

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

CLEANUP AND ABATEMENT ORDER NO. 88-140 (Revision 1)
AGAINST
CITY OF COACHELLA
Coachella - Riverside County

The Executive Officer of the California Regional Water Quality Control Board, Colorado River Basin Region, finds that:

1. The City of Coachella (hereinafter referred to as the discharger), 1515 Sixth Street, Coachella, California 92236, is the owner and operator of the property and maintenance yard located at 1670 Second Street, Coachella, CA 92236.
2. Two underground storage tanks containing weed oil and diesel fuel were removed by the discharger on September 7, 1986. Contaminated soils and ground water discovered upon removal of the tanks were reported to the County of Riverside Environmental Health Services Division on October 1, 1986.
3. Laboratory analyses, dated October 7, 1986, October 22, 1986, and January 26, 1987, of soil and ground water samples from the tank excavations indicate levels of total petroleum hydrocarbons and benzene which exceed State Action Levels, and EPA Drinking Water Standards.
4. In February 1987 Regional Board staff conducted a site investigation and documented evidence of soil and ground water contamination.
5. Regional Board staff determined that the diesel and weed oil contamination present a threat to the quality of the ground water.
6. By letter dated August 19, 1987 the discharger was requested to submit a technical report containing the results of a subsurface investigation of the soil and ground water contamination. The report was to be submitted by October 15, 1987.
7. On August 25, 1987 the discharger submitted a proposal for work which included analytical results of soil samples from a test pit located 130 feet south of the tank excavations. The analytical results indicate elevated levels of total petroleum hydrocarbons.
8. The discharger requested an extension of time for submittal of the technical report in a letter October 12, 1987. The letter also included a status report and analytical results of ground water samples.
9. A proposal for work, prepared for the discharger by the discharger's consultant, dated January 20, 1988, was submitted to the Regional Board.

12/19/86
Cancelled

10. The technical report entitled "City of Coachella, Contamination of Soils and Water at the City Yard", prepared by the discharger's consultant, dated June 16, 1988, was submitted to the Regional Board on July 13, 1988. This report does not satisfy the Regional Board staff's request in a letter, dated August 19, 1987, for a full delineation of the contaminant plume.
11. By letter dated August 23, 1988, the Regional Board informed the discharger of deficiencies in the June 16, 1988 technical report and that further remedial action is necessary.
12. On October 10, 1988, the discharger took receipt by certified mail of Cleanup and Abatement Order no. 88-140.
13. The technical report entitled "Second Phase of Exploration and Sampling at the City Yard", prepared by the discharger's consultant, dated December 7, 1988 was submitted to the Regional Board December 15, 1990.
14. By letter dated December 14, 1988, the discharger requested a 120-day time extension for the submittal of a complete subsurface investigation required by Cleanup and Abatement Order 88-140.
15. By letter dated December 28, 1988, the Regional Board's Executive Officer granted a time extension for the submittal of a complete subsurface investigation report to April 28, 1989.
16. A technical report entitled "Site Assessment Work Plan" and dated February 1, 1989, was received by the Regional Board on February 2, 1989.
17. On May 5, 1989, the Regional Board received a technical report entitled "Transmittal of Preliminary Investigation Report" dated May 2, 1989, and prepared by consultants to the discharger.
18. By letter dated August 22, 1989, Regional Board staff approved the technical report entitled "Preliminary Investigation Report" with the following comments:
 - a. Abandon City Well No. 1
 - b. Completely define the lateral extent of the contaminant plume.
19. An Underground Storage Tank Unauthorized Release Report, received by the Regional Board on September 14, 1989, indicated that diesel and weed oil has leaked from the underground fuel tanks located at the City Yard.
20. By letter dated October 23, 1989, the discharger was requested to submit a time schedule of activities for the continued subsurface investigation.
21. Laboratory analyses, dated November 17, 1991 of ground water samples from well heads located on the City of Coachella property and maintenance yard was received by this Regional Board.

22. A technical report entitled "Status Report City Yard, Coachella" prepared by the discharger's consultant, dated January 19, 1990 was received by the Regional Board.
23. By letter dated January 22, 1991, County of Riverside, Department of Health Services (CRDEHS) advised the discharger that CRDEHS will assume lead agency responsibilities for this case.
24. On October 5, 1992, CRDEHS and Regional Board staff met with the discharger to discuss the status of this site. The discharger was advised that a revised Cleanup and Abatement Order would be issued.
25. Section 13304 of the California Water Code states, in part, that:

"Any person...who has caused or permitted...any waste to be discharged or deposited where it is, or probably will be, discharged into the waters of the State and creates, or threatens to create, a condition of pollution or nuisance, shall upon order of the regional board cleanup such waste or abate the effects thereof, or, in the case of threatened pollution or nuisance, take other necessary remedial action."
26. The discharger has caused or permitted the discharge of waste or wastewater into the waters of the State and created a condition of pollution.
27. The Water Quality Control Plan for the Colorado River Basin Region of California was adopted May 15, 1991 and designates the beneficial uses of ground and surface waters in this Region.
28. The beneficial uses of ground waters in the Coachella Hydrologic Subunit are:
 - a. Municipal supply (MUN)
 - b. Industrial supply (IND)
 - c. Agricultural supply (AGR)
29. Contamination of the ground water with hydrocarbons would significantly impair the beneficial uses of the ground water.
30. This enforcement action is exempt from the California Environmental Quality Act pursuant to Section 15308 and 15321, Chapter 3, Title 14 of the California Code of Regulations.

IT IS HEREBY ORDERED that pursuant to Sections 13304 and 13267 of the California Water Code, the discharger, their agents or assigns, shall cleanup and abate the effects of the discharge of petroleum hydrocarbons by complying with the following:

1. The following shall be submitted to the Regional Board by the dates given:

- A. January 1, 1993 - Submit a workplan to the Regional Board for review and acceptance by the Executive Officer. The workplan will include, but not be limited to, a description of the activities by which tasks 1 through 5 as outlined below, will be completed. Off-site remediation is currently in progress, the said workplan shall summarize completed work at the site.
 1. Fully delineate the vertical and lateral extent of contamination of the soil and ground water at the subject site.
 2. Characterize the site hydrology such that an adequate assessment of contamination migration pathways can be made.
 3. Evaluate actual or potential off-site migration of contaminants and methods to mitigate or prevent such an occurrence.
 4. Perform any necessary interim remediation to remove free product contamination.
 5. Remediate all soil and ground water contamination at the subject site which resulted from the petroleum hydrocarbon leak described in this Order.
 - B. March 1, 1993 - Submit a progress report which details the progress being made toward the goals outlined in the workplan, including progress towards obtaining proper permits for the work.
 - C. April 1, 1993 - Submit another progress report as stated above in B.
 - D. May 1, 1993 - Submit a technical report containing the results of work requested above in A.
 - E. June 1, 1993 - Submit a proposal to remediate all soil and ground water contamination at the subject site which resulted from the leaks described in the Order to contamination levels deemed acceptable to the Regional Board's Executive Officer.
 - F. July 1, 1993 - Implement the cleanup plan to remediate all soil and ground water contamination at the subject site. Cleanup efforts shall continue until such time that the Regional Board's Executive Officer considers the site to be remediated to the fullest extent possible, based on the then current best available technology.
2. All technical and monitoring reports required in conjunction with this Order are required pursuant to Section 13267 of the California Water code and shall include a statement by the discharger or an authorized representative of the discharger certifying under penalty of perjury under the laws of the State of California that the report is true, complete and accurate.

3. All technical report submitted to the Regional Board for consideration shall be prepared by a professional who is registered as a civil engineer, or certified as an engineering geologist in the State of California.
4. Failure to comply with the provision of this Order may subject you to further enforcement action including, but not limited to, assessment of civil liability pursuant to Section 13323 and 13350 of Division 7, Article 25, of the California Water code, and referral for injunctive relief and civil or criminal liability.

Phil Greenberg
Executive Officer

10-15-92

Date

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COLORADO RIVER BASIN REGION

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5. Regional Board staff determined that the diesel and weed oil contamination present a threat to the quality of the ground water.
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8. The discharger requested an extension of time for submittal of the technical report in an October 12, 1987 letter. The letter also included a status report and analytical results of ground water samples.

*Superseded by
Bd. Ord. # 88-140 R
10/15/92*

9. A proposal for work, prepared for the discharger by Ron Barto and Associates Consulting Hydrogeologists, Inc., and dated January 20, 1988, was submitted to the Regional Board.
10. The technical report entitled "City of Coachella, Contamination of Soils and Water at the City Yard", prepared by Ron Barto and Associates Consulting Hydrogeologists, Inc. and dated June 16, 1988, was submitted to the Regional Board on July 13, 1988. This report does not satisfy the Regional Board's request for a full delineation of the contaminant plume as stated in the August 19, 1987 letter.
11. By letter dated August 23, 1988 the Regional Board informed the discharger of deficiencies in the June 16, 1988 technical report and that further remedial action is necessary.
12. The discharger has caused or permitted the discharge of waste into the waters of the State and created a condition of pollution.
13. Section 13304 of the California Water Code states, in part, that:

"Any person...who has caused or permitted...any waste to be discharged or deposited where it is, or probably will be, discharged into the waters of the state and creates, or threatens to create, a condition of pollution or nuisance, shall upon order of the regional board cleanup such waste or abate the effects thereof, or, in the case of threatened pollution or nuisance, take other necessary remedial action."
14. The Water Quality Control Plan for the Colorado River Basin Region identifies the beneficial uses of the ground water in the Coachella Hydrologic Subunit as:
 - a. Municipal
 - b. Industrial
 - c. Agricultural
15. Contamination of the ground water with gasoline would significantly impair the beneficial uses of the ground water.
16. This enforcement action is exempt from the California Environmental Quality Act pursuant to Section 15308 and 15321, Chapter 3, Title 14 of the California Code of Regulations.

IT IS HEREBY ORDERED, that pursuant to Section 13304 of Division 7 of the California Water Code, the discharger shall comply with the following:

1. Clean up or abate the effects of the discharge of diesel and weed oil at the City of Coachella Maintenance Yard, Coachella, California.

2. Submit to the Regional Board by December 15, 1988 a technical report containing the results of a complete subsurface investigation, as requested in the Regional Board letter dated August 18, 1987.
3. Within two weeks of submittal of the technical report, submit a cleanup proposal including the recovery of free product in the ground water, and extraction of the contaminated ground water.

ORDERED BY:

Mary L. Mann
for Executive Officer

10/13/88
Date