

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

ORDER NO. 93-006

WASTE DISCHARGE REQUIREMENTS
FOR
PUREGRO COMPANY
FERTILIZER WASTEWATER DISPOSAL AND PESTICIDE STORAGE
Heber - Imperial County

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

1. Puregro Company (hereinafter referred to as the discharger), P.O. Box 59, El Centro, California 92244, submitted an updated Report of Waste Discharge dated September 25, 1992. The plant is located at 89 East Main Street, Heber, California 92249.
2. The discharger is discharging approximately 100 gallons-per-operating day of washwater containing the following non-toxic chemical fertilizer wastes from agricultural field rigs: nitrogen, phosphate, potash and sulfur. The wastewater is pumped from a concrete washpad into a 10,000 gallon above-ground storage tank. The site is located in the NE $\frac{1}{4}$ of the NW $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Section 28, T16S, R14E, SBB&M. The wastewater is periodically pumped out of the tank and spread on nearby farm fields as fertilizer. The discharger proposes to store pesticides on a concrete floor in a bermed containment area within an existing warehouse. Soil fumigants are also stored in storage tanks on a concrete floor in a bermed containment area in the southeast corner of the site.
3. The discharger has provided certification by a California Registered Civil Engineer that the operation site where pesticides would be stored has 100-year flood protection. See Attachment "A". Also, the discharger certifies that the storage tanks and pesticide containers will be stored in an area designed to retain any possible spills or leaks. Refer to Attachments "B" and "C". All of the above attachments are incorporated herein and made a part of this Board Order.
4. The discharge from this fertilizer application operation has been subject to waste discharge requirements adopted in Board Order No. 88-028.
5. 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.
6. The designated beneficial uses of ground waters in the Imperial Hydrologic Unit are:
 - a. Municipal supply (MUN)
 - b. Industrial supply (IND)
7. Within the Imperial Valley area of the Imperial Hydrologic Unit, much of the ground water is too saline for municipal use. The existing municipal use in this area is practically inconsequential.
8. Federal regulations for storm water discharges were promulgated by the EPA on 16 November 1990 (40 CFR Parts 122, 123, and 124). The regulations require specific categories of facilities which discharge storm water associated with industrial activity (storm water) to obtain NPDES permits and to implement Best Available Technology Economically Achievable (BAT) and Best Conventional Pollutant Control Technology (BCT) to reduce or eliminate industrial storm water pollution.
9. The State Water Resources Control Board adopted Order No. 91-13-DWQ (General Permit No. CAS000001), as amended by Water Quality Order No. 91-12-DWR, specifying waste discharge

RESCINDED BY
BOARD ORDER NO. 97-2010-0015
3/18/2010

1

*Change of
Name/Ownership
Ed. Ord. # 97-011
1/22/97*

requirements for discharges of storm water associated with industrial activities, excluding construction activities, and requiring submittal of a Notice of Intent by industries to be covered under this Board Order.

10. The Board has notified the discharger and all known interested agencies and persons of its intent to update waste discharge requirements for this discharge.
11. The Board in a public meeting heard and considered all comments pertaining to this discharge.
12. In accordance with Section 15301, Chapter 3, Title 14 of the California Code of Regulations, the issuance of these waste discharge requirements, which govern the operation of an existing facility involving negligible or no expansion of use beyond that previously existing, is exempt from the provisions of the California Environmental Quality Act (Public Resources Code, Section 21000 et seq.).

IT IS HEREBY ORDERED, that Board Order No. 88-028 is rescinded and in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, the discharger shall comply with the following:

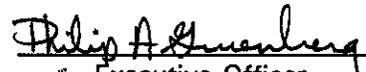
A. Discharge Specifications:

1. The discharge, containment or storage of wastes at this facility shall not cause pollution or nuisance as defined in Sections 13050(1) and 13050(m) of Division 7 of the California Water Code.
2. No wastewater other than that described in Finding No. 2, above, shall be discharged onto the washpad at this location.
3. Wastewater shall be contained on the washpad and in the storage tank as described in Finding No. 2, above.
4. Discharge of pesticide wastes or wastewater is prohibited at this site.
5. Containers containing pesticides shall be stored in an area designed to retain any possible spills or leaks.
6. The on-site storage of containers containing pesticides is prohibited at any location not adequately protected against erosion or inundation, which could occur as a result of flooding from a storm with a frequency of once in a 100-year period.
7. Adequate measures shall be taken to assure that flood or surface drainage waters do not erode or otherwise render portions of the fertilizer waste storage and containment facilities inoperable.
8. The storage tank wastewater shall be pumped and discharged by a duly authorized service.
9. Adequate measures shall be taken to assure that unauthorized persons are effectively excluded from contact with the wastewater.
10. There shall be no surface flow of wastewater away from the designated containment areas.
11. The total maximum discharge from the equipment wash shall not exceed 100 gallons-per-day.
12. The drainage facilities of the washpad shall be maintained to prevent ponding.
13. The integrity of the washpad liner shall be maintained to prevent leakage.

B. Provisions

1. The discharger shall comply with "Monitoring and Reporting Program No. 93-006", and future revisions thereto, as specified by the Regional Board's Executive Officer.
2. The discharger shall maintain a copy of this Board Order at the facility and it shall be made available at all times to site operating personnel.
3. Prior to any modifications in this facility which would result in material change in the quality or quantity of wastewater treated or discharged, or any material change in the location of discharge, the discharger shall report all pertinent information in writing to the Regional Board; and obtain revised requirements before any modifications are implemented.
4. Prior to any change in ownership or management of this operation, the discharger shall transmit a copy of this Board Order to the succeeding owner/operator, and forward a copy of the transmittal letter to the Regional Board.
5. The Regional Board shall be notified immediately of any failure of the wastewater containment facilities. Such failure shall be promptly corrected in accordance with the requirements of this Board Order.
6. The discharger may be required to submit technical reports as directed by the Regional Board's Executive Officer.
7. The discharger shall allow the Regional Board's Executive Officer, or his/her authorized representative, upon presentation of credentials and other documents as may be required by law, to:
 - a. Enter upon the discharger's premises where a regulated facility or activity is located or conducted.
 - b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this Board Order. Inspect and sample or monitor, at reasonable times, any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Board Order.
8. The discharger shall maintain legible records on the volume and quality of wastewater contained at this facility.
9. The discharger shall develop and implement a Storm Water Pollution Prevention Plan for this facility. The plan must be submitted to the Regional Board's Executive Officer for review and approval no later than 90-days after the adoption of this Board Order.
10. All storm water discharges from this facility must comply with the lawful requirements of municipalities, counties, drainage districts, and other local agencies, regarding the discharges of storm water to storm drain systems or other courses under their jurisdiction.
11. This Board Order does not authorize violation of any local, state, or federal laws.

I, Philip A. Gruenberg, 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 March 31, 1993.


Executive Officer

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

MONITORING AND REPORTING PROGRAM NO. 93-006
FOR
PUREGRO COMPANY
FERTILIZER WASTEWATER DISPOSAL AND PESTICIDE STORAGE
Heber - Imperial County

Location of Discharge: Portion of the NE¼, NW¼, SE¼ of Section 28, T16S, R14E, SBB&M

MONITORING

1. The discharger shall sample the wastewater each time prior to pumping and disposal by an authorized service, as follows:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Reporting Frequency</u>
Volume of washwater discharged into storage tank	Gallons	---	Quarterly
Total Dissolved Solids	mg/L ¹	Grab	Quarterly
Organochlorine Pesticides (EPA Method 608)	µg/L ²	Grab	Quarterly

2. Report any changes or problems in the wastewater disposal operation during the preceding quarter.

REPORTING

1. All monitoring data collected as required above will be reported to the Regional Board. Quarterly reports shall be submitted by January 15, April 15, July 15, and October 15 of each year.
2. The discharger shall arrange the data in tabular form so that the specified information is readily discernable. The data should be summarized in such a manner as to clearly illustrate whether the treatment system is operating in compliance with the discharge limitations.
3. Each report shall contain the following statement:

"I declare under the penalty of law that this document and all the attachments are true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

4. The collection, preservation and holding times of all samples shall be in accordance with EPA-approved procedures. All analyses shall be conducted by a laboratory certified by the State Department of Health Services to perform the required analyses.

¹mg/L - milligrams per liter

²µg/l - microgram per liter

*Chg. Name / Corner
Ba. Ord. # 93-147
11/17/93*

5. Report immediately any spills or leaks in pesticide storage areas and describe actions for cleanup.
6. Submit monitoring reports to:

California Regional Water Quality Control Board
Colorado River Basin Region
73-720 Fred Waring Drive, Suite 100
Palm Desert, CA 92260

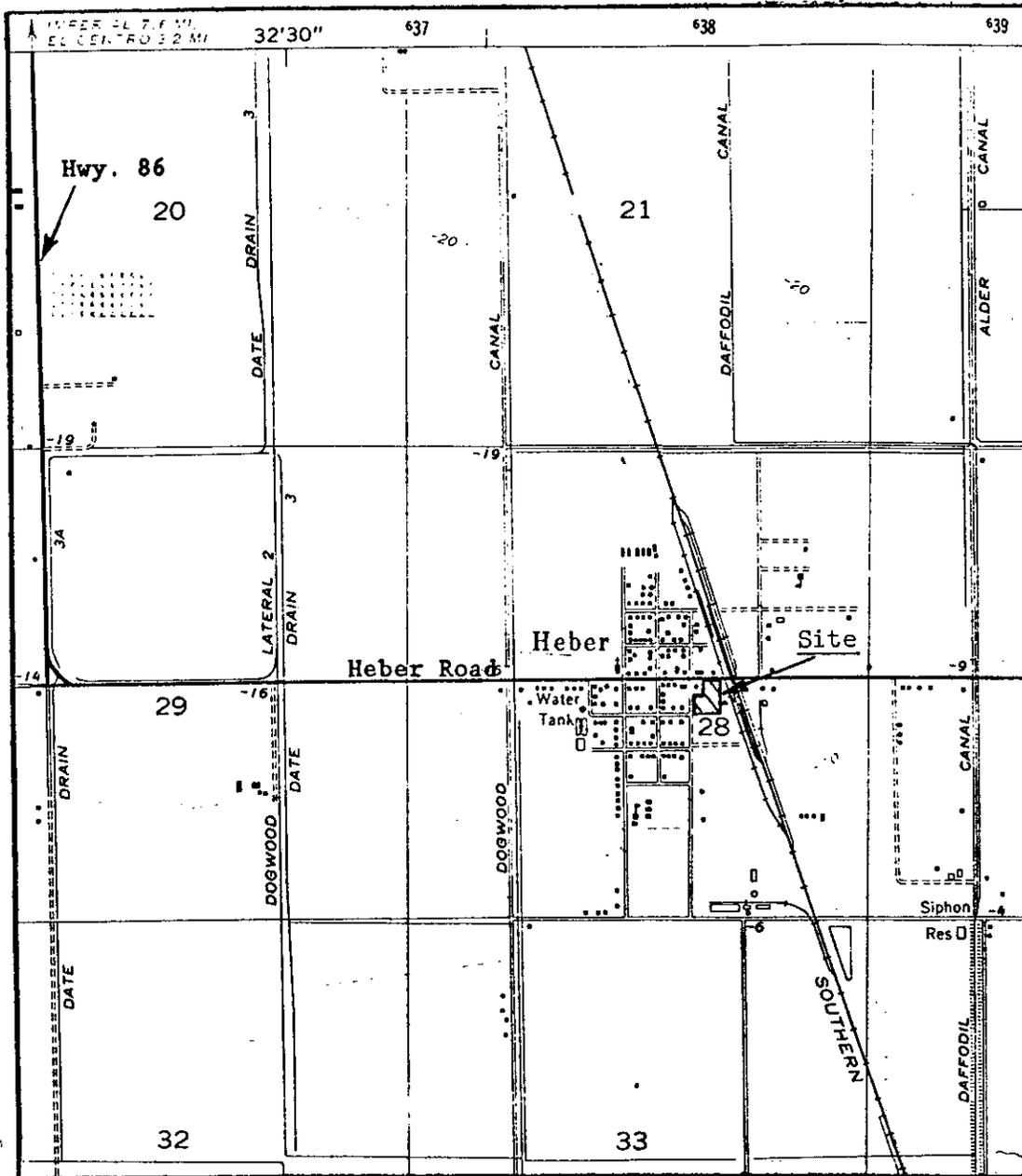
ORDERED BY:

Philip A. Guenberg
Executive Officer

March 31, 1993

Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - 7



SITE MAP

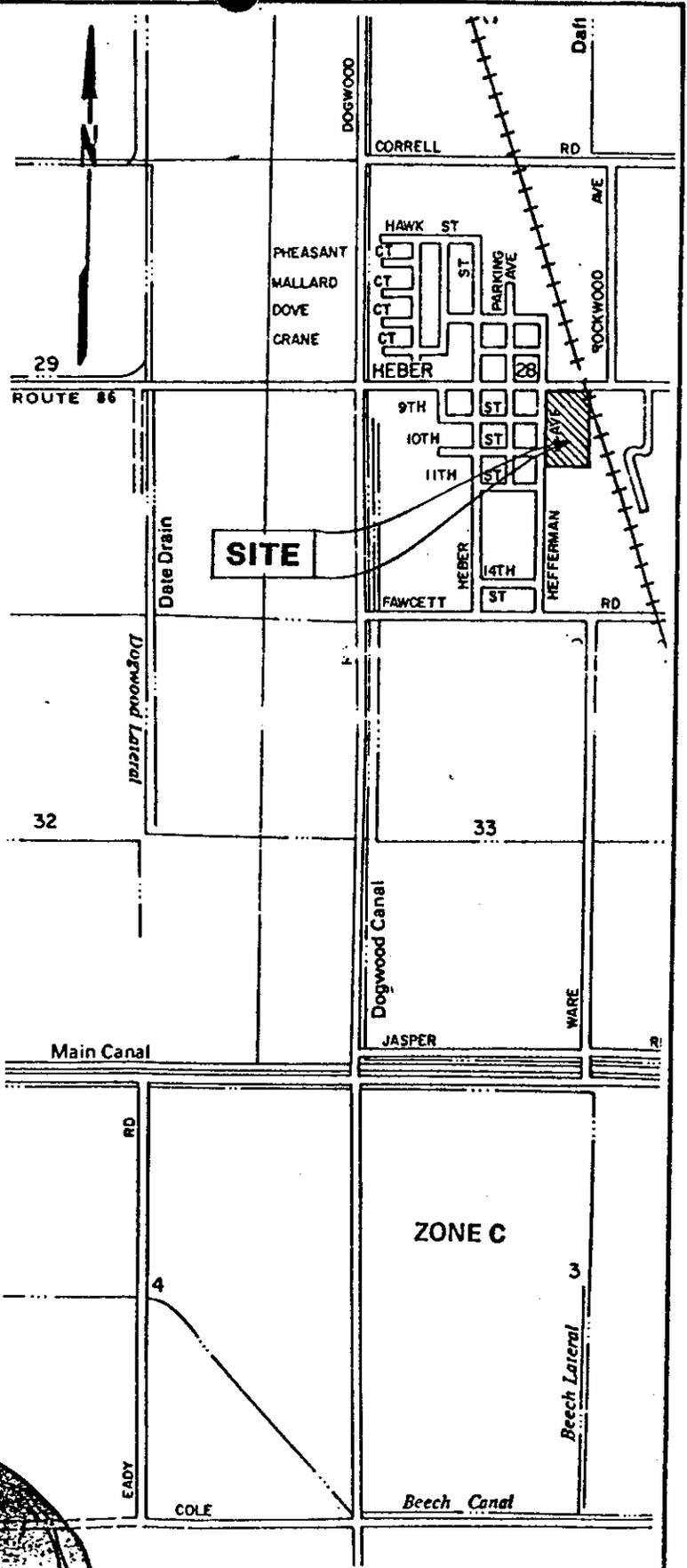
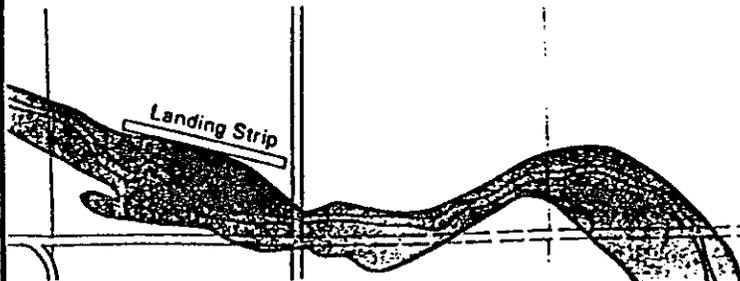
PUREGRO COMPANY
FERTILIZER WASTEWATER DISPOSAL
Heber - Imperial County
NE $\frac{1}{4}$, NW $\frac{1}{4}$, SE $\frac{1}{4}$ of Section 28, T16S, R14E, SBB&M
USGS Heber 7.5 min. Topographic Map

KEY TO MAP

- 500-Year Flood Boundary
 - 100-Year Flood Boundary
 - Zone Designations*
 - 100-Year Flood Boundary
 - 500-Year Flood Boundary
 - Base Flood Elevation Line With Elevation In Feet** 513
 - Base Flood Elevation in Feet Where Uniform Within Zone** (EL 987)
 - Elevation Reference Mark RM7x
 - Zone D Boundary
 - River Mile •M1.5
- **Referenced to the National Geodetic Vertical Datum of 1929

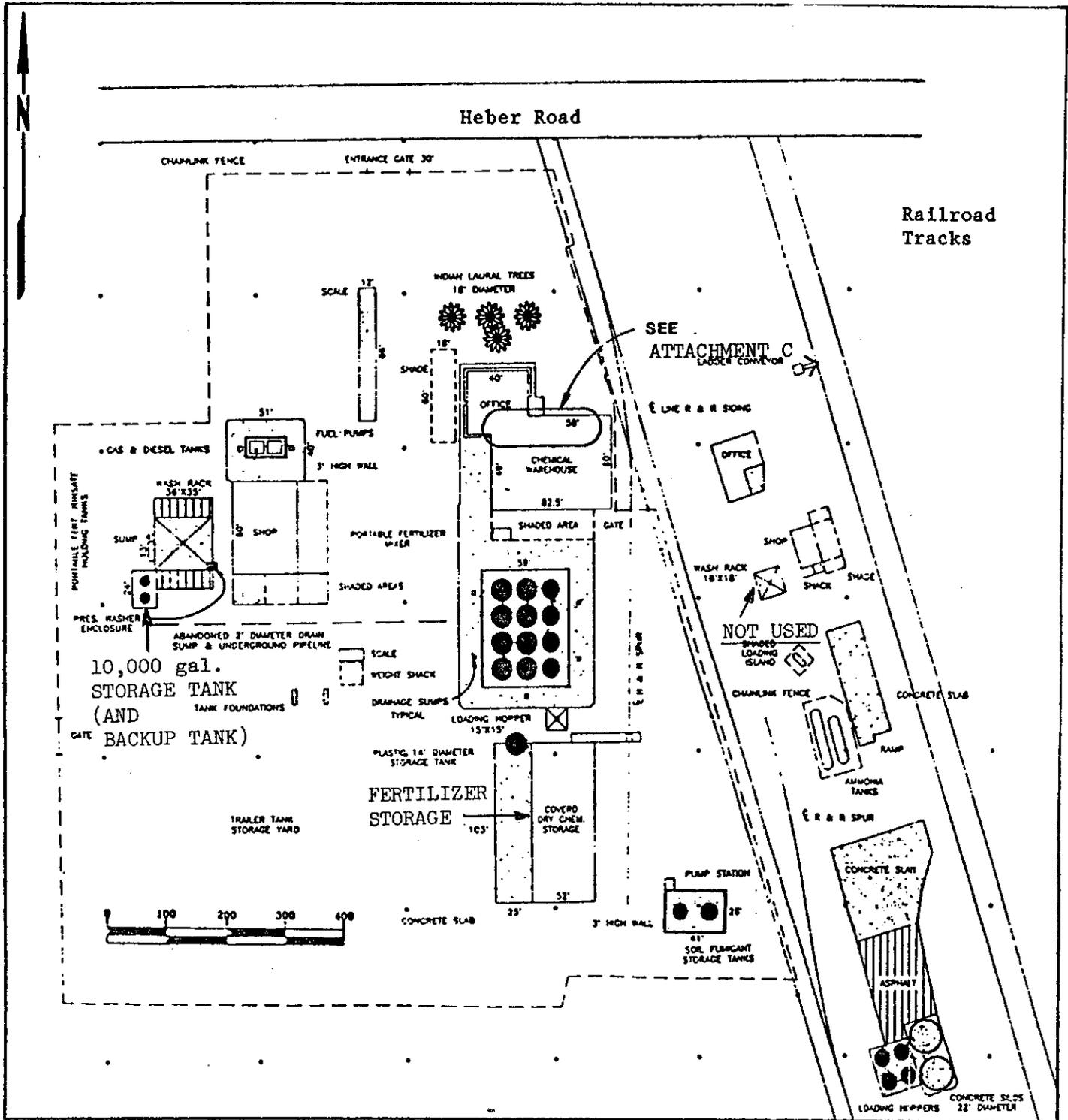
*EXPLANATION OF ZONE DESIGNATIONS

ZONE	EXPLANATION
A	Areas of 100-year flood; base flood elevations and flood hazard factors not determined.
A0	Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; average depths of inundation are shown, but no flood hazard factors are determined.
AH	Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; base flood elevations are shown, but no flood hazard factors are determined.
A1-A30	Areas of 100-year flood; base flood elevations and flood hazard factors determined.
A99	Areas of 100-year flood to be protected by flood protection system under construction; base flood elevations and flood hazard factors not determined.
B	Areas between limits of the 100-year flood and 500-year flood; or certain areas subject to 100-year flooding with average depths less than one (1) foot or where the contributing drainage area is less than one square mile; or areas protected by levees from the base flood. (Medium shading)
C	Areas of minimal flooding. (No shading)
D	Areas of undetermined, but possible, flood hazards.
V	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors not determined.
V1-V30	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors determined.

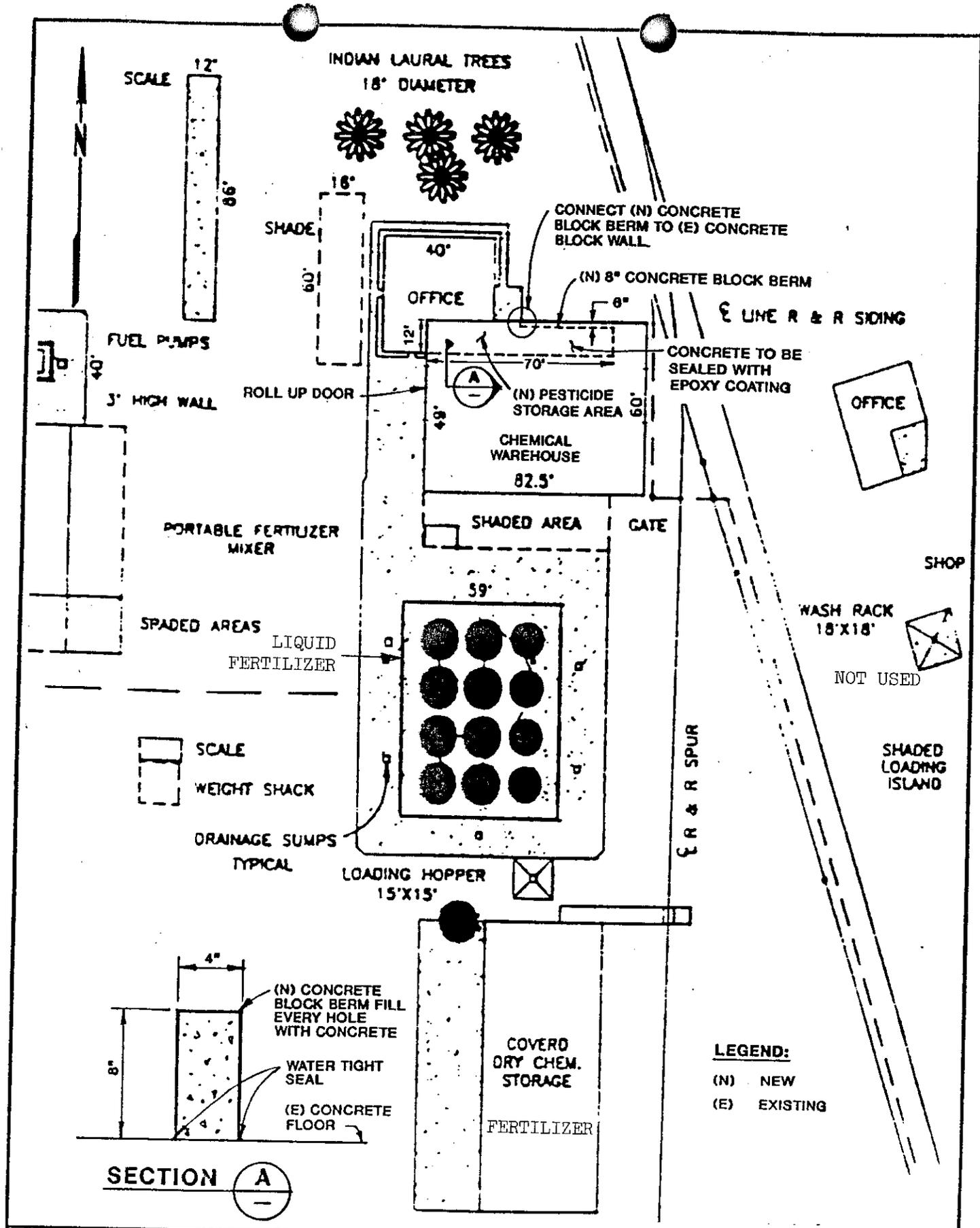


ATTACHMENT A
 PUREGRO COMPANY
 FERTILIZER WASTEWATER DISPOSAL
 Heber - Imperial County

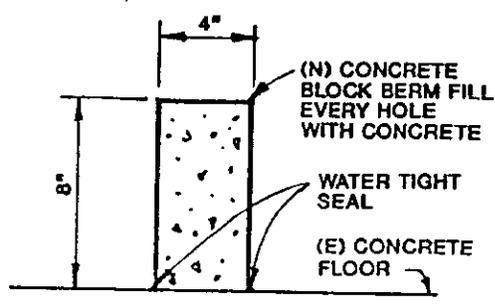
PUREGRO HEBER
FEMA FLOOD INSURANCE MAP



ATTACHMENT B
 PUREGRO COMPANY
 SITE PLAN
 Heber - Imperial County



SECTION A



LEGEND:
 (N) NEW
 (E) EXISTING