

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

ORDER NO. 87-15

**WASTE DISCHARGE REQUIREMENTS
FOR
CIRCLE K CORPORATION, CIRCLE K #1006
Indio - Riverside County**

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

1. Circle K Corporation (hereinafter also referred to as the discharger) with headquarters at 5811 Manzanita Avenue, Carmichael, California, is the owner of a gasoline station located at its retail outlet No. 1006, 46-490 Calhoun Street, Indio, California.
2. The Regional Board received an Underground Storage Tank Unauthorized Release Report dated March 25, 1986, indicating that an unknown volume of gasoline has leaked from two tanks at said retail outlet.
3. Staff of the City of Indio Fire Department, informed the Regional Board that the tanks had been replaced within the last six years and that one of the tanks failed a pressure test and was leaking gasoline at a rate of 2.0 gal/hr.
4. The staff of the Regional Board determined that there was a threat to the quality of the ground water. Accordingly on April 9, 1986, the Regional Board staff forwarded correspondence to Circle K Corporation requesting a subsurface investigation.
5. On July 9, 1986, the Regional Board received a preliminary technical report prepared by Pioneer Consultants (Consultants for Circle K Corporation) in reference to the gasoline contamination. The technical report indicates that the ground water is contaminated with gasoline.
6. On July 18, 1986, the Regional Board sent a letter to the discharger requesting completion of the subsurface investigation which includes a determination of the lateral and vertical extent of the contamination.
7. On October 31, 1986, the Regional Board received the final technical report prepared by Groundwater Technology Inc. (consultants for Circle K Corporation).
8. The discharger submitted a Report of Waste Discharge dated November 17, 1986, for disposal of contaminated ground water removed during the cleanup operation of the gasoline contamination.
9. On November 21, 1986, the Regional Board received a cleanup proposal, for recovery of the free gasoline in the ground water and extraction of the contaminated ground water, prepared by Groundwater Technology Inc.

*Cancelled
1/17/90*

The proposal is to treat the water by air-stripping and activated carbon filtration and dispose of it by either re-injection into the ground water or discharge to the Valley Sanitary District sewer system.

10. Valley Sanitary District has expressed a willingness to accept the discharge; however, a formal request has not been made by the discharger.
11. The Water Quality Control Plan for the Colorado River Basin Region identifies the beneficial uses of ground waters in the Coachella Hydrologic Subunit as:
 - a. Municipal
 - b. Industrial
 - c. Agricultural
12. Contamination of the ground water with gasoline could impair the beneficial uses of the ground water.
13. These waste discharge requirements are exempt from the California Environmental Quality Act pursuant to Sections 15308 and 15321, Chapter 3, Title 14 of the California Administrative Code.
14. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the discharge.
15. The Board in a public meeting heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, that pursuant to Sections 13304 and 13260 of Division 7 of the California Water Code, 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. Water discharged from the cleanup operation to the ground water by infiltration/injection shall be infiltrated/injected into the perched zone and not lower than 25 feet below ground surface, and shall not contain the constituents listed below in excess of the listed concentrations:

Constituent	Limit	Unit
Benzene	0.7	ppb (parts per billion)
Ethylbenzene	680	ppb
Toluene	100	ppb
Xylene (Ortho, Para, Meta)	440 2	ppb

3. Water discharged from the cleanup operation to the Valley Sanitary District sewer facilities shall not contain total hydrocarbons in excess of 25 mg/l.
4. Neither treated nor untreated water from the cleanup operation shall be discharged towards surface waters.
5. The petroleum product removed by the cleanup operation shall be discharged at a waste management facility, approved to receive this type of material, or to a recycling facility.

B. Provisions

1. By February 18, 1987, submit to the Regional Board a time schedule of specific actions for the cleanup of said gasoline contamination.
2. Submit to the Regional Board at least thirty days before construction, plans for the recovery system and the water treatment and disposal facilities for the Executive Officer's approval.
3. During the cleanup operation, submit monthly monitoring reports as specified in the attached "Monitoring and Reporting Program No. 87-15", and as may be revised hereafter. The Monitoring Reports shall be certified to be true and correct, and signed, under penalty of perjury, by an authorized officer of the company.
4. Submit to the Regional Board, at such time as sufficient technical data is collected from the cleanup and testing operation, a proposed cleanup level in the ground water that is feasible and reasonable, for approval by the Regional Board.
5. Upon completion of the cleanup operation, submit to the Regional Board a written certification of the cleanup signed by a California Registered Civil Engineer.
6. Nothing contained herein shall be interpreted as requiring Valley Sanitary District to accept discharge to its sewerage system, or to constrain the Valley Sanitary District from placing any additional or more stringent requirements for discharge into its sewerage system.

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 January 21, 1987.



Executive Officer

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

MONITORING AND REPORTING PROGRAM NO. 87-15
FOR
CIRCLE K CORPORATION, CIRCLE K #1006
Indio - Riverside County

MONITORING

1. The water re-injected subsurface from the cleanup operation shall be monitored daily for benzene, ethylbenzene, toluene, and xylene for the first week of operation, monitored weekly for the second month, and monthly thereafter.
2. Water discharged to the municipal sanitary sewer system shall be monitored weekly for total hydrocarbons for the first three months of operation, thence monitored monthly.
3. Daily flow measurements shall be made of the discharge of treated water.
4. The daily volume of gasoline and ground water shall each be measured during extraction.
5. Nothing contained herein shall be interpreted to constrain the Valley Sanitary District from requiring additional or more frequent monitoring of fluids discharged into its sewerage system.

REPORTING

1. The above monitoring data shall be submitted monthly to the Regional Board, by the 15th day of the succeeding month.
2. The monitoring data shall be mailed to:

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

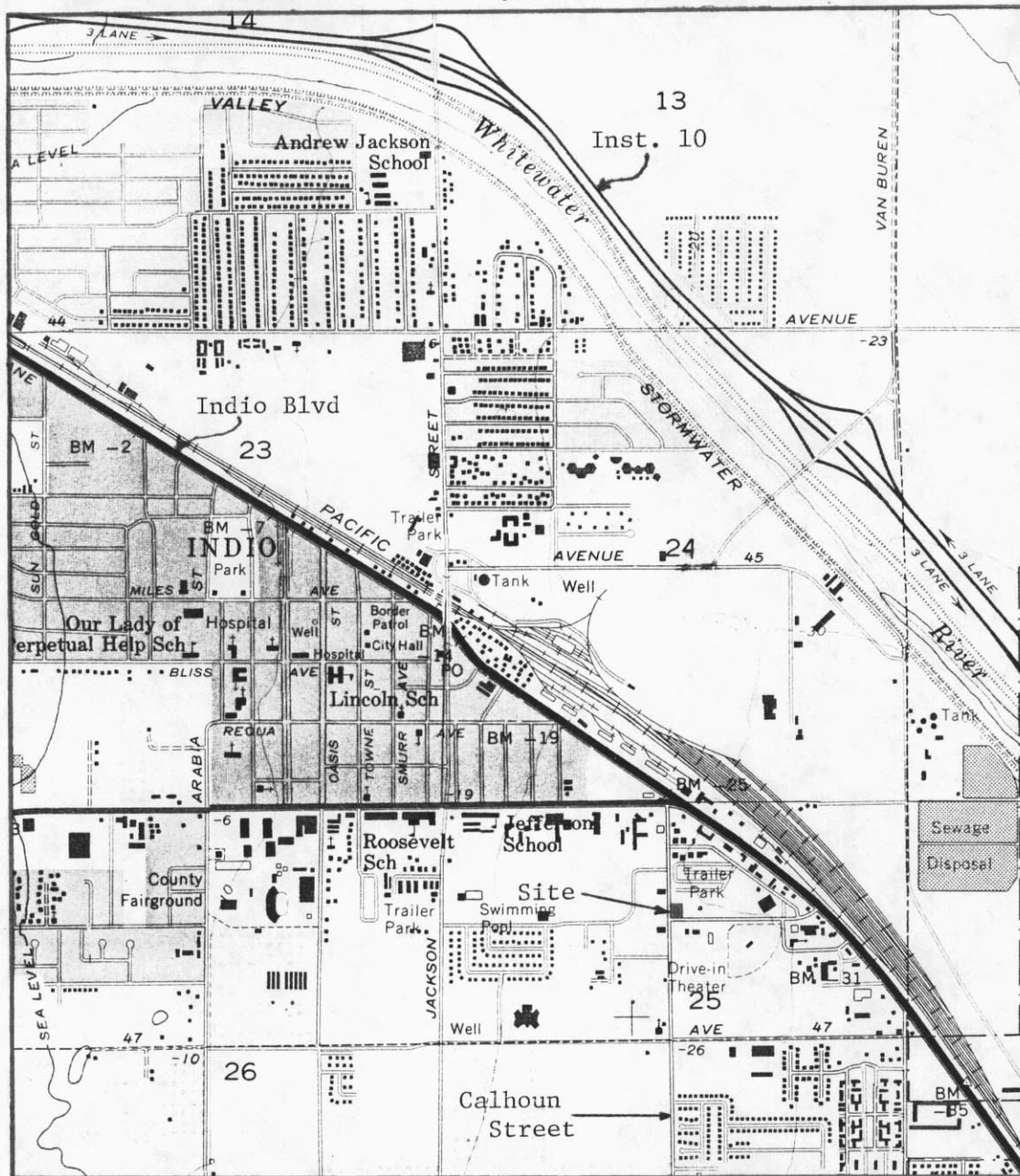
ORDERED BY: _____

Arthur S. Sujan
Executive Officer

January 21, 1987

Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD -7



SITE MAP

CIRCLE K CORPORATION, CIRCLE K #1006
 Indio - Riverside County
 Portion of the NW $\frac{1}{4}$, NE $\frac{1}{4}$ of Section 25, T5S, R7E, SBB&M
 USGS Indio 7.5 min. Topographic Map

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