

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

ORDER NO. 76-45 (Revised)

WASTE DISCHARGE REQUIREMENTS
FOR
AGRIFORM COMPANY OF IMPERIAL VALLEY
North of El Centro - Imperial County

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

1. Valley Nitrogen Producers, Inc., dba Agriform Company of Imperial Valley, (hereinafter also referred to as the discharger), P.O. Box 1752, Fresno, California 93717, submitted a Report of Waste Discharge dated June 30, 1976.
2. The discharger is intermittently discharging a maximum of 5,000 gallons-per-operating-day of wastewater containing fertilizers and D-D Soil Fumigant, a nematocide, into two (2) existing earthen basins located in the NW $\frac{1}{4}$, NE $\frac{1}{4}$, Section 30, T15S, R14E, SBB&M. The wastewater consists of the following:
 - a. A maximum of 3,000 gallons-per-operating-day of wastewater from an equipment washpad.
 - b. A maximum of 2,000 gallons-per-operating-day of wastewater from a surface runoff collection system.
3. The Water Quality Control Plan for the West Colorado River Basin Region (7A) was adopted by the Board on April 10, 1975. This Order implements the objectives stated in the Plan.
4. Groundwaters in the vicinity of the discharge are saline and not beneficially used.
5. The discharger reports that:
 - a. No pesticides will be discharged to the earthen basins, excepting D-D Soil Fumigant, a highly volatile nematocide.
 - b. Pre-packaged pesticides will be temporarily stored at this facility but containers will not be opened prior to distribution.

superseded by
86-42 ✓
7/9/86

6. The staff finds that:

- a. The evaporation basins contain process wastes from a fertilizer manufacturing operation owned by Valley Nitrogen Producers, Inc., dba Agriform Company of Imperial Valley, which has ceased operations. Said wastes were subject to waste discharge requirements adopted in Order No. 73-70, and reportedly consisted primarily of fluosilicic acid (H_2SiF_6) which had been precipitated by lime addition.
 - b. A soils report dated October 15, 1973, concerning the subject earthen basins stated that the basins were underlain by a sandy loam horizon having a tested permeability of 989×10^{-11} cm/sec.
 - c. The basins are excavated below the surrounding ground surface which is graded to promote drainage to the basins. Wastewater will gravity flow to one basin having 25,000 sq. ft. of surface area. When the free-board in this basin is reduced to 6 inches by the rising wastewater level, the wastewater will decant through a weir into the second basin having 27,500 sq. ft. of surface area.
 - d. Clark and Aten Roads, and the railroad to the southwest of the basins are constructed several feet above the level of the basins. No drainageways exist through either of the roads or the railroad which would allow flow of wastewater from the Agriform property.
 - e. There are no subsurface tile drains within the vicinity of the earthen basins.
 - f. D-D Soil Fumigant is a nematocide consisting of a mixture of 1,3-Dichloropropene and 1,2-Dichloropropane. This nematocide is also sold under the trade names of Vidden-D and Nemaferne.
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.
9. This wastewater disposal system constitutes an ongoing project in accordance with the provisions of the California Environmental Quality Act (Public Resources Code Section 21000 et seq.) and the State Guidelines because the 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

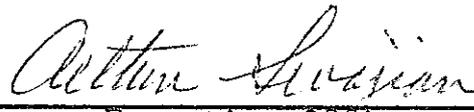
1. Neither the treatment nor the discharge of wastes shall cause a pollution or a nuisance.
2. There shall be no surface flow of wastewater away from the earthen basins, or from the equipment washpad draining to said basin.
3. The discharge of pesticides or pesticide-contaminated wastes into the basins is prohibited, excepting for the discharge of wastewater containing D-D Soil Fumigant or other nematocide consisting of 1,3-Dichloropropene and 1,2-Dichloropropane or as approved by the Regional Board.
4. A minimum freeboard depth of six inches shall be maintained at all times in the basins.
5. Adequate measures shall be taken to assure that flood or surface drainage waters do not erode or otherwise render portions of the discharge facilities inoperable.
6. There shall be no discharge of wastes to any surface waters, including open drainage channels, tile lines, or canals.
7. The discharger shall remove and relocate any wastes which are discharged contrary to the requirements contained in this Order.
8. The maximum daily flow of wastewater discharged shall not exceed 5,000 gallons-per-operating-day.
9. Residues removed from the basins shall be discharged only at a Class I solid waste disposal site or at other locations approved by the Regional Board to receive such wastes. Upon abandonment of this facility, residual wastes shall be removed from containment basins. Lack of operational activity at the site for a period of one year shall constitute abandonment for the purpose of this Order.

B. Provisions

1. Prior to any modifications in this facility which could result in material change in the quality or quantity of wastewater discharged, or any material change in location of discharge, the discharger shall report thereon to the Board.
2. Upon request from this Board's Executive Officer, the discharger shall furnish technical and/or monitoring reports on the treatment and discharge of wastes.

3. In the event of any change in operation, or in control or ownership of land or waste disposal facilities owned or controlled by the discharger, the discharger shall:
 - a. Notify this Board of such change; and
 - b. Notify the succeeding owner or operator by letter of the existence of this Order; a copy of which shall be filed with this Board.
4. This Order supersedes Board Orders No. 73-70 and 76-45.

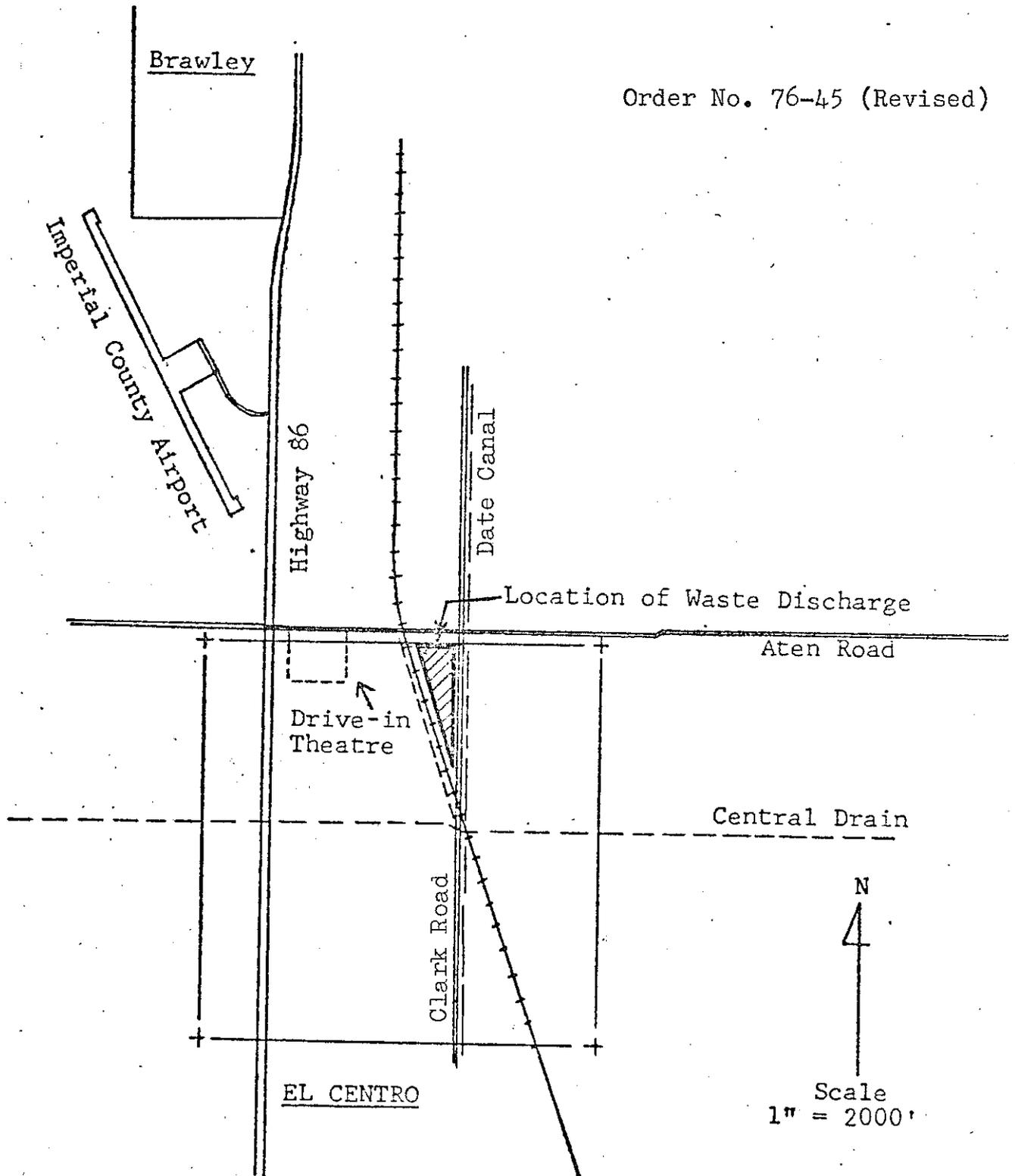
I, Arthur Swajian, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, Colorado River Basin Region, on May 10, 1978.



Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - 7

Order No. 76-45 (Revised)



SITE MAP
FOR
AGRIFORM COMPANY OF IMPERIAL VALLEY
North of El Centro - Imperial County
NW $\frac{1}{4}$, NE $\frac{1}{4}$, Section 30, T15S, R14E, SBB&M
El Centro 7.5 Topographic Map

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

Transmittal of
REQUIREMENTS OF OTHER GOVERNMENTAL AGENCIES

The state Department of Public Health requires compliance with its hazardous waste regulations, Sections 60100 et seq., Title 22, California Administrative Code; in particular, the requirements for an operating permit, at a hazardous waste facility. Compliance with those standards and with the proposed waste discharge requirements should protect the public health, domestic livestock and wildlife.

For more information, contact:

State Department of Public Health
Vector and Waste Management Section
714 P. Street
Sacramento, CA 95814

Date: May 10, 1978

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COLORADO RIVER BASIN REGION

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2. The discharger proposes to intermittently discharge a maximum of 5,000 gallons-per-operating day of wastewater containing fertilizers and D-D Soil Fumigant, a nematocide, into two (2) existing earthen basins located in the NW $\frac{1}{4}$, NE $\frac{1}{4}$, Section 30, T15S, R14E, SBB&M. The wastewater will consist of the following:
 - a. A maximum of 3,000 gallons-per-operating-day of wastewater from an equipment washpad.
 - b. A maximum of 2,000 gallons-per-operating-day of wastewater from a surface runoff collection system.
3. The Water Quality Control Plan for the West Colorado River Basin Region (7A) was adopted by the Board on April 10, 1975. This Order implements the objectives stated in the Plan.
4. Groundwaters in the vicinity of the discharge are saline and not beneficially used.
5. The discharger reports that:
 - a. No pesticides will be discharged to the earthen basins, excepting D-D Soil Fumigant, a highly volatile nematocide.
 - b. Pre-packaged pesticides will be temporarily stored at this facility but containers will not be opened prior to distribution.

*Replaced by
76-45 (Revised)*

6. The Staff finds that:
 - a. The evaporation basins contain process wastes from a fertilizer manufacturing operation owned by Valley Nitrogen Producers, Inc., dba Agriform Company of Imperial Valley, which has ceased operations. Said wastes were subject to waste discharge requirements adopted in Order No. 73-70, and reportedly consisted primarily of fluosilicic acid (H_2SiF_6) which had been precipitated by lime addition.
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 - d. Clark and Aten Roads, and the railroad to the southwest of the basins are constructed several feet above the level of the basins. No drainageways exist through either of the roads or the railroad which would allow flow of wastewater from the Agriform property.
 - e. There are no subsurface tile drains within the vicinity of the earthen basins.
 - f. D-D Soil Fumigant is a nematocide consisting of a mixture of 1,3-Dichloropropene and 1,2-Dichloropropane. This nematocide is also sold under the trade names of Vidden-D and Nemaferne.
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.

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

A. Discharge Specifications

1. Neither the treatment nor the discharge of wastes shall cause a pollution or a nuisance.

2. There shall be no surface flow of wastewater away from the earthen basins, or from the equipment washpad draining to said basin.
3. The discharge of pesticides or pesticide-contaminated wastes into the basins is prohibited, excepting for the discharge of wastewater containing D-D Soil Fumigant or other nematocide consisting of 1,3-Dichloropropene and 1,2-Dichloropropane.
4. A minimum freeboard depth of six inches shall be maintained at all times in the basins.
5. Adequate measures shall be taken to assure that flood or surface drainage waters do not erode or otherwise render portions of the discharge facilities inoperable.
6. There shall be no discharge of wastes to any surface waters, including open drainage channels, tile lines, or canals.
7. The discharger shall remove and relocate any wastes which are discharged contrary to the requirements contained in this Order.
8. Residues removed from the basins shall be discharged only at a Class I solid waste disposal site or at other locations approved by the Regional Board to receive such wastes.
9. The maximum daily flow of wastewater discharged shall not exceed 5,000 gallons-per-operating-day.

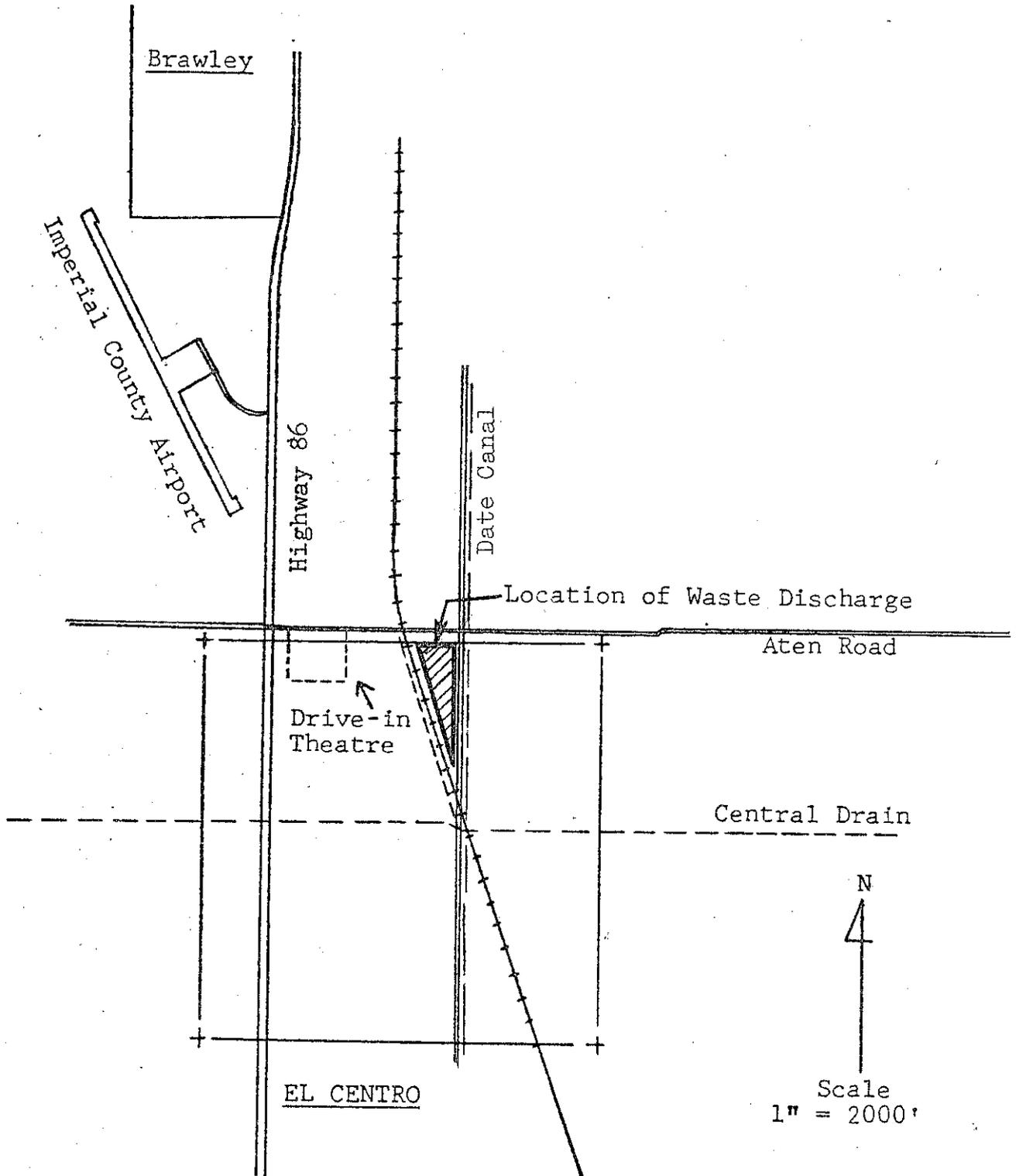
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2. Upon request from this Board's Executive Officer, the discharger shall furnish technical and/or monitoring reports on the treatment and discharge of waste.
3. In the event of any change in operation, or in control or ownership of land or waste disposal facilities owned or controlled by the discharger, the discharger shall:
 - a. Notify this Board of such change; and
 - b. Notify the succeeding owner or operator by letter of the existence of this Order; a copy of which shall be filed with this Board.

I, Arthur Swajian, Executive Officer, do hereby certify that 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 30, 1976.

Arthur Swajian

Executive Officer



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