
|---------------------|--------------|----------------------|
| Suspended Solids | mg/L | 95 |
| BODs @ 20°C | mg/L | 55 |
| Oil and Grease | mg/L | 25 |
| Turbidity | NTU | 75 |
| Settleable Solids | ml/L | 0.2 |
| Residual Chlorine | mg/L | 0.1 |

5. This discharge shall not cause a violation of any applicable water quality standards for receiving waters adopted by the Regional Board or the State Water Resources Control Board as required by the Federal Clean Water Act and regulations adopted thereunder. If more stringent applicable water quality standards are promulgated or approved pursuant to Section 303 of the Federal Water Pollution Control Act or amendments thereto, the Regional Board will revise and modify this Board Order in accordance with such more stringent standards.
6. The discharge of any substances in concentrations toxic to human, animal, plant or aquatic life is prohibited.

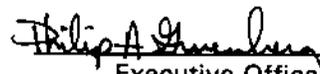
7. The discharge shall be limited to hydrostatic test water, and/or similar types of wastes with added treatment chemicals approved by the Regional Board's Executive Officer, which does not adversely affect the environment and complies with the requirements of this Board Order.
8. Discharges to areas designated as being of Special Biological Significance are prohibited. Discharges shall be located at a sufficient distance from such designated areas to assure maintenance of natural water quality conditions in these areas.
9. The discharge of hydrostatic test water from a specific site in excess of the flow rate specified in each discharger's authorization letter from the Regional Board's Executive Officer is prohibited.
10. The discharge shall not cause radionuclides to be present in concentrations that exceed the maximum permissible concentration for radionuclides in water as set forth in Chapter 5, Title 17, of the California Code of Regulations.
11. The discharge shall not cause degradation of any water supply.

C. Provisions

1. Dischargers who fail to file a Notice of Intent and discharge pollutants to the waters of the State are in violation of the California Water Code and the Federal Clean Water Act.
2. The discharger(s) shall receive a Notice of Applicability for this general permit from the Regional Board's Executive Officer before hydrostatic test water may be discharged.
3. The discharger(s) shall comply with the attached "Monitoring and Reporting Program No. 98-300, and future revisions thereto, as specified by the Regional Board's Executive Officer, and shall be in accordance of the following:
 - a. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
 - b. Records of monitoring information shall include:
 1. The date, exact place, and time of sampling or measurement(s);
 2. The individual(s) who performed the sampling or measurement(s);
 3. The date(s) analyses were performed;
 4. The individual(s) who performed the analyses;
 5. The results of such analyses.
4. The Regional Board, or its' authorized representatives shall be allowed entry to the premises to inspect and undertake any activity to determine compliance with this Board Order, or as otherwise authorized by the California Water Code.
5. This Board Order shall be modified or, alternatively, revoked and reissued to comply with any applicable effluent standard or limitation issued or approved under Section 301(b)(2)(C) and (D), 304(b)(2), and 307(a)(2) of the Clean Water Act.

6. Discharger(s) authorized under this Board Order shall maintain a copy of this Board Order at each project where it will be available at all times to operating personnel. All site operating personnel shall be familiar with the content of this Board Order.
7. This Board Order is not intended to cover the discharge of waters from the rinsing of vessels that contain hazardous waste residues. Any such discharges are prohibited unless authorized by a separate waste discharge requirement permit.
8. This Board Order does not exempt the discharger(s) from compliance with any other laws, regulations, or ordinances which may be applicable.
9. All sampling and testing performed for the Monitoring and Reporting Program shall be conducted by a laboratory certified by the California Department of Health Services.
10. The discharger(s) shall notify the Regional Board in writing when hydrostatic testing has been completed for the project covered by this Board Order. The discharger(s) will no longer be covered by this Board Order upon receiving the Notice of Termination. Since annual fees are issued for NPDES permits, it is important that the Notice of Termination be received to terminate the issuance of the annual fee.
12. This Board Order shall serve as a National Pollutant Discharge Elimination System Permit pursuant to Section 402 of the Federal Clean Water Act, as amended, and shall become effective at the end of ten (10) days from the date of the hearing at which this Board Order was adopted by the Regional Board, provided the Regional Administrator, U. S. Environmental Protection Agency, has no objections.
13. This Board Order expires five years from the date of adoption. However, it shall continue in force and effect until a new order is issued. Only those dischargers authorized to discharge under the expiring Board Order are covered by the continued Board Order.

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 May 14, 1998.


Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 98-300
NPDES NO. CAG677001
FOR
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT
AND
GENERAL WASTE DISCHARGE REQUIREMENTS
FOR
DISCHARGE OF HYDROSTATIC TEST WATER TO SURFACE WATERS

MONITORING

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.

When a project involves several hydrostatic tests, samples shall be collected at a minimum of 20% of the discharge locations. If there are less than five (5) locations, a minimum of one (1) site shall be sampled. Samples shall be taken at the point of discharge within one hour of the initial release. The discharger shall sample the effluent and test for the constituents listed below:

| <u>Constituents</u> | <u>Units</u> | <u>Frequency</u> |
|--|--------------------|--------------------|
| Total Discharge | Gallons (estimate) | Daily ¹ |
| Suspended Solids | mg/L | Once per Discharge |
| BOD @ 20°C | mg/L | Once per Discharge |
| Oil and Grease (EPA Method 418.1) | mg/L | Once per Discharge |
| Turbidity | NTU | Once per Discharge |
| Settleable Solids | ml/L | Once per Discharge |
| Residual Chlorine | mg/L | Once per Discharge |
| Total Petroleum Hydrocarbons (EPA Method 418.1) | mg/L | Once per Discharge |
| Temperature | °C | Daily |
| Dissolved Oxygen | mg/L | Daily |

¹ If discharge takes less than one day, the total discharge volume shall be estimated. If the discharge takes more than one day, than the total discharge volume shall be estimated for each day of discharge.

The receiving water shall be sampled and tested for the constituents listed below:

| <u>Constituents</u> | <u>Units</u> | <u>Frequency</u> |
|---------------------|--------------|------------------|
| Temperature | °C | Daily |
| Dissolved Oxygen | mg/L | Daily |

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. 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 a fine and imprisonment for knowing violations."

3. Upon completion of the discharge, a Notice of Termination shall be prepared including a monitoring report listing the concentrations of the constituents listed above. The notice of termination and the monitoring report shall be sent to the following address:

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

Ordered by: Philip A. Greenberg
Executive Officer

May 14, 1998
Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

NOTICE OF INTENT

TO COMPLY WITH THE TERMS OF GENERAL ORDER NO. 98-300
for HYDROSTATIC TEST WATER

1. CONTRACTOR/OPERATOR

- if additional owners/operators are involved, provide information in a supplementary letter

Name: _____
Mailing Address: _____
City: _____ State: _____ Zip: _____ Phone: _____
Contact Person: _____
Contractor: _____ Operator: _____ Contractor/Operator: _____

2. PROPERTY OWNER

- if additional property owners are involved, provide the information in a supplementary letter

Name: _____
Mailing Address: _____
City: _____ State: _____ Zip: _____ Phone: _____
Contact Person: _____

3. WATER SUPPLIERS

Name: _____
Mailing Address: _____
City: _____ State: _____ Zip: _____ Phone: _____
Contact Person: _____
Comments: _____

4. BILLING ADDRESS:

Name: _____
Mailing Address: _____
City: _____ State: _____ Zip: _____ Phone: _____
Contact Person: _____

5. DISCHARGE LOCATION:

* If more than one discharge is proposed, provide the information in a supplementary letter

Street (including address, if any): _____
City: _____ County: _____
Nearest Cross Street(s): _____
Township/Range/Section: _____
Attach a map of at least 1:24000 (1" = 2000') showing the discharge site. (e.g. USGS 7.5" topographic map). The map should also show the treatment system and surface waters. Wells and residences shall be identified if they may be affected.

6. DISCHARGE TYPE

Description of Discharge: Start Date: _____ Stop Date: _____ (Estimate)
Discharge Rate _____ MGD
Is discharge continuous or intermittent? _____

7. RECEIVING WATER INFORMATION

Name the closest receiving water: _____
Receiving water is tributary to (name major downstream water body): _____

8. PRIMARY POLLUTANTS/PARAMETER LIKELY TO BE IN THE DISCHARGE

Please Identify:

| | | | |
|-------|---------------------|-------|-----------|
| _____ | Settleable Material | _____ | Color |
| _____ | Suspended Material | _____ | Turbidity |
| _____ | pH | _____ | Other |

Have sample been collected? _____ Yes _____ No
Are additives in the discharge? _____ Yes _____ No
If yes, please specify the additive and/or sample result:

9. ABILITY TO COMPLY

Do you believe the discharge may have acute or chronic toxicity, chemical or organic constituents, bacteria, pesticides, oil and grease, radio activity, salinity or temperature that may adversely impact beneficial uses of the receiving water?

_____ Yes _____ No

If your answer is yes you must contact a Professional Engineer. A specific individual permit may be required from the Regional Board rather than the General order.

10. PROFESSIONAL ENGINEER

If a professional Engineer has helped you evaluate the proposed discharge for compliance with this General Order, please identify.

Name: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____ Phone: _____

Signature: _____ Certification No.: _____ Date: _____

11. FEES

A check payable to the State Water Resources Control Board in the amount of \$400 (or appropriate current fee) must be submitted.

12. CERTIFICATION

I hereby certify under penalty of perjury that the information provided in this application and in any attachment is true and accurate to the best of my knowledge. By signing this NOI, I agree to closely monitor and stop the discharge if there is any violation of the General Permit. The Regional Board will be immediately notified of any violation of the General Permit.

Signature of the Contractor/Operator: _____

Print or Type Name: _____ Date: _____

Signature of Property Owner: _____

Print or Type Name: _____ Date: _____

DEFINITIONS OF THE BENEFICIAL USES OF WATER

| CATEGORY | DEFINITION | |
|----------|-------------------------------|---|
| MUN | Municipal and Domestic Supply | Uses of water for community, military, or individual water supply systems including, but not limited to, drinking water supply. |
| AGR | Agriculture Supply | Uses of water for farming, horticulture, or ranching including, but not limited to, irrigation, stock watering, or support of vegetation for range grazing. |
| AQUA | Aquaculture | Uses of water for aquaculture or mariculture operations including, but not limited to, propagation, cultivation, maintenance, or harvesting of aquatic plants and animals for human consumption or bait purposes. |
| IND | Industrial Service Supply | Uses of water for industrial activities that do not depend primarily on water quality including, but not limited to, mining, cooling water supply, hydraulic conveyance, gravel washing, fire protection, and oil well repressurization. |
| GWR | Ground Water Recharge | Uses of water for natural or artificial recharge of ground water for purposes of future extraction, maintenance of water quality, or halting salt water intrusion into fresh water aquifers. |
| REC I | Water Contact Recreation | Uses of water for recreational activities involving body contact with water, where ingestion of water is reasonably possible. These uses include, but are not limited to, swimming, wading, water-skiing, skin and scuba diving, surfing, white water activities, fishing, and use of natural hot springs. |
| REC II | Non-Contact Water Recreation | Uses of water for recreational activities involving proximity to water, but not normally involving contact with water where ingestion of water is reasonably possible. These uses include, but are not limited to, picnicking, sunbathing, hiking, beachcombing, camping, boating, tidepool and marine life study, hunting, sightseeing, or aesthetic enjoyment in conjunction with the above activities. |
| WARM | Warm Freshwater Habitat | Uses of water that support warm water ecosystems including, but not limited to, preservation or enhancement of aquatic habitats, vegetation, fish, or wildlife, including invertebrates. |

DEFINITIONS OF THE BENEFICIAL USES OF WATER

| CATEGORY | | DEFINITION |
|----------|---|--|
| COLD | Cold Freshwater Habitats | Uses of water that support cold water ecosystems including, but not limited to, preservation or enhancement of aquatic habitats, vegetation, fish, or wildlife, including invertebrates. |
| WILD | Wildlife Habitat | Uses of water that support terrestrial ecosystems including, but not limited to, the preservation and enhancement of terrestrial habitats, vegetation, wildlife (e.g., mammals, birds, reptiles, amphibians, invertebrates), or wildlife water and food sources. |
| POW | Hydropower Generation | Uses of water for hydropower generation. |
| FRSH | Freshwater Replenishment | Uses of water for natural or artificial maintenance of surface water quantity or quality. |
| RARE | Preservation of Rare, Threatened, or Endangered Species | Uses of water that support habitats necessary, at least in part, for the survival and successful maintenance of plant or animal species established under state or federal law as rare, threatened or endangered. |

TABLE 2-2

BENEFICIAL USES OF SURFACE WATERS IN THE EAST COLORADO RIVER BASIN

(Listing of the beneficial uses is indicated by X for existing uses, P for potential uses, and I for intermittent uses)

| M U N | A G R | A Q U A | F R S H | I N D | G W R | R E C I | R E C II | W A R M | C O L D | W I L D | P O W | R A R E |
|-------------|-------------|------------------|------------------|-------------|-------------|------------------|-------------------|------------------|------------------|------------------|-------------|------------------|
|-------------|-------------|------------------|------------------|-------------|-------------|------------------|-------------------|------------------|------------------|------------------|-------------|------------------|

Rivers/Streams

| | | | | | | | | | | | | |
|--|---|---|---|--|---|----------------|----------------|---|----------------|---|---|---|
| Colorado River and associated lakes and reservoirs | X | X | X | | X | X | X | X | X ¹ | X | X | X |
| Copper Basin Creek | P | | | | X | X ² | X ² | X | | X | | X |
| Piute Creek | P | X | | | X | X | X | X | | X | | X |

Lakes

| | | | | | | | | | | | | |
|-----------------|---|---|--|--|--|---|---|---|--|---|--|---|
| Houghtelin Lake | P | X | | | | X | X | X | | X | | |
| West Pond | P | | | | | X | X | X | | X | | X |

Canals/Aqueducts

| | | | | | | | | | | | | |
|--------------------------|---|---|---|--|----------------|----------------|----------------|---|--|---|---|--|
| Bard Valley Canals | X | X | | | X | X ² | X | X | | X | P | |
| Palo Verde Valley Canals | P | X | X | | X ³ | X ² | X ² | X | | X | | |

Drains

| | | | | | | | | | | | | |
|-------------------------------------|--|--|--|--|--|----------------|----------------|---|--|---|--|---|
| Bard Valley Drains | | | | | | X ⁶ | X | X | | X | | |
| Palo Verde Valley Drains | | | | | | X ⁶ | X ² | X | | X | | |
| Palo Verde Lagoon and Outfall Drain | | | | | | X ⁴ | X ⁴ | X | | X | | X |

Other

| | | | | | | | | | | | | |
|---|----------------|--|--|--|--------|-------------|--------|--------|--|--------|--|---|
| Unlisted Perennial and Intermittent Streams | P ⁵ | | | | I X | I P X | I X | I X | | I X | | • |
| Washes (Ephemeral Streams) | | | | | I | | I | 7 | | I | | |

Footnotes for Table 2-2

1. Limited to reach from Parker Dam to Nevada State Line.
2. Unauthorized Use.

3. Palo Verde Irrigation District regards any loss of water through seepage from the canals as entirely detrimental to their operations, despite any corollary benefit which occurs from recharging the local ground water basin.
4. Unauthorized use within Riverside County portion of flow.
5. Potential use designation will be determined on a case-by-case basis as necessary in accordance with the "Sources of Drinking Water Policy" in this chapter.
6. Rare, endangered, or threatened wildlife may exist in or utilize some of these waterways. If the RARE beneficial use may be affected by a water quality control decision, responsibility for substantiation of the existence of rare, endangered, or threatened species on a case-by-case basis is upon the California Department of Fish and Game on its own initiative and/or at the request of the Regional Board; and such substantiation must be provided within a reasonable time frame as approved by the Regional Board.
7. Use, if any, to be determined on a case-by-case basis.
8. The only REC I usage known to occur is from fishing activity.

TABLE 2-3

BENEFICIAL USES OF SURFACE WATERS IN THE WEST COLORADO RIVER BASIN

(Listing of the beneficial uses is indicated by X for existing uses,
P for potential uses, and I for intermittent uses)

| M U N | A G R | A Q U A | F R S H | I N D | G W R | R E C I | R E C II | W A R M | C O L D | W I L D | P O W | R A R E |
|-------------|-------------|------------------|------------------|-------------|-------------|------------------|-------------------|------------------|------------------|------------------|-------------|------------------|
|-------------|-------------|------------------|------------------|-------------|-------------|------------------|-------------------|------------------|------------------|------------------|-------------|------------------|

Canals/Aqueducts

| | | | | | | | | | | | | | |
|--|---|---|---|----------------|---|---|----------------|----------------|---|--|---|---|-----------------|
| All American Canal System | X | X | X | X ¹ | X | X | X ² | X ² | X | | X | X | X ¹³ |
| Coachella Canal | P | X | | | | X | X ² | X ² | X | | X | | X ¹³ |
| MWD Aqueduct and Associated reservoirs | X | | | | | X | P ³ | | X | | X | P | |

Drains

| | | | | | | | | | | | | | |
|---|--|--|--|---|---|--|--------------------|----------------|---|--|---|---|-----------------|
| Alamo River | | | | X | | | X ¹⁶ | X | X | | X | P | X ¹³ |
| Coachella Valley Drains | | | | X | | | X ² | X ² | X | | X | | X ¹³ |
| Coachella Valley Storm Water Channel ⁴ | | | | X | | | X ² | X ² | X | | X | | X ¹³ |
| Imperial Valley Drains | | | | X | | | X ^{2, 16} | X ² | X | | X | | X ¹³ |
| New River | | | | X | P | | X ² | X | X | | X | | X ¹³ |

Lakes

| | | | | | | | | | | | | | |
|---------------|---|---|---|--|---|--|-----------------|---|---|----------------|---|--|---|
| Finney Lake | | | | | | | X ¹⁶ | X | X | | X | | X |
| Lake Cahuilla | P | X | | | | | X | X | X | I | X | | |
| Ramer Lake | | | | | | | X | X | X | | X | | X |
| Salton Sea | | | X | | P | | X | X | X | | X | | X |
| Sunbeam Lake | P | X | | | | | X | X | X | P ⁵ | X | | |
| West Lake | P | | | | | | X | X | X | P ⁵ | X | | |
| Water Unit | | | | | | | X ¹⁶ | X | X | | X | | X |

Streams

| | | | | | | | | | | | | | |
|-------------------|---|---|--|--|---|---|----------------|---|---|--|---|--|--|
| Andreas Creek | P | X | | | | X | X | X | X | | X | | |
| Arroyo Creek | X | | | | X | X | X | X | X | | X | | |
| Azules Creek | P | X | | | | X | X | X | X | | X | | |
| Banner Creek | P | X | | | X | X | X | X | X | | X | | |
| Big Morongo Creek | P | X | | | | X | X ⁶ | X | X | | X | | |

TABLE 2-3 (Cont.)

BENEFICIAL USES OF SURFACE WATERS IN THE WEST COLORADO RIVER BASIN

| M U N | A G R | A Q U A | F R S H | I N D | G W R | R E C I | R E C II | W A R M | C O L D | W I L D | P O W | R A R E |
|-------------|-------------|------------------|------------------|-------------|-------------|------------------|-------------------|------------------|------------------|------------------|-------------|------------------|
|-------------|-------------|------------------|------------------|-------------|-------------|------------------|-------------------|------------------|------------------|------------------|-------------|------------------|

Streams (Cont.)

| | | | | | | | | | | | | |
|-----------------------------|---|---|---|--|---|----------------|----------------|---|---|---|--|---|
| Borrego Palm Canyon Creek | P | | | | X | X | X | X | | X | | X |
| Boundary Creek | P | X | | | X | X | X | X | | X | | |
| Brown Creek | P | I | | | I | I | I | I | | I | | |
| Carrizo Creek | | X | | | X | X | X | X | | X | | X |
| Chino Canyon Creek | X | | | | X | P | X | X | | X | | |
| Coyote Creek | P | | | | X | X | X | X | | X | | X |
| Crystal Creek | X | X | | | X | X | X | X | | X | | |
| Dutch Creek | P | I | | | I | I | I | I | | I | | |
| Falls Creek | X | | | | X | P | X ^o | | X | X | | |
| Grapevine Canyon Creek | P | | | | X | X | X | X | | X | | |
| Hathaway Creek | P | X | | | X | P | X | X | | X | | |
| Little Morongo Creek | P | X | | | X | X | X | X | | X | | |
| Millard Canyon Creek | X | X | | | X | X | X | X | | X | | |
| Mission Creek | P | X | | | X | X | X | X | | X | | |
| Palm Canyon Creek | P | X | | | X | X | X | X | | X | | |
| Pipes Canyon Creek | P | | | | I | I | I | I | | I | | |
| Potrero Creek | P | X | | | X | X | X | X | | X | | |
| Salt Creek | | | X | | X | X | X | X | | X | | X |
| San Felipe Creek | | X | X | | X | X | X | X | | X | | X |
| San Gorgonio River | P | X | | | X | X | X | | X | X | | |
| Snow Creek | X | | | | X | X | X ^o | | X | X | | |
| Tahquitz Creek | P | | | | X | X | X | | X | X | | |
| Thousand Palms Canyon Creek | P | X | | | X | X ² | X | X | | X | | |
| Tubb Canyon Creek | X | | | | X | P | X | X | | X | | X |
| Tule Creek | P | X | | | X | X | X | X | | X | | |

TABLE 2-3 (Cont.)

BENEFICIAL USES OF SURFACE WATERS IN THE WEST COLORADO RIVER BASIN

| M U N | A G R | A Q U A | F R S H | I N D | G W R | R E C I | R E C II | W A R M | C O L D | W I L D | P O W | R A R E |
|-------------|-------------|------------------|------------------|-------------|-------------|------------------|-------------------|------------------|------------------|------------------|-------------|------------------|
|-------------|-------------|------------------|------------------|-------------|-------------|------------------|-------------------|------------------|------------------|------------------|-------------|------------------|

Streams (Cont.)

| | | | | | | | | | | | | |
|--------------------------------|---|---|--|--|--|---|---|---|---|---|---|---|
| Twin Pines Creek | X | X | | | | X | X | X | X | | X | |
| Vallecito Creek | P | I | | | | I | I | I | I | | I | |
| Walker Creek | P | X | | | | X | X | X | X | | X | |
| Whitewater River ¹⁰ | X | X | | | | X | X | X | I | X | X | X |
| Willow Creek | P | | | | | X | X | X | | X | X | |

Other

| | | | | | | | | | | | | | |
|---|-----------------|--|--|----------------------|--|--------|-------------|--------|--------|--|--------|--|----------------------|
| Unlisted Perennial and Intermittent Streams | P ¹¹ | | | I X ¹² | | I X | I P X | I X | I X | | I X | | I X ¹³ |
| Washes ¹⁴ (Ephemeral Streams) | | | | I ¹² | | I | | I | ? | | I | | |

Footnotes for Table 2-3

1. Some very limited spillage of canal water occurs providing freshwater replenishment to Salton Sea.
2. Unauthorized use.
3. The water quality is satisfactory to support REC I use, although such use is strictly prohibited and would be extremely dangerous.
4. Section of perennial flow from approximately Indio to the Salton Sea.
5. Although some fishing occurs in the downstream reaches, the presently contaminated water in the river makes it unfit for any recreational use. An advisory has been issued by the Imperial County Health Department warning against the consumption of any fish caught from the river and the river has been posted with advisories against any body contact with the water.
6. The lake was experimentally stocked with trout during the winter of 1987/88. The results from this stocking will be evaluated to see if future stocking will be recommended.
7. Use, if any, to be determined on a case-by-case basis.
8. Although it is not encouraged, children play in the water infrequently on the wildlife reserve.

9. Most of the creek is on National Forest Service land except one section which is owned by Desert Water Agency. This section provides the only reasonable access to the area. To enter Falls or Snow Creek through Desert Water Agency's land, a permit is required. The permit stipulates that persons entering through DWA's land must agree not to swim, fish, or wade in any portion of the creek.
10. Includes the section of flow from the headwaters in the San Geronio Mountains to (and including) the Whitewater Recharge Basins near Indian Avenue crossing in Palm Springs.
11. Potential use designations will be determined on a case-by-case basis as necessary in accordance with the "Sources of Drinking Water Policy" in this chapter.
12. Applies only to tributaries to Salton Sea.
13. Rare, endangered, or threatened wildlife exists in or utilizes some of these waterway(s). If the RARE beneficial use may be affected by a water quality control decision, responsibility for substantiation of the existence of rare, endangered, or threatened species on a case-by-case basis is upon the California Department of Fish and Game on its own initiative and/or at the request of the Regional Board; and such substantiation must be provided within a reasonable time frame as approved by the Regional Board.
14. Including the section of ephemeral flow in the Whitewater River Storm Water Channel and Coachella Valley Storm Water Channel from Indian Avenue to approximately 1/4 mile west of Monroe Street crossing.
15. The California Department of Fish and Game manages these lakes and does not permit swimming in them.
16. The only REC I usage that is known to occur is from infrequent fishing activity.