

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

ORDER NO. 82-45

WASTE DISCHARGE REQUIREMENTS
FOR
BIG BEAR AREA REGIONAL WASTEWATER AGENCY
RECLAIMED WATER USERS IN LUCERNE VALLEY AREA - BOE
San Bernardino County

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

1. Big Bear Area Regional Wastewater Agency, P.O. Box 517, Big Bear City, CA 92314, submitted a report of waste discharge, effective date, July 12, 1982, to supply reclaimed wastewater to Jack J. Boe, Star Route Box 332, Lucerne Valley, CA 92356. Both of the above are hereinafter jointly and severally referred to as the discharger.
2. The requirements governing the quality of this wastewater are set forth in Waste Discharge Requirements contained in Order No. 76-17.
3. The discharger proposes to discharge about 100 gallons-per-day of treated wastewater to be beneficially reused by irrigating a few trees to provide shade and a windbreak. The area to be irrigated is within the NE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of Section 3, T3N, R1E, SBB&M.
4. The State Department of Health Services and the San Bernardino County Department of Environmental Health Services have jointly submitted to the Regional Board health protection requirements for use of this reclaimed wastewater. These requirements have been made a part of this Order in Attachment A.
5. The Water Quality Control Plan for the West Colorado River Basin Region was adopted on April 10, 1975. The Basin Plan contains water quality objectives for the Lucerne Hydrologic Unit.
6. The beneficial uses of the groundwater in the Lucerne Hydrologic Unit are:
 - a. Municipal supply
 - b. Industrial supply
 - c. Agricultural supply
7. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the proposed discharge.
8. The Board in a public meeting heard and considered all comments pertaining to the discharge.

*Revised
1/26/83*

9. This discharge system constitutes an ongoing project in accordance with the provisions of the California Environmental Quality Act (Public Resources Code Section 21000 et seq.) and Title 23, California Administrative Code, Chapter 3, Subchapter 17, Section 2715, because governmental approvals on or after April 5, 1973, do not involve a greater degree of responsibility or control over such (activity) than the governmental approvals received prior to that date.

IT IS HEREBY ORDERED, the discharger shall comply with the following:

A. Discharge Specifications

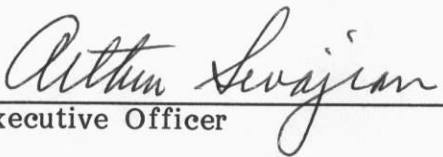
1. Neither the treatment nor the discharge of wastewater shall create a pollution or a nuisance as defined in Division 7 of the California Water Code.
2. Reclaimed wastewater shall meet the requirements of Wastewater Reclamation Criteria, Title 22, Division 4, California Administrative Code.
3. Reclaimed wastewater shall be used only for irrigation of the trees described in Finding No. 3, and/or other vegetation as approved by the Regional Board Executive Officer.
4. Wastewater shall be contained within the property boundaries of the discharger (wastewater recipient).
5. The discharge shall not approach closer than 200 feet to any domestic water well, unless approved by the San Bernardino County Department of Environmental Health Services.
6. The discharger (wastewater supplier) shall inspect the usage of wastewater to insure compliance with the requirements contained in this Order.
7. The discharger shall use reasonable efforts so that humans and animal pets are excluded from direct contact with the wastewater.
8. The discharger shall comply with the requirements in Attachment A.

B. Provisions

1. Big Bear Area Regional Wastewater Agency shall inspect the reclaimed wastewater facilities prior to commencement of discharge at each site, and shall report to the Regional Board on compliance with this Order in the initial Monitoring Report.
2. At least 30 days prior to any modifications in the discharge of reclaimed wastewater at this location, which would result in a change in the method of irrigation, in the kinds of plants irrigated, in the quantity of wastewater discharged, or any change in the location of discharge, the discharger shall request, in writing, written approval from the Regional Board Executive Officer.

3. This Order includes the attached "Monitoring and Reporting Program No. 82-45, and future revisions thereto, as specified by the Executive Officer.
4. Prior to any change of ownership of the land irrigated with reclaimed wastewater, the discharger shall notify the succeeding owner, in writing, of the existence of this Order, and forward a copy of said correspondence to the Regional Board.

I, Arthur Swajian, 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 September 22, 1982.



Executive Officer

ATTACHMENT A

HEALTH PROTECTION REQUIREMENTS
FOR USE OF RECLAIMED WASTEWATER FROM
BIG BEAR AREA REGIONAL WASTEWATER AGENCY (BBARWA)
BY USERS IN LUCERNE VALLEY
AUGUST 1982

1. Users of reclaimed wastewater must be aware that the wastewater delivered to their site by BBARWA has not been disinfected and likely contains disease causing bacteria and virus. Drinking the wastewater can cause disease and contact should be avoided by humans and animal pets. The user is responsible for properly advising any visitors or guests that wastewater is used on the property.
2. The public must be effectively excluded from any area where wastewater is used by fencing and/or posting of warning signs as required.
3. Spray irrigation of wastewater is not permitted unless specifically authorized by a Regional Water Quality Control Board (RWQCB) order.
4. Wastewater shall not be used to irrigate any food crops for human use. With advance approval, fruit trees may be surface irrigated provided that no fruit is harvested that comes in contact with the ground.
5. Milking cows and goats shall be excluded from any area where wastewater is used.
6. Wastewater use-areas and conveyance facilities (pipes, tanks, etc.,) shall be kept as far as possible away from drinking water systems.
 - a. Absolutely no connections shall be made between wastewater and drinking water systems.
 - b. If there must be hose bibbs on the wastewater piping, they must be a different size than hose bibbs on the drinking water system so hoses cannot be interchanged.
 - c. Wastewater and domestic water pipelines must be at least 10 feet apart.
 - d. Wastewater piping should be of different material than drinking water piping.
 - e. Any outlets from the wastewater system must be clearly marked "Sewage - Do Not Drink."
7. Ponding of wastewater should be minimized to prevent mosquito breeding.
8. If spray irrigation is specifically authorized by a RWQCB order, spraying must be controlled so no reclaimed wastewater is sprayed on buildings, domestic water facilities, or public roadways. Special precautions must be taken during windy periods. No spray irrigation shall be done within 200 feet of a residence.

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 82-45
FOR
BIG BEAR AREA REGIONAL WASTEWATER AGENCY
RECLAIMED WATER USERS IN LUCERNE VALLEY AREA - BOE
San Bernardino County

Location of Discharge: Portion of the NE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of Section 3,
T3N, R1E, SBB&M

MONITORING

Big Bear Area Regional Wastewater Agency shall report to the Regional Board monthly concerning compliance or non-compliance of this discharge with the requirements in Order No. 82-45.

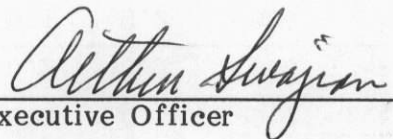
REPORTING

The above monitoring program shall be implemented immediately upon adoption of this Order. Monthly reports shall be submitted to the Regional Board by the 15th day of the following month.

Submit monitoring reports to:

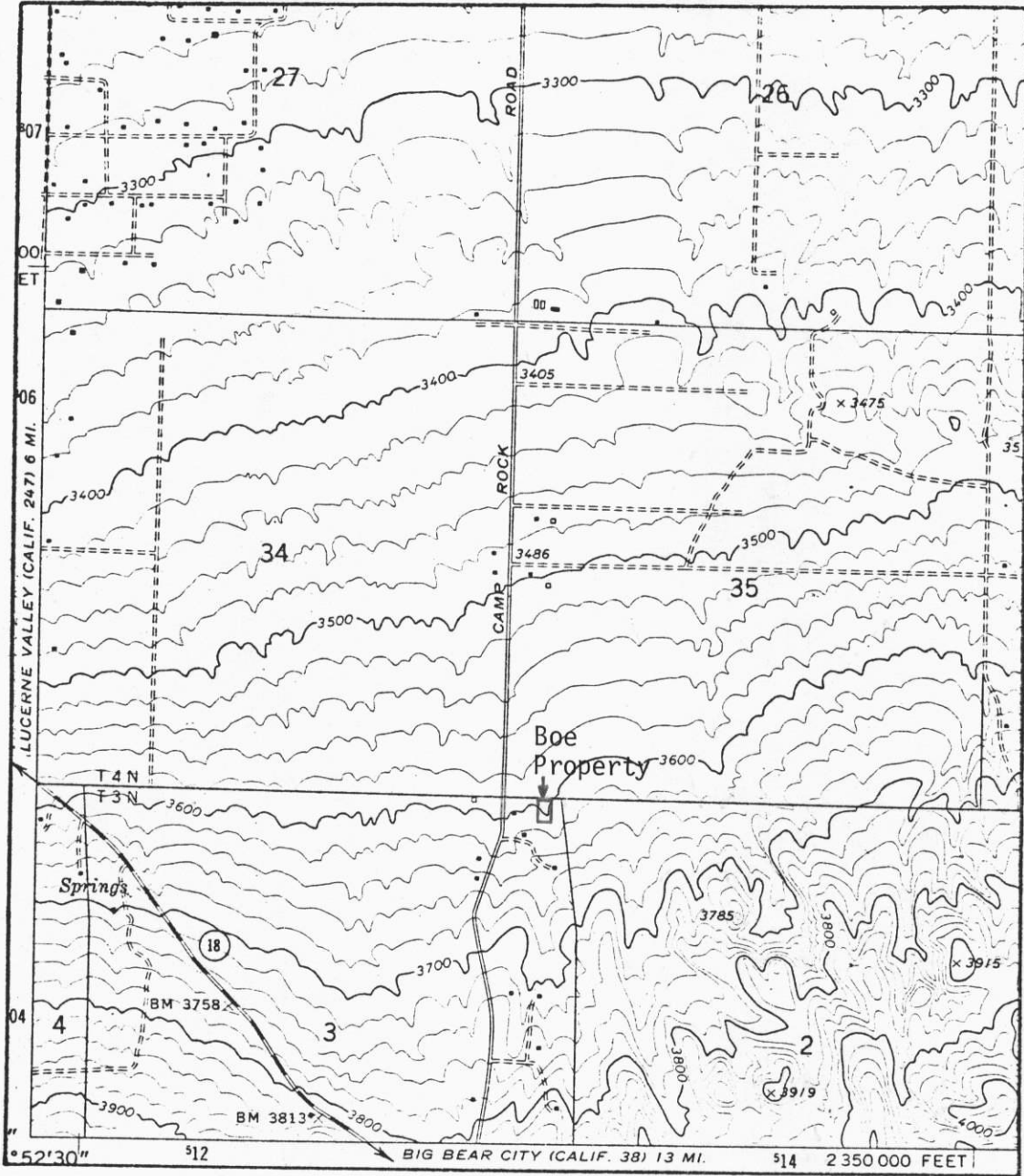
California Regional Water Quality Control Board
Colorado River Basin Region
73-271 Highway 111, Suite 21
Palm Desert, CA 92260

ORDERED BY:


Executive Officer

September 22, 1982
Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - 7



N.
 Scale:
 1"=2,000'

SITE MAP
 BIG BEAR AREA REGIONAL WASTEWATER AGENCY
 RECLAIMED WATER USERS IN LUCERNE VALLEY AREA
 San Bernardino County
 Discharge Location: NE1/4, NE1/4, NE1/4 of Sec. 3, T3N, R1E, SBB&M
 USGS Cougar Buttes 7.5 min. Topographic Map