

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

ORDER NO. 87-16

**WASTE DISCHARGE REQUIREMENTS  
FOR  
CIRCLE K CORPORATION, CIRCLE K #1407  
Blythe - 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 located at 5811 Manzanita Avenue in Carmichael, California, is the owner of a gasoline station at its retail outlet No. 1407 located at 945 West Hobson Way, Blythe, California.
2. The discharger purchased the gasoline station in 1979. The existing tanks which have not been replaced since the purchase, tested tight in a July 1986 pressure test; however, a pipeline leak was discovered during the test.
3. The Regional Board received an Underground Storage Tank Unauthorized Release Report on August 15, 1986, indicating that an unknown volume of gasoline had escaped through the leak in the pipeline.
4. The discharger contracted with Groundwater Technology Inc. (consultant for Circle K Corporation) on September 1, 1986, to investigate the extent of the gasoline contamination in the soil and the ground water.
5. The technical report on the contamination, prepared by Groundwater Technology Inc. dated October 15, 1986, indicated extensive contamination in the ground water.
6. A cleanup proposal to recover the free gasoline in the ground water and to extract the contaminated ground water was submitted on November 10, 1986, by Groundwater Technology Inc. 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 City of Blythe sanitary sewer system.
7. The City of Blythe has expressed a willingness to accept the discharge. However, a formal request has not been made by the discharger.
8. The discharger submitted a Report of Waste Discharge dated November 17, 1986, for the disposal of contaminated ground water from the cleanup operation of the gasoline contamination.

*Cancelled  
1/17/90*

9. The Water Quality Control Plan for the Colorado River Basin Region identifies the beneficial uses of ground waters in the Colorado Hydrologic Unit as:
  - a. Municipal
  - b. Industrial
  - c. Agricultural
10. Contamination of the ground water with gasoline could impair the beneficial uses of the ground water.
11. 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.
12. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the discharger.
13. 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 ground water not lower than 15 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	ppb

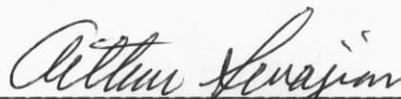
3. Water discharged from the cleanup operation to the City of Blythe sanitary facilities shall not contain total hydrocarbons in excess of 25 mg/l.
4. Neither treated nor untreated water from the cleanup operation shall be discharged towards surface waters.

5. The petroleum product removed from 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 30 days before construction, plans for the design of 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. 87-16", 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 the City of Blythe to accept discharge into its sewerage system, or as constraining the City of Blythe from setting additional or more stringent requirements on discharge to 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.

  
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Executive Officer

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

MONITORING AND REPORTING PROGRAM NO. 87-16  
FOR  
CIRCLE K CORPORATION, CIRCLE K #1407  
Blythe - Riverside County

MONITORING

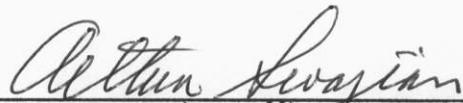
1. The water re-injected subsurface from the cleanup operation shall be monitored daily for benzene, ethylbenzene, toluene, and xylene for the first week of operation, monitored weekly for the second month, and monthly thereafter.
2. Water discharged to the municipal sanitary sewer system shall be monitored 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 as constraining the City of Blythe from requiring additional or more frequent monitoring for discharge to 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

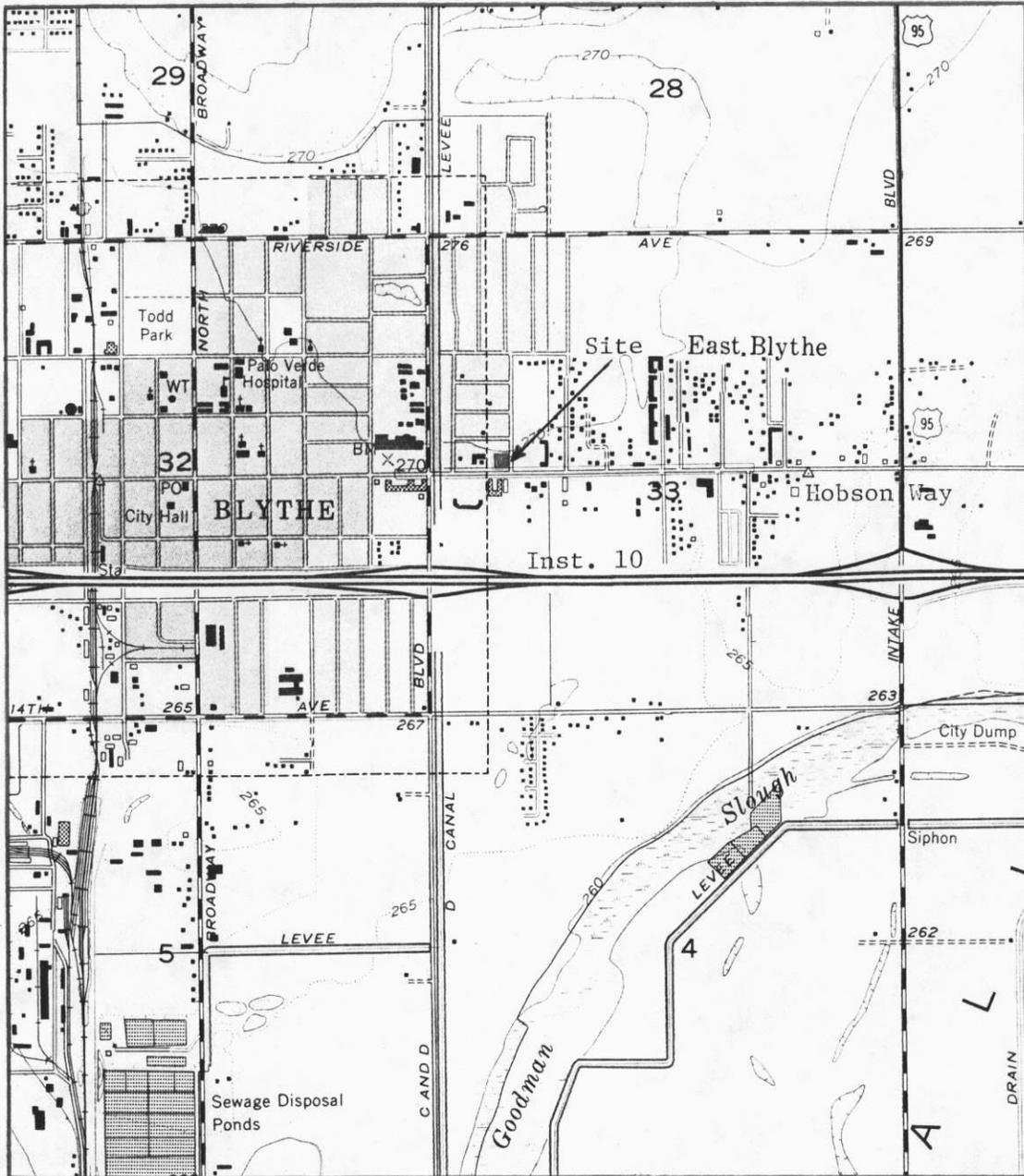
ORDERED BY:

  
Executive Officer

January 21, 1987

Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD -7



SITE MAP

CIRCLE K CORPORATION CIRCLE K #1407  
Blythe - Riverside County  
Portion of the SW $\frac{1}{4}$  of Section 33, T6S, R23E, SBB&M  
USGS Blythe 7.5 min. Topographic Map