

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
LAHONTAN REGION

BOARD ORDER NO. 6-73-5

WASTE DISCHARGE REQUIREMENTS

for

KEELER SOLID WASTE DISPOSAL SITE  
Inyo County

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The California Regional Water Quality Control Board, Lahontan Region, finds:

1. The County of Inyo currently discharges Groups 2 and 3 wastes in SE/4 SW/4 and SW/4 SE/4, Section 31, T16S, R38E, MDB&M in the Owens River Sub-Basin as shown in Attachment "A" which is made part of this Order. The site is located on property owned by the City of Los Angeles, Department of Water and Power.
2. Current plans are to utilize a cut and cover landfill operation to dispose of Groups 2 and 3 wastes on the 20-acre site.
3. Next year, the county is undertaking the establishment of a solid waste management system, Inyo County Service Area #4, which would utilize the Lone Pine Solid Waste Disposal Site as the only landfill in the southern end of the Owens Valley in Inyo County. The implementation of Inyo County Service Area #4 would eliminate the operation of this disposal site as a landfill.
4. The site is located on the northeastern edge of Owens Lake on fine-grained materials of low permeability. Groundwater is found in various gravel layers under the site and is characterized by a high alkalinity.
5. This disposal site meets the criteria contained in the California Administrative Code, Title 23, Chapter 3, Subchapter 15, for classification as a Class II-2 Disposal Site suitable to receive Group 2 and Group 3 wastes.
6. The total capacity of the disposal site is 240,000 cubic yards.
7. Land within 1,000 feet of this site is used for native vegetation.
8. The Interim Water Quality Control Plan for the South Lahontan Basin was adopted on June 11, 1971, and this Order implements the water quality objectives stated in the Plan.

9. The beneficial water uses of the Owens River Sub-Basin as set forth and defined in the Interim Plan are:
  - a. municipal and domestic supply
  - b. agricultural supply
  - c. industrial supply
  - d. hydroelectric power generation
  - e. water-contact recreation
  - f. non-water-contact recreation
  - g. freshwater habitat
  - h. saline water habitat
10. The Board has notified the discharger and the interested agencies and persons of its intent to prescribe waste discharge requirements for the discharge.
11. The Board in a public meeting heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, the County of Inyo and the City of Los Angeles, Department of Water and Power shall comply with the following:

A. DISCHARGE SPECIFICATIONS

1. The treatment or disposal of waste shall not cause pollution or a nuisance.
2. Waste materials shall not be disposed of outside of the designated disposal area.
3. The disposal area shall be protected from washout or erosion of wastes or covering material, and from inundation, which could occur as a result of floods having a predicted frequency of once in 100 years.
4. Surface drainage from tributary areas, and internal site drainage from surface or subsurface sources shall not contact or percolate through Group 2 wastes discharged at the site.
5. Group I wastes shall not be deposited at this site.
6. No liquids, other than septic tank pumpings, shall be deposited at this site, and water used for dust control during disposal site operations shall be limited to a minimal amount.
7. Septic tank pumpings shall not be deposited in solid Group 2 wastes at the site. The area used to accept septic tank pumpings shall be underlain by materials of low permeability of sufficient thickness to assure protection of the groundwater.

8. All necessary runoff diversion channels shall be provided and maintained to prevent erosion or flooding of the site.
9. No Group 2 wastes shall be placed in ponded water resulting from any source whatsoever.
10. The exterior surfaces of the disposal area shall be graded to promote lateral runoff of precipitation and to prevent ponding.
11. The discharger shall remove and relocate any wastes which are discharged at this site in violation of those requirements.

B. PROVISIONS

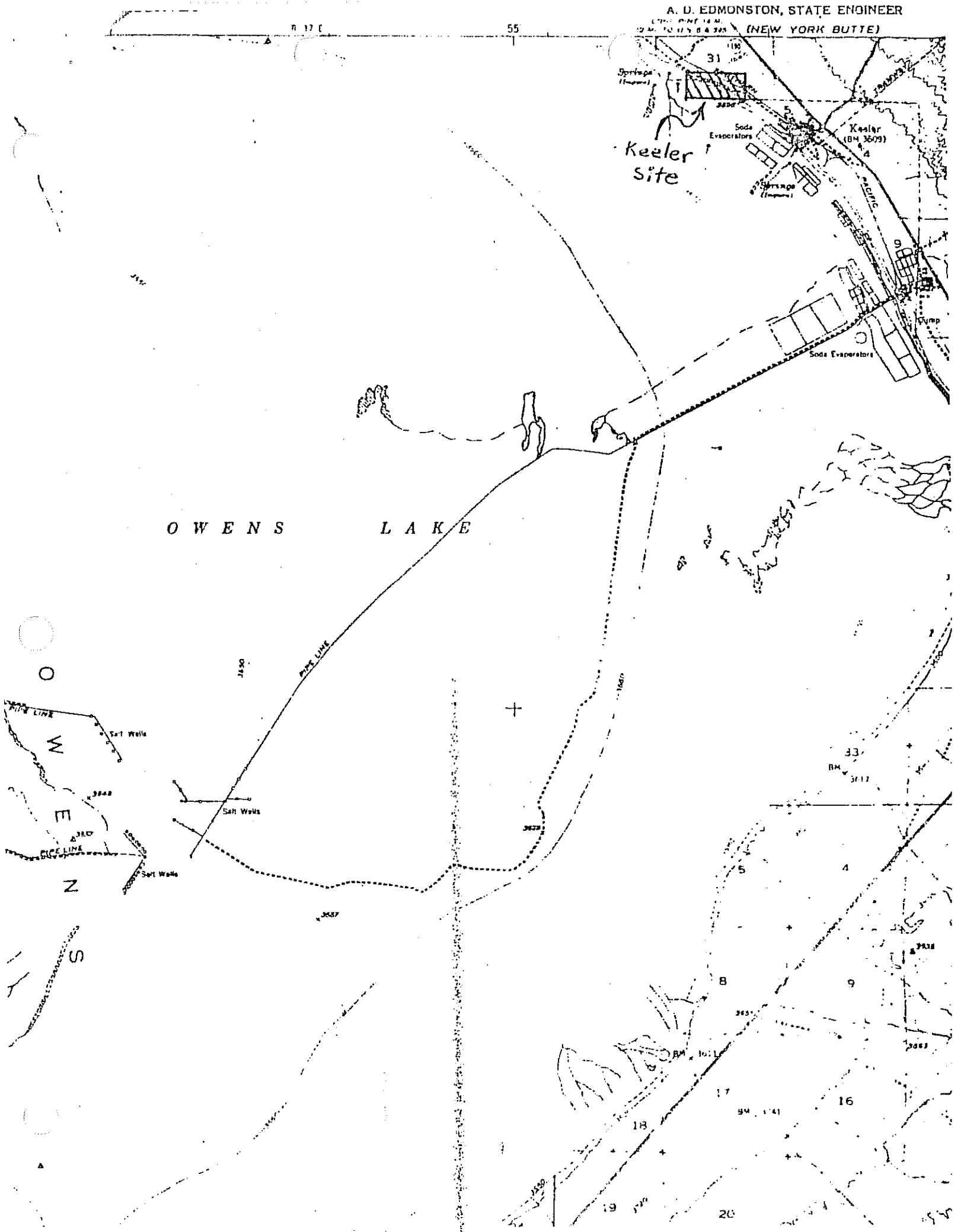
1. The discharger shall submit a report by March 1, 1973 which presents:
  - a. A conceptual plan for modifying the disposal facilities in order to comply with the above requirements and a time schedule for undertaking such improvements; or
  - b. Engineering data and analysis which indicates the existing facilities are meeting, or are capable of meeting the above requirements.
2. The discharger shall install four feet by eight feet signs at the disposal site which convey the intent of items 2, 5, 6, 7 and 9 of the Discharge Specifications.
3. The County of Inyo shall file with this Board a report of any material change or proposed change in the character, location or quantity of this waste discharge. For the purpose of these requirements, this includes any proposed change in the boundaries or contours of the disposal area.
4. The County of Inyo shall comply with the Monitoring and Reporting Program 73-5 as specified by the Executive Officer.
5. The County of Inyo shall file a written report within 90 days after the total quantity of wastes discharged at this site equals 75 percent of the reported capacity of the site. The report shall contain a schedule for studies, design and other steps needed to provide additional capacity, or the total quantity discharged shall be limited to the reported capacity.
6. Ninety (90) days prior to discontinuing the use of this site for waste disposal the County of Inyo shall submit a technical report to the Board describing the methods and controls to be

used to assure protection of the quality of surface and ground waters of the area during final operations and with any proposed subsequent use of the land. This report shall be prepared by or under the supervision of a registered engineer or a certified engineering geologist. The method used to close the site and maintain protection of the quality of surface and ground waters shall comply with waste discharge requirements established by the Regional Board.

7. This Board considers the property owner to have a continuing responsibility for correcting any problems which may arise in the future as a result of this waste discharge or water applied to this property during subsequent use of the land for other purposes.
8. The Board shall be notified immediately by telephone of the presence of adverse conditions resulting from this discharge; written confirmation shall follow.
9. The California Regional Water Quality Control Board, Lahontan Region hereby reserves the privilege of changing all or any portion of this Order upon legal notice to and after opportunity to be heard is given all concerned parties.

I, John T. Leggett, 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, Lahontan Region, on February 1, 1973.

John T. Leggett,  
Executive Officer



CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
LAHONTAN REGION

TRANSMITTAL OF REQUIREMENTS AND RECOMMENDATIONS  
OF OTHER GOVERNMENTAL AGENCIES

for

KEELER SOLID WASTE DISPOSAL SITE  
Inyo County

Other governmental agencies have requested the inclusion of the following additional requirements and recommendations which are not directly related to water quality:

STATE OF CALIFORNIA DEPARTMENT OF PUBLIC HEALTH,  
BUREAU OF VECTOR CONTROL and SOLID WASTE MANAGEMENT  
BUREAU OF SANITARY ENGINEERING

It is our recommendation that the area receiving septic tank pumpings be isolated from the solid waste disposal area, and access should be prohibited to the general public. We also recommend that the septic tank disposal area be large enough to allow the pumpings to spread thin to prevent ponding and thus minimize nuisance, odors and vector problems from the ponded liquid. We also recommend that if large amounts of septic tank pumpings are received at either one of these sites, the area designated for receiving this waste should be scarified periodically in order to enhance the infiltration of the liquid fraction into the soil.

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
LAHONTAN REGION

MONITORING AND REPORTING PROGRAM NO. 7-5

for

KEELER SOLID WASTE DISPOSAL SITE  
Inyo County

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MONITORING

The following data shall be collected quarterly:

1. The volume of the disposal area utilized during this monitoring period.
2. The area used for waste disposal during this monitoring period.
3. The total volume used for waste disposal, including this monitoring period.
4. The total area used for waste disposal, including this monitoring period.
5. The percentage of the total volume used for waste disposal, including this monitoring period.
6. The percentage of the total area used for waste disposal, including this monitoring period.
7. Four 5x7 color prints to be photographed as follows:
  - 1) Facing north from a point 50 feet south of the present disposal area.
  - 2) Facing east from a point 50 feet west of the present disposal area.
  - 3) Facing south from a point 50 feet north of the present disposal area.
  - 4) Facing west from a point 50 feet east of the present disposal area.
8. The volumes of septic tank pumpings discharged during the quarter.
9. A map of the disposal site indicating the method and location of disposal of the septic tank pumpings discharged during the quarter.