

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION

ORDER NO. 78-60

WASTE DISCHARGE REQUIREMENTS  
FOR  
PACIFIC GAS AND ELECTRIC COMPANY  
AND  
SOUTHERN CALIFORNIA GAS COMPANY  
Imperial County

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

1. Pacific Gas and Electric Company and Southern California Gas Company (hereinafter also jointly referred to as the discharger) 245 Market Street, San Francisco, CA, 94106, submitted a Report of Waste Discharge, dated April 18, 1978.
2. The discharger intends to construct a pilot facility for the purpose of studying production of methane gas from cattle manure by anaerobic digestion. Start-up date is planned for August 1978, and the facility will operate for approximately 18 months. The facility would then be removed and the site restored to its approximate original condition.
3. Wastewater, produced as a result of centrifuging slurry removed from anaerobic digestors, would be disposed by blending with Colorado River water and row irrigating fodder, fiber and seed crops on 120 acres of adjacent farm land. The discharger proposes to discharge an average daily flow of 2,000 gallons to said 120 acres which are located in the SW $\frac{1}{4}$ , Section 3, T13S, R14E, SBB&M (S $\frac{1}{2}$  of Block 7, Tract 157).
4. The Water Quality Control Plan for the West Colorado River Basin was adopted by the Board on April 10, 1975. The Basin Plan contains water quality objectives for the Imperial Hydrologic Unit.
5. The beneficial uses of ground and surface waters to be protected by this Order are:

*Received at  
3/19/82  
86-34*

- a. Groundwater
    1. Shallow groundwaters are influenced by agricultural operations, are saline, and are not beneficially used.
  - b. New and Alamo Rivers and Imperial Valley Irrigation Drains
    1. Transport of dissolved solids to Salton Sea for agricultural soil salinity control.
    2. Freshwater replenishment for Salton Sea.
    3. Freshwater habitat for fish and wildlife.
    4. Limited public fishing activity.
6. The Imperial County Planning Department has prepared Negative Declaration ISN 78978 (filed April 27, 1978) for the proposed discharge. This Declaration states that this project will not have any significant adverse effects on the environment.
7. The Board, in a public hearing, heard and considered all comments pertaining to the discharge.
8. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the proposed discharge.

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

A. Discharge Specification and Prohibitions

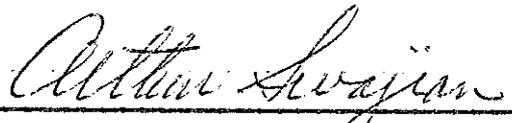
1. Neither the treatment nor the discharge of wastewater shall create a pollution or a nuisance as defined in Division 7 of the California Water Code.
2. The discharge of wastewater to surface drains, canals, rivers, and drainage channels is prohibited.
3. The discharge shall not exceed an average daily flow of 2,000 gallons.

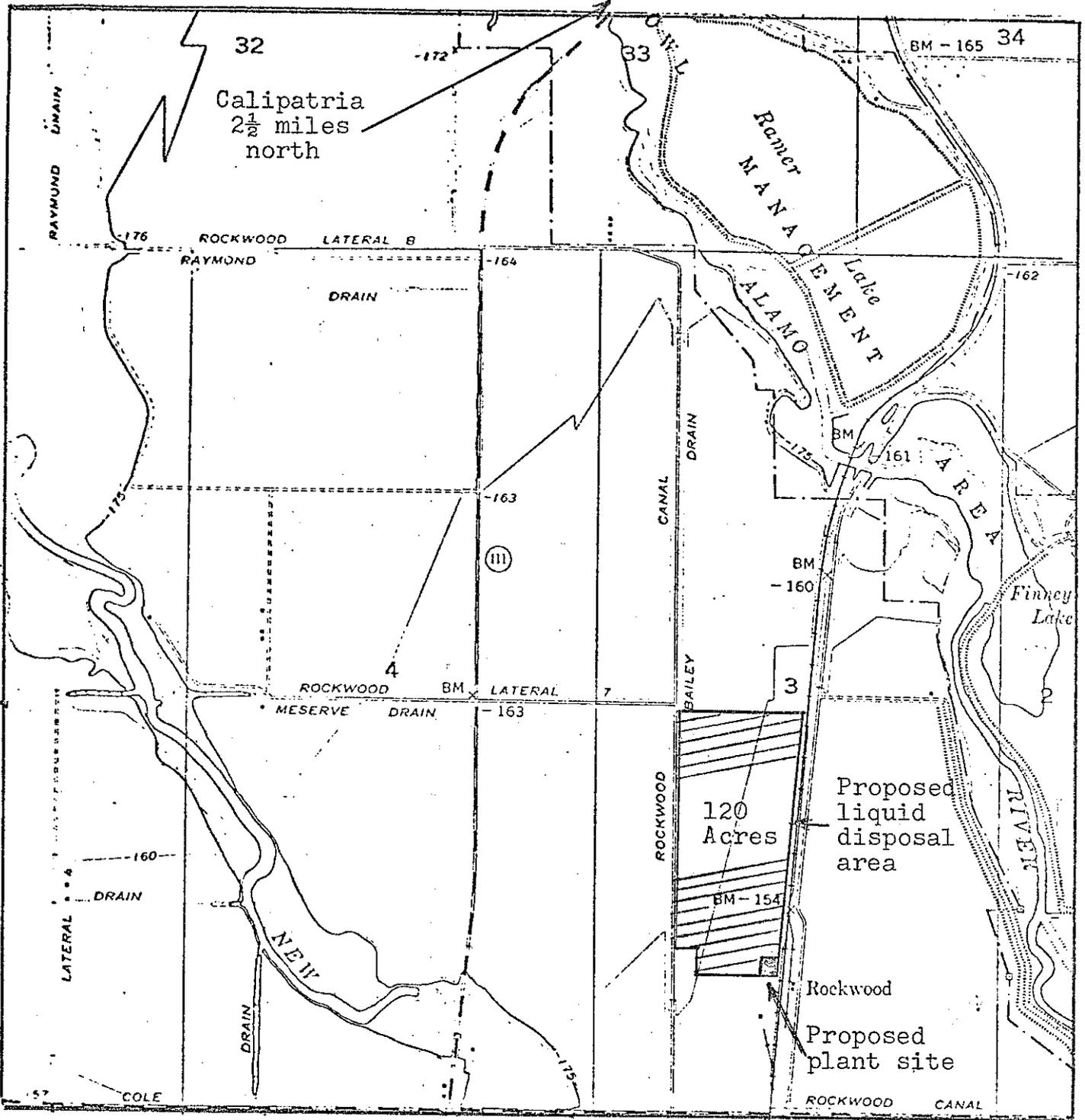
4. Irrigation with wastewater shall be in accordance with Sections 60309 and 60311, Chapter 4, Title 22, California Administrative Code.
5. There shall be no discharge of overflow waters containing slurry wastewater.

B. Provisions

1. Prior to any material change in the quality or quantity of wastewater discharged, or any material change in the 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 discharge of wastes.

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 July 12, 1978.

  
Executive Officer



SITE MAP  
 FOR  
 PACIFIC GAS AND ELECTRIC COMPANY  
 AND  
 SOUTHERN CALIFORNIA GAS COMPANY  
 PILOT PLANT  
 Imperial County

SW $\frac{1}{4}$ , Section 3, T13S, R14E, SBB&M (S $\frac{1}{2}$  of Block 7, Tract 157)  
 U.S.G.S. Westmorland 7 $\frac{1}{2}$ ' Topographic Map

Scale  
 1"=2000'

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