

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

CLEANUP AND ABATEMENT ORDER NO. 87-114 (AMENDMENT NO. 2)
FOR

PALO VERDE IRRIGATION DISTRICT
Blythe - Riverside County

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

1. Palo Verde Irrigation District (hereinafter also referred to as the discharger), is owner of the property located at 180 West 14th Avenue, Blythe, California, 92225.
2. On January 12, 1987, a telephone report was received from Gerald M. Davisson, Manager of the Palo Verde Irrigation District, stating that an excavation had been made in the facility yard at the location in Finding No. 1, above, to install an underground fuel tank, and that the ground water encountered had a brownish yellow color.
3. On January 28, 1987, a preliminary investigation was conducted by staff of this office. The area of concern is located within the boundaries of the discharger's facility yard, approximately 400 feet south of 14th Avenue. According to the discharger, the site of the excavation was used in the past for mixing and storing herbicides. The facility yard contains chemical storage buildings, maintenance structures and above ground fuel tanks. Ground water samples from the excavation were collected and sent to the State Department of Health Services for analyses.
4. On February 23, 1987, laboratory results of the preliminary investigation were received. The analyses indicated the presence of fifteen extractable priority and non-priority pollutants in the ground water.
5. By letter dated April 20, 1987, the discharger was requested to submit a technical report containing the results of an investigation of the contamination and to submit a proposal for delineating the contaminant plume.
6. On October 2, 1987, the technical report was received. The report indicates that aromatic volatile organic compounds are present in concentrations above State action levels in the soil and ground water, which were later identified as having a petroleum source. Additionally, a variety of organic compounds identified under EPA Test Method 625 were present in trace to moderately high concentrations below State action levels.
7. The discharger has caused, or permitted, the discharge of waste into the waters of the State, and has created a condition of pollution.

*Reviewed
8/6/93*

8. 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 create or threatens to create, a condition of pollution or nuisance, shall upon order of the regional board clean up such waste or abate the effects thereof or, in the case of threatened pollution or nuisance, take other necessary remedial action. ..."
9. The Water Quality Control Plan for the Colorado River Basin Region of California designates the beneficial uses of ground and surface waters in this Region.
10. The beneficial uses of ground waters in the Palo Verde Hydrologic Subunit are:
 - a. Municipal (MUN)
 - b. Industrial (IND)
 - c. Agricultural (AGR)
11. This enforcement action is exempt from the California Environmental Quality Act pursuant to Section 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 and abate the effects of the discharge of contaminants in the soil and ground water located at the site described in Finding No. 1, above.
2. Implement the approved Remediation Plan dated July 25, 1990.
3. Begin the approved remediation work by the designated start dates:

Gasoline Contaminated Area

START DATE

- a. Remediate soil and ground water

November 27, 1991

Diesel Contaminated Area

- a. Remove free product

November 27, 1991

- b. Remediate soil and ground water

At completion of free product removal.

4. Submit monthly progress reports for the design and construction of the remediation system and for the operation of the remediation system to include the reports proposed in Appendix E of the Remediation Plan.

Phil Gruenberg
Executive Officer

7-26-91
Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

CLEANUP AND ABATEMENT ORDER NO. 87-114 (AMENDMENT NO. 1)
FOR

PALO VERDE IRRIGATION DISTRICT
Blythe - Riverside County

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

1. Palo Verde Irrigation District (hereinafter also referred to as the discharger), is owner of the property located at 180 West 14th Avenue, Blythe, California, 92225.
2. On January 12, 1987, a telephone report was received from Gerald M. Davisson, Manager of the Palo Verde Irrigation District, stating that an excavation had been made in the facility yard at the location in Finding No. 1, above, to install an underground fuel tank, and that the ground water encountered had a brownish yellow color.
3. On January 28, 1987, a preliminary investigation was conducted by staff of this office. The area of concern is located within the boundaries of the discharger's facility yard, approximately 400 feet south of 14th Avenue. According to the discharger, the site of the excavation was used in the past for mixing and storing herbicides. The facility yard contains chemical storage buildings, maintenance structures and above ground fuel tanks. Ground water samples from the excavation were collected and sent to the State Department of Health Services for analyses.
4. On February 23, 1987, laboratory results of the preliminary investigation were received. The analyses indicated the presence of fifteen extractable priority and non-priority pollutants in the ground water.
5. By letter dated April 20, 1987, the discharger was requested to submit a technical report containing the results of an investigation of the contamination and to submit a proposal for delineating the contaminant plume.
6. On October 2, 1987, the technical report was received. The report indicates that aromatic volatile organic compounds are present in concentrations above State action levels in the soil and ground water, which were later identified as having a petroleum source. Additionally, a variety of organic compounds identified under EPA Test Method 625 were present in trace to moderately high concentrations below State action levels.
7. The discharger has caused, or permitted, the discharge of waste into the waters of the State, and has created a condition of pollution.

*Replaced by
87-114A2*

8. 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 create or threatens to create, a condition of pollution or nuisance, shall upon order of the regional board clean up such waste or abate the effects thereof or, in the case of threatened pollution or nuisance, take other necessary remedial action. ..."
9. The Water Quality Control Plan for the Colorado River Basin Region of California designates the beneficial uses of ground and surface waters in this Region.
10. The beneficial uses of ground waters in the Palo Verde Hydrologic Subunit are:
 - a. Municipal (MUN)
 - b. Industrial (IND)
 - c. Agricultural (AGR)
11. This enforcement action is exempt from the California Environmental Quality Act pursuant to Section 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 and abate the effects of the discharge of contaminants in the soil and ground water located at the site described in Finding No. 1, above.
2. Implement the approved remediation plan.
3. Begin the approved remediation work by the designated start dates:

Start Date

- | | |
|---|------------------|
| a. Remove free product | April 15, 1991 |
| b. Remediate soil contamination | July 15, 1991 |
| c. Remediate ground water contamination | October 15, 1991 |
4. Submit monthly progress reports as approved.

Philip A. Gruenberg
Executive Officer

2-15-91

Date

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

CLEANUP AND ABATEMENT ORDER NO. 87-114
FOR
PALO VERDE IRRIGATION DISTRICT
Blythe - Riverside County

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

1. Palo Verde Irrigation District (hereinafter also referred to as the discharger), is owner of the property located at 180 West 14th Avenue, Blythe, California, 92225.
2. On January 12, 1987, a telephone report was received from Gerald M. Davisson, Manager of the Palo Verde Irrigation District, stating that an excavation had been made in the facility yard at the location in finding no. 1, above to install an underground fuel tank, and that the ground water encountered had a brownish yellow color.
3. On January 28, 1987, a preliminary investigation was conducted by staff of this office. The area of concern is located within the boundaries of the discharger's facility yard, approximately 400 feet south of 14th Avenue. According to the discharger the site of the excavation was used in the past for mixing and storing herbicides. The facility yard contains chemical storage buildings, maintenance structures and above ground fuel tanks. Ground water samples from the excavation were collected and sent to the State Department of Health Services for analyses.
4. On February 23, 1987, laboratory results of the preliminary investigation were received. The analyses indicated the presence of fifteen extractable priority and non-priority pollutants in the ground water.
5. By a letter dated April 20, 1987, the discharger was requested to conduct an investigation of the contamination and submit a proposal for delineating the contaminant plume. The deadline for submittal was May 30, 1987.
6. The aforementioned proposal, prepared by Pioneer Consultants, was received on July 16, 1987, and approved by this Regional Board office with slight changes on July 27, 1987. A technical report containing the results of the investigation was requested to be submitted by September 15, 1987.
7. On October 2, 1987, the technical report was received. The report indicates that aromatic volatile organic compounds are present in concentrations above State action levels in the soil and ground water. Additionally, a variety of organic compounds identified under EPA Test Method 625 were present in trace to moderately high concentrations below State action levels. The report does not delineate the contaminant plume as requested by this office.

*Replaced by
87-114 A1*

8. The discharger has caused, or permitted, the discharge of waste into the waters of the State, and has created a condition of pollution.
9. 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 by the Regional Board clean up such waste or abate the effects thereof or, in the case of threatened pollution or nuisance, take other necessary remedial action."
10. The Water Quality Control Plan for the Colorado River Basin Region of California identifies the beneficial uses of the ground waters in the Palo Verde Hydrologic Subunit as:
 - a. Municipal
 - b. Industrial
 - c. Agricultural
11. This enforcement action is exempt from the California Environmental Quality Act pursuant to Section 15321, Chapter 3, Title 14 of the California Administrative Code.

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 and abate the effects of the discharge of volatile and semivolatile organic compounds in the soil and ground water at said site.
2. Submit to the Regional Board office, by December 15, 1987, a technical report containing the results of a complete subsurface investigation of the contamination. The report must contain, as a minimum the following:
 - a. A delineation of the contaminant plume.
 - b. Geotechnical characterization of the subsurface soil(s).
 - c. A cleanup proposal for the contaminated soil and ground water. The proposal should include cleanup levels for review and approval.

ORDERED BY:

Arthur Swajin
Executive Officer

November 10, 1987
Date