

## ATTACHMENT A

County Ordinance No. 91-0003 – Wasteshed Restriction, Adopted by Board of  
Supervisors January 8, 1991

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## ANALYSIS

This ordinance amends Title 12 of the Los Angeles County Code to provide that the Calabasas Landfill may not be used for refuse originating outside a certain identified watershed area. The watershed area includes the cities of Hidden Hills, Agoura Hills, Westlake Village and Thousand Oaks as well as portions of the City of Los Angeles and certain unincorporated areas in the vicinity of the landfill.

October 5, 1990

DE WITT W. CLINTON  
County Counsel

By: *Judith A. Fries*  
JUDITH A. FRIES  
Principal Deputy County Counsel

An ordinance amending Title 12 of the Los Angeles County Code, relating to the disposal of solid waste at the Calabasas Landfill.

The Board of Supervisors of the County of Los Angeles ordains as follows:

SECTION 1. Section 12.48 is hereby added to the Los Angeles County Code to read as follows:

CHAPTER 12.48

SOLID WASTE DISPOSAL

Section 12.48.010 PERSON DEFINED. As used in this chapter, 'person' means any individual, partnership, committee, association, firm, corporation, public agency, public entity or any other organization or group, public or private.

Section 12.48.020 SOLID WASTE DISPOSAL FACILITY DEFINED. As used in this chapter, "solid waste disposal facility" means a public or private facility used for the final deposition of solid waste onto land.



Section 12.48.030 CALABASAS LANDFILL DEFINED. As used in this chapter, "Calabasas Landfill" means that solid waste disposal facility owned by the County of Los Angeles and operated by County Sanitation District No. 2 of Los Angeles County, located at 5300 Lost Hills Road, Agoura, California.

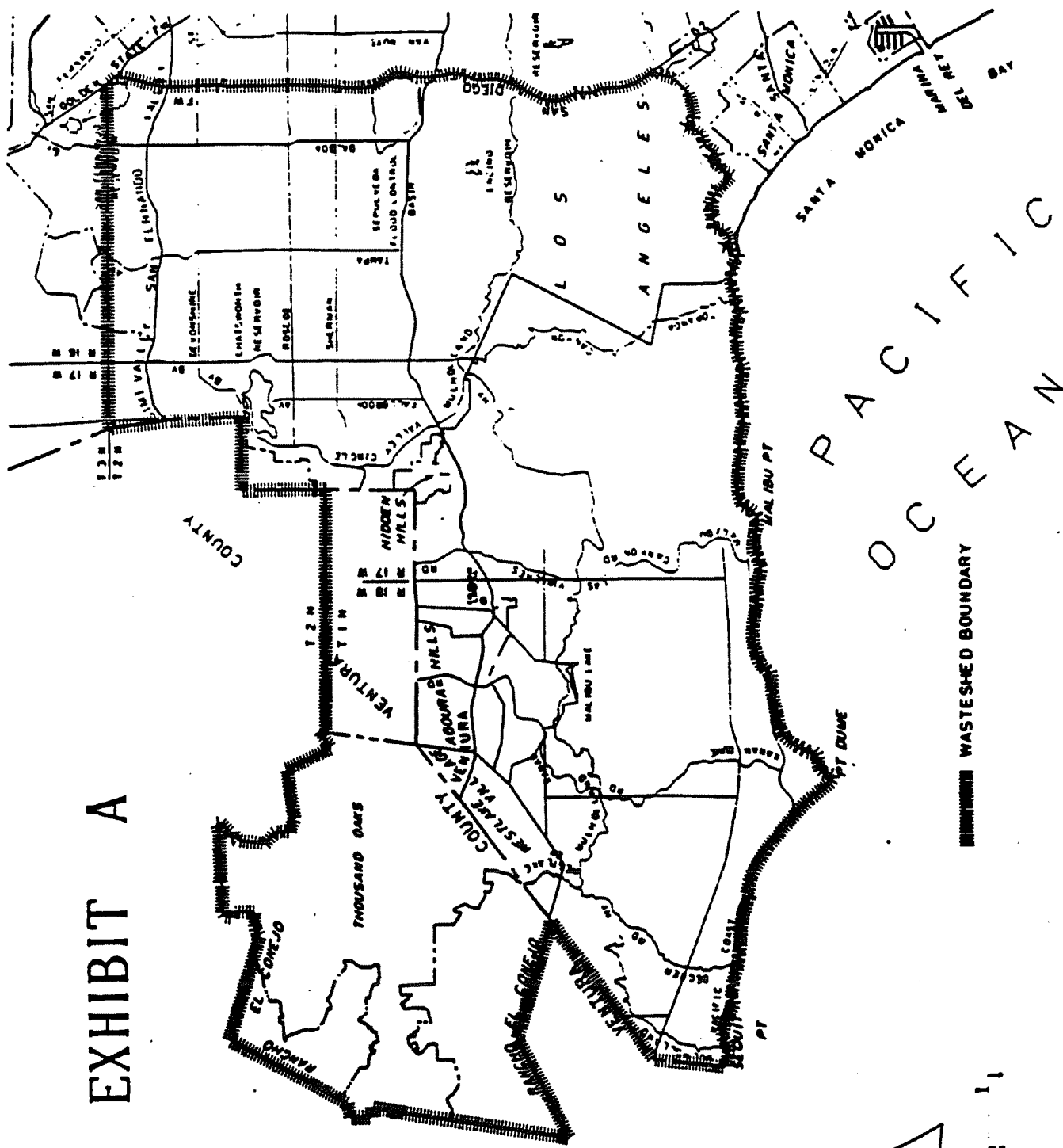
Section 12.48.040 . USE OF CALABASAS LANDFILL. No person shall dispose of or tender for disposal at the Calabasas Landfill any solid waste which has its origin outside the wasteshed area identified on Exhibit "A" attached hereto. Said wasteshed area includes the incorporated cities of Hidden Hills, Agoura Hills, Westlake Village and Thousand Oaks; that portion of the City of Los Angeles bordered by the northerly line of Township 2 North on the north, Interstate Highway 405 on the east, Sunset Boulevard and the Pacific Ocean on the south, and the city boundary on the west; and certain unincorporated areas in the counties of Los Angeles and Ventura, as shown on Exhibit "A".

SECTION 2. If any part, section, subsection, paragraph, sentence, clause or phrase of this ordinance is held invalid or unconstitutional for any reason by any court, that decision does not affect the validity or constitutionality of the remainder of this ordinance. The Board of Supervisors declares that it would have adopted each part of this ordinance irrespective of the validity of any other part.

SECTION 3. This ordinance shall not become effective until the Joint Powers Agreement for the Calabasas Landfill between the County of Los Angeles and County Sanitation District NO. 2 of Los Angeles has been amended to be consistent with the provisions of this ordinance.

5/ord-20

# EXHIBIT A



a newspaper printed and published in the County of Los Angeles.

*Michael D. Antonovich*  
Chairman

ATTEST:

*[Signature]*  
Executive Officer  
Board of Supervisors  
of the County of Los Angeles



I hereby certify that at its meeting of January 8, 1991,  
the foregoing ordinance was adopted by the Board of Supervisors  
of said County of Los Angeles by the following vote, to wit:

Ayes:

Supervisors Kenneth Hahn  
Edmund D. Edelman  
Deane Dana  
Michael D. Antonovich

Noes:

Supervisors None  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



*[Signature]*  
Executive Officer  
Board of Supervisors  
of the County of Los Angeles

Effective Date: See Section 3

~~Operations Director~~

I hereby certify that pursuant to  
Section 25103 of the Government Code,  
delivery of this document has been made.

LARRY J. [Signature]  
Executive Officer  
Clerk of the Board of Supervisors

By *[Signature]*  
DEPUTY

APPROVED AS TO FORM:

DE WITT W. CLINTON  
County Counsel

By *[Signature]*  
GERALD F. CHOP  
Chief Assistant County Counsel

## ATTACHMENT B

Solid Waste Facility Permit, April 4, 2016

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**SOLID WASTE FACILITY PERMIT**

Facility Permit Number:

**19-AA-0056****1. Name and Street Address of Facility:**

Calabasas Landfill  
5300 Lost Hills Road  
Agoura, California 91301

**2. Name and Mailing Address of Operator:**

County Sanitation District No. 2  
of Los Angeles County  
P.O. Box 4998  
Whittier, California 90607

**3. Name and Mailing Address of Owner:**

Los Angeles County  
Chief Executive Office  
500 W. Temple St., Room 754  
Los Angeles, CA 90012

**4. Specifications:****a. Permitted Operations:**☒ Solid Waste Disposal Site☐ Transformation Facility☐ Transfer/Processing Facility (MRF)☐ Other: \_\_\_\_\_☐ Composting Facility /Green Material**b. Permitted Hours of Operation:**

Monday through Saturday

Receipt of Refuse.....8:00 AM to 5:00 PM

Ancillary Operations .....5:30 AM to 7:00 PM

**c. Permitted Maximum Tonnage:** ..... 3,500\* Tons per Day (\* see page 5, part 17.C.1)**d. Permitted Traffic Volume:** .....N/A vehicles per day**e. Key Design Parameters (Detailed parameters are shown on site plans bearing EA and CalRecycle validations):**

	Total	Disposal	Transfer	Composting	Transformation
Permitted Area (acres)	491*	305			
Design Capacity (cu.yds)		69.3 million			
Max. Elevation (ft.MSL)		1,360			
Max. Depth (ft.MSL)		N/A			
Estimated Closure Date		2029*	*see page 5 part C, Specifications		

Upon a significant change in design or operation from that described herein, this permit is subject to revocation or suspension. The attached findings and conditions are integral parts of this permit and supersede the conditions of any previously issued solid waste facility permit.

**5. Approval**

  
Approving Officer Signature

Gerry Villalobos, Chief Environmental Health Specialist  
Solid Waste Management Program

**6. Local Enforcement Agency:**

County of Los Angeles  
Department of Public Health  
Solid Waste Management Program  
5050 Commerce Drive  
Baldwin Park, California 91706  
(626) 430-5540

**7. Date Received by CalRecycle:**

March 25, 2016

**8. CalRecycle Concurrence Date:**

April 4, 2016

**9. Permit Issued Date:**

April 4, 2016

**10. Permit Review Due Date:**

August 11, 2019

**11. Owner/Operator Transfer Date:**

N/A

**SOLID WASTE FACILITY PERMIT**

Facility Permit Number:

**19-AA-0056****12. Legal Description of Facility:**

The Calabasas Landfill is located in the unincorporated area of western Los Angeles County, north of the Ventura Freeway (US 101). The legal description of the site is found in Exhibit 1 (2014) of Appendix D (Sixth Amendment to the Amended Joint Powers Agreement, July 22, 2014), in the Joint Technical Document (JTD) for Calabasas Landfill.

**13. Findings:**

- a. A Countywide Integrated Waste Management Plan was approved by the former California Integrated Waste Management Board (CIWMB) now the Department of Resources Recycling and Recovery (CalRecycle) on June 23, 1999. Pursuant to Public Resources Code (PRC), section 50001 (a)(1), this facility is identified in the Countywide Siting Element which has been approved pursuant to PRC Section 41721.
- b. This permit is consistent with the standards adopted by the CalRecycle, pursuant to PRC 44010.
- c. The design and operation of the facility is consistent with the State Minimum Standards for Solid Waste Handling and Disposal as determined by the Local Enforcement Agency (LEA), pursuant to PRC 44009.
- d. The local fire protection agency (Los Angeles County Fire Department, Station No. 125, located on Las Virgenes Road, Calabasas) has determined that the facility is in conformance with applicable fire standards, pursuant to PRC, 44151.
- e. A Notice of Exemption was filed with the County Clerk on December 16, 2014 for existing ancillary hours.
- f. This permit does not supplant or modify local land use entitlements or local agencies' authority to enforce local entitlements. It is recognized by the LEA that the operator must comply with the provisions of the Integrated Waste Management Act (IWMA), state regulations and the terms and conditions of this permit as well as other regulatory requirements and applicable local land use measures which govern the operator's activities at the site. If the requirements inadvertently overlap, it is expected that the operator will comply with the more stringent requirement in order to maintain compliance. Non-compliance with another agency requirement may not constitute a violation of this permit, the IWMA, or state regulations.

**14. Prohibitions**

The permittee is prohibited from accepting the following wastes:

Hazardous, radioactive, untreated medical, liquid, designated, sludge, large dead animals or other wastes requiring special treatment or handling, except as identified in the current Joint Technical Document and approved amendments thereto and as approved by the enforcement agency and other federal, state, and local agencies.

**15. The following documents also describe the operation of this facility:**

Document	Date	Document	Date
Joint Technical Document (JTD)	February 2016 (and any subsequent amendments approved by the LEA)	Joint Powers Agreement (6 <sup>th</sup> amendment)	July 22, 2014
Notice of Exemption (Ancillary hours)	December 16, 2014	Waste Discharge Requirements Order No. R4-2009-0088	July 16, 2009
Notice of Exemption (Perimeter probes)	December 11, 2009	Closure/Post-closure Financial Responsibility	January 21, 2016
Several Notice of Exemptions for various types of projects – See JTD Appendix G for list	1980-2014	NPS Special Use Permit #PWR-SAMO-5700-2013-K015	Nov 14, 2013 to Nov 14, 2018
Corrective Action Plan and cost estimates	Feb 2014 updated Oct 2015	Preliminary Closure and Post-Closure Maintenance Plan	Oct 2015



**SOLID WASTE FACILITY PERMIT**

Facility Permit Number:

**19-AA-0056****16. Self-Monitoring:**

The owner/operator shall submit the results of all self-monitoring programs to the Local Enforcement Agency within 15 days of the end of the reporting period (*for example, 1<sup>st</sup> quarter = January – March, the report is due by April 15, etc.. Information required on an annual basis shall be submitted with the 4<sup>th</sup> quarter monitoring report, unless otherwise stated.*)

PROGRAMS	REPORTING FREQUENCY
a. The types and quantities of non-hazardous wastes, including separated or commingled recyclables materials received <u>each day</u> . (see 17.A.12)	<b>Monthly</b>  (Due 15 days following the end of each reporting period)
b. The types and quantities of materials received each day for use as alternative daily cover or other beneficial reuses (must include how the material was or will be beneficially reused) and the quantity of soils received from off-site sources for use as cover material. (see 17.A.12)	
c. The types and quantities of hazardous wastes, medical wastes, or otherwise prohibited wastes found in the waste stream and the disposition of these wastes.	
d. All incidents of unlawful disposal of prohibited materials and the operator's actions taken. Indicate those incidents which occurred as a result of the random load checking program. Incidents, as used here, means that the hauler or producer of the prohibited materials is known.	
e. Reports of all special/unusual occurrences and the operator's actions taken to correct these occurrences. (see condition 17.A.9)	
f. The number of vehicles using the facility per day and per week.	
g. Copies of all written complaints regarding this facility and the operator's actions taken to resolve these complaints. (see condition 17.A.4)	
h. Record of receipt of a Notice of Violation from any regulatory agency. In addition, the operator shall notify the LEA <u>within 24 hours</u> following receipt of a Notice of Violation or upon receipt of notification of complaints regarding the facility, which have been received by other agencies.	<b>Quarterly</b>
i. An estimate of the remaining capacity (in cubic yards and tons), and the remaining life of the existing permitted site in years and months.	
j. Results of the landfill gas monitoring control program.	<b>Annually</b> (Due January 15th)
k. Topographical map* showing all current fill locations and elevations.	
l. Topographical map* which indicates all cuts into native material from the Previous year to the present date.	
* Topographical maps shall be drawn to a scale no smaller than one inch = 200 feet unless otherwise approved by the LEA.	

**17. LEA Conditions:****A. Standard Requirements:**

1. The operator shall comply with all State Minimum Standards for solid waste handling and disposal as specified in Title 27, California Code of Regulations.
2. Additional information concerning the design and operation of this facility shall be furnished upon request and within the time frame specified by the LEA.
3. A copy of this permit and current JTD, as amended and approved by the LEA, shall be maintained at the facility so as to be available at all times to facility personnel and the LEA.
4. Notification to the LEA on the same day for any written complaints received or any complaint called into the facility.
5. This permit is subject to review by the LEA and may be temporarily suspended or revoked at any time for sufficient cause, in accordance with Division 30 of PRC, Part 4, Chapter 4, Article 2, Section 44305 et seq. and associated regulations.
6. The LEA reserves the right to suspend or modify waste receiving and handling operations due to an emergency, a potential health hazard, or the creation of a public nuisance.
7. Any change that would cause the design or operation of the facility not to conform to the terms and conditions of this permit is prohibited. Such a change may be considered a significant change, requiring a permit revision. In no case shall the operator implement any change without first submitting a written notice of the proposed change, in the form of an RFI amendment, to the LEA at least 180 days in advance of the change.
8. The operator and/or owner shall notify the LEA of any plans to encumber, sell, transfer, or convey the operation or ownership to a new operator or owner, at least 45 days prior to the anticipated transfer, by written certification, including information deemed sufficient by the CalRecycle and the LEA. If the facility will not be operated in compliance with the terms and conditions of this permit, the new owner and/or operator shall be required to file an application for a revision of this permit.
9. The operator shall maintain a log of special/unusual occurrences. The log shall include, but not be limited to, fires, landslides, earthquake damage, unusual and sudden settlement, injury and property damage accidents, explosions, receipt or rejection of non-permitted wastes, flooding, operational shutdowns and other unusual occurrences. Include a summary of the actions taken to mitigate the occurrence. The operator shall maintain this log at the facility so as to be available at all times to site personnel and LEA personnel. Any entries of special/unusual occurrences made in this log must be reported to the LEA within 24 hours. Call the duty officer, County of Los Angeles, Department of Public Health, Solid Waste Management Program at (626) 430-5540.
10. The operator shall immediately report any incidental receipt of untreated medical waste to the California Department of Public Health (CDPH) Medical Waste Management Program at (213) 977-6877 or (213) 977-7379.
11. The operator shall provide training to their personnel to educate them in the identification of medical waste as well as the proper action to take in the event this type of waste is identified at the site.
12. The site operator shall maintain at the facility all records of weights accepted in a form and manner approved by the LEA for a minimum of three years. Such records shall be submitted to the LEA and CalRecycle upon request.

**B. Particular Requirements:**

1. Operational controls shall be established to preclude the receipt and disposal of volatile organic chemicals or other types of prohibited wastes:
  - a. The operator shall install and maintain an operational, calibrated radiation detector at the scales to detect radioactive materials, at all times, during the hours of receipt of solid waste.
  - b. Incidents of receipt of suspected radioactive materials, or warnings from the radiation detector, shall be reported immediately to the County of Los Angeles, Department of Public Health, Radiation Management Program at (213) 351-7897 and the LEA.
  - c. The operator shall comply with the approved Hazardous Waste Screening Program as described in the current JTD. Any changes in this program must be approved by the LEA prior to implementation. The following Solid Waste Facility Permit conditions supplement the Hazardous Waste Screening Program:
    - (1) Waste vehicle loads are to be randomly inspected. A minimum of one (1) load-check shall be conducted for every 500 tons of municipal solid waste, or portion thereof, received at the facility during each operating day. The operator shall inspect all waste vehicle loads if there is any reason to believe the loads may contain prohibited wastes.
    - (2) The LEA may increase the required number of incoming waste load inspections if it has reason to believe that the number currently required is inadequate to ensure compliance with the regulations and protection of the public health and safety and the environment.
    - (3) At all times when facility operations are underway, an attendant or attendants shall be present to supervise the loading and unloading of solid waste and other materials. All working disposal areas shall be under continual visual inspection by facility personnel, such as spotters, equipment operators, and supervisors.
    - (4) Facility personnel and new employees performing duties required by the Hazardous Waste Screening Program shall be trained prior to assignment. The training must include, but is not limited to, how to recognize hazardous waste and other prohibited waste, the proper method of containment, and the reporting requirements of this program. Facility personnel are to be retrained on an annual basis and updated as needed.
    - (5) Incidents of unlawful disposal of prohibited materials shall be reported to the LEA monthly as described in the monitoring section of this permit. In addition, the following agencies shall be notified at once of any incidents of illegal hazardous materials disposal:
      - (a) Duty officer, Los Angeles County Fire Department, Health Hazardous Materials Division at (323) 890-4045.
      - (b) Environmental Crimes Division, Los Angeles County District Attorney at (213) 580-3273.
      - (c) California Highway Patrol at (800) 835-5247 or (818) 240-8200.
    - (6) Any hazardous materials thus found shall be set aside in a secured area to await proper disposition following notification of the producer (if known) and the appropriate governmental agencies.
  2. The LEA reserves the right to require the operator to provide more stringent dust and odor control measures, if the proposed dust and odor control measures identified in the current JTD prove to be inadequate or ineffective.

**C. Specifications:**

1. The facility shall not receive more than the maximum permitted daily tonnage of 3,500 TPD of solid waste without a revision of this permit. This limit includes solid waste that is beneficially reused consistent with Title 27 CCR Section 20686, but do not include soil received for cover material as specified in Title 14 CCR Section 18801.1.
2. The Estimated Closure date specified on Page 1, Section 4 (e) of this permit is based on the capacity of the site, waste flow projections and assumptions. Refer to the approved JTD on file for updated information.
3. Three of the 23 monitoring perimeter probes are now incorporated into the solid waste facility permitted boundary through Easement Deeds for the purpose of probe maintenance and monitoring for methane gas migration. Detailed information regarding these probes and the easements is included in the approved JTD on file.

## ATTACHMENT C

Special Use Permit No. PWR-SAMO-5700-2013-K015, Approved by National Parks  
Service on November 14, 2013

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## United States Department of the Interior

### NATIONAL PARK SERVICE

Santa Monica Mountains National Recreation Area  
401 West Hillcrest Drive  
Thousand Oaks, California 91360-4207

In reply refer to:  
L76 (SAMO)/Calabasas Landfill 129-16

November 20, 2013

Grace Robinson Chan, Chief Engineer and General Manager  
Sanitation Districts of Los Angeles County  
1955 Workman Mill Road  
Whittier, California 90607-4998

Dear Ms. Robinson:

Enclosed please find the Sanitation Districts' copy of a fully executed National Park Service Special Use Permit, with Exhibits A and B, for operation of the Calabasas Landfill within the boundary of the Santa Monica Mountains National Recreation Area. The five-year permit is now in effect from November 14, 2013, to November 14, 2018, and has been issued to the Sanitation Districts in compliance with Part 6 of the United States Code of Federal Regulations and is intended to protect the natural, cultural, scenic, and recreational resources of the national park system.

Please call me at (805)370-2344 if you have questions. Thank you for your and your staff's cooperation with National Park Service during this reissuance process.

Sincerely,

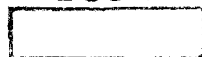
David Szymanski  
Superintendent

cc: Greg Lind, Office of the United States Solicitor  
Melanie Beck, Santa Monica Mountains National Recreation Area

Enc. NPS Permit #PWR-SAMO-5700-2013-K015, Sanitation Districts, Calabasas Landfill

NOV 25 '13 AM 10:55

DOC #



Salomon, C.

**UNITED STATES DEPARTMENT OF THE INTERIOR  
National Park Service**

Special Use Permit for Landfill Operation  
36 C.F.R. Part 6

Type of Use:

**Operation and Maintenance of the Calabasas Landfill,  
Los Angeles County, California**

Date Permit Issued: November 14, 2013 Date Permit Expires: November 14, 2018

Long Term: X  
Short Term: \_\_\_\_\_

Permit # PWR - SAMO - 5700 - 2013 - K015  
Regional Office - Park - Type - Year - No.

SANTA MONICA MOUNTAINS NATIONAL RECREATION AREA  
Name of Area

Name and Address of Permittee:

County Sanitation District No. 2 of Los Angeles County  
1955 Workman Mill Road  
Whittier, California 90607

The above-named Permittee is hereby authorized, during the period from 12:01 a.m. on  
11/14/2013 through 12:00 a.m. on 11/14/2018 to:

**operate and maintain the Calabasas Landfill ("Landfill") in the area depicted on the map attached hereto as Exhibit A that is within the Santa Monica Mountains National Recreation Area for the purpose of preventing deterioration of air and water quality, preventing degradation of Park Resources, and reducing adverse effects to visitor enjoyment.**

**Authorization, Legislation or Other Authority:**

- \* National Park Service Organic Act, 16 U.S.C. § 1 *et seq.*
- \* Santa Monica Mountains National Recreation Area Enabling Act, 16 U.S.C. §§ 460kk *et seq.*
- \* 16 U.S.C. § 460l-22(c) and the regulations in 36 C.F.R. Part 6
- \* 36 C.F.R. Parts 1-7

NEPA Compliance: CATEGORICALLY EXCLUDED   X   EA/FONSI      OTHER     

See Environmental Review Findings 2013

**Other Required Environmental Compliance:****National Historic Preservation Act (NHPA):**

A "no effect" determination was made in the 1998 EA/FONSI and continues to be applicable.

**Endangered Species Act (ESA):**

A "no effect" determination was made as to plants and animals.  
 Informal Section 7 consultation on steelhead trout completed on February 6, 1998.

PERFORMANCE BOND: Required See infra Not Required:      Amount \$:       
 LIABILITY INSURANCE: Required See infra Not Required:      Amount \$:     

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**This Permit is subject to all of the following attached terms, conditions, and provisions ("Provisions"):**



**1. TERM:** Unless earlier terminated or revoked, this Permit shall be effective for a period of five years, commencing on 11/14/2013 and expiring on 11/14/2018.

**2. DEFINITIONS:** The definitions contained in 36 C.F.R. Section 6.3 are incorporated herein by reference. In addition, the following terms shall have the following meanings:

- a. **"Agents"** means officers, directors, employees, contractors, subcontractors, consultants, agents, licensee, invitees, servants and other representatives.
- b. **"Applicable Law(s)"** means all applicable statutes, regulations, licenses, permits, orders, decrees, and other official, written requirements of similar force and effect, of any governmental authority having lawful jurisdiction, relating to or affecting the Park, the environment, public or worker health or safety, or the Landfill, including, but not limited to:
  - (i) those relating to the reporting of, permitting of, investigation of, restoration of, abatement of, or response to, any release, discharge, or disposal (or threatened release, discharge or disposal) of Hazardous Materials into the environment (including the air, surface water, ground water, soil or land); or relating to the manufacture, processing, distribution, use, generation, treatment, storage, transport or handling of Hazardous Materials;
  - (ii) those pertaining to the protection of the health or safety of employees or the public; and
  - (iii) those pertaining to the protection or restoration of Park Resources.
- c. **"Environmental Damages"** means all claims, demands, damages, injuries, losses, penalties, fines, costs, liabilities, causes of action, judgments, expenses and the like, of any nature whatsoever and by whomever made, incurred at any time during or after the term of this Permit which relate to the release, discharge, or disposal (or threatened release, discharge or disposal) of any Hazardous Materials or Solid Waste into the environment (including the air, surface water, ground water, soil or land) about, on, in or under any area of the Park, and which arises directly or indirectly from or in connection with any activity by Permittee or its Agents that is authorized under this Permit, the breach of any Provision of this Permit, or any Landfill-related activity of, or omission by, Permittee or its Agents. Without limiting the foregoing, Environmental Damages include:
  - (i) damages for death or personal injury, or for injury or damage to the Park, foreseeable or unforeseeable;
  - (ii) consultant fees, legal fees, expert fees, and costs incurred by the United States in responding to any release, discharge or disposal, or threatened release, discharge or disposal, (including enforcement activities related thereto); and
  - (iii) any costs incurred by the NPS in addressing or responding to the violation of any Applicable Law, or in taking action to restore the affected property.

- d. **"Environmental Protection Systems"** means any operational system, with associated facilities and equipment, implemented to protect human health or the environment; or used to control, manage or monitor any release, discharge, or disposal (or threatened release, discharge or disposal) of Hazardous Materials from the Landfill.
- e. **"Hazardous Material(s)"** means any substance, whether solid, liquid, or gaseous in nature:
  - (i) the presence of which is governed by any Applicable Law as being hazardous or harmful to human health, public welfare or the environment; or
  - (ii) that is defined as a "Hazardous Waste," "extremely hazardous waste," "restricted waste," "hazardous substance," "pollutant," "contaminant," "toxic contaminant," or "waste" under any Applicable Law, including the Comprehensive Environmental Response Compensation and Liability Act (42 U.S.C. Section 9601 et seq.), the Resource Conservation and Recovery Act (42 U.S.C. Section 6901 et seq.), or the Clean Water Act (33 U.S.C. Section 1251 et seq.); or
  - (iii) that is toxic, explosive, corrosive, flammable, infectious, ignitable, radioactive, carcinogenic, mutagenic, or otherwise hazardous or harmful and is regulated by any authority, agency, department, commission, board, bureau or instrumentality of the United States, any individual state, or any political subdivision thereof; or
  - (iv) the presence of which causes or threatens to cause a nuisance, or poses or threatens to pose a hazard to the environment, public welfare or the health or safety of persons; or
  - (v) that contains gasoline, diesel fuel or other petroleum hydrocarbons or volatile organic compounds; or
  - (vi) that contains polychlorinated biphenyls (PCBs) or asbestos or asbestos-containing materials or urea formaldehyde foam insulation; or
  - (vii) that contains or consists of radon gas.
- f. **"Landfill"** means the Calabasas Landfill, located in Los Angeles County, California, as depicted on Exhibit A attached hereto. This term shall also include access routes within the Park used by the Permittee for ingress to or egress from the Landfill.
- g. **"Legal Discretion"** refers to the standard under which federal agency action is reviewed under the Administrative Procedure Act, 5 U.S.C. Section 500 *et seq.*
- h. **"NPS"** means the National Park Service and employees thereof.
- i. **"Park"** means all Park Resources and all lands and waters within the Santa Monica Mountains National Recreation Area that, at any time during the term of this Permit, are administered or managed by the NPS or owned by the United States. As appropriate given the particular context, this term also includes the visiting public and/or employees of the NPS, including those of Santa Monica Mountains National Recreation Area.
- j. **"Park Resources"** means all living and non-living resources, facilities and structures within the Park, and/or over which the NPS has jurisdiction or trust responsibilities, including, but not

limited to, Natural Resources; cultural, historic, archaeological, and paleontological resources; scenic vistas, wilderness values, and ecosystem functions.

- k. **"Permittee"** means the County Sanitation District No. 2 of Los Angeles County.
- l. **"Radioactive Materials"** means any regulated radioactive substances that, pursuant to any Applicable Law, may not be stored at, or disposed of, in a Class III municipal solid waste landfill.
- m. **"Submit(ted) for NPS Review and Approval"** means that the Permittee, at its sole cost and expense, shall prepare and submit the referenced document(s) to NPS so that NPS may review the document(s) to determine consistency with 36 C.F.R. Part 6 and other Applicable Laws. The Permittee shall clearly mark such documents as "Submitted for NPS Review and Approval." The NPS will, in its Legal Discretion, determine whether to approve the referenced document(s) or to request modifications. Upon NPS's express written approval of a document or documents, Permittee shall be bound by the obligations, specifications, and limitations contained therein. The NPS will exert its best efforts to review documents within 30 business days of receipt. If no response is received from the NPS within such time period, or the NPS has not notified Permittee that an additional review period is needed, the document shall be deemed approved.
- n. **"Temporary Household Hazardous Waste Roundup Event"** means a program held at the Landfill, typically of one-day duration, at which household hazardous wastes are accepted for proper handling and transport off-site for appropriate recycling, treatment or disposal in accordance with Applicable Laws.
- o. **"United States"** means the United States government, including its departments, agencies and instrumentalities.
- p. **"Waste Screening Program(s)"** refers to the Permittee's inspection of waste shipments to the Landfill to identify, segregate and properly manage unacceptable wastes and then transfer such wastes to appropriate management facilities outside the Park, or in the case of tires, the Permittee-sponsored program of identifying, segregating and shredding tires and then disposing of chipped rubber waste at the Landfill in accordance with applicable state regulations.

**3. PURPOSE OF THIS PERMIT:** The privileges authorized by this Permit are for the sole purpose of ensuring that the Permittee operates and maintains the Landfill in accordance with the Provisions of this Permit. Except as expressly stated herein, unauthorized use of the Park may subject the Permittee to legal action.

**4. NO GRANT OF LEGAL INTEREST OR EXCLUSIVE USE:** Not used.

## **5. RESERVATION OF RIGHTS**

- a. Permittee acknowledges that the privileges authorized herein shall be subject to the express condition that the exercise thereof shall not materially interfere with the management or administration of the Park.
- b. The NPS, by and on behalf of itself and its Agents, expressly reserves the right to enter the Landfill at any time for the purposes of monitoring or inspecting the activities authorized by this

Permit, to assess whether Permittee is in compliance with the Provisions of this Permit, to take actions necessary to protect the Park, or for any other purpose.

- c. The Permittee acknowledges that the activities to be undertaken by the Permittee during the term of this Permit may have the potential to adversely affect the Park, and that therefore, NPS has the right to halt or delay some or all of the activities authorized under this Permit in order to prevent or evaluate adverse effects to the Park. The NPS recognizes that Permittee operates the Landfill as an "essential public service" under state law. Therefore, NPS will use its best efforts to halt or delay activities under this Permit only after attempting to resolve the concern in consultation with the Permittee. To the greatest extent feasible, NPS will provide Permittee with reasonable advance notice of an anticipated stoppage or delay and NPS will only halt or delay those activities reasonably necessary to prevent or evaluate adverse effects to the Park. If, during a work stoppage or delay, NPS determines that there are or will be adverse effects to the Park, NPS reserves the right, in its Legal Discretion, to extend the work delay or stoppage and to require the Permittee to revise its activities, and/or undertake mitigation or response measures to avoid or remedy the adverse effects. The Permittee agrees that it shall have no claim against NPS on account of any delays or stoppages caused as a result of NPS's exercise of its Legal Discretion under this provision, and that Permittee shall bear the full cost of any mitigation or restoration measures or revisions to its activities. Any work stoppage or delay must be approved by the Park Superintendent or other NPS management-level official.

#### **6. COMPLIANCE WITH APPLICABLE LAWS, ETC.:**

- a. Permittee agrees to comply with and be bound by all Applicable Laws and all permits issued pursuant to such laws.
- b. Permittee agrees that the exercise of the privileges authorized by this Permit are subject to the supervision of the NPS. Any conflict between a Provision of this Permit and a requirement of State or local law will be resolved in favor of the stricter of the two requirements.
- c. All requirements, obligations, and commitments on the part of Permittee contained herein shall be implemented and pursued diligently to completion. Permittee agrees to employ competent management and labor personnel to carry out the activities authorized pursuant to this Permit, and to conduct all activities in a professional and careful manner.
- d. Permittee shall ensure that its Agents are at all times in compliance with the Provisions of this Permit.

**7. COMPLIANCE WITH APPROVED DOCUMENTS:** This Permit fully incorporates by reference, and the Permittee hereby agrees to fully comply with and pursue diligently to completion, all final approved requirements, standards, criteria, limitations, conditions, mitigation measures, restoration measures and the like contained in the documents, licenses, orders and permits ("Orders") listed below. Failure by the Permittee to comply with the foregoing may result in revocation of this Permit.

- a. The Proposed Action in the Calabasas Landfill Special Use Permit Environmental Assessment, as approved in the Finding of No Significant Impact, dated September 28, 1998, and the Environmental Review Findings. To the extent that the Environmental Review Findings recommends minor modifications to the provisions of this permit or to the exhibits to this permit, the Environmental Review Findings shall supersede the relevant terms of the EA/FONSI.

- b. California Department of Resources Recycling and Recovery ("CalRecycle", formerly California Integrated Waste Management Board or CIWMB), Solid Waste Facility Permit, Number 19-AA-0056, issued on August 9, 2011; except that the Permittee may not accept any of the following items for disposal: incinerator ash, sludge from a waste treatment plant, septic system waste, domestic sewage or any other waste stream prohibited under 36 C.F.R. § 6.5(c).
- c. Regional Water Quality Control Board Waste Discharge Requirements Order No. R4-2006-0007 (Treated Wood Waste Discharge), Order No. R4-2008-0013 (Wildland Fire Debris Discharge), Order No. R4-2009-088 (Corrective Action Program and Monitoring and Reporting Program No. CI-4992), and Order No. R4-2011-0052 (Non-designated/non-hazardous contaminated soils and related wastes); except that Permittee may not accept any of the following items for disposal: incinerator ash, sludge from a waste treatment plant, septic system waste, domestic sewage, or any other waste stream prohibited under 36 C.F.R. § 6.5(c).
- d. South Coast Air Quality Management District Clean Air Act Title V Permit to Operate Facility ID No. 042514, issued March 23, 2012; and Title V Permit to Construct and Temporary Permit to Operate pertaining to the gas-to-energy facility. Upon issuance of the Permit to Operate the gas-to-energy facility, Permittee shall provide NPS with the finalized permit.
- f. The Stormwater Pollution Prevention Plan (revised July 12, 2012), prepared by the Permittee, which is based on State Water Resources Control Board Order 97-03-DWQ, National Pollutant Discharge Elimination System General Permit No. CAS000001, and RWQCB Order No. R4-2011-0052.
- g. Permittee's August, 2010, Spill Prevention Control and Countermeasure Plan.
- h. Los Angeles County Sanitation Districts Joint Powers Authority.
- i. Los Angeles County Land Use Permits.

If Permittee seeks to modify any of the Orders listed above, each modification request shall be submitted to NPS for review and approval so that NPS can determine whether the modified Order will comply with 36 C.F.R. Part 6. Renewals or modifications of Orders listed above, without any material changes, need not be Submitted for NPS review and approval. (Material changes are substantial changes, and include changes such as new emissions or discharge limits, new monitoring procedures, new disposal practices, or new reporting requirements.) Permittee shall forward to NPS copies of all Order renewals and modifications, and all new Orders, within 30 days of issuance by the appropriate regulatory authority.

**8. GENERAL DUTY TO TAKE REASONABLE PRECAUTIONS:** The Permittee shall exercise reasonable precautions for the safety, health and welfare of all persons on or near the Landfill and for the protection of the Park. Permittee shall not engage in any activity that causes or results in a nuisance or trespass.

**9. SPILL REPORTING:** Any releases of Hazardous Materials that the Permittee is required to report to any regulatory entity shall be simultaneously reported to the NPS by fax or telephone. In addition to the notice itself, Permittee shall provide NPS with copies of other documentation regarding any such release if so requested.

**10. RESOURCE PROTECTION:** Permittee expressly acknowledges that it shall be liable for injury to, loss of, or destruction of natural resources as defined in 42 U.S.C. § 9607(f) of CERCLA and Park System Resources as defined in 16 U.S.C. § 191j to the extent that such injury, loss or destruction arises out of or is incident to any activity authorized under this Permit, the breach of any Provision of this Permit, or any Landfill-related activity of, or omission by, Permittee or its Agents. Nothing in this Permit shall preclude the NPS from pursuing any legal or equitable remedies that are available to address injury to, loss of, or destruction of natural resources as defined in CERCLA and/or Park System Resources and to recover costs incurred in response to such injury, loss or destruction.

**11. PROTECTION AGAINST FIRES:** Permittee agrees to take all measures reasonably within its power, both independently and on request by NPS, to prevent fires on lands managed by the Permittee within the Park.

**12. HAZARDOUS MATERIALS, REMEDIATION, ETC.:**

- a. Except as provided in Section 12 and in subsections (c) and (d) below, in accordance with 36 C.F.R. § 6.5(c)(3), neither Permittee nor its Agents shall store, dispose of, discharge, or release any Hazardous Waste; municipal solid waste incinerator ash; lead-acid batteries; polychlorinated biphenyls; materials registered as pesticides under 7 U.S.C. § 136 *et seq.*; sludge from a waste treatment plant, septic system waste or domestic sewage; petroleum, crank case oil or soils contaminated by such products; non-sterilized medical waste; or Radioactive Materials about, on, in or under the Landfill. In addition, the Permittee shall implement a Waste Screening Program to prohibit the storage and disposal of whole tires about, on, in or under the Landfill to the maximum extent feasible.
- b. Neither Permittee nor its Agents shall treat, store, handle, release, dispose of, or discharge, or cause a threatened release, disposal or discharge of any Hazardous Materials or Solid Waste about, on, in or under the Park.
- c. Nothing in this Section shall prohibit Permittee or its Agents from undertaking the following activities at the Landfill: 1) routine vehicle and equipment maintenance and fueling, 2) a Waste Screening Program, or 3) Temporary Household Hazardous Waste Roundup Events.
- d. Nothing in this Section shall prohibit Permittee from accepting for disposal soils containing non-hazardous levels of petroleum hydrocarbons, provided that Permittee is at all times in compliance with Applicable Laws, particularly L.A. Regional Water Control Board Order No. R4-2011-0052, Waste Discharge Requirements for Discharge of Non-Designated/Non-Hazardous Contaminated Soils and Related Wastes). The NPS reserves the right to withdraw or modify, at any time, the authorization to accept such materials. Withdrawal or modification of the authorization would only occur after consideration of any resulting impact to public services. This authorization does not release Permittee from any obligation or liability for any release, discharge or disposal (or threatened release, discharge or disposal) of such materials into the environment.
- e. Any new Environmental Protection System for the Landfill not described in the Environmental Assessment (dated September, 1998) shall be submitted for NPS review and approval prior to installation and operation. Following NPS approval, nothing in this Section shall prohibit Permittee from installing and operating approved Environmental Protection Systems.

- f. Permittee agrees to be responsible for the timely acquisition of all permits, licenses and other approvals ("Approvals") required for the operation or maintenance of the Landfill. Permittee shall provide copies of all such Approvals, and any renewals thereof, to NPS. If Permittee seeks to renew or modify any such Approvals, Permittee shall comply with the procedures described in Section 7 of this Permit.
- g. If Permittee shall become aware of or receives a notice or other communication concerning any actual, alleged, suspected or threatened violation of any Applicable Law, or of any liability of Permittee for Environmental Damages in connection with the Landfill, then Permittee shall deliver to NPS, within five (5) business days of the receipt of such notice or communication by Permittee, a written description of such alleged violation, liability, correcting information, or actual or threatened event or condition, together with copies of all documents evidencing same. (Permittee shall also send a copy of such notice, via certified mail, to the Office of the Solicitor, Department of the Interior, 333 Bush Street, Suite 775, San Francisco, CA 94104.) Receipt of such notice shall not be deemed to create any obligation on the part of NPS to defend or otherwise respond to any such notification. Permittee shall thereafter notify NPS in writing of its plans to address or dispute the substance of the notice. If corrective measures are taken, Permittee shall promptly advise NPS in writing of the measures taken to correct the substance of the notice and the date on which such measures were taken. In cases where the agency that issued a notice requires Permittee to respond in writing to the notice, Permittee may send NPS a copy of the materials that Permittee submits to the agency that issued the notice. If NPS needs additional information in order to assess Permittee's response to the notice for compatibility with the regulations in 36 C.F.R. Part 6, the NPS shall so advise the Permittee.
- h. Permittee shall, at its sole cost and expense, promptly take all actions required under Applicable Laws or ordered by any federal, state or local governmental agency or political subdivision to remedy Environmental Damages which arise directly or indirectly from or in connection with the release, discharge or disposal (or threatened release, discharge or disposal) of any Hazardous Materials or Solid Waste introduced about, on, in or under the Park as a result of or in connection with any activity authorized under this Permit, the breach of any Provision of this Permit, or any Landfill-related activity of, or omission by, Permittee or its Agents. Such actions may include, but are not limited to, the assessment and investigation of the environmental condition of the areas adversely affected (the "Affected Property"), as well as the preparation and performance of any cleanup, response, remediation, containment, operation, maintenance, monitoring or restoration work, whether on or off of the Affected Property. Permittee shall also take all actions to restore the Affected Property to a condition satisfactory to the NPS in the exercise of its Legal Discretion. (If, in the exercise of its Legal Discretion, the NPS determines that restoration work is not possible on all or part of the Affected Property, NPS may require Permittee to conduct restoration or mitigation measures of comparable value elsewhere in the Park.) Prior to conducting any of the activities described herein, Permittee shall prepare written proposals for the same which Permittee will promptly Submit to NPS for Review and Approval. Permittee shall conduct all actions contemplated by this Provision in a diligent, careful and professional manner, and if contractors are used, all contractors must be licensed and have experience in the conduct of response and restoration actions in areas containing significant natural and cultural resources or have comparable experience. Such contractors shall be subject to advance approval by NPS. Permittee shall pay all costs and expenses in connection with such investigatory and remedial activities chargeable to Permittee, including but not limited to the charges of such contractor(s), all power and utility costs, any and all taxes or fees that may be applicable to such activities, and all reasonable costs incurred by NPS in connection with the monitoring or reviewing of such

assessment, investigatory, response or restoration activities. Permittee shall promptly provide to NPS copies of testing results and reports generated in connection with the above-mentioned activities. Promptly upon completion of all activities required under this section, Permittee shall remove all associated equipment, debris, materials and the like from the Affected Property. If Permittee would like to abandon any subsurface structures in place, Permittee shall request advance approval from NPS. Any abandonment of such structures shall comply with Applicable Laws, and Permittee shall retain liability for such structures.

- i. Permittee expressly agrees to indemnify, reimburse, defend, save and hold harmless the United States, its officers, agents, authorized representatives, and employees, for and from any and all Environmental Damages. Permittee expressly acknowledges and agrees that it has an immediate and independent obligation to defend the United States from any claim which actually or potentially falls within this subsection, regardless of whether such allegation is, or may be, groundless, fraudulent or false. Such obligation to defend and indemnify shall arise at the time such claim is tendered to the Permittee by the United States and shall continue until discharged through performance or judicial determination.
- j. Each of the provisions contained in this section shall survive the expiration or earlier termination or revocation of this Permit.

**13. USE OF PESTICIDES, RODENTICIDES AND HERBICIDES:** Permittee is authorized to use pesticides, rodenticides and herbicides ("Pesticides") only under the following conditions. By December 1 of each year, Permittee shall Submit for NPS Review and Approval a description of proposed uses of Pesticides for the next calendar year, including the EPA registration number for each Pesticide, the name of the manufacturer, the approximate amount of each Pesticide to be used, and if possible, a copy of the specimen label. NPS will determine whether to approve the requested uses of Pesticides within two weeks of receipt. NPS will make approvals on a product-by-product basis and approvals may include conditions on the circumstances under which Pesticides may be used. Pesticide approvals will expire on December 31 of each year. If additional needs arise during a calendar year, Permittee will immediately inform the NPS in writing of the need to use additional Pesticides and describe the nature of the intended use. NPS will expedite its review of such requests. By February 15 of each year, Permittee will submit a report to the NPS describing the actual amount of each Pesticide used in the previous calendar year. The Permittee is prohibited from using any second-generation anticoagulant rodenticides that contain the active ingredients brodifacoum, bromadiolone, difenacoum, and difethialone.

**14. VECTOR CONTROL:** To maintain effective vector control, Permittee shall comply with the requirements of 40 C.F.R. Part 258.

**15. USE OF LCRS AND OTHER LIQUIDS:** Permittee may re-use treated extraction well water, treated under drain water, and treated LCRS liquids for on-site dust control on roads and traffic surfaces, provided that such waters and liquids meet the waste discharge requirements referenced in the Regional Water Quality Control Board Order No. R4-2009-0088. The Permittee shall not use any of these waters or liquids (treated or untreated) for any other purpose at the Landfill unless such use is Reviewed and Approved by NPS in writing. Such written approval must reference this section of the Permit.

**16. WATER QUALITY MONITORING AND CORRECTIVE ACTION PROGRAM:** Permittee shall comply with Regional Water Quality Control Board Order No. R4-2009-088. Permittee shall transmit to the NPS all quarterly, semi-annual, and annual reports transmitted to the RWQCB as part of



Permittee's compliance with terms and conditions of R4-2009-0088 and Reporting Program No. CI-4992.

**17. LEACHATE MONITORING:** Permittee shall comply with those sections of Regional Water Quality Control Board Order R4-2009-0088 (Waste Discharge Requirements and Monitoring for Calabasas Landfill) that relate to leachate monitoring.

**18. LANDFILL GAS MONITORING:** Permittee shall comply with all applicable standards and rules regarding surface gas monitoring, and with the monitoring requirements and emissions limits found in the SCAQMD Title V Facility Permit (Facility ID No. 042514). When Permittee obtains Permits to Operate or a Title V permit that replaces the Permits to Construct and Temporary Permit to Operate, Permittee shall forward copies of the new permits to the NPS. In addition, to the extent that SCAQMD rules require Permittee to maintain walking paths on the re-vegetated slopes of the landfill, Permittee shall coordinate with NPS to ensure that the placement and use of paths minimizes, to the greatest extent possible, impacts on native vegetation.

**19. OTHER MONITORING:** Permittee shall revise its Waste Screening Programs and implement such Programs to ensure that Permittee complies with Section 12 of this Permit.

**20. INFORMATION GATHERING:** Should Permittee receive a request from any state, local or federal agency seeking information about environmental conditions at the Landfill that have the potential to adversely affect human health or Park Resources, Permittee shall promptly send copies of any such request, and Permittee's response to the request, to the NPS. Similarly, if the NPS becomes concerned about any condition at the Landfill that could adversely impact human health or Park Resources, NPS will so advise Permittee in writing, and may require Permittee to provide a written response addressing NPS's concerns.

**21. MITIGATION MEASURES, ETC:** Permittee shall be responsible for conducting the mitigation measures and other requirements described in Exhibit B.

**22. HOURS OF OPERATION:** The hours during which the Landfill may receive Solid Waste are Monday through Saturday, 8:00 a.m. to 5:00 p.m.

**23. PERIMETER FENCING:** Permittee will maintain chain link fences, at least 6'-10' high, around the south and west boundaries of the Landfill, and around the northeastern slopes prior to use of those areas for waste disposal.

**24. VEHICLE ACCESS:** Permittee is only authorized to allow customer access to the Landfill via Lost Hills Road. Only a small portion of this Road is within the Park. Permittee may continue to use this road with the same level and type of use as this road is designed to accommodate. Access by the Permittee to the Landfill from the southerly and western boundaries of the Landfill is permitted for construction, maintenance or monitoring activities.

**25. CLOSURE AND POST-CLOSURE CARE:** Under 27 C.C.R. § 21780, Permittee has prepared a Preliminary Closure and Post-Closure Plan for the Landfill. Permittee currently anticipates that the Landfill will not close for several decades. Because this Permit is for no more than a five-year term, Permittee is not required to prepare final closure and post-closure plans unless Permittee decides to initiate closure during the term of this Permit. If the Permittee initiates closure activities during the term of this Permit, final closure and post-closure plans must be Submitted for NPS Review and Approval. If Permittee is required by Applicable Laws to submit an updated Preliminary Closure and

Post-Closure Plan during the term of this Permit, Permittee shall forward a copy of such plan to the NPS.

**26. SITE RESTORATION:** Permittee currently anticipates that the Landfill will not close for several decades. Because this Permit is for no more than a five-year term, site restoration requirements are not included. If the Permittee initiates closure of the Landfill during the term of this Permit, the NPS will determine whether any other site restoration requirements, in addition to those contained in Permittee's final closure and post-closure plans, are necessary to fulfill the requirements of 36 C.F.R. Part 6 or other Applicable Laws. If additional site restoration requirements are necessary, NPS will forward Permittee a written description of such requirements and an explanation of why such requirements are deemed necessary under 36 C.F.R. Part 6 or other Applicable Laws. Permittee shall undertake such requirements to the satisfaction of NPS.

**27. REVOCATION AND TERMINATION:**

- a. After giving 30 days notice, the NPS may revoke this Permit upon breach of any of the Provisions contained herein, or otherwise in the exercise of NPS's legal discretion, and Permittee expressly acknowledges the revocable character of this Permit. As a condition of the granting of this Permit, Permittee expressly acknowledges that NPS shall not be liable for any costs, expenses, damages, claims, or the like caused by or arising out of the termination, expiration, or revocation of this Permit.
- b. NPS may, in its discretion, provide Permittee with an opportunity to cure any breach prior to revoking this Permit. If such notice is provided, the NPS may, in its discretion, require payment by the Permittee of a penalty of up to \$500.00 per day for each instance of non-compliance until the non-compliance is remedied, as determined by NPS.
- c. Permittee may not terminate this Permit.

**28. COSTS:**

- a. This Permit is granted upon the express understanding that the activities authorized hereunder shall be without cost or expense to the NPS.
- b. To cover NPS's costs associated with activities related to this Permit, Permittee shall pay, on a quarterly basis, NPS's actual costs. All billings shall include sufficient information to substantiate the costs. It is contemplated that such costs shall not exceed \$6,000.00 per year. If NPS's costs exceed or are likely to exceed that figure, the parties shall meet to resolve any issues associated with such excess costs.
- c. Nothing in this Permit shall relieve the Permittee of any obligations related to Environmental Damages as specified in Section 11 of this Permit, or affect the ability of the NPS to recover or obtain from Permittee or its Agents costs or any other form of legal or equitable relief to which NPS is entitled.
- d. If Permittee's activities under this Permit require additional environmental compliance documents pursuant to the National Environmental Policy Act, National Historic Preservation Act, Endangered Species Act, or similar laws, the Permittee shall be solely responsible for all costs and expenses associated with the preparation and completion of such compliance documents. If NPS prepares or reviews such documents for Permittee, Permittee shall supply

all necessary information to NPS in a timely manner and fully reimburse NPS for all reasonable costs and expenses incurred by NPS.

**29. FINANCIAL ASSURANCE:** Under 36 C.F.R. § 6.10, the NPS will not require a bond or security deposit for a solid waste disposal site whose owner or operator is a state entity whose debts and liabilities are those of a state. The operator of the Landfill is the County Sanitation District Number 2 of Los Angeles County, otherwise referred to in this Permit as the Permittee. The Permittee qualifies as a special district under the California County Sanitation District Act. The County of Los Angeles is the owner of the Landfill, and the County is a subdivision of the State of California. The Permittee is responsible for all activities of the Landfill through closure; the County of Los Angeles is responsible for all post-closure activities. Further, the Permittee has established a Trust Fund pursuant to Trust Agreement No. 94414440. Cal Recycle has determined that the Permittee's trust fund meets the requirements of 27 C.C.R. § 22240. The monies in this fund are dedicated exclusively to financing closure and post closure care for the Landfill. The requirements in 27 C.C.R. are at least as strict as those contained in 40 C.F.R. Part 258. Therefore, no bond or security deposit will be required. Every year, Cal Recycle prepares a yearly review of the adequacy of the Landfill's trust fund. During the term of this Permit, Permittee shall send NPS a copy of this review within 30 days of its issuance by Cal Recycle.

**30. INSURANCE:**

- a. Permittee has obtained the following insurance policies, which NPS deems satisfactory for this Permit:
  - (i) Comprehensive General Liability Insurance currently with a self-insured retention of \$1,000,000 and Automobile Liability Insurance, in an amount appropriate to the type and level of operations conducted at the Landfill.
  - (ii) Fire, Burglary, Extended Coverage Vandalism and Malicious Mischief for replacement costs of buildings and their contents.
  - (iii) Worker's Compensation coverage in the amount required by Applicable Law.
  - (iv) The Landfill is currently self-insured for Environmental Liability, but may purchase this type of insurance in the future in an amount appropriate to the type and level of operations conducted at the Landfill. For each year, or part thereof, during which the Landfill is self-insured for Environmental Liability, the Landfill shall provide to the NPS copies of the Landfill's annual financial statements.
- b. Permittee shall notify NPS prior to making any changes in these insurance policies and any changes in such policies must be appropriate to the type and level of operations conducted at the Landfill.
- c. All insurance policies required under this Permit shall specify that the insurance company(ies) shall have no right of subrogation against the United States and shall provide that the United States is named as an additional insured. Permittee shall provide the NPS with thirty (30) days' written notice prior to cancellation, reduction in coverage or non-renewal of such coverage by the issuing insurance company(ies).

### **31. NPS NON-LIABILITY, INDEMNIFICATION:**

- a. The United States assumes no liability for any damage to or destruction of the Park, real property owned by the Permittee, or personal property owned or managed by the Permittee or its Agents, nor for personal injuries or death arising out of or incident to any activity authorized under this Permit, the breach of any Provision of this Permit, or any Landfill-related activity of, or omission by, Permittee or its Agents.
- b. The Permittee agrees to indemnify, reimburse, defend, save and hold harmless the United States, its officers, agents, authorized representatives, and employees, for and from any and all liability, claims, demands, damages, injuries, losses, penalties, fines, costs, liabilities, causes of action, judgments, expenses and the like for any loss or destruction of, or damage to, any property or for the death of or injury to persons, of any nature whatsoever, which arises out of or is incident to any activity by Permittee or its Agents that is authorized under this Permit, the breach of any Provision of this Permit, or any Landfill-related activity of, or omission by, Permittee or its Agents, whether or not the same shall be occasioned by the negligence or lack of diligence of the Permittee or its Agents. Permittee expressly acknowledges and agrees that it has an immediate and independent obligation to defend the United States from any claim which actually or potentially falls within this subsection, regardless of whether such allegation is, or may be, groundless, fraudulent or false. Such obligation to defend and indemnify shall arise at the time such claim is tendered to the Permittee by the United States and shall continue until discharged through performance or judicial determination.
- c. The NPS agrees to cooperate, to the extent allowed by law, in the submission of claims under the Federal Tort Claims Act against the United States for personal injuries or property damage resulting from the wrongful or negligent act or omission of any employee of the United States while acting within the scope of his/her employment and resulting from the NPS's performance of any obligation under this Permit.

**32. NO TRANSFER OR ASSIGNMENT:** NPS is issuing this Permit in reliance on the particular and unique skills and reputation of the County Sanitation District No. 2 of Los Angeles County, and NPS would not issue this Permit except for such particular and unique skills and reputation. Therefore, the parties expressly agree that this Permit is personal to the Permittee and that Permittee is prohibited from transferring or assigning any part of this Permit.

**33. NO RIGHT OF RENEWAL:** This Permit provides no automatic right of renewal and no right to claim benefits under the Uniform Relocation Assistance and Real Property Acquisition Policies Act. Six months prior to the expiration of this Permit, Permittee shall request a permit renewal in writing. NPS shall complete its review of the permit renewal request in a timely fashion.

**34. PERIODIC MEETINGS:** The Permittee shall meet with NPS upon request while this Permit is in effect to provide updates on the activities authorized by this Permit and to resolve any issues which may arise.

**35. AMENDMENT AND EXTENSIONS OF TIME:** This Permit may not be amended except as approved in writing by both Parties. The NPS may, in its discretion, grant an extension of time for Permittee to achieve compliance with any of the Provisions herein.

**36. EMERGENCIES:** In the case of emergency, the Permittee shall immediately telephone the Los Angeles County Fire Department or other appropriate agency. The Permittee shall notify the NPS as soon as possible of any emergency that has the potential to adversely affect Park Resources. In

the case of an emergency, NPS staff shall have the right to immediately enter upon the Permitted Premises by any means necessary and to take any action necessary to protect the Park.

**37. SURVIVABILITY OF CERTAIN PROVISIONS:** The Provisions of this Permit concerning or relating to indemnification shall survive the termination, expiration or revocation of this Permit. The Provisions of this Permit concerning or relating to liability for damages to Park Resources; restoration of Park Resources; and the remediation of any release, discharge or disposal (or threatened release, discharge or disposal) of Hazardous Materials shall remain in effect until all of the Permittee's obligations under this Permit have been satisfied.

**38. FALSE INFORMATION:** Permittee shall comply with the provisions of 36 C.F.R. § 2.32, including that section's requirements regarding false information and interference. Failure to comply may be considered a breach of this Permit and may be grounds for revocation.

**39. CONFLICT OF INTEREST:** Neither members of nor delegates to Congress or Resident Commissioners shall be admitted to any share or part of this Permit or to any benefit that may arise therefrom. Provided, however, that nothing herein contained shall be construed to extend to any incorporated company if the Permit be for the benefit of such corporation.

**40. NON-DISCRIMINATION:** To the extent required under Applicable Law, Permittee shall comply with the requirements of: (a) Title VII of the Civil Rights Act of 1964 (as amended), as well as Executive Order No. 11246 of September 24, 1965 (as amended), which forbids discrimination in employment by government contractors; (b) Title V, Sections 503 and 504 of the Rehabilitation Act of September 26, 1973, P.L. 93-112 (as amended), which prohibits discrimination on the basis of disability and requires government contractors and subcontractors to take affirmative action to employ and advance in employment qualified handicapped individuals; (c) the Age Discrimination in Employment Act of December 15, 1967 (as amended); (d) the Americans With Disabilities Act, 42 U.S.C. Sections 12101 et seq.; and (f) all other Applicable Laws relating to non-discrimination in employment.

**41. ANTI-DEFICIENCY ACT:** Nothing in this Permit shall be construed as requiring the NPS to expend, in any fiscal year, any sum in excess of the appropriation made by Congress for that fiscal year in furtherance of the subject matter of this Permit, or to involve NPS in any contract or other obligation for the future expenditure of money in excess of such appropriations.

**42. GOVERNING LAW AND CONSTRUCTION OF TERMS:** The laws of the United States shall govern the validity, construction and effect of this Permit. The language in all parts of this Permit shall in all cases be construed as a whole in accordance with the legal authorities under which this Permit is granted. The rule of construction that any ambiguities are to be resolved against the drafting party shall not be employed or applied in the interpretation of this Permit.

**43. WAIVER:** The waiver of any breach of any Provision of this Permit, whether such waiver be express or implied, shall not be construed to be a continuing waiver or a waiver of, or consent to, any subsequent or prior breach of the same or any other Provision of this Permit.

**44. COPIES OF REPORTS AND RECORDS:**

- a. Upon reasonable prior notice and during normal business hours, the Permittee shall provide NPS access to all records relating to this Permit. Copies of all data, surveys, and tests obtained or made by the Permittee in the Park shall be provided to NPS upon request therefor.

- b. Permittee shall, upon request, furnish NPS with a true and correct copy of any of Permittee's contracts with any contractors, architects, or other consultants engaged in connection with this Permit.

**45. REPRESENTATIVES AND CORRESPONDENCE:**

- a. NPS's representative is:  
 Superintendent  
 Santa Monica Mountains National Recreation Area  
 401 West Hillcrest Drive  
 Thousand Oaks, California 91360-4223  
 Phone: (805) 370-2344  
 Fax: (805) 370-1850
- b. The Permittee's representative is:  
 Grace Robinson Chan, Chief Engineer and General Manager  
 Sanitation Districts of Los Angeles County  
 1955 Workman Mill Road  
 Whittier, California 90607-4998  
 Phone: (562) 699-7411  
 Fax: (562) 695-6139
- c. All correspondence and notices to be given pursuant to this Permit shall be addressed to the representatives listed above.

**46. ENTIRE AGREEMENT:** Each of the exhibits and approved plans referenced in this Permit shall be considered incorporated herein by reference. This instrument, together with the exhibits and plans attached to or incorporated herein by reference, constitutes the entire agreement between the NPS and Permittee with respect to the subject matter of this Permit and supersedes all prior offers and negotiations, oral and written.

The undersigned Permittee hereby accepts this Permit subject to all of the Provisions herein.

PERMITTEE:

Grace R. Chan  
 Chief Engineer and General Manager  
 County Sanitation Districts of Los Angeles  
 County

11/12/13  
 Date

AUTHORIZING NPS OFFICIAL:

Christy Zeller  
 Regional Director  
 Pacific West Region

11/14/13  
 Date



Exhibit A: Calabasas Landfill Area



Calabasas Landfill Vicinity Map

Santa Monica Mountains  
 National Recreation Area Boundary

0 3,000  
 Feet

National Park Service  
 Mountain Recreation Conservation Authority  
 Santa Monica Mountains Conservancy  
 City of Calabasas Parkland  
 Trails/Unpaved Roads

**EXHIBIT B TO SPECIAL USE PERMIT  
SITE-SPECIFIC MITIGATION MEASURES AND OTHER REQUIREMENTS**

- (1) **NATIVE PLANT RESTORATION PROGRAM:** The native replanting of the western facing refuse slopes appear to be surviving without maintenance intervention. NPS and Permittee shall meet one time on site during the final year of this Special Use Permit to evaluate continued success of the native replanting and to review the pathways established for gas monitoring access. Based on the evaluation, additional guidance may be developed for inclusion in any future Special Use Permit.
- (2) **LITTER REMOVAL:** The Permittee shall continue to implement the litter control protocol previously submitted to and approved by the NPS. This protocol requires the Permittee to patrol areas immediately adjacent to the Landfill property at least twice a month to remove litter and to have personnel available at all times during landfill operating hours to respond to unusual litter situations (e.g., during and immediately following Santa Ana wind conditions).
- (3) **ARCHAEOLOGICAL RESOURCES:** The Permittee shall continue to implement the program previously submitted to and approved by the NPS to identify and evaluate archaeological resources that may be found on the Landfill site. The existing and approved program requires the Permittee to retain a consulting archaeologist, meeting the standards of the Secretary of the Interior, on an as-needed basis to evaluate all archaeological resources found during Landfill operations. The NPS shall assist the consulting archaeologist in coordinating Native American Indian consultation as required. All detected archaeological resources shall be donated to the NPS or to a qualified, local institution for curation, study and display.
- (4) **PALEONTOLOGICAL RESOURCES:** All paleontological resources detected during Landfill operations shall be evaluated by a qualified consulting paleontologist, approved by NPS. Permittee shall notify NPS of the discovery of any paleontological resources on the site within 72 hours. Within 60 days of the discovery, Permittee shall provide NPS with a report assessing the scientific significance of the resource. This report will be prepared by the Permittee's consultant or by the Los Angeles County Museum of Natural History. For all paleontological resources removed from the site and curated with the Los Angeles County Museum of Natural History or another institution, Permittee will provide NPS with a copy of the catalog record for NPS's museum collections database.
- (5) **MEMORANDUM OF UNDERSTANDING (MOU) AMONG NPS, PERMITTEE AND LOS ANGELES COUNTY:** The Permittee shall exert its best efforts to negotiate a Memorandum of Understanding ("MOU") among the NPS, the Permittee and the County of Los Angeles regarding cooperative planning for future use of the 505-acre Calabasas Landfill site after closure. The objective of the MOU shall be to ensure that the site is used in a manner compatible with the goals of the Park and the County of Los Angeles. This cooperative planning effort shall emphasize, among other things, the needs of the local community together with the restoration and preservation of native wildlife habitat values and habitat connectivity with adjacent open space lands. Ultimate use of the site shall be determined only after consultation with the surrounding cities. Should Permittee initiate closure of the



landfill within the five-year permit cycle, Permittee shall initiate cooperation with NPS to develop the post-closure land use plan and to finalize the draft MOU prepared by Sanitation Districts in 2000 and reviewed at that time by NPS.

- (6) **RESEARCH FUNDING:** Because remaining wildlife habitat linkages in and around the Park are increasingly constrained by development activities, including Landfill operations, ongoing monitoring is necessary to quickly identify population status and trends, and to develop management actions necessary to protect wildlife. To this end, the Permittee shall provide to the NPS \$49,000 annually over the life of the SUP to support scientific programs and resources management related to identifying, protecting and restoring wildlife populations and habitat connectivity in the Santa Monica Mountains and the Simi Hills. (At the option of the NPS, and subject to agreement by the Permittee, services may be requested of the Permittee, the value of which shall be credited to the annual installment). Specific monitoring efforts shall be primarily directed toward large mammals, particularly large carnivores, which are most sensitive to habitat fragmentation and development encroachment.

The first annual installment shall be available to the NPS no later than three months from the effective date of the Permit and annually on that date thereafter. At the end of each calendar year, the NPS shall provide a report to the Permittee on the use of that year's funds.

- (8) **GRADING PLANS:** The Permittee has now received Los Angeles County approval of alternative final grading concept plan(s) for any as yet unfilled areas of the Landfill, including portions of the northeast ridgeline that require regrading, consistent with the goals and policies of the *Ventura Freeway Corridor Areawide Plan* and *Santa Monica Mountains North Area Plan*. The Permittee has ensured that these alternative grading concept plans are designed to reduce the visual impact of the Landfill through the re-creation of hillside elevations and contours (after excavation and fill activities have been completed) that more closely resemble the natural topographic features of the area, while accommodating the current permitted capacity of the Landfill. During the next five years, the Permittee shall exert its best efforts to modify the Solid Waste Facility Permit (SWFP) for the purposes of implementing the alternative grading plan. If the modification to the SWFP is allowed by the Local Enforcement Agency, the California Department of Resources Recycling and Recovery, and the California Regional Water Quality Control Board, the Permittee shall submit the plan implementation schedule for NPS review and approval within six months of the issuance of the approvals from the above agencies.
- (9) **GAS-TO-ENERGY FACILITY:** Permittee shall assure that Landfill operations, which include the Gas-to-Energy Facility, will not be allowed to cause an increase in noise levels at the adjusted Morrison Ranch receptor site located 1,300 feet northwest of the Gas-to-Energy Facility above those levels stated in the EA without additional environmental analysis as appropriate.

# ATTACHMENT D

County Land Use Permits

(This page is intentionally left blank.)

O. K. CHRISTENSON  
DIRECTOR OF PLANNING  
FREDERICK J. BARLOW  
DEPUTY DIRECTOR  
HART T. IRVINE  
DEPUTY DIRECTOR  
JOSEPH K. KENNEDY  
DEPUTY DIRECTOR

# COUNTY OF LOS ANGELES

## THE REGIONAL PLANNING COMMISSION

320 WEST TEMPLE STREET  
LOS ANGELES, CALIFORNIA 90012  
TELEPHONE 628-9211

COMMISSIONERS  
ARTHUR J. BAUM  
CHAIRMAN  
OWEN H. LEWIS  
VICE-CHAIRMAN  
MRS. L. S. BACA  
HOWARD D. MARTIN  
ALFRED E. PAONESSA  
IRMA RUTHER  
SECRETARY TO THE COMMISSION

August 9, 1972

Certified - Return  
Requested

County Sanitation District No. 2  
of Los Angeles County  
Mr. John D. Parkhurst, Chief Engineer  
2020 West Beverly Boulevard  
Los Angeles, California 90057

Attention: Mr. Frank R. Dair

Gentlemen:

Re: Conditional Use Permit Case No. 5022-(5)  
To expand a refuse landfill operation with addition of 36.3  
acres located one mile northerly of the intersection of  
Ventura Freeway and Lost Hills Road  
The Malibu Zoned District, Zone R-1-10,000

The Regional Planning Commission, by its action of August 8,  
1972, granted the above-described permit. Documents pertain-  
ing to this grant are enclosed.

Your attention is called to the following:

1. Condition No. 1, requiring acceptance by the owner of all conditions of this permit;
2. Condition No. 4, pointing out limitations of this grant;
3. That during the fifteen-day period following your receipt of this letter, the decision may be appealed to the Board of Supervisors. This grant will not become effective until and unless this period has passed without an appeal.

Very truly yours,

THE REGIONAL PLANNING COMMISSION

*O. K. Christenson*  
O. K. Christenson, Director of Planning

RS:ml

Enclosures

cc: Building & Safety; Board of Supervisors; Zoning Enforcement  
Air Pollution Control District; Fire Department; Design Div.

PARKHURST	DE PALMA
GARRISON	DAIR
ROSTER	QUINER
POSTHUMUS	MEYER
HANG	SAN JES
DRYDEN	CLARKE
FEEN	HECK
KENNEDY	LA MARTIN
CONNOR	WAGSTON
CARRY	RENNER

1972 AUG 15 PM 10 25  
COUNTY SANITATION DISTRICTS  
COUNTY ENGINEER'S OFFICE

DOC#  
245905

*Only 4 for 100,000 Cal. State*

1000000000

1. This permit shall not be effective for any purpose until a duly authorized representative of the owner of the property involved has filed at the office of said Regional Planning Commission his affidavit stating that he is aware of, and accepts, all the conditions of this permit;
2. It is hereby declared to be the intent that if any provision of this permit is held or declared to be invalid, the permit shall be void and the privileges granted hereunder shall lapse;
3. It is further declared and made a condition of this permit that if any condition hereof is violated, or if any law, statute, or ordinance is violated, the permit shall be suspended and the privileges granted hereunder shall lapse; provided that the applicant has been given written notice to cease such violation and has failed to do so for a period of thirty (30) days;
4. That all requirements of the Zoning Ordinance and of the specific zoning of subject property must be complied with unless set forth in the permit or shown on the approved plot plan;
5. That the property shall be developed and maintained in substantial conformance with the plot plan on file marked Exhibit "A";
6. That applicant shall secure any necessary permits from the Air Pollution Control District;
7. That the northerly portion of the property, as shown on the plot plan marked Exhibit "A" not be used for either cut or fill purposes;
8. That where this subject property does not share a common boundary with other Sanitation District No. 2 property, signs with letters not less than 2 inches high shall be posted and maintained not less than 300 feet apart stating: "Waste Disposal Facility".

EDF:lo  
7-24-72

The Regional Planning Commission of the County of Los Angeles, under the provisions of the Zoning Ordinance (Ordinance 1494) grants a conditional use permit to enable the property shown on the attached legal description to be used to expand an existing refuse and waste landfill operation, upon the same conditions as the permit for the other portion of the landfill and subject to the attached conditions numbered 1 through 8, and:

9. That applicant comply with requirements of the Los Angeles County Fire Department for such operations;
10. That applicant comply with requirements of the Design Division, Department of County Engineer;
11. That acceptance of these conditions will constitute "use" of this permit;
12. That access to this segment of the landfill operation be taken only through the existing landfill.

This permit shall be null and void unless it is used (by acceptance of the conditions) prior to August 8, 1973. Upon written request stating reasons why additional time to commence is needed, the Commission may grant a one-year time extension. Said request must be received prior to August 8, 1973.

The foregoing is the decision of The Regional Planning Commission on August 8, 1972.

THE REGIONAL PLANNING COMMISSION

*O. K. Christenson*

O. K. Christenson, Director of Planning

RS:ml

cc: Building & Safety; Board of Supervisors  
Air Pollution Control

SEARCHED	INDEXED
SERIALIZED	FILED
AUG 10 1972	
FBI - LOS ANGELES	

LEGAL DESCRIPTION  
(36.30-Acre Parcel at Calabasas Landfill)

That portion of the southeast quarter of the northeast quarter of Section 24, Township 1 North, Range 18 West, S.B.B.M., and the southwest quarter of the northwest quarter of Section 19, Township 1 North, Range 17 West, S.B.B.M., lying southerly of the following described line:

Beginning at a point South  $0^{\circ}03'30''$  East, a distance of 50.48 feet from the northeast corner of southwest quarter of northeast quarter of Section 24, Township 1 North, Range 18 West, S.B.B.M.; thence South  $61^{\circ}50'36''$  East a distance of 2405.43 feet; thence South  $75^{\circ}31'27''$  East a distance of 249.17 feet; thence South  $75^{\circ}18'05''$  East a distance of 380.92 feet more or less to a point on the northerly line of southwest quarter of Section 19.

Containing approximately 36.30 acres.

Please sign this form and return to: The Regional Planning Commission, 320 W. Temple Street, Los Angeles, Calif. 90012

ACCEPTANCE FORM

STATE OF CALIFORNIA     )  
COUNTY OF LOS ANGELES ) SS

CONDITIONAL USE PERMIT CASE NO. 5022-(5)

I, the undersigned, state:

I am ~~xxxxxxx~~ the duly authorized representative of the  
~~xxxxxx~~  
owner of the real property described in the above-numbered  
conditional use permit case.

I am aware of, and accept, all the stated conditions in said  
~~xxxxxx~~  
Conditional Use Permit Case No. 5022-(5)

Executed this 23rd day of August, 1972.

I ~~wa~~ certify (or declare) under the penalty of perjury that the  
foregoing is true and correct.

  
\_\_\_\_\_  
JOHN D. PARKHURST

Chief Engineer and General Manager  
\_\_\_\_\_

County Sanitation District No. 2 of Los Angeles Count



MILTON BREIVOGEL  
DIRECTOR OF PLANNING  
O. K. CHRISTENSON  
CHIEF DEPUTY DIRECTOR

COUNTY OF LOS ANGELES  
THE REGIONAL PLANNING COMMISSION  
320 WEST TEMPLE STREET  
LOS ANGELES, CALIFORNIA 90012  
TELEPHONE 628-9211

COMMISSIONERS  
MRS. L. S. BACA  
CHAIRMAN  
LOUIS KANASTER  
VICE-CHAIRMAN  
ALSON E. ABERNETHY  
ARTHUR J. BAUM  
OWEN H. LEWIS  
IRMA RUTHER  
SECRETARY TO THE COMMISSION

June 20, 1967

County Sanitation District No. 2  
of Los Angeles County  
2020 Beverly Boulevard  
Los Angeles, California 90057

Certified-Return  
Requested

Attn: Mr. John D. Parkhurst

Gentlemen:

Subject: Zone Exception Case No. 8477-(5)  
Expand refuse landfill operation  
The Malibu Zoned District

The documents pertaining to subject case, granted by The Regional Planning Commission on June 20, 1967, are enclosed. This exception is for property located approximately 1 mile northwesterly of the intersection of Ventura Freeway and Lost Hills Road, in The Malibu Zoned District.

Your attention is called to the following:

1. Condition No. 8 requires acceptance by the owner of all conditions of this exception;
2. That setback requirements of the Zoning Ordinance and of the A-2-1 Zone must be complied with unless specifically set forth in the exception, or shown on the approved plot plan;
3. That during the fifteen-day period following your receipt of this letter, this decision may be appealed to the Board of Supervisors by written communication and deposit of the amount necessary to cover the cost of preparing a transcript of the public hearing. Caution should be exercised in making any expenditures under the exception during this period.

Very truly yours,

THE REGIONAL PLANNING COMMISSION  
Milton Breivogel, Director of Planning

*O.K. Christenson*  
O. K. Christenson, Chief Deputy Director

DMF:gr

Enclosures

cc: Building & Safety; Clerk of the Board; Zoning Enforcement  
- Frank R. Dair, 2020 Beverly Blvd., Los Angeles, Calif.  
County Industrial Waste Division; Fire Department; Design Division  
Health Department


ZONE EXCEPTION NO. 8477-(5)

The Regional Planning Commission of the County of Los Angeles EXCEPTS the property shown on the attached legal description from the provisions of Ordinance 1494, but only insofar as this exception is necessary to expand a refuse landfill operation, subject to the attached conditions numbered 1 through 10.

This exception shall be null and void unless used prior to June 20, 1968.

The foregoing is the decision of The Regional Planning Commission on June 20, 1967.

THE REGIONAL PLANNING COMMISSION  
Milton Breivogel, Director of Planning



O. K. Christenson, Chief Deputy Director

DMF:gr

Legal Description of 80-Acre  
Addition to Calabasas Landfill

Parcel 1:

The southwest quarter of the northeast quarter of Section 24, Township 1 North, Range 18 West, San Bernardino meridian, in the County of Los Angeles, State of California, according to the official plat of said land filed in the District Land Office, April 4, 1900.

Parcel 2:

Lot 2 of the northwest quarter of Section 24, Township 1 North, Range 18 West, San Bernardino meridian, in the County of Los Angeles, State of California, according to the official plat of said land filed in the District Land Office, April 4, 1900.

1000

EXCEPTION CASE NO. 8477-(5)

CONDITIONS:

1. That the property be developed substantially in accordance with the plot plan submitted and marked Exhibit "A";
2. That the applicant shall obtain an industrial waste permit from the Industrial Waste Division of the Department of County Engineer, and such permit shall be maintained in full force and effect during the life of the operation;
3. That fencing be provided in accordance with the requirements of the industrial waste permit;
4. That the applicant comply with the safety requirements in connection with the operation of fill and cover dumps in watershed areas as required by the Los Angeles County Fire Department;
5. That provision be made for all natural drainage to the satisfaction of the County Engineer;
6. That all open burning is prohibited;
7. That limited amounts of garbage may be received when mixed with refuse, provided that no load shall contain more than five (5) per cent garbage by volume or two (2) per cent by weight. Operation conditions to control and enforce this condition will be determined by the County Engineer and County Health Officer and made a part of the industrial waste permit;
8. That this exception shall not be effective for any purpose until the representative of the owner of the property involved has filed at the office of the Regional Planning Commission his affidavit stating that he is aware of, and accepts, all the conditions of this exception;
9. It is hereby declared to be the intent that if any provision of this exception is held or declared to be invalid, the exception shall be void and the privileges granted hereunder shall lapse;
10. It is further declared and made a condition of this exception that if any condition hereof is violated, or if any other law, statute, or ordinance is violated, the permit shall be suspended and the privileges granted hereunder shall lapse; provided that the applicant has been given written notice to cease such violation and has failed to do so for a period of thirty (30) days.

DMF:DRV:cjb

**COMMISSIONERS**

**MRS. L. S. BACA**  
**CHAIRMAN**

**LOUIS KANASTER**  
**VICE-CHAIRMAN**

**ALBON E. ABERNETHY**  
**ARTHUR J. BAUM**  
**OWEN H. LEWIS**

**IRMA RUTHER**  
**SECRETARY TO THE COMMISSION**

**August 28, 1967**

County Sanitation District of  
Los Angeles County  
2020 Beverly Boulevard  
Los Angeles, California 90057

Attn: Mr. Lester A. Haug

**Gentlemen:**

**Subject: Zone Exception Case No. 8477-(5)  
Calabazas Landfill Expansion**

We are advised by the County Counsel that pursuant to the letter from the County Engineer dated June 29, 1967, waiving an industrial waste permit, we will not require compliance with Conditions No. 2 and No. 7 of Zone Exception Case No. 8477-(5).

Very truly yours,

**THE REGIONAL PLANNING COMMISSION**  
**Milton Breivogel, Director of Planning**

O. K. Christenson, Chief Deputy Director

OKC:DMF:cjb

[illegible]

Please have this form signed and notarized, and return to the  
Regional Planning Commission, 320 West Temple Street, Los Angeles 12

ACCEPTANCE FORM

STATE OF CALIFORNIA ) ss  
COUNTY OF LOS ANGELES)

ZONE EXCEPTION CASE NO. 8477-(5)

John D. Parkhurst, being  
first duly sworn, deposes and says:

I am ~~not~~ the (duly authorized representative of the) owner (x)  
of the property described in the above-noted zone exception  
case.

I am (~~not~~) aware of, and accept, all of the conditions in  
the said Zone Exception Case No. 8477-(5) except conditions #2 and  
#7 waived per your letter of 8/28/67.

Chief Engineer and General Manager

County Sanitation District No. 2 of Los Angeles County

Subscribed and sworn to before me  
this \_\_\_\_\_ day of \_\_\_\_\_, 196\_\_  
Notary Public in and for the County  
of Los Angeles, State of California

My Commission expires \_\_\_\_\_

MILTON BREIVOGEL  
DIRECTOR OF PLANNING  
M. GEBHART  
CHIEF DEPUTY DIRECTOR

COUNTY OF LOS ANGELES  
THE REGIONAL PLANNING COMMISSION

320 WEST TEMPLE STREET  
LOS ANGELES 12, CALIFORNIA  
MADISON 8-9211

October 31, 1962

COMMISSIONERS  
ARTHUR J. BAUM  
CHAIRMAN  
MRS. L. S. BACA  
VICE-CHAIRMAN  
ALSON E. ABERNETHY  
ZELL F. HANSHON  
LOUIS KANASTER

Certified Mail -  
Return Receipt Requested

County Sanitation District No. 2 of  
Los Angeles County  
2020 Beverly Boulevard  
Los Angeles 57, California

Attention: Mr. John D. Parkhurst,  
Chief Engineer & General Manager

Gentlemen:

Subject: Zone Exception Case No. 6483-(5)  
House trailer for watchman on site  
of land-filling project  
The Malibu District (Agoura-Calabasas Area)

The zone exception granted by the Regional Planning Commission at its meeting on October 30, 1962, in the above numbered case is enclosed. This exception is for property located at 26919 West Ventura Boulevard in the Malibu District (Agoura-Calabasas Area).

Your attention is called to the following:

1. Paragraph 3 of the decision relating to acceptance of the conditions of the exception.
2. That all setback and other requirements of the A-2-1 Zone, in which this property is located, must be complied with unless specifically set forth and itemized in the exception.
3. That there is a period of fifteen days following your receipt of this letter during which this decision may be appealed to the Board of Supervisors by a written communication and deposit of the amount necessary to cover the cost of preparing a transcript of the proceedings before the Regional Planning Commission. Caution should be exercised in making any expenditures under the exception during this period.

Very truly yours,

THE REGIONAL PLANNING COMMISSION  
Milton Breivogel, Director of Planning

Fred Gebhart, Chief Deputy Director

DMF:cs

Encs.: Zone Exception Case No. 6483-(5)  
Building & Safety Division Chf Clk Bd of Spvrs  
c.c. - Mr. Stanley Davidson  
County Sanitation District No. 2  
2020 Beverly Boulevard  
Los Angeles 57, California

my copy only  
Stan D.

IRMA RUTHER  
SECRETARY TO THE COMMISSION

<input checked="" type="checkbox"/>	PARKHURST
<input checked="" type="checkbox"/>	POWERMAN
<input checked="" type="checkbox"/>	POSTER
<input checked="" type="checkbox"/>	GARRISON
<input checked="" type="checkbox"/>	HAUG
<input checked="" type="checkbox"/>	POSTHUMUS
<input checked="" type="checkbox"/>	BENNETT
<input checked="" type="checkbox"/>	GREGG
<input checked="" type="checkbox"/>	SANDERS
<input checked="" type="checkbox"/>	SUNDEIN
<input checked="" type="checkbox"/>	DIYUEN
<input checked="" type="checkbox"/>	DAIR
<input checked="" type="checkbox"/>	FULLER
<input checked="" type="checkbox"/>	DIEMER
<input checked="" type="checkbox"/>	FARRELL

**ZONE EXCEPTION CASE NO. 6483-(5)**

The Regional Planning Commission of the County of Los Angeles excepts the following described property:

The South 1/2 of the Southeast 1/4 of the Southeast 1/4 of Fraction Section 24, Township 1 North, Range 17 West, S.B.B. & M.,

from the provisions of Ordinance No. 1494, the Zoning Ordinance of the County of Los Angeles, but only insofar as such exception is necessary to permit the use of said property to maintain a house trailer for the purpose of housing a watchman during the current land filling project, subject to the following conditions:

1. That the trailer be maintained substantially at the location shown on the plot plan marked Exhibit "A";

2. That said exception shall be limited to the period of time it takes to fill this land reclamation area;

3. That this Zone Exception shall not be effective for any purpose until an authorized representative of this County Sanitation District has filed at the office of the said Regional Planning Commission an affidavit stating that he is aware of and accepts, for the District, all the conditions of this Zone Exception Case;

4. It is hereby declared to be the intent that if any provision of this Zone Exception Case is held or declared to be invalid the Exception shall be void and the privileges granted hereunder shall lapse;

5. It is further declared and made a condition of this Zone Exception that if any condition hereof is violated or if any other law, statute or ordinance is violated the Exception shall be suspended and the privileges granted hereunder shall lapse provided that the applicant has been given written notice to cease such violation and has failed to do so for a period of 30 days.

This exception shall become null and void unless it is used prior to October 30, 1963.

The foregoing is the decision rendered by the Regional Planning Commission on October 30, 1962.

THE REGIONAL PLANNING COMMISSION  
Milton Bravogel, Director of Planning

  
Fred M. Gebhart, Chief Deputy Director

DMF:cs





ROBERT B. HEUER  
DIRECTOR

COUNTY OF LOS ANGELES  
DEPARTMENT OF REAL ESTATE MANAGEMENT  
780 HALL OF ADMINISTRATION  
LOS ANGELES 12, CALIFORNIA  
MADISON 8-3611

MAY - 6 1961

April 17, 1961

Honorable Board of Supervisors  
County of Los Angeles

Gentlemen:

Subject: RECOMMENDATION TO ACCEPT CONDITIONS  
AND EXECUTE ACCEPTANCE FORM - ZONE  
EXCEPTION CASE NO. 3349 - CALABASAS-  
VENTURA BOULEVARD REFUSE DISPOSAL SITE  
- FIFTH SUPERVISORIAL DISTRICT

On June 24, 1958, the Regional Planning Commission approved Zone Exception Case No. 3349 which provided that the County of Los Angeles could, under Zone Exception, operate the above-named refuse disposal site on 299.83 acres of land located approximately one and one-half (1 1/2) miles west of the intersection of Las Virgenes Road and Ventura Boulevard in the Malibu Zoned District. On July 14, 1959, the Regional Planning Commission extended said Zone Exception one year. Due to the fact that the refuse disposal operation did not commence within the one-year extension period, said Exception automatically expired.

On September 12, 1960, the Department of Real Estate Management submitted a new request to the Regional Planning Commission in order for the County of Los Angeles to use the subject acreage for the Calabasas-Ventura Boulevard Refuse Disposal Site. Subsequent to this, on October 4, 1960, the Regional Planning Commission approved the use of the subject property for a cut-and-cover rubbish disposal site subject to the original conditions imposed by the Zone Exception Case No. 3349 dated June 24, 1958.

APPROVED BY  
BOARD OF SUPERVISORS

APR 25 1961

Gordon T. Nesvig  
Clerk of the Board

Recently, the Regional Planning Commission requested that all conditions to which the latter use approval is subject be accepted by the Los Angeles County Board of Supervisors and the attached Acceptance Form be executed by the Chairman of said Board.

The conditions that the County shall agree to by acceptance of subject Zone Exception are as follows:

- ↓ 1. That the property be developed substantially in accordance with the plot plan submitted and marked "Exhibit A" including the screen planting shown thereon;
- ↓ 2. That the applicant shall obtain an industrial waste permit from the Industrial Waste Division of the Department of County Engineer, and such permit shall be maintained in full force and effect during the life of the operation;
- ↓ 3. That fencing be provided in accordance with the requirements of the industrial waste permit;
- ↓ 4. That the applicant comply with the safety requirements in connection with the operation of fill and cover dumps in watershed areas as required by the Los Angeles County Fire Department;
- ↓ 5. That provision be made for all natural drainage to the satisfaction of the County Engineer;
- ↓ 6. That all open burning is prohibited;
- ↓ 7. That limited amounts of garbage may be received when mixed with refuse, provided that no load shall contain more than five (5) per cent garbage by volume or two (2) per cent by weight. Operation conditions to control and enforce this condition will be determined by the County Engineer and County Health Officer and made a part of the industrial waste permit;
8. This exception shall not be effective for any purpose until the owner of the property involved has filed at the office of the said Regional Planning Commission his affidavit stating that he is aware of and accepts all the conditions of this exception;
9. It is hereby declared to be the intent that if any provision of this exception is violated or held to be invalid, or if any law, statute or ordinance is violated, the exception shall be void and the privileges granted hereunder shall lapse.

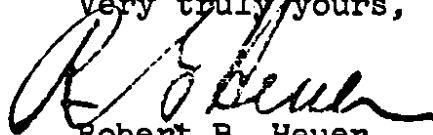
April 17, 1961

RECOMMENDATIONS:

1. That the Board accept all of the conditions to which the use of 299.83 acres of County-owned land as the Calabasas-Ventura Boulevard Refuse Disposal Site is made subject to and which were originally set forth in Zone Exception Case No. 3349 approved by the Regional Planning Commission on June 24, 1958.
2. That the Chairman of the Board be instructed to execute the attached Acceptance Form.

The Clerk of the Board please forward the original executed Acceptance Form to the Regional Planning Commission, and return all supplemental copies to the Department of Real Estate Management.

Very truly yours,

  
Robert B. Heuer  
Director

RBH:RBW:JS

Attachment

Prepared by:



Ralph B. Wood  
Sr. Real Property Agent

c: Each Supervisor  
Auditor-Controller  
County Counsel  
Regional Planning Commission

ACCEPTANCE FORM

STATE OF CALIFORNIA }  
COUNTY OF LOS ANGELES }

ss

Zone Exception Case No. 3349  
Los Angeles County-owned Property  
Calabasas-Ventura Boulevard Refuse  
Disposal Site

4388-  
DCC  
1961 MAY 3 PM 12 00  
RECORDED 100

Ernest E. Debs being first duly sworn deposes and  
says:

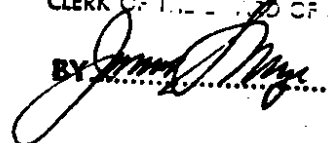
As Chairman of the Board of Supervisors, I am the  
authorized representative of the owner of the property  
described in the above-noted Zone Exception Case.

I am aware of, and on behalf of the Los Angeles County  
Board of Supervisors accept all the conditions in the said  
Zone Exception Case.

  
Chairman, Board of Supervisors

Subscribed and sworn to before me  
this \_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_  
Notary Public in and for the County  
of Los Angeles, State of California.

ATTEST: GORDON T. NESVIG  
CLERK OF THE BOARD OF SUPERVISORS

BY  Deputy

My Commission Expires \_\_\_\_\_

June 27, 1958

Certified Mail  
Return Receipt Requested

Mr. Robert B. Heuer,  
Director  
Department of Real Estate  
and Property Management, Los Angeles County  
Room 1007, Hall of Records  
Los Angeles 12, California

Dear Mr. Heuer:

Subject: Zone Exception Case No. 3349-(5)  
A cut and cover rubbish disposal site  
The Malibu Zoned District

The zone exception granted by the Regional Planning Commission at its meeting on June 24, 1958, in the above numbered case is enclosed. This exception is for property located approximately 3/4ths mile north of the westerly intersection of Rondell Street and Ventura Boulevard and approximately 1 1/2 miles west of the intersection of Las Virgenes Road and Ventura Boulevard in The Malibu Zoned District.

Your attention is called to the following:

1. Paragraph 8 of the decision relating to acceptance by the owner of the conditions of the exception.

2. That all setback and other requirements of the A-2-1-acre Zone, in which this property is located, must be complied with unless specifically set forth and itemized in the exception.

3. That there is a period of fifteen days following your receipt of this letter during which this decision may be appealed to the Board of Supervisors by a written communication and deposit of the amount necessary to cover the cost of preparing a transcript of the proceedings before the Regional Planning Commission. Caution should be exercised in making any expenditures under the exception during this period.

TO:

DIVISION OF BLDG. & SAFETY  
DISTRICT OFFICE \_\_\_\_\_  
ZONED DISTRICT \_\_\_\_\_  
ZONE CLASSIFICATION \_\_\_\_\_  
MAP NUMBER \_\_\_\_\_  
DATE FORWARDED \_\_\_\_\_

Very truly yours,

THE REGIONAL PLANNING COMMISSION

*Milton Breivogel*  
Milton Breivogel, Director of Planning

MS  
DMM:cs

Encs.: Zone Exception Case 3349-(5)  
Affidavit form

c.c. - Building & Safety Division Mrs. Dorothy Bondy  
Chf. Clk. Bd. of Spvrs 5545 Northhill Drive  
Mr. Ray E. Janson, Section Head Agoura, California  
Antelope Valley Branch Office  
531 W. Lancaster Boulevard  
Lancaster, California

ZONE EXCEPTION CASE NO. 3349-(5)

The Regional Planning Commission of the County of Los Angeles excepts the following described property:

Parcels 1-8 and 11:

Parcel A.

That portion of Lot 2 in the Northwest quarter of Fractional Section 30, Township 1 North, Range 17 West, S.E.B. & M., in the County of Los Angeles, State of California, within the following described boundaries:

Beginning at the intersection of the northerly line of that certain parcel of land described as Parcel 3 in deed to the State of California, for Public Highway purposes, recorded as Document No. 2816, on December 6, 1949, in Book 31655, page 311, of Official Records, in the office of the Recorder of said county, with the westerly line of said Fractional Section 30; thence North along said westerly line 893.93 feet; thence East, at right angles from said westerly line, 250.00 feet; thence South parallel with said westerly line to the northwesterly line of said certain parcel of land; thence South  $61^{\circ}18'40''$  West along said northwesterly line 233.65 feet to the northeasterly boundary of said certain parcel of land; thence North  $48^{\circ}39'43''$  West along said northeasterly boundary 40.00 feet to the northerly line of said certain parcel of land; thence West along said last mentioned northerly line 15.00 feet to the point of beginning.

Parcel B.

The westerly 40 acres of the Southwest quarter of Fractional Section 19, above mentioned township and range.

Parcel 1-9:

The easterly 100 feet of the South half of the Northeast quarter of Fractional Section 25; Township 1 North, Range 13 West, S.E.B. & M., in the County of Los Angeles, State of California.

Excepting therefrom that portion thereof which lies within that certain parcel of land described in deed to the State of California, for State Highway purposes, recorded as Document No. 916, on August 1, 1929, in Book 8244, page 264, of Official Records, in the office of the Recorder of said county.

Also excepting therefrom that portion thereof which lies within that certain parcel of land described in deed to the State of California, for Freeway purposes, recorded as Document No. 3086, on January 30, 1950, in Book 32118, page 312, of said Official Records.

ZONE EXCEPTION CASE NO. 3349-(5)

Parcel 1-10:

Parcel A.

The easterly 100 feet of the North half of the Northeast quarter of Fractional Section 25, Township 1 North, Range 18 West, S.B.B. & M., in the County of Los Angeles, State of California.

Parcel B.

That portion of the North half of the Northeast quarter of above mentioned Fractional Section 25, within the following described boundaries:

Beginning at the northeast corner of said Fractional Section 25; thence westerly along the northerly line of said Fractional Section 25; a distance of 350.00 feet; thence southeasterly in a direct line to a point in the easterly line of said Fractional Section 25, said point being distant southerly thereon 500.00 feet from said northeast corner; thence northerly along said easterly line 500.00 feet to the point of beginning.

Excepting therefrom that portion thereof which lies within above described Parcel A.

Parcel 1-12:

The South half of the Southeast quarter of Fractional Section 24, Township 1 North, Range 18 West, S.B.B. & M., and the Northeast quarter of the Southeast quarter of said Fractional Section 24, all in the County of Los Angeles, State of California.

Parcel 1-13:

The Southeast quarter of the Southwest quarter of Fractional Section 24, Township 1 North, Range 18 West, S.B.B. & M., and Lots 3 and 4 of said fractional section, all in the County of Los Angeles, State of California.

Parcel 1-14:

The Northeast quarter of the Southwest quarter of Fractional Section 24, Township 1 North, Range 18 West, S.B.B. & M., in the County of Los Angeles, State of California.

Parcel 1-15:

The Northwest quarter of the Southeast quarter of Fractional Section 24, Township 1 North, Range 18 West, S.B.B. & M., in the County of Los Angeles, State of California,

ZONE EXCEPTION CASE NO. 3349-(5)

from the provisions of Ordinance No. 1494, the Zoning Ordinance of the County of Los Angeles, but only insofar as such exception is necessary to permit the use of said property to establish, operate and maintain a cut and cover rubbish disposal site, subject to the following conditions:

1. That the property be developed substantially in accordance with the plot plan submitted and marked "Exhibit A" including the screen plan, shown thereon;

2. That the applicant shall obtain an industrial waste permit from the Industrial Waste Division of the Department of County Engineer, and such permit shall be maintained in full force and effect during the life of the operation;

3. That fencing be provided in accordance with the requirements of the industrial waste permit;

4. That the applicant comply with the safety requirements in connection with the operation of fill and cover dumps in watershed areas as required by the Los Angeles County Fire Department;

5. That provision be made for all natural drainage to the satisfaction of the County Engineer;

6. That all open burning is prohibited;

7. That limited amounts of garbage may be received when mixed with refuse, provided that no load shall contain more than five (5) per cent garbage by volume or two (2) per cent by weight. Operation conditions to control and enforce this condition will be determined by the County Engineer and County Health Officer and made a part of the industrial waste permit;

8. This exception shall not be effective for any purpose until the owner of the property involved has filed at the office of the said Regional Planning Commission his affidavit stating that he is aware of and accepts all the conditions of this exception;

9. It is hereby declared to be the intent that if any provision of this exception is violated or held to be invalid, or if any law, statute or ordinance is violated, the exception shall be void and the privileges granted hereunder shall lapse.

I, Milton Breivogel, Director of Planning, hereby certify that the foregoing is the decision rendered by the Regional Planning Commission on June 21, 1958.

THE REGIONAL PLANNING COMMISSION



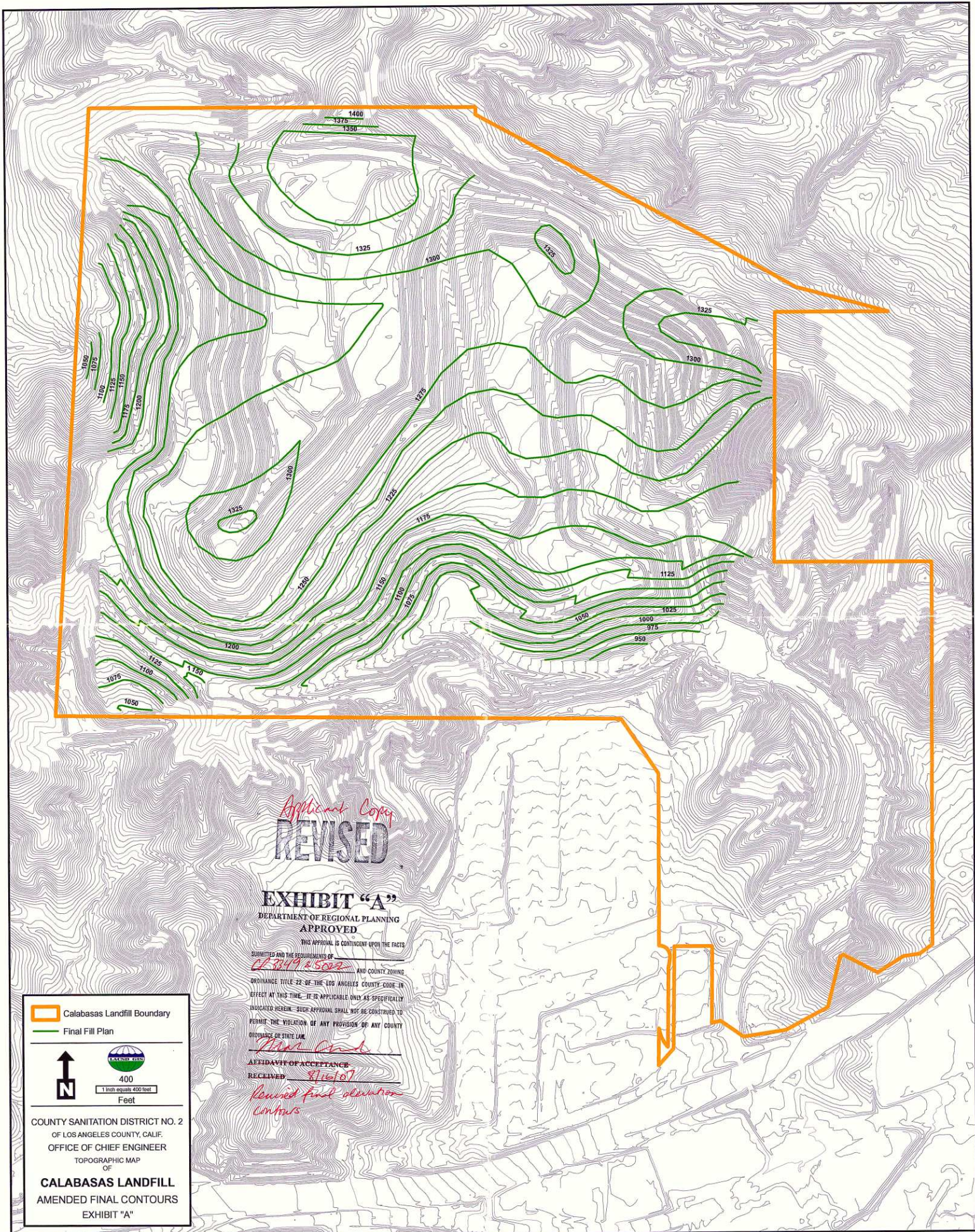
Milton Breivogel, Director of Planning

MB  
DMF:cs



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*Applicant Copy*  
**REVISED**

**EXHIBIT "A"**  
DEPARTMENT OF REGIONAL PLANNING  
APPROVED

THIS APPROVAL IS CONTINGENT UPON THE FACTS  
SUBMITTED AND THE REQUIREMENTS OF  
CR 334945002 AND COUNTY ZONING  
ORDINANCE TITLE 22 OF THE LOS ANGELES COUNTY CODE IN  
EFFECT AT THIS TIME. IT IS APPLICABLE ONLY AS SPECIFICALLY  
INDICATED HEREIN. SUCH APPROVAL SHALL NOT BE CONSTRUED TO  
PERMIT THE VIOLATION OF ANY PROVISION OF ANY COUNTY  
ORDINANCE OR STATE LAW.

*Plan and*  
AFFIDAVIT OF ACCEPTANCE  
RECEIVED 8/16/07  
*Revised final elevation*  
*Contours*

 Calabasas Landfill Boundary  
 Final Fill Plan



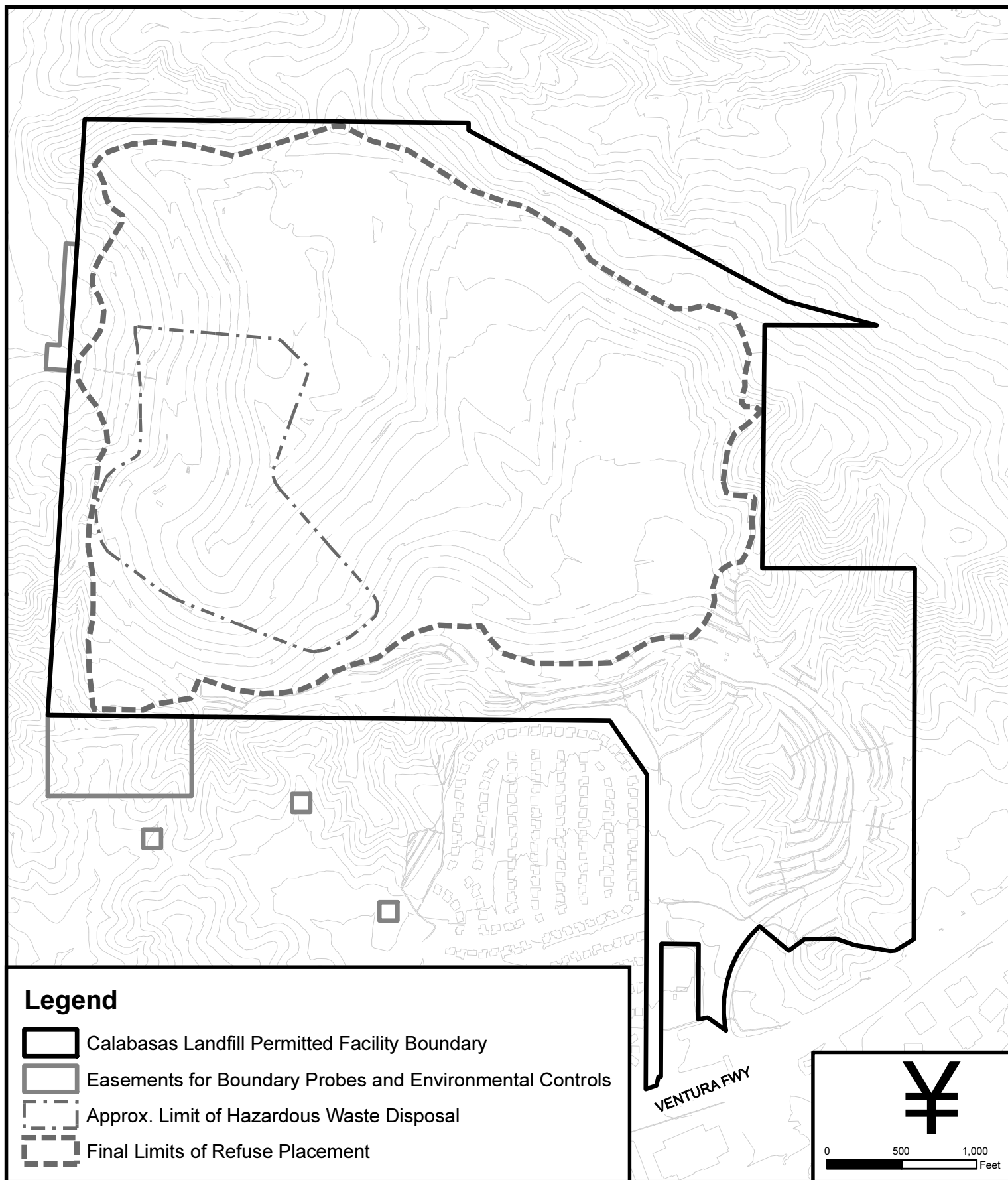
COUNTY SANITATION DISTRICT NO. 2  
OF LOS ANGELES COUNTY, CALIF.  
OFFICE OF CHIEF ENGINEER  
TOPOGRAPHIC MAP  
OF  
**CALABASAS LANDFILL**  
AMENDED FINAL CONTOURS  
EXHIBIT "A"



# ATTACHMENT E

Hazardous Waste Disposal Limits Map

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**Approximate Limits of  
Hazardous Waste Disposal Prior to 1980**

**FIGURE 4-1**

# ATTACHMENT F

Waste Discharge Requirements Order No. 82-67

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312-106.10A

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD—  
LOS ANGELES REGION

107 SOUTH BROADWAY, SUITE 4027  
LOS ANGELES, CALIFORNIA 90012 -4596  
(213)620-4460



August 25, 1982

County Sanitation Districts of  
Los Angeles County  
P. O. Box 4998  
Whittier, CA 90607

ATTN: Mr. Walter E. Garrison  
Chief Engineer-General Manager

RE: Adopted Order for Calabasas Landfill (File 60-118)

Gentlemen:

Reference is made to our letter dated August 6, 1982, which transmitted a draft of tentative requirements for Calabasas Landfill No. 5.

Pursuant to Section 13263 of the California Water Code, this California Regional Water Quality Control Board, at a public meeting held on August 23, 1982, reviewed these tentative requirements, considered all factors in the case, and adopted Order No. 82-67 (copy attached) relative to this landfill as amended at that meeting.

Please note the various deadlines for submittal of the technical reports and plans required under Provision D-1 of this Order.

Your first quarterly progress report on design and construction of the necessary containment and monitoring facilities is due by September 15, 1982.

An updated site operation plan is due by December 23, 1982.

Also attached is a copy of the monitoring and reporting program specifications. The first monitoring report under this program is due November 15, 1982. Please reference all technical and monitoring reports required by this Order to our Compliance File No. 4992. We would appreciate it if you would not combine other reports, such as progress or technical reports, with your monitoring reports but would submit each type of report as a separate document.

Very truly yours,

*Raymond M. Hertel*  
RAYMOND M. HERTEL  
Executive Officer

*Shall*

cc: See attached mailing list

WALTER E. GARRISON

*Rec'd 1/2/82*



County Sanitation District of Los Angeles County Mailing List  
Calabasas Landfill

cc: State Water Resources Control Board, Office of Chief Counsel  
Attn: Ms. Kathie Keber  
State Water Resources Control Board, Division of Technical  
Services, ATTN: Mr. Walter Pettit  
Department of Health Services, Hazardous Material Management  
Section, (Sacramento) Attn: Mr. Peter A. Roger  
Department of Health Services, Hazardous Material Management  
Section, (Los Angeles) ATTN: Mr. John Hinton  
Department of Health Services, Water Sanitation Section, (LA)  
Attn: Mr. Gary Yamamoto  
Department of Water Resources  
Department of Fish and Game, Region 5  
State Solid Waste Management Board  
Southern California Air Quality Management District  
Los Angeles County Flood Control District  
County of Los Angeles, Department of Health Services  
Attn: Mr. Chuck Coffee  
Los Angeles County Engineer-Facilities  
Las Virgenes Municipal Water District  
County of Los Angeles, Department of Regional Planning  
Supervisor Mike Antonovich  
Congressman Barry Goldwater

Community Association of Saratoga Hills

Attn: Mr. Norm Beuhring  
Saratoga Ranch Owners Association, Attn: Mr. Rich LaPine, President  
The Saratoga Homeowners Committee  
Mr. Howard Hamburg  
Mr. Joe Pisaniello

STATE OF CALIFORNIA  
RESOURCES AGENCY

ORDER NO. 82-67

REVISED WASTE DISCHARGE REQUIREMENTS  
FOR  
COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY  
(Calabasas Landfill No. 5)  
(File 60-118)

The California Regional Water Quality Control Board, Los Angeles Region, finds:

1. The Calabasas Landfill is located in Agoura north of Ventura Freeway near Lost Hills Road. The site is situated near the top of an east-west ridge that attains an elevation of almost 1,500 feet above sea level. It occupies portions of the south half of Section 19, T1N, R17W, S.B.B.&M., and the south half of Section 24, T1N, R18W, S.B.B.&M., all within unincorporated Los Angeles County.
2. County Sanitation Districts of Los Angeles County (Districts) operated part of this landfill as Class I site under waste discharge requirements contained in Resolution No. 65-47, adopted by this Board on September 15, 1965. Those requirements cover a 300-acre parcel of a total 416 acres of land owned by the Districts. 260 acres of the permitted area were designated for Class I operation; the remaining 40 acres were limited to Class II operations only. No disposal operation take place in the other acreage.
3. On July 31, 1980, based on an in-depth geologic and hydrologic study of the landfill site and an evaluation by Board staff of the study results, the Districts suspended acceptance of all Group I hazardous wastes and Group 2 liquid wastes, pending additional field permeability testing at the site.
4. Staff, after evaluation of the geological study and the additional field permeability test results, concluded that this site does not conform with the State Water Resources Control Board (SWRCB) Subchapter 15 criteria for Class I designation and should not accept liquid wastes.
5. On April 27, 1981, the Regional Board issued revised waste discharge requirements for Calabasas Landfill in Order No. 81-12. That Order changed the designation of the site to Class II and required the Districts, among other things, to submit several technical reports and protective plans to prevent potential migration of landfill gases and leachate from the site; to update the site drainage plan; and to develop comprehensive groundwater monitoring plan to monitor for possible groundwater quality variation caused by deep percolation of fluids from the site.
6. Following adoption of Order No. 81-12 Saratoga Homeowners Committee, et al. appealed to the State Water Resources Control Board (SWRCB) on May 21, 1981, objecting to the Regional Board's Order upon several contentions, and generally calling the landfill unsafe.

8-6-82

Revised 8-13-82

7. The SWRCB adopted Order No. WQ 81-13 relative to the appeal on August 20, 1981, which dismissed the petition without prejudice in view of facts and findings discussed in the State and Regional Board Orders. The State Board Order further required that: (1) the Regional Board submit monthly progress reports to the State Board relative to the progress made by the Districts on the technical reports and containment plans required by the Regional Board in its Order No. 81-12; and (2) the Regional Board revise its waste discharge requirements (Order No. 81-12) to incorporate new findings and time schedules for implementation of the necessary containment and monitoring facilities.
8. A package containing plans for site drainage, landfill gas control and initial technical reports on groundwater monitoring plan and leachate control barrier systems required by Regional Board Order No. 81-12, was submitted by the Districts on October 30, 1981. Following this submittal, number of plan review meetings were held. Personnel of the Regional Board, State Board, County Sanitation Districts and consultants to the Districts participated in the review of the plans.
9. The preliminary plan dated October 27, 1981, for the landfill gas migration and odor control system was approved in concept. Final approval by the Executive Officer is pending receipt and review of detailed design specifications for the system. The gas migration and odor control system proposed for this landfill will be designed in two phases. The Phase I system will consist of a series of gas wells to be installed on the slopes of the completed areas of the landfill and will include gas extractions wells. In Phase II of the program a gridwork of gas collection trenches will be installed on the completed top surface of the landfill. The trenches with internal piping system, will be connected to header lines installed during phase I. A flaring station will be installed initially to burn the landfill gas until such time as recovery for beneficial use becomes practicable. The proposed gas and odor control system will be constructed according to a time schedule incorporated herein and made part of this Order.
10. The updated site drainage plan dated October 27, 1981, filed by the Districts is satisfactory.
11. Previous geologic and hydrologic studies by LeRoy Crandall and Associates and Woodward-Clyde Consultants to the Districts indicated the potential for lateral movement of leachate through the alluvial deposits in the canyons. Due to this potential, barriers, such as slurry walls and leachate extraction wells were recommended by the Districts in a preliminary plant report dated October 27, 1981, to sever hydraulic continuity of the alluvial deposits between the landfill and the water-bearing deposits in the Las Virgenes and Lindero Canyon Subareas.
12. Additional field permeability tests were recommended at the proposed barrier sites. The Districts were also requested to submit a final groundwater monitoring plan based upon the review comments and initial reports.
13. The barrier-related permeability tests were completed in June 1982 and a technical report detailing the results of the tests was submitted to this Board on July 19, 1982.

14. At a meeting held on July 27, 1982, among the staffs of the State Board, Regional Board, and Districts and their consultants, a plan for groundwater monitoring program, prepared by Woodward-Clyde Consultants entitled "Exploration and Monitoring Plan for the bedrock Groundwater system at Calabasas Landfill dated March 26, 1982, was accepted with a recommended addendum by State Board staff geologist. Also, at that meeting, the need for the proposed leachate control barrier systems at five different locations at the site was justified by State Board staff geologist.
15. The proposed construction of groundwater monitoring wells and the barrier systems will be initiated according to the attached time schedules.
16. Well numbers, locations, estimated depths and construction method with quality control are specified in the Woodward-Clyde technical report. The monitoring well locations are planned to intersect probable subdrainage area from the landfill to three major identified geologic units.
17. The Calabasas Landfill is located near the center of the Transverse Ranges Geomorphic Province which is characterized by east-west trending mountain ranges and intervening valleys. In the vicinity of the site, the Transverse Ranges comprise two major ranges; the Simi Hills to the north and the Santa Monica Mountains to the south. These east-west trending ridges are controlled by the structure of the pre-middle Miocene rocks.

In general, the bedrock consists of a southern and northern belt of pre-Miocene age rocks and a central belt of Miocene age rocks. The pre-Miocene rocks are exposed mainly along the main ridge of the Santa Monica Mountains Simi Hills with a southeasterly strike and a northerly dip.

Geologic materials in the Calabasas Landfill include artificial fill, Quaternary age landslide debris, slope wash and colluvial deposits, and the Miocene age bedrock of the Topanga and Modelo Formations. Most of the Topanga Formation has been complexly and tightly folded and faulted. The upper part of the Topanga Formation and the overlying Modelo Formation have been tilted to form a structurally simple area characterized by rocks of uniform southeasterly strike and northeasterly dip. Both formations can be subdivided into a conglomerate-sandstone unit, and a siltstone-shale unit. Despite the complex folding and faulting beneath the waste disposal area, the stratigraphy of the bedrock is fairly well established.

The shales of the Modelo and Topanga Formations are generally considered as non-waterbearing. The sandstone and conglomerate of the Topanga and Modelo Formation are predominantly medium-to coarse-grained and friable, and are capable of transmitting and storing limited amounts of ground water.

The Quaternary alluvium is predominantly clayey and is not generally considered to be waterbearing with the exception of intercalated sand and gravel lenses.

Although the geologic materials in the vicinity of the Calabasas Landfill are considered non-waterbearing, wells have been drilled in the area. None of these wells are known to have produced a large quantity of water. Yields indicated on well logs are generally less than 50 gallons per minutes.

18. The main streams draining the area flow in a southeasterly direction, and converge with Las Virgenes Creek about one mile south of the site. Las Virgenes Creek about three miles south merges with Malibu Creek and continues to the ocean some seven miles further south. A minor stream draining the northwest corner of the site flows west to Medea Creek which joins Malibu Creek upstream from the Las Virgenes confluence. There are no known direct diversions or uses made of the waters of Las Virgenes Creek or Medea Creek in the vicinity of the subject disposal site, but waters draining from the area through the Las Virgenes-Medea-Malibu Creek system form an important source of recharge for the underlying ground water basins. There are no known extractions of groundwater in the vicinity of the site except for a single Districts well to the north of the disposal area. Water extracted from this well is used for dust control purposes at the site.

If surface runoff is prevented from entering the landfill, deposition of waste materials would appear to offer no threat to the quality of downstream waters.

19. The discharger has filed an updated site drainage plan with this Board. Storm drain systems have been designed, constructed and maintained to handle rainfall runoff from the watershed of the property boundaries. Drainage improvements have been planned to follow major drainage courses which existed prior to filling.

Runoff and drainage diversion control facilities for this landfill have been required as part of the provisions of previous waste discharge requirements adopted by this Board. Where ongoing construction of the landfill does not allow immediate placement of permanent facilities, interim facilities have been constructed and maintained. Permanent facilities are designed and maintained for the protection of the site from 100-year storm occurrences and intensities.

20. The discharger has filed an initial site operation and closure plan with the Board. This plan is subject to periodic update.
21. The Board adopted a revised Water Quality Control Plan for the Los Angeles River Basin on November 27, 1978. The plan contains water quality objectives for the groundwater in Las Virgenes and Lindero Canyon Subareas and Malibu Creek. The requirements contained in this Order as they are met will be in conformance with the goals of the Water Quality Control Plan.
22. Title 23, Chapter 3, Subchapter 15 of the California Administrative Code, adopted by the State Water Resources Control Board in 1972 and revised periodically, establishes regulations for the control of waste disposal to land.
23. The California Water Code specifies that waste discharge requirements prescribed for a particular discharge are subject to periodic review and revision by the Regional Board.

24. This disposal site meets the criteria contained in the California Administrative Code, Title 23, Chapter 3, Subchapter 15, for classification as a Class II disposal site suitable to receive Groups 2 and 3 wastes.
25. The issuance of revised waste discharge requirements for these discharge is exempt from the provisions of Chapter 3 (commencing with Section 21000) of Division 13 of the Public Resources Code, in accordance with Sections 15070 and 15101, Chapter 3, Title 14, California Administrative Code.

The Board has submitted a copy of this tentative Order to the discharger and to interested agencies and persons, and has notified them of its intent to prescribe revised waste discharge requirements for this sanitary landfill.

The Board in a public meeting heard and considered all comments pertaining to this discharge.

IT IS HEREBY ORDERED, that the County Sanitation Districts of Los Angeles County shall comply with the following:

A. Acceptable Materials

1. Solid wastes disposed of at this site shall be limited to:

Group 2 wastes - ordinary residential and commercial refuse and/or rubbish, other decomposable organic refuse, and scrap metal of the nature indicated below:

Empty metal containers  
Metal and metal products  
Paper and paper products, including  
roofing paper and tar paper  
Cloth and clothing  
Wood and wood products  
Manufactured rubber and solid plastic materials  
Lawn clippings, sod, and shrubbery  
Hair, hide, and bones  
Street sweepings  
Manure and animal pen refuse  
Oil-soaked excelsior or straw used to absorb  
hydrocarbon oils from wastewater  
Dried mud cake from oil field sumps  
Dried paint  
Ashes from household burning  
Infectious materials and hospital or laboratory wastes  
authorized for disposal to land in a treated form  
approved by State or County Health officials.  
Plant residues from the production of crops including,  
but not limited to, stalks, vines, green drops, culls,  
stubble, hulls, lint, seed, roots, stumps, prunings,  
and trimmings.  
Dead animals or portions thereof  
Abandoned vehicles  
Adequately cleansed pesticides containers. This  
includes triple-rinsed metal plastic or glass  
pesticide containers: paper or plastic sacks  
and bags or cardboard drums or boxes used for  
pesticide dusts and wettable powders which are  
empty.

**Group 3 wastes - non water-soluble, nondecomposable  
inert solids of the nature indicated below:**

Earth, rock, gravel, and concrete  
Asphalt paving fragments  
Glass  
Plaster and plasterboard  
Vehicle tires and inert rubber scrap  
Steel mill slag  
Clay and clay products  
Asbestos fiber and asbestos products  
Inert plastics  
Brick

**B. Prohibitions**

1. No Group I wastes and/or hazardous wastes shall be deposited at this site.
2. No liquids, oils, waxes, tars, soaps, solvents, or readily water - soluble solids such as salts, lye, caustic, or acids shall be deposited at this site.
3. No materials which are of toxic nature, such as insecticides, poisons, or radioactive materials, shall be deposited at this site.
4. No industrial sludges or sewage sludge shall be deposited at this site. Residue such as solids from screens and grit chambers having 50% or more solid content by weight may be deposited at this site.
5. No septic tank pumpage or chemical solid waste, shall be disposed of at this site.

6. No infectious materials and hospital or laboratory wastes, that are unauthorized for disposal to land by State or County health officials charged with control of plant, animal, and human disease, shall be disposed of at this site.
7. The direct discharge of wastes to surface drainage courses or to usable groundwater is prohibited.
8. No water shall be used at this site except for landscape irrigation and surface dust control, compaction and fire fighting. Water used for this purposes shall be confined to areas with sufficient refuse lifts where the wastewater could be completely absorbed by refuse. No commercial vehicle washing shall be conducted at the site. Water used for irrigation of disposal areas shall be applied only on completed lifts, in quantities not to exceed those necessary to support plant life, and shall be confined to the irrigated areas. Water shall not be permitted to pond at the site.

C. General Requirements for Disposal of Wastes at this Site.

1. Odors of waste origin shall not be perceivable beyond the limits of the site.
2. Neither the disposal nor handling of wastes at this site shall create pollution or nuisance.
3. Adequate measures shall be taken to prevent nuisance from fly breeding, rodent harborage, and other vectors.
4. The migration of gases and leachate from the disposal site shall be controlled as necessary to prevent water pollution or nuisance.
5. Any abandoned water wells situated within the influence of the disposal area must be located and properly sealed. A notice of intent to abandon a water well must be filed with the Department of Water Resources prior to the abandonment. Procedures used to destroy these wells or modify wells still in use should conform to the specification of the local health department or other applicable agency.
6. Surface runoff from the drainage area pertinent to this site, except rain falling naturally on the disposal site, shall be prevented from passing over or percolating through deposited pollutable or decomposable materials at the disposal site. Adequate facilities shall be provided to carry rain water falling naturally on the site across or through the disposal areas in a manner to prevent contact with material deposited.
7. Erosion or washout of deposited materials or covering material by surface flow shall be prevented.
8. The site shall be protected from any washout that could occur as a result of a 100-year storm.
9. Prior to the start of the rainy season, compacted cover at least one foot thick shall be placed over all areas containing solid waste, excluding the active face. The disposal area shall be graded to at least two percent slope to prevent ponding and percolation of surface water into the waste material.



10. Annually, prior to start of the rainy season, all necessary runoff diversion channels shall be in place at the site.
11. Adequate facilities shall be provided to divert all runoff which could occur as a result of floods having a predicted frequency of once in 100 years.
12. There shall be no damage to any community by odors or unsightliness resulting from unreasonable practices in the disposal of wastes at this site, such that it would create a nuisance as defined in Section 13050 of California Water Code.
13. Wastes deposited at this site shall be confined thereto, and shall not be permitted to blow off the site or to enter downstream drainage ditches or watercourses.
14. In any area within the disposal site where seepage water is observed, provisions shall be made and/or facilities shall be provided to insure that seep water will not come in contact with decomposable refuse in the site. The location of all springs and seeps found during, prior to, or after placement of waste material shall be reported to the Board.
15. The discharger shall remove and relocate any wastes which are discharged at this site in violation of these requirements.
16. All manure must be covered immediately and such steps as are necessary must be taken at all times to prevent fly breeding and odor nuisance.
17. All wastes shall be adequately covered at the end of the operating day.
18. The effectiveness of the leachate barriers and all monitoring wells must be maintained for the active life of this site. If any well is damaged, destroyed, or abandoned for any reason, the discharger shall provide a suitable alternative well, as approved by the Executive Officer, to meet the monitoring requirements of this Order.
19. All leachate from the site shall be intercepted, and pumped out when detected, and disposed of into a sewer system, treated or hauled by a licensed hauler or properly impounded and disposed of at a legal liquid waste disposal site. For the purpose of this requirement a legal point of disposal is defined as one for which requirements have been prescribed by a Regional Water Quality Control Board and which is in full compliance therewith.

#### D. Provisions

1. The discharger shall submit the following technical reports and plan for Executive Officer's review and approval.
  - a. By September 20, 1982, submit final drawings design and specifications for landfill gas migration and odor control system in accordance with the preliminary plan dated October 27, 1981.
  - b. By January 7, 1983, submit final drawings, designs and specifications for construction of leachate barriers and extraction Well Systems in accordance with the preliminary plan report dated October 27, 1981.
  - c. A updated site drainage plan shall be submitted by July 15, of each year. The first plan is due by July 15, 1983. The approved site drainage plan shall be implemented no later than October 1 of each year.

- d. By October 5, 1982, submit final drawings, designs and specifications for the construction of the proposed groundwater monitoring wells in conformance with the Woodward-Clyde groundwater monitoring plan dated March 26, 1982, and the recommendations dated July 30, 1982, of the State Board staff geologist added to that plan. The proposed well locations in this plan may be adjusted as necessary during installation with prior approval of the Executive Officer.
2. The construction and/or installation of proposed gas and leachate control facilities and the groundwater monitoring wells shall be implemented in compliance with the corresponding construction time schedules attached hereto and made part of this Order. Any delay changes from the proposed completion dates shall require a good cause and prior approval of this Board's Executive Officer.
3. The proposed groundwater monitoring wells shall be constructed according to designs and specifications approved by this Board's Executive Officer.
4. The proposed landfill gas migration and odor control system shall be constructed according to design specifications approved by this Board's Executive Officer.
5. The proposed leachate control barriers shall be constructed with impermeable materials and equipped with groundwater monitoring and extraction wells according to designs and specifications approved by this Board's Executive Officer. Zones of active faulting shall be avoided.
6. The discharger shall submit quarterly progress reports toward construction and completion of the proposed containment and monitoring facilities. The first report shall be due September 15, 1982.
7. The discharger shall, within 120 days after the adoption date of this Order, file with the Board a revised operation plan which shall be updated when substantial changes in operations are made; reports indicating conformance with existing plans shall be submitted annually thereafter. For the purpose of these requirements, this includes any proposed change in the boundaries, contours or ownership of the disposal areas.
8. The operation plan shall include at least the following:
  - a. Description of the waste materials anticipated to be received.
  - b. A contour map, showing the boundaries of the disposal site and waste disposal areas.
  - c. General description of disposal site operations.
  - d. Detailed hydrological and geological data for the disposal area.
  - e. Measures proposed for control of drainage, leachate, and gases.
  - f. Anticipated land use after termination of disposal operations.
9. The discharger shall by December 31, 1985, or not less than 120 days prior to cessation of disposal operation, whichever occurs first, submit an updated closure report to the Board describing methods and procedures for termination of disposal operations and post maintenance of the landfill. The report shall include the information listed in the following item. The report shall be prepared by or under the supervision of a registered engineer or a certified engineering geologist.

10. The methods used to close a site and assure continuous protection of the quality of surface and groundwater shall comply with these waste discharge requirements. The site closure and maintenance reports shall describe at least the following items:
  - a. The boundaries of areas used for waste disposal, accompanied by a map of the disposal site.
  - b. Method of control of surface drainage flow through the site.
  - c. Evaluation of the anticipated settlement due to decomposition and consolidation of the wastes.
  - d. Manner of surface drainage and leachate control in waste disposal areas.
  - e. Cover thickness and physical properties including permeability, expansion characteristics, and erodibility.
  - f. Relationship of waste disposal area to underlying groundwater quality.
  - g. Location of groundwater monitoring points.
  - h. Proposed subsequent use of the land.
  - i. Estimate of the useful site life.
  - j. A discussion and evaluation of alternative methods of site closure and subsequent maintenance, and a recommendation regarding the most practicable method of closure and maintenance which will pose no adverse threat to the environment.
  - k. The estimated cost for alternative methods of site closure and for subsequent maintenance of the site for the active life of the waste, and a detailed financial plan which adequately provides for the financing of the recommended method of site closure and maintenance.
11. The owner or operator of the disposal site shall provide assurances that monies are available in an amount estimated by the Board to be sufficient to ensure the closure and subsequent maintenance of the disposal site in a manner that will not pose an adverse threat to the environment.
12. The discharger shall comply with the monitoring, testing and reporting program established by this Board's Executive Officer.
13. All State, County and City sanitary and health codes, rules, regulations and ordinances pertinent to the disposal of wastes on land shall be complied within the operation and maintenance of this waste disposal site.
14. The discharger shall maintain a copy of this Order at the site so as to be available at all times to site operating personnel.
15. The discharger shall file with this Board a report of any proposed change in the character of this waste discharge or in the site boundaries at least 120 days prior to the date of such proposed change.
16. In the event of any change in name of operator 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, a copy of which shall be filed with this Board, of the existence of this Order.

17. In accordance with the California Water Code, the discharger shall furnish, under penalty of perjury, technical monitoring program reports; such reports shall be submitted in accordance with specifications prepared by the Executive Officer, which specifications are subject to periodic revisions as may be warranted.
18. 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 and from gases and leachate that may be caused by infiltration of precipitation or drainage waters into the waste disposal areas or by infiltration of water applied to this property during subsequent use of the land for other purposes.
19. These requirements do not exempt the operator of this waste disposal facility from compliance with any other law which may be applicable. The requirements are not a permit; they do not legalize this waste disposal facility, and they leave unaffected any further restraints on the disposal of wastes at this site which may be contained in other statutes.
20. According to Section 13263 of the Water Code, these requirements are subject to periodic review and revision by this Regional Board. The Regional Board will review these requirements 1 year from the date of the completion of the proposed monitoring wells and 2 years from the date of the completion of the wells.
21. This Order supersedes and rescinds all previous requirements and Orders adopted by this Board for this facility.
22. The Woodward-Clyde report dated March 26, 1982, and the State Board staff recommendations dated July 30, 1982, are incorporated here in and made part of this Order, except where otherwise noted in the Monitoring Specifications attached to this Order.

I, Raymond M. Hertel, 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, Los Angeles Region, on August 23, 1982.

  
RAYMOND M. HERTEL, Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
LOS ANGELES REGION  
MONITORING AND REPORTING PROGRAM NO. 4992  
FOR  
CALABASAS LANDFILL NO. 5-COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY  
(File No. 60-118)

I. Reporting

- A. The discharger shall implement this Monitoring and Reporting Program beginning October 1, 1982. Monitoring reports shall be submitted monthly, by the 15th day of the following month. The first monitoring report under this Program is due November 15, 1982.
- B. Each monitoring report must affirm in writing that all chemical analyses were conducted at a laboratory for such analyses accepted by the Executive Officer of this Board, and all sampling, preservation, storage and analyses were conducted in accordance with current EPA guideline procedures, or as specified in the Monitoring Program. For any analysis performed for which no procedure is specified in the EPA guidelines or in this Monitoring Program, the constituent or parameter analyzed and the method or procedure used must be specified in the report. Each analytical result shall also be labeled to indicate the name of the certified laboratory that performed the analysis. If you use only one laboratory for all your analyses, you may choose to identify the source of your lab results using a single statement. Physical measurement results (e.g., flow, water level, etc.) need not be so labeled; however, such physical measurements must be properly performed.
- C. The discharger may submit additional data to the Board not required by this Program in order to simplify reporting to other regulatory agencies.
- D. The following items in the attached "General Monitoring and Reporting Provisions" shall be applicable to this Program: Items 1,2,4,7,8,9,10,11, 12, 13, 14, and 15.
- E. Quarterly monitoring shall be performed during the months of February, May, August and November.
- F. Where the units for a parameter are listed as  $\mu\text{g}/\text{l}$  (ppb) suitable analytical techniques shall be used to achieve this precision.
- G. Analytical data reported as less than shall be reported as less than a numeric value or below the limit of detection for that particular analytical method (also give the limit of detection).
- H. All analytical samples obtained for this Program shall be grab samples.

## II. Waste Disposal Reporting

- A. The first report to the Board shall include a map of the site and shall indicate the areas that are currently being filled in the disposal site and the areas where fill has been completed. This map shall be updated annually and submitted with the annual report due January 30th, and if a new area is started, it shall be updated with the corresponding monthly report.
- B. A report containing the following information shall be filed with this Board for each calendar month:
  1. A tabular list of the estimated average monthly quantities (in tons) and types of Class II and III materials deposited each month. Types shall be classified as listed in Waste Discharge Requirements A1.
  2. An estimate of the remaining capacity and life of the site, in years.
  3. A certification that all wastes deposited were in compliance with the Board's requirements and that no wastes have been deposited outside of the boundaries of the site as specified in the Board's requirements.
  4. A description of the location of all seeps and springs found at the site during the reporting period, with an estimate of seep water flow. Reference to previous reports will be acceptable, except that the annual report shall contain the complete description. Flow estimates shall be included in each monthly report.

## III. Groundwater Monitoring

### A. Reporting

1. The groundwater monitoring program shall be carried out during the active life of the facility, during the post-closure care period, and during periods when no wastes are deposited at the site.
2. Analytical results for groundwater monitoring shall be submitted with the corresponding monthly waste disposal report. If a well was not sampled (or measured) during the reporting period, the reason for the omission shall be given. If no fluid was detected in a monitoring well, a statement to that effect (in lieu of analyses) shall be submitted.
3. Monthly observations and measurements of static water levels shall be maintained on all monitoring wells and records of such observations shall be submitted with the monthly reports.
4. Pumping data regarding fluid pumped from each monitoring well (other than for analytical samples) shall be reported to the Board each month and shall include:
  - a. Water level elevation in the monitoring well before and after pumping.
  - b. Date and quantity of fluid pumped, and the method of disposal or reuse purpose if reused.
  - c. If no fluid was pumped during the month from any monitoring well, a statement to that effect shall be submitted.

B. Monitoring Well Locations

- Figure 1/ and 2 indicate the approximate locations of the existing and proposed monitoring Wells, respectively.
- The following Table 1 indicates each existing Well Number, elevation and total depth.

Table 1

Well #	Approx. Ground Surface Elevation (ft)	Total Depth (ft)
P-1A	891	60
P-1B	891	85
P-1C	890	60
MW-A	902	100
MW-3	889	35
MW-4	886	55
P-3A	1080	30
P-3B	1081	50
P-4A	1059	31
P-4B	1060	57
P-5A	1013	12
P-5B	1013	35
MW-1	1024	41
MW-2*	1050	
IN/18W-24J2	1119	705

*MW-A is actually  
P-1C & there is  
no well w/ physical  
dimensions of P-1C.  
See note following  
requirements. CM*

\* Damaged; to be replaced to the original depth of MW-2

3. The following Table 2 indicates each Proposed Well Number, elevation and probable depth:

Table 2

Well No.	Approx. Ground Surface Elevation (ft)	Approx. Depth (ft)	Well No.	Approx. Ground Surface Elevation (ft)	Approx. Depth (ft)
EM-1	1,065	215	EM-14	1,000	150
EM-2	1,005	155	EM-15	1,060	210
EM-3	1,225	375	EM-16	1,115	265
EM-4	1,185	325	EM-17	1,150	300
EM-5	1,060	210	EM-18	1,200	350
EM-6	915	100	EM-19	1,120	270
EM-7	970	120	EM-20	1,110	260
EM-8	1,200	350	EM-11	915	100
EM-9	910	100	EM-12	915	100
EM-10	1,165	315	EM-13	950	100

C. Type of Frequency and Analysis

The Sampling program for the proposed monitoring wells shall be implemented following the complete construction of the monitoring well network. The frequency for sampling and analysis of each proposed monitoring well shall be monthly during the first three months and quarterly thereafter. The test parameters for the first three months shall be those listed in Table 3. The test parameters for subsequent quarterly monitoring shall be those listed in Table 4.

The sampling program for the existing monitoring wells shall commence during the fourth quarter of 1982. The first sample under this program shall be collected in November 1982. These wells shall be sampled on quarterly basis. The test parameters for the first two consecutive calendar quarters shall be those listed in Table 3. The test parameters for subsequent sampling period shall be those listed in Table 4.

This sampling and testing program may be revised in future, as warranted.



TABLE 3

## CHEMICAL TEST PARAMETERS

EPA LIST OF PRIORITY POLLUTANTS (in ppb)

Acrolin	1,2-Dichloropropane
Acylonitrate	1,3-Dichloropropene
Benzene	Methylene chloride
Toluene	Methyl chloride
Ethylbenzene	Methyl bromine
Carbon Tetrachloride	Bromoform
Chlorobenzene	Dichlorobromomethane
1,2-Dichloroethane	Trichlorofluoromethane
1,1-Dichloroethane	Dichlorodifluoromethane
1,1,1-Trichloroethane	Chlorodibromomethane
1,1-Dichloroethene	Tetrachloroethylene
1,1,2-Trichloroethane	Trichloroethylene
1,1,2,2-Tetrachloroethane	Vinyl chloride
Chloroethane	1,2-trans-Dichloroethylene
2-Chloroethyl vinyl ether	bis(Chloromethyl) ether
Chloroform	
1,2-Dichlorobenzene	Fluorene
1,3-Dichlorobenzene	Fluoranthene
1,4-Dichlorobenzene	Chrysene
Hexachloroethane	Pyrene
Hexachlorobutadiene	Phenanthrene
Hexachlorobenzene	Anthracene
1,2,4-Trichlorobenzene	Benzo(a)anthracene
bis(2-Chloroethoxy) methane	Benzo(b)fluoranthene
Naphthalene	Benzo(k)fluoranthene
2-Chloronaphthalene	Benzo(a)pyrene
Isophorone	Indeno(1,2,3-c,d)pyrene
Nitrobenzene	Dibenzo(a,h)perylene
2,4-Dinitrotoluene	Benzo(g,h,i)perylene
2,6-Dinitrotoluene	4-Chlorophenyl phenyl ether
4-Bromophenyl phenyl ether	3,3'-Dichlorobenzidine
bis(2-Ethylhexyl) phthalate	Benidine
Di-N-octyl phthalate	bis(2-Chloroethyl) ether
Dimethyl phthalate	1,2-Diphenolhydrazine
Diethyl phthalate	Hexachlorocyclopentadiene
Di-n-butyl phthalate	N-Nitrosodiphenylamine
Acenaphthylene	N-Nitrosodimethylamine
Acenaphthene	N-Nitrosodi-n-propylamine
Butyl benzyl phthaline	bis(2-Chloroisopropyl) ether
Phenol	P-Chloro-m-cresol
2-Nitrophenol	2-Chlorophenol
4-Nitrophenol	2,4-Dichlorophenol
2,4-Dinitrophenol	2,4,6-Trichlorophenol
4,6-Dinitro-o-cresol	2,4-Dimethylphenol
Pentachlorophenol	

TABLE 3 (Continued)

alpha-Endosulfan  
beta-Endosulfan  
Endosulfan sulfate  
alpha-BHC  
beta-BHC  
sigma-BHC  
gamma-BHC  
Aldrin  
Dieldrin  
4,4'-DDE  
4,4'-DDD  
4,4'-DDT  
Endrin  
Endrin aldehyde

Antimony  
Arsenic  
Beryllium  
Cadmium  
Chromium  
Copper  
Lead

Total Cyanides  
Asbestos  
Total Phenols

OTHER PARAMETERS (in ppm)

Iron  
Manganese  
Magnesium  
Potassium

Sulfate  
Phosphate

pH (pH unit)  
Specific Conductivity  
Total Alkalinity  
Total Dissolved Solids

Heptachlor  
Heptachlor epoxide  
Chlorodane  
Toxaphene  
Aroclor 1016  
Aroclor 1221  
Aroclor 1232  
Aroclor 1242  
Aroclor 1248  
Aroclor 1254  
Aroclor 1260  
2,3,7,8-Tetrachlorodibenzo-  
p-dioxin (TCDD)

Mercury  
Nickel  
Selenium  
Silver  
Thallium  
Zinc

Sodium  
Barium  
Calcium  
Ammonium

Chloride  
Fluoride

Suspended Solids  
Soluble COD  
Total BOD

CHEMICAL TEST PARAMETERS

<u>Parameter</u>	<u>Units</u>
pH <u>1/</u>	pH units
Electrical conductivity	$\mu$ mhos/cm
Carbon dioxide <u>2/</u>	mg/l
Chemical oxygen demand	mg/l
Total dissolved solids	mg/l
Total organic carbon	mg/l
Alkalinity	mg/l
Chlorides	mg/l
Total hardness (as $\text{CaCO}_3$ )	mg/l
Phenols (as $\text{C}_6\text{H}_5\text{OH}$ )	mg/l
Tannin and lignin	mg/l
Oil and grease	mg/l
Threshold odor	Odor units
Arsenic	mg/l
Barium	mg/l
Cadmium	mg/l
Chromium, Total	mg/l
Chromium, Hexavalent	mg/l
Copper	mg/l
Lead	mg/l
Mercury	mg/l
Nickel	mg/l
Selenium	mg/l
Silver	mg/l
Zinc	mg/l
Iron	mg/l
Manganese	mg/l
Sodium	mg/l
Fluoride	mg/l
Sulfate	mg/l
Nitrate (as N)	mg/l
Cyanides	$\mu\text{g/l}$
Total organic halogens	$\mu\text{g/l}$
Trichloroethylene	$\mu\text{g/l}$
Perchloroethylene	$\mu\text{g/l}$
Benzene	$\mu\text{g/l}$
Carbon tetrachloride	$\mu\text{g/l}$
Toluene	$\mu\text{g/l}$
Polychlorinated biphenyls	$\mu\text{g/l}$
Volatile acids	mg/l

Ordered by

Raymond M. Hertel  
Executive OfficerAugust 23, 1982

Date

1/ Although field determination is the preferred procedure for pH in the presence of dissolved carbon dioxide, pH may be determined in the laboratory if the total elapsed time between sampling and testing is less than 6 hours and the sample is properly sealed during transit. Each report shall certify and the sample is properly sealed during transit. Each report shall certify that these conditions were met if laboratory determination of pH was done in lieu of field determination.

2/

Field determination.

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
LOS ANGELES REGION

GENERAL MONITORING AND REPORTING PROVISIONS

1. All sampling, sample preservation, and analyses shall be performed in accordance with the latest edition of "Guidelines Establishing Test Procedures for Analysis of Pollutants", promulgated by the United States Environmental Protection Agency.
2. All chemical, bacteriological, and bioassay analyses shall be conducted at a laboratory approved for such analyses by the Executive Officer.
3. Effluent samples shall be taken downstream of any addition to the treatment works and prior to mixing with the receiving waters.
4. The discharger shall calibrate and perform maintenance procedures on all monitoring instruments and equipment to ensure accuracy of measurements, or shall ensure that both activities will be conducted.
5. A grab sample is defined as an individual sample collected in fewer than 15 minutes.
6. A composite sample is defined as a combination of no fewer than eight individual samples obtained over the specified sampling period. The volume of each individual sample is proportional to the discharge flow rate at the time of sampling. The sampling period shall equal the discharge period, or 24 hours, whichever period is shorter.
7. For every item where the requirements are not met, the discharger shall submit a statement of the actions undertaken or proposed which will bring the discharge into full compliance with requirements at the earliest time and submit a timetable for correction.
8. By January 30 of each year, the discharger shall submit an annual report to the Board. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous year. In addition, the discharger shall discuss the compliance record and the corrective actions taken or planned which may be needed to bring the discharge into full compliance with the waste discharge requirements.
9. The discharger shall maintain all sampling and analytical results, including strip charts; date, exact place, and time of sampling; date analyses were performed; analyst's name, analytical techniques used; and results of all analyses. Such records shall be retained for a minimum of three years. This period of retention shall be extended during the course of any unresolved litigation regarding this discharge or when requested by the Board.

10. In reporting the monitoring data, the discharger shall arrange the data in tabular form so that the data, the constituents, and the concentrations are readily discernible. The data shall be summarized to demonstrate compliance with waste discharge requirements and, where applicable, shall include results of receiving water observations.
11. Monitoring reports shall be signed by:
- a. In the case of corporations, by a principal executive officer at least of the level of vice-president or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which the discharge originates;
  - b. In the case of a partnership, by a general partner;
  - c. In the case of a sole proprietorship, by the proprietor;
  - d. In the case of a municipal, state or other public facility, by either a principal executive officer, ranking elected official, or other duly authorized employee.
12. Each report shall contain the following completed declaration:
- " I declare under penalty of perjury that the foregoing is true correct.
- Executed on the \_\_\_\_\_ day of \_\_\_\_\_ at \_\_\_\_\_.
- \_\_\_\_\_(Signature)
- \_\_\_\_\_(Title)"
13. The discharger shall mail a copy of each monitoring report to the following:
- California Regional Water Quality  
Control Board - Los Angeles Region  
107 South Broadway, Room 4027  
Los Angeles, CA 90012
- ATTN: Executive Officer
14. If no flow occurred (or no waste was deposited) during the reporting period, the report shall so state.
15. These records and reports are public documents and shall be made available for inspection during business hours at the office of the California Regional Water Quality Control Board, Los Angeles Region. Records or reports which might disclose trade secrets, etc., may be excluded from this provision as provided in Section 13267 (b) of the Porter-Cologne Water Quality Control Act, if requested.

## ATTACHMENT G

Facility Siting Criteria Evaluation Form, Dated March 7, 2017

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**LOS ANGELES COUNTY INTEGRATED WASTE MANAGEMENT TASK FORCE  
COUNTYWIDE SITING ELEMENT FACILITY SITING CRITERIA  
EVALUATION FORM**

**Facility Name:** Calabasas Landfill

**Location:** 5300 Lost Hills Road, Agoura, CA 91301

SITING FACTORS	GENERAL CRITERIA	COMPLIANCE		COMMENTS, IF ANY
		YES	NO	
<b>A. PROTECT THE RESIDENTS</b>				
Proximity to populations	Facility must be in conformance with local land use and zoning requirements of a county or city planning agency.	O		Landfill satisfies state and local policies. Operations began prior to the enactment of CEQA, thus its operation was exempt from CEQA pursuant to 14 CCR §15261.
	Construction of buildings or structures on or within 1,000 feet of a land disposal facility must contain a natural or manmade protective system.	O		There exist some homes within 1,000 of the fill area in the Saratoga Hills housing development. They appear to have been constructed in the early 1970's following the commencement of operations at the landfill, but prior to establishment of this regulatory requirement.
<b>B. ENSURE THE STRUCTURAL STABILITY AND SAFETY OF THE FACILITY</b>				
Flood hazard areas	Disposal facilities must comply with requirements of the Federal Clean Water Act, as amended and local Stormwater/Urban Runoff requirements.	O		The collection and conveyance system carries run-off to two natural drainage courses away from the landfill and to a Los Angeles County Flood Control District storm drain.



**LOS ANGELES COUNTY INTEGRATED WASTE MANAGEMENT TASK FORCE  
COUNTYWIDE SITING ELEMENT FACILITY SITING CRITERIA  
EVALUATION FORM**

	Land Disposal Facilities must be designed, constructed, operated, and maintained to prevent inundation or washout due to floods with a 100-year return period.	V		Using the Los Angeles County Flood Control District's Hydrology manual, the landfill was designed to sustain a maximum 24-hour precipitation from a 100-year frequency design storm flow. Precipitation averages 20.5 inches a year.
Areas subject to tsunamis, seiches, and storm surges.	Disposal facilities should avoid areas subject to such events unless designed, constructed, operated, and maintained to preclude failure due to such events.	V		Disposal site is located approximately nine miles from the Pacific Ocean, thus tsunamis are not a concern to the facility.
Proximity to active or potentially active faults/seismic	All facilities are to be designed and constructed in accordance with the local building code.	V		Landfill lies within a seismic impact zone and all containment structures are designed to resist the maximum peak horizontal accelerations (PHA) of 0.10g in 250 years, according to 40 CFR Part 258.14(b).
	New or expansion of Class III landfill is prohibited on a known Holocene Fault.	V		Landfill is not underlain by nor does it lie within 200 feet of any Holocene-aged faults.
Slope stability	Facilities should have engineered design safety features to assure structural stability.	V		Landfill cut slopes and refuse fill slopes are designed with a Factor of Safety of 1.5 or larger.

**LOS ANGELES COUNTY INTEGRATED WASTE MANAGEMENT TASK FORCE  
COUNTYWIDE SITING ELEMENT FACILITY SITING CRITERIA  
EVALUATION FORM**

Subsidence and liquefaction	All facilities should avoid locating in areas subject to such change unless designed, constructed, and maintained to preclude failure as a result of such change.	V		Area is not at risk of subsidence/liquefaction.
Dam failure inundation areas	Facilities should be located outside dam failure inundation areas.	V		Facility is not within a dam failure inundation area.
<b>C. PROTECT SURFACE WATER</b>				
Aqueducts and reservoirs	New and existing Class III landfills should be fitted with subsurface barriers, as well as, precipitation and drainage control facilities.	V		Six cement-bentonite subsurface barriers were installed at the site. Drainage was designed for a 24-hour precipitation from a 100-year frequency according to the Los Angeles County Flood Control.
Discharge of treated effluent	Facilities should be located in areas with adequate sewer capacity to accommodate the expected wastewater discharge. On site treatment should be considered if no sewers are available.	V		Landfill has fully sewerer sanitary facilities including stall showers and a locker room. Portable chemical toilets are provided for employees.

**LOS ANGELES COUNTY INTEGRATED WASTE MANAGEMENT TASK FORCE  
COUNTYWIDE SITING ELEMENT FACILITY SITING CRITERIA  
EVALUATION FORM**

	Facilities discharging into streams or into the ocean, directly or via storm drains, will require National Pollutant Discharge Elimination System Permits issued by the Regional Water Quality Control Board.	O		Site operates under an NPDES general permit (Permit No. CAS000001)
<b>D. PROTECT GROUNDWATER</b>				
Proximity to supply wells and well fields	Facilities must meet State of California's geologic setting criteria for ensuring no impairment of beneficial uses of surface water or of groundwater beneath or adjacent to the landfill.	O		There exist no community water wells used to supply potable water in the region around the landfill.
Depth to groundwater	All containment structures must be capable of withstanding hydraulic pressure gradients to prevent failure due to settlement, compression, or uplift.	O		Landfill is capable of withstanding hydraulic pressure.

**LOS ANGELES COUNTY INTEGRATED WASTE MANAGEMENT TASK FORCE  
COUNTYWIDE SITING ELEMENT FACILITY SITING CRITERIA  
EVALUATION FORM**

	Class III landfills should be fitted with containment structures that meet specified Federal and State permeability standards. Facility to be fitted with groundwater collection system and leachate collection and removal systems.	V		The liquid collection and removal system consist of a blanket-type drainage layer above the liner that drains liquids to a dendritic subdrain collection pipe system to ensure groundwater levels are maintained. Portions of the landfill were constructed prior to implementation of requirements for liner systems.
Groundwater monitoring reliability	Facilities must comply with the California RWQCB permit requirements for groundwater monitoring.	V		Extraction wells were installed up-gradient of each barrier, and monitoring wells downgradient. Landfill is operated under WDR Order No. R4-2009-0088, and MRP No. CI-4992, both adopted by the RWCQB on July 16, 2009.
Major aquifer recharge areas	Facilities must meet State of California's minimum requirements for ensuring no impairment of beneficial use of surface water or groundwater beneath or adjacent to landfill.	V		Site is under a Corrective Action Program – Waste Discharge Requirement Order No. R4-2009-0088.
Permeability of surficial materials	Class III landfills should be underlain by a composite liner, consisting of lower clay liner and upper synthetic membrane, and which is of sufficient thickness to prevent vertical movement of fluids including waste and leachate.	V		Landfill commenced operations prior to the enactment of Subtitle D and Title 27 regulations establishing performance standard for landfill liners. Approximately 111.6 acres of the 305 acre disposal footprint is unlined.

**LOS ANGELES COUNTY INTEGRATED WASTE MANAGEMENT TASK FORCE  
COUNTYWIDE SITING ELEMENT FACILITY SITING CRITERIA  
EVALUATION FORM**

Existing groundwater quality	Facility should meet California Water Quality Control Board's minimum water quality protection standards and criteria.	O		Samples collected downgradient of barriers 3, 4, and 6 indicate no landfill effect. Corrective action plans continue to be implemented at barriers 1, 2, and 5 where a landfill effect was noted.
<b>E. PROTECT AIR QUALITY</b>				
Prevention of significant deterioration (PSD) areas	Facilities located in regions which are classified under PSD regulation as major stationary sources will be required to submit to preconstruction review and apply the Best Available Control Technology.	O		No new construction is proposed.
Non-attainment areas	Facilities with air emissions located in non-attainment areas and emitting air contaminants in excess of established limits will require preconstruction review under New Source Review requirements and the obtaining of a Permit to Construct and a Permit to Operate from the AQMD.	O		No new construction is proposed. Landfill operates under a Title V permit, issued by SCAQMD.

**LOS ANGELES COUNTY INTEGRATED WASTE MANAGEMENT TASK FORCE  
COUNTYWIDE SITING ELEMENT FACILITY SITING CRITERIA  
EVALUATION FORM**

Landfill surface emissions	Class III land disposal facilities are subject to AQMD rules and regulations which includes installation of a landfill gas control system and perimeter monitoring probes, as well as, implementation of a monitoring program to ensure that landfill gas emissions do not exceed specified AQMD standards.	V		Perimeter probe monitoring system meets the requirements of 40 CFR Part 258.33 (subtitle D) and 27 CCR §20919. Monitoring programs implemented fulfill SCAQMD requirements as contained in its rule 1150.1 for landfills.
<b>F. PROTECTION OF ENVIRONMENTALLY SENSITIVE AREAS</b>				
Wetlands	Land disposal facilities should be located outside wetlands areas.	V		Facility is located outside of wetlands areas.
Proximity to habitats of threatened and endangered species	A facility should not locate in habitats of threatened or endangered species unless the local land use authority makes a determination that a proposed facility is compatible with the surrounding resources and does not pose a substantial threat to the resource.	V		This is an existing landfill that began operation prior to the implementation of NEPA and CEQA. Federally-listed endangered, unarmored three spine stickleback habitats the Los Angeles river and other creeks, but landfill does not pose a threat to this species.
Agricultural lands	A facility located in areas zoned for agricultural uses must obtain a local land use permit from the local jurisdiction.	V		No significant agricultural land is near the landfill.

**LOS ANGELES COUNTY INTEGRATED WASTE MANAGEMENT TASK FORCE  
COUNTYWIDE SITING ELEMENT FACILITY SITING CRITERIA  
EVALUATION FORM**

<p> <input type="checkbox"/> Natural, recreational, cultural, and aesthetic resources </p>	<p>Facilities should avoid locating in these areas unless the applicant can demonstrate that a facility is compatible with the land use in the area.</p>	<p>V</p>		<p>The facility is located adjacent to the Santa Monica Mountains National Recreation Area (SMMNRA). Therefore, the landfill's slopes landscape consist of native vegetation and the visual appearance is that of a low-profile textured grassy mesa.</p>
<p> <input type="checkbox"/> Significant ecological areas </p>	<p>Location of a proposed facility must abide by Federal and State regulations regarding unique or protected species and their habitat.</p>	<p>V</p>		<p>The facility is located adjacent to the SMMNRA, which is designated as an SEA. The landfill operates under a Special Use Permit issued by the National Park Service.</p>
<p><b>G. ENSURE SAFE TRANSPORTATION OF SOLID WASTE</b></p>				
<p> <input type="checkbox"/> Proximity to areas of waste generation </p>	<p>Facilities should be centrally located near watershed areas to minimize potential impacts associated with greater travel distances.</p>	<p>V</p>		<p>The County of Los Angeles' ordinance No. 91-0003 limits the use of the Landfill to preserve the disposal capacity to the landfill for the surrounding communities.</p>
	<p>Alternate transportation, by rail, may be evaluated in regard to specific sites to be located at distant areas from the watershed.</p>	<p>V</p>		<p>Landfill has no need to use alternate transportation.</p>
<p> <input type="checkbox"/> Distance from major route </p>	<p>Distance traveled on minor roads should be kept to a minimum.</p>	<p>V</p>		<p>The distance from the 101 Ventura Freeway is 0.9 miles with minimal minor road use.</p>

**LOS ANGELES COUNTY INTEGRATED WASTE MANAGEMENT TASK FORCE  
COUNTYWIDE SITING ELEMENT FACILITY SITING CRITERIA  
EVALUATION FORM**

Structures and properties fronting minor routes	Facilities should be located such that any minor routes from the major route to the facility by trucks, and the number of nonindustrial structures is minimal.	(		Internal roads are restricted to site personnel and related use. All refuse vehicles are required to use Lost Hills Road, off the 101 Ventura Freeway, for access to the landfill.
Highway accident rate	The minimum time path from major watershed areas to facility should follow highways with low to moderate average annual daily traffic and accident rates.	(		Location of Calabasas Landfill requires most users to use the 101 Ventura Freeway and Lost Hills Road for access.
Capacity vs. average Annual Daily Traffic (AADT) of access roads	The changes in the ratio capacity to AADT should be negligible after calculating the number of trucks on the major and minor routes expected to service the facility.	(		The 101 Ventura Freeway has an average Annual Daily Traffic of 308,000 vehicles. The facility serves an average of approximately 350 vehicles per day.



**LOS ANGELES COUNTY INTEGRATED WASTE MANAGEMENT TASK FORCE  
COUNTYWIDE SITING ELEMENT FACILITY SITING CRITERIA  
EVALUATION FORM**

H. PROTECT THE SOCIAL AND ECONOMIC DEVELOPMENT GOALS OF THE COMMUNITY				
<p>Consistency with General Plan</p>	<p>The proposed facility must be consistent with the County or City General Plan. Also, it must be in conformance with the Countywide Siting Element of the County of Los Angeles, by obtaining FOC granted by Los Angeles County Solid Waste Management Committee/ Integrated Waste Management Task Force.</p>	<p>O</p>		<p>Facility is Consistent with General Plan.</p>

Michael Harmon  
Reviewer

Sr. Civil Engineering Assistant  
Title

05/07/2017  
Date

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Gabriel Esparza  
Reviewer

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# ATTACHMENT H

Exhibit "A" Site Plan, Dated August 17, 2017

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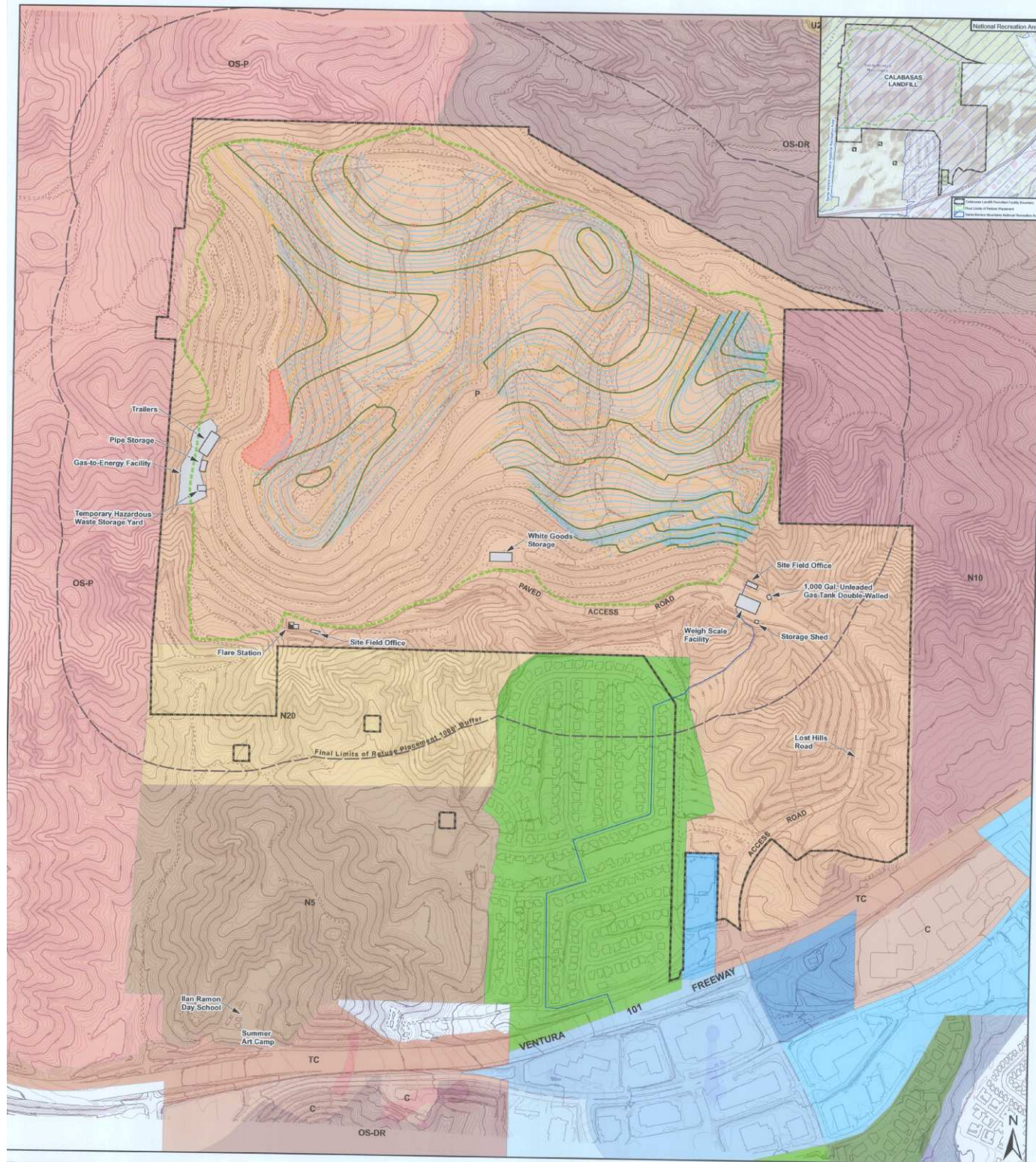


Exhibit A

## Calabasas Landfill

### LEGEND

- Office Sewer Line
- Calabasas Landfill Permitted Facility Boundary
- Equipment Yard
- Final Limits of Refuse Placement
- Final Limits of Refuse Placement 1000' Buffer

### Final Fill Plan

- Final Fill Contour 25ft
- Final Fill Contour 5ft

### DPW Land Use Boundary

- C - Commercial
- N10 - Mountain Lands 10 (1 du/10 ac max)
- N20 - Mountain Lands 20 (1 du/20 ac max)
- N5 - Mountain Lands 5 (1 du/5 ac max)
- OS-DR - Open Space Deed Restricted
- OS-P - Open Space Parks
- P - Public and Semi-Public Facilities
- TC - Transportation Corridor
- U2 - Residential 2 (2 du/ac max)

### Calabasas Land Use Boundary

- B-BP, Business-Business Park
- B-R, Business-Retail
- MU, Mixed Use
- OS-RP, Open Space-Resource Protection
- PF-I, Public Facilities- Institutional
- PF-R, Public Facilities- Recreational
- R-MF, Residential-Multiple Family
- R-SF, Residential-Single Family



# ATTACHMENT I

Calabasas Landfill Joint Technical Document, Section 5 – Design and Construction  
Standards for Perimeter Monitoring Wells and Probes, revised February 2016

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**CALABASAS LANDFILL**

**JOINT TECHNICAL DOCUMENT**

Prepared by:  
County Sanitation Districts of Los Angeles County  
1955 Workman Mill Road Whittier, CA 90601

Grace Robinson Hyde  
Chief Engineer & General Manager

June 2014  
Revised February 2016

After construction of final cover, a certified CQA Report will be submitted to the RWQCB and LEA acknowledging that: (i) the work has been performed in compliance with the Construction Drawings or site cover plans, the Technical Specifications, and approved changes; (ii) physical sampling and testing have been conducted at the appropriate frequencies in accordance with the CQA Plan; and (iii) the document provides the necessary supporting information. The CQA Report will meet the requirements specified in 27 CCR §§ 20323 and 20324.

### **5.10 Landfill Gas Control and Monitoring**

Landfill gas is the product of the natural anaerobic (biological) decomposition of solid waste. It is comprised primarily of methane and carbon dioxide. SCAQMD Rule 1150.1 requires that landfill gas be collected and properly managed in order to control emissions and odors, and to prevent public health and safety hazards.

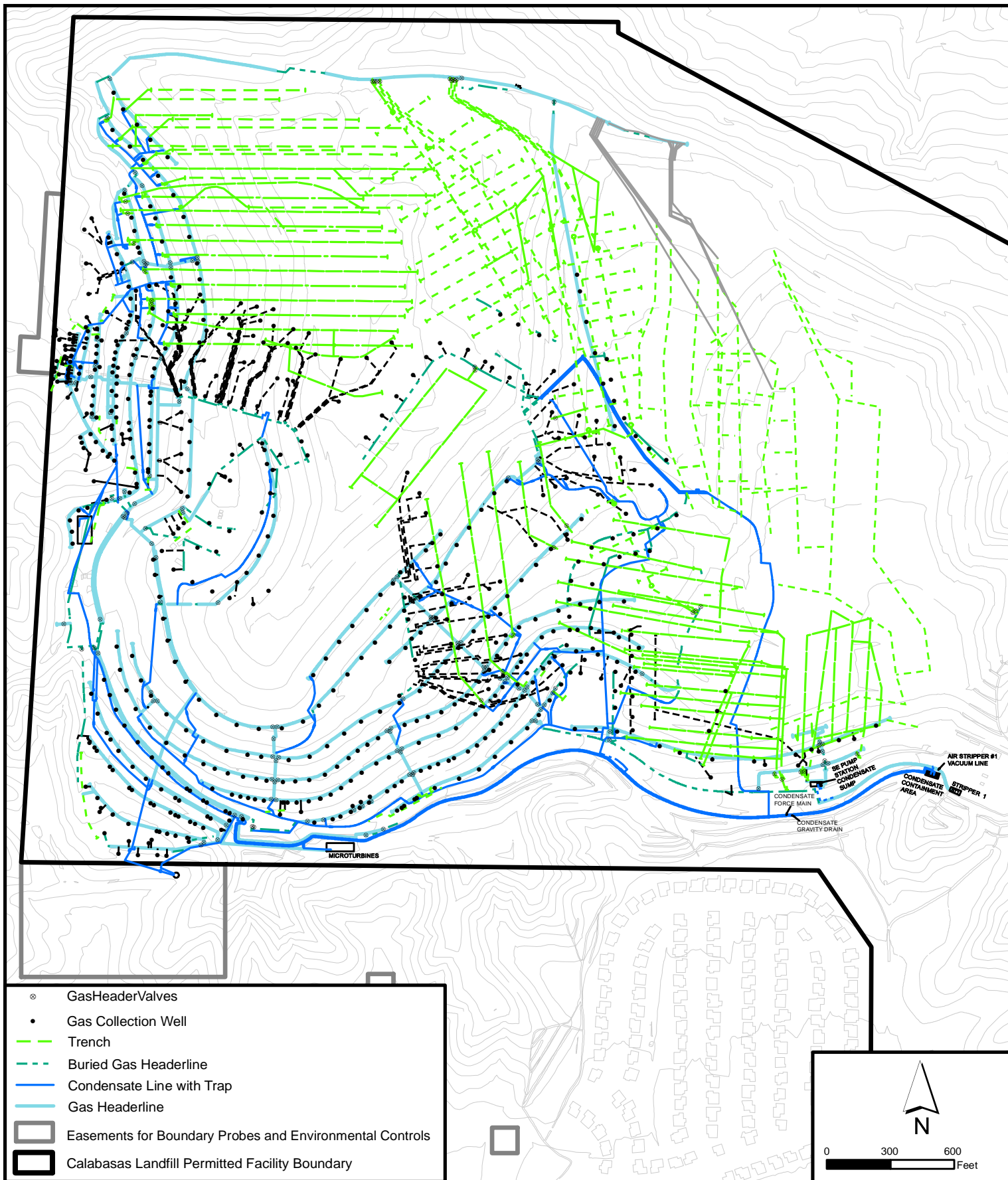
At the Calabasas Landfill, wells and trenches have been constructed into the landfill to collect landfill gas. These collectors are attached to header lines on the landfill surface. The header lines are placed under a vacuum, which draws landfill gas from the landfill to a central location for proper management. The landfill gas collection system is extended from time to time as refuse cells are constructed. The layout of the existing gas collection and control system is shown in Figure 5-6. Landfill gas is currently combusted at the GTE facility or in one or more of the nine flares at the flare station if the GTE facility is down for maintenance.

The overall design objective of the landfill gas collection and control system is to apply sufficient vacuum to the system so that a pressure gradient is created around each well or trench to draw gas from the refuse into the collection system. Optimum design of the system prevents potential subsurface migration or escape of landfill gas to the atmosphere. The key design elements which assure that this goal is met are: (1) well and trench spacing, (2) well depth, (3) well and trench construction, (4) pipe connections, and (5) header line construction.

Installation of the gas control system began in the mid-1980s and continues to be installed in phases. The gas collection system is designed as a loop system to facilitate adjustments to the system to optimize performance. Adjustments occur as additions are made to the system and in response to changing conditions in the fill areas. The direction of gas flow through the system can change as different system configurations are developed, but ultimately flow is directed to the GTE facility and flare station.

Approximately 5,500 standard cubic feet per minute (scfm) of landfill gas at 27 to 35 percent methane is captured by the gas control system. The existing system consists of approximately 673 vertical gas collection wells, of which 497 are active, and approximately 101,344 linear feet of horizontal gas collection trenches. The trenches have internal piping systems, which are connected to the header lines installed on completed slopes and top deck areas of the landfill. The vacuum placed on the trenches results in the withdrawal of landfill gas from within the landfill. The trenches act as horizontal gas withdrawal wells and are effective in the removal of landfill gas. After several additional refuse lifts are placed, additional trenches and wells will be installed to collect the gas generated from the newer placed fill.





Existing Landfill Gas Control System

FIGURE 5-6

Most of the wells on the lower slopes have been installed to a depth slightly less than the refuse thickness. Typical well depths on upper slopes range from 60 to 100 feet; however, some shallow wells at the site have a depth of as little as 30 feet. A borehole is typically 30 inches in diameter. The annular space between the well casing and the borehole is backfilled with clean gravel to between 20 and 40 feet below the ground surface. Prior to 1989, the borehole space above the refuse was sealed with a combination of soil and low swelling bentonite clay, then backfilled with on-site soil and compacted. From 1989, one of two seal configurations has been used to further reduce the potential for air infiltration. Either the entire area above the refuse is backfilled with on-site soil and compacted, or layers of bentonite clay, soil, and lean concrete are placed, with subsequent backfilling with soil, and compacted. A cross-section of the current typical gas collection well is depicted in Figure 5-7.

Typically, trenches are positioned 100 to 250 feet apart in the horizontal direction. Trenches consist of alternating 12-inch and 15-inch sections of corrugated steel pipe placed loosely together. Landfill gas is drawn in through the annular openings between the pipes then conveyed to gas header pipes. Each layer of trenches extends to the surface and connects to gas header pipes in the same way as gas wells. A cross-section of a typical gas collection trench is shown on Figure 5-8.

Landfill gas header lines are made of polyvinyl chloride (PVC) or HDPE pipe ranging from 6- to 24-inches in diameter. Either glued couplings or gasket joints with a long bell and spigot are used to join adjacent PVC pipe sections. The gasket joints are designed to accommodate minor movements in the pipe sections due to landfill settlement or thermal expansion/contraction.

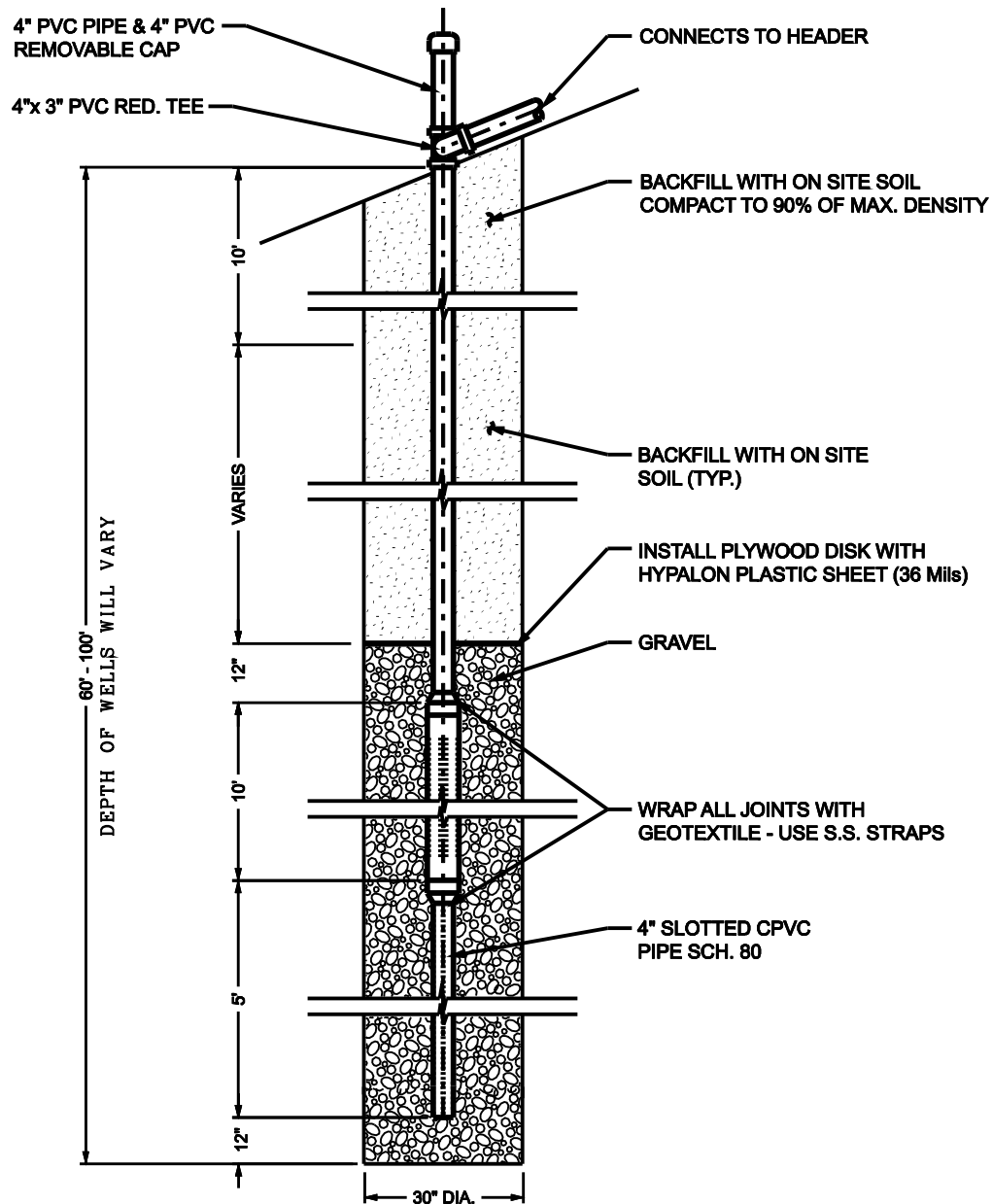
Pipe connecting the gas extraction well and horizontal gas trench to the gas collection header typically consists of 3-inch (wells) and 4-inch to 8-inch (trenches) PVC or HDPE pipe and a flexible coupling. The flexible connection reduces the potential for pipe separation, which could occur due to landfill settlement or thermal expansion/contraction.

#### 5.10.1 Flare Station (back up to Gas to Energy)

The existing Calabasas Landfill flaring station consists of nine flares. In addition, the flaring station has three gas blowers and two propane tanks for igniting the flares. Each of the flares consists of a vertical, cylindrical, refractory-lined vessel with main and ignition burners located near the base. The ignition burners fire propane and landfill gas. The six flares (1,000 scfm in capacity) are 8 feet in diameter and 16 feet in height, while the three flares (1,500 scfm in capacity) are 8 feet in diameter and 32 feet in height. The flares are equipped with inlet air dampers to control the flow of combustion air to the burners. Thermocouples are installed to provide temperature indication for control. When the flare station is operated there are typically three 1,500 scfm flares at maximum capacity; and the six 1,000 scfm flares on a three-flare rotation to handle the remainder of the flow from the gas system.

#### 5.10.2 Gas-To-Energy Facility

A GTE facility has been constructed on the west side of the landfill site and has been in operation since July 2010. The GTE facility uses three Solar Mercury Model 50 gas turbines and associated landfill gas



NOTE:  
PROVIDE (2) CENTRALIZERS LOCATED  
@ 1/4 POINT AND 3/4 POINT OF EACH  
LENGTH OF SLOTTED PIPE.

NOT TO SCALE

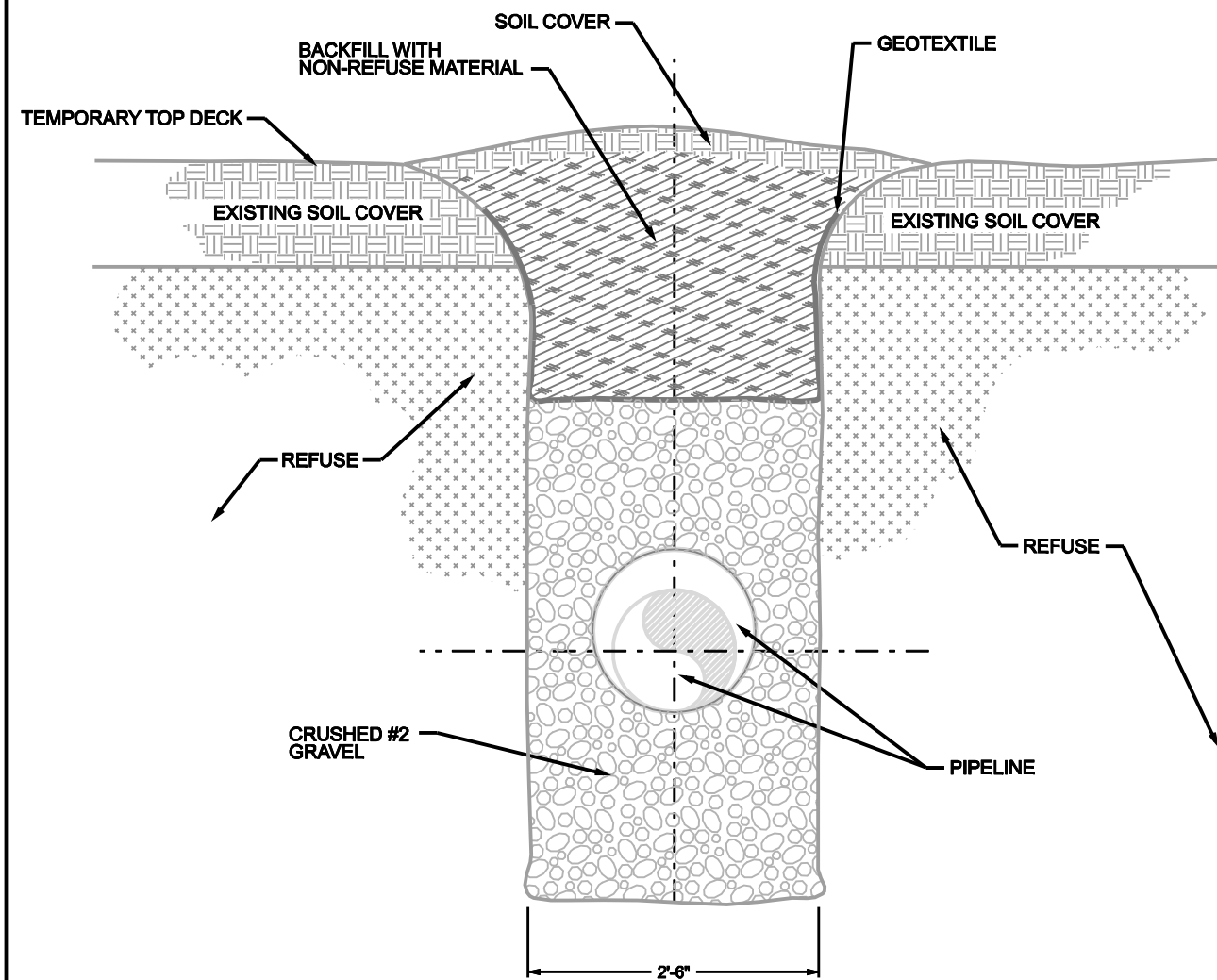
Source: Sanitation Districts of Los Angeles County, 2001

n:\lrm12\ca\cardel\_2001\gaswell.xsec.dgn

Cross-Section of Typical Landfill Gas Collection Well

FIGURE 5-7

CALABASAS LANDFILL  
COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY



Source: Sanitation Districts of Los Angeles County, 2001

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Cross-Section of Typical Landfill Gas Collection Trench

FIGURE 5-8

CALABASAS LANDFILL  
COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

compression and treatment system to generate a gross power output of 7 megawatts (MW) (peak) utilizing 5,500 scfm of landfill gas. The development of this renewable bioenergy facility meets the intent of the Governor's Executive Order S-06-06, which mandates the greater use of biomass resources to produce renewable power to satisfy California's energy needs. Since it has been operational, all of the landfill gas has been diverted to the GTE facility. The net power production from the plant is 50 MW-hr per year. A number of noise mitigation measures have been implemented throughout the various components of the GTE culminating with the installation of two exhaust stack silencers in October 2012 with the third and final silencer being installed in March 2013.

#### 5.10.3 Landfill Gas Monitoring System

Landfill gas monitoring at the Calabasas Landfill includes an off-site gas migration program involving the monitoring of probes installed around the perimeter of the site, and landfill site structure and perimeter probe monitoring to meet the requirements of 40 CFR Part 258.23 (Subtitle D) and 27 CCR §20919 et seq., and landfill gas monitoring programs to fulfill requirements of the SCAQMD as contained in its Rule 1150.1 for gaseous emissions from active landfills. SCAQMD monitoring programs for off-site gas migration, ambient air quality, surface gas emissions, landfill gas quality, and landfill gas combustion efficiency have been implemented at the Calabasas Landfill since January 1989. In addition, pursuant to Rule 1150.1 Compliance Plan submitted in July 2011, well head pressure monitoring and component leak checking are also performed at the site. Monitoring data is reported to the SCAQMD and the LEA on a quarterly basis. All ongoing landfill gas monitoring programs are described in the sections that follow.

##### ***5.10.3.1 Perimeter Probe Gas Monitoring***

A landfill gas migration monitoring program was established to ensure the containment of methane through the installation of landfill gas monitoring perimeter probes around the boundary of the site. The gas migration monitoring program was developed in accordance with 27 CCR §§ 20923 and 20925. Regulatory approval, permitting, monitoring, and reporting of the gas migration program are managed through both the LEA and the SCAQMD 1150.1 Rule, which controls gaseous emissions for municipal solid waste facilities. In addition, the monitoring probes were evaluated in accordance with the Solid Waste Assessment Test (SWAT). Results of the air SWAT monitoring determined that no off-site landfill gas migration is taking place.

The system was designed and installed under the direction of a California Registered Civil Engineer and/or a California Certified Engineering Geologist. The spacing intervals were determined after a review of the Calabasas geologic conditions, local land uses, and distances to these uses. The depths of the probes were based on the local depths to groundwater and the depth to unweathered bedrock, which ever was encountered first during probe installation. Each probe's perforated section length and installation depth was designed based on the permeability of geologic materials encountered during probe installation. All probes are currently monitored on a monthly basis.

In 2010 the Sanitation Districts augmented the original landfill gas perimeter well system that had been successfully used to monitor the landfill perimeter since 1982. This augmentation involved the addition

of 10 new, state-of-the-art landfill gas probes. The design of the new landfill gas probes, all in accordance with prescriptive standards of 27 CCR §20925, their depths, spacing and relation to potential geologic subsurface transmitters of landfill gas as well as the rationale for the integration of the new gas probes into the existing monitoring system was laid out in detail in the “Calabasas Landfill Amended Compliance Plan for Active Disposal Site Gas Monitoring and Control” (Amended Compliance Plan) prepared by the Sanitation Districts for the former CIWMB. On October 5, 2009, the Sanitation Districts received CIWMB approval to implement the Amended Compliance Plan. The approved current monitoring system of 23 probes is shown in Figure 5-9 and located as described in Table 5-1. Some probes are located in the 14.4 acres of easements.

**TABLE 5-1: GAS PERIMETER PROBES**

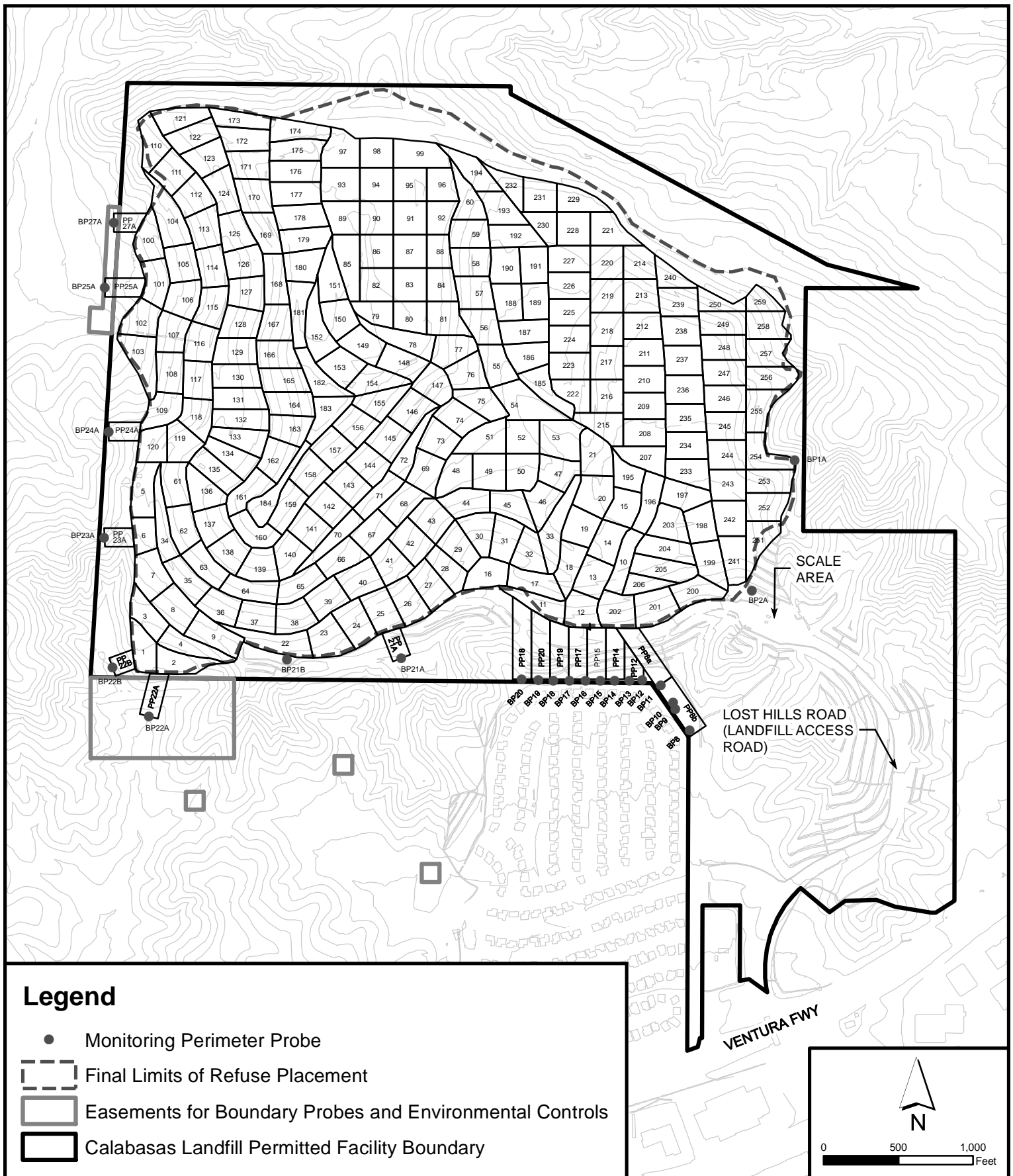
<b>Well ID</b>	<b>NAD83</b>		<b>NAVD88 Elevation (feet msl)<sup>a</sup></b>	<b>Distance between Probes (feet)<sup>b</sup></b>			
	<b>North (feet)</b>	<b>East (feet)</b>					
BP1A	1878229	6347105	1,187	BP1A	to	BP2A	920
BP2A	1877355	6346818	987	BP2A	to	BP11	879 <sup>c</sup>
BP8	1876424	6346402	874	BP8	to	BP9	172
BP9	1876566	6346305	882	BP9	to	BP10	44
BP10	1876608	6346292	884	BP10	to	BP11	141
BP11	1876722	6346209	886	BP11	to	BP12	130
BP12	1876758	6346084	886	BP12	to	BP13	84
BP13	1876753	6346001	887	BP13	to	BP14	100
BP14	1876752	6345901	884	BP14	to	BP15	96
BP15	1876754	6345805	887	BP15	to	BP16	99
BP16	1876755	6345706	891	BP16	to	BP17	108
BP17	1876754	6345598	902	BP17	to	BP18	107
BP18	1876754	6345491	911	BP18	to	BP19	98
BP19	1876757	6345392	916	BP19	to	BP20	114
BP20	1876764	6345279	918	BP20	to	BP21A	817
BP21A	1876903	6344473	1,129	BP21A	to	BP21B	766
BP21B	1876896	6343707	1,126	BP21B	to	BP22A	1000
BP22A	1876513	6342784	929	BP22A	to	BP22B	410
BP22B	1876842	6342540	1,000	BP22B	to	BP23A	870
BP23A	1877711	6342484	1,226	BP23A	to	BP24A	708
BP24A	1878418	6342515	1,207	BP24A	to	BP25A	965
BP25A	1879382	6342490	1,046	BP25A	to	BP27A	438
BP27A	1879816	6342549	1,074	BP27A	to	BP1A	4,824 <sup>c</sup>

Notes:

<sup>a</sup> msl = mean sea level, rounded to nearest whole number

<sup>b</sup> Distance rounded to the nearest whole number

<sup>c</sup> Alternative compliance boundary approved by CalRecycle



**Surface Gas Monitoring Grid and Landfill Gas Migration Monitoring Perimeter Probes**

**FIGURE 5-9**

The design and functionality of the landfill gas monitoring system at Calabasas Landfill are defined by site-specific, unique geologic conditions beneath the landfill. Specifically, the geologic conditions are defined by the presence of a massive, sandy, high-permeability conglomerate that transects broad portions of the north-central landfill subsurface in a west-northwesterly strike direction at an inclination (dip) towards the northeast. As such the conglomerate serves as a potential landfill gas conduit that short-circuits all other geologic materials beneath the site because of its relative high permeability. Moreover, the conglomerate is stratigraphically positioned between clay-rich shale, interbedded with pure bentonite and densely indurated dolomite of exceptionally low-permeability to the north, and low-permeability shale with sandstone and siltstone interbeds to the south.

The structural orientation and relatively high permeability make the conglomerate a preferential conductor for most landfill gas potentially emanating from the base of the landfill. Therefore, this conglomerate is being strategically intercepted along the western and eastern landfill boundaries for monitoring purposes. Landfill gas perimeter monitoring probes BP27A and BP1A were installed to accomplish this (Figure 5-9).

Its exceptionally low permeability, intercalation by very low-permeability bentonite and dolomite beds and its dip direction perpendicular to any northerly landfill gas flow make the northern shale a robust and thick geologic barrier for landfill gas flow along the entire northern and northeastern landfill perimeter. Therefore, the Sanitation Districts did not install any monitoring probes along the northern permitted facility boundary of Calabasas Landfill, with approval by CalRecycle.

Similarly, the southern shale exhibits a range of very low permeability values, especially when compared to those of the overlying conglomerate. The permeability contrast between the southern shale and the north-central conglomerate further amplifies the conglomerate's transmissibility for landfill gas such that it will act as a preferential short-circuit for gas flow. The Sanitation Districts recognized that the presence of several sandstone and siltstone strata within the southern shale deposit could potentially transmit landfill gas in southerly, easterly or westerly directions away from the landfill. To monitor for any potential landfill gas releases through the southern shale, the Sanitation Districts installed perimeter monitoring probes BP2A, BP21A, BP21B, BP22A, BP22B, BP23A, BP24A and BP25A (Figure 5-9).

There exist two engineered earthen fill deposits at Calabasas Landfill that could potentially represent preferential landfill gas conductors. The Sanitation Districts are monitoring these fills with new perimeter LFG monitoring probes BP1A and P22A (Figure 5-9).

The Sanitation Districts incorporated a total of 13 existing landfill gas monitoring probes, BP8 through BP20, all located along the southeastern landfill perimeter (Figure 5-9), into the new, amended landfill gas perimeter monitoring network. These existing probes are very closely spaced, extend to depths greater than the lowest depth to refuse at the landfill and are situated adjacent to the Saratoga Hills residential development. Thus, the Sanitation Districts' landfill gas monitoring activities are protecting the occupants of the housing development from any potential LFG impacts.

The new and improved landfill gas monitoring probe network has achieved compliance with all critical prescriptions and/or allowances for alternatives as contained in 27 CCR §20925(a)-(d). Installation



depths of new landfill gas monitoring probes was controlled by the depths to competent bedrock, first-encountered groundwater or the lowest base-grade elevation of adjacent landfill cells, whichever was encountered first during exploratory drilling. Minimum installation depths of individual monitoring probes was controlled by the design lengths of well screen sections and the thicknesses of environmental seals and sandy filter packs, but also by the presence of any high-permeability bedrock zones, when they were discovered during exploratory drilling. In accordance with 27 CCR §20925 (d), a California Certified Engineering Geologist (CEG) logged each borehole during exploratory drilling and determined the depth to competent bedrock and first-encountered groundwater in order to facilitate the final design of each landfill gas monitoring probe in the field. In accordance with 27 CCR §20925 (c)(1)(D), the specific depths of monitoring probes within each exploratory boring was adjusted as needed based on geologic data obtained during exploratory drilling. All probes were positioned at depth adjacent to earth materials identified by the logging CEG as being the most conducive to gas flow.

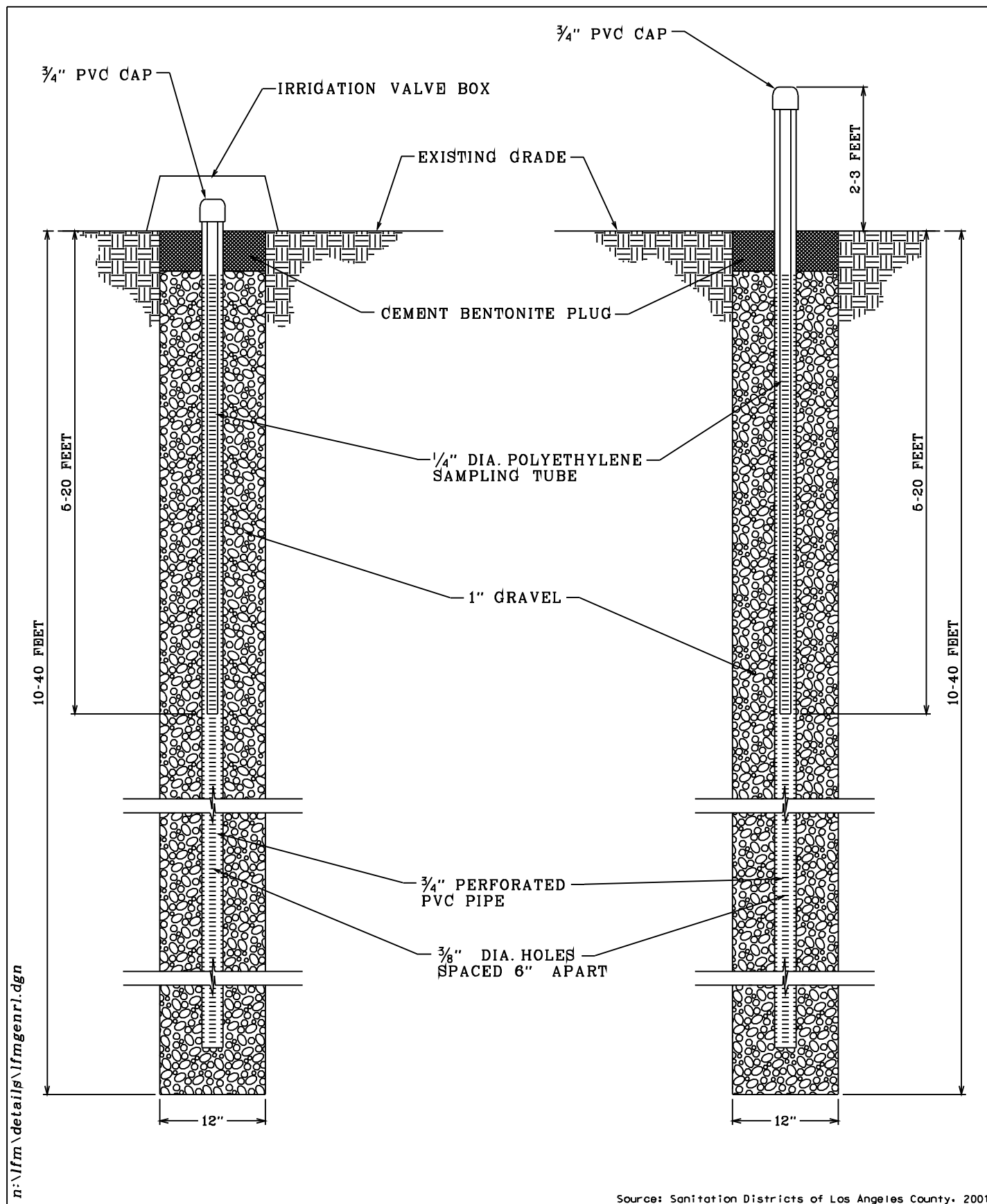
A typical probe design is shown on Figure 5-10. The probe consists of a PE sampling tube and a PVC casing. The casing is 3/4-inch in diameter and extends to the design probe depth. It typically also extends two to three feet above the ground surface for convenient sampling. Irrigation valve boxes are used where necessary to protect the top of the casing from damage. The buried portion is perforated beginning at a depth of one foot below the ground surface. The perforations consist of 3/8-inch holes that are spaced about six inches apart. The sampling tube is 1/4-inch in diameter and extends to one half of the probe depth. The design of the probes satisfies CalRecycle criteria.

A probe is installed in the following manner: each well borehole is drilled to the proposed probe depth. During exploratory drilling a CEG collects soil and bedrock samples and provides geologic logging services. The resulting geologic log is then used to design the installation depths of perforated sections for individual probe casings. The assembled probe casings are then placed through the center of the borehole annulus and the annular space is backfilled with one-inch diameter gravel. Five-feet thick cement and bentonite seals are strategically placed within each borehole around the PVC piping to separate discrete subsurface monitoring zones from each other and the ground surface.

Each of the 23 monitoring probes is monitored for total organic compounds (TOC) measured as methane TOC using a dual range natural gas indicator, which is essentially two instruments combined into one. The instrument uses a catalytic detector to respond to flammable gases up to five percent as methane. It also uses a thermal conductivity indicator for higher readings up to 100 percent methane. With the probes sealed, gas is evacuated and monitored with the meter until the methane concentration remains constant for at least 30 seconds.

Results of the monthly probe TOC monitoring are reported to the LEA quarterly and records for each monitoring probe are maintained in the operating record at the Sanitation Districts' Joint Administration Office located at 1955 South Workman Mill Road, Whittier, CA 90601.

In addition to the TOC monitoring, to comply with SCAQMD Rule 1150.1, each quarter a 10-liter bag sample is also collected from one randomly selected probe. The sample is collected in a Tedlar bag over a continuous ten minute period using EPA Method 18 or an equivalent method. The sample is field



Design of Typical Landfill Gas Monitoring Probe

FIGURE 5-10

**CALABASAS LANDFILL**

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

NOT TO SCALE

analyzed for TOC and laboratory analyzed for selected toxic air contaminants (TACs) within 72 hours of sampling.

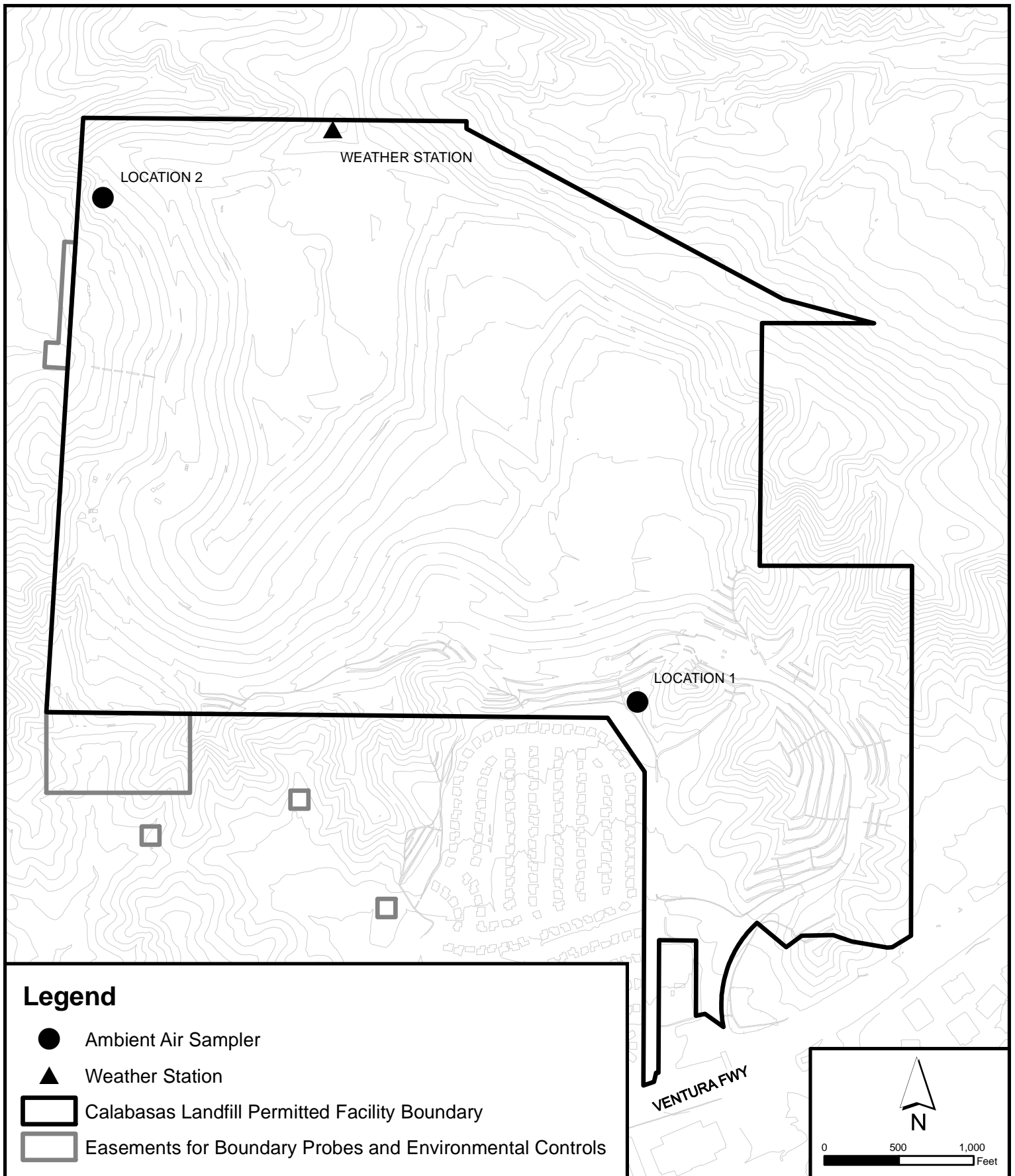
### ***5.10.3.2 Structure Monitoring – Subtitle D Requirements***

On October 9, 1993, Federal Regulations regarding structures and perimeter probe monitoring under the requirements of 40 CFR Part 258 became effective at all active landfill sites. There are two subsections under 40 CFR Part 258. 40 CFR Part 258.23 pertains to “Explosive Gases Control”, and 40 CFR Part 258.29 pertains to “Recordkeeping Requirements”.

40 CFR Part 258.23 requires that landfill facility structures and perimeter probes be monitored as part of a routine monitoring program. The objective of the program is to ensure that the concentration of methane in site facilities does not exceed 25 percent of the lower explosive limit (LEL) and the concentration in boundary probes does not exceed the LEL. LEL is considered as five percent TOC concentration as methane. The type and frequency of monitoring is determined based on the soil conditions surrounding the facility and the location of facility structures and property boundaries. The minimum monitoring frequency for facility structures is quarterly per 40 CFR Part 258.23. However, based on the location of the facility in relation to the filled refuse, soil conditions, frequency of use, and other factors, some facilities are monitored more frequently on a monthly basis. In conformance with 40 CFR Part 258 and 27 CCR §20931, all perimeter probes and frequently used facility structures are monitored each month at the Calabasas Landfill. The remaining structures are monitored quarterly.

### ***5.10.3.3 Ambient Air Monitoring***

Ambient air monitoring is conducted to sample and analyze the air adjacent to the landfill for possible air contaminants. The sampling locations for ambient air monitoring at the Calabasas Landfill are shown in Figure 5-11. Sampling locations provide good exposure to offshore and onshore wind flow patterns. Ambient air monitoring is performed as a 24-hour, one-day event on a quarterly basis. Two samplers are placed at each sampling location. Each sampler collects a 12-hour ambient air sample starting at approximately 10:00 a.m. using a self-contained portable sampling unit as specified by SCAQMD. Samples are collected in Summa stainless steel canisters. Sampling is conducted on days when stable and unstable meteorological conditions are representative for the season. Sampling is not conducted if there is rain, if the average wind speed is greater than 15 miles per hour for any 30-minute period, or if instantaneous wind speed is greater than 25 miles per hour. Wind speed and direction are measured and recorded at a permanent on-site weather station. The specifications for the wind monitoring equipment are summarized in Table 5-2. Collected samples are analyzed in the laboratory for TOC as methane using a flame ionization Total Vapor Analyzer (TVA) and for the TACs listed in Table 5-3 using gas chromatography within 72 hours of sampling. The ambient air sampling units are equipment approved by SCAQMD for compliance with its Rule 1150.1 requirements.



**Location of Ambient Air Sampler and Weather Station**

**FIGURE 5-11**

**Table 5-2**  
**SPECIFICATIONS OF WIND MONITORING EQUIPMENT**

Parts	Vendor Model	Specifications
Wind Speed and Direction Monitor	Climatronic 101282F460	Anemometer three cup assembly with 0-50 mph range and threshold of 0.75 mph. Wind vane with range 0-540 degrees and threshold of 0.75 mph
Continuous recorder	Climatronic 100388	Dual channel recorder
Mast	Climatronic 100253	Expandable 10-foot tripod mast

**Table 5-3**  
**TOXIC AIR CONTAMINANTS**

No.	Parameter	Formula
1	Acetonitrile	CH <sub>3</sub> CN
2	Benzene	C <sub>6</sub> H <sub>6</sub>
3	Benzyl Chloride	C <sub>6</sub> H <sub>5</sub> CH <sub>2</sub> Cl
4	Chlorobenzene	C <sub>6</sub> H <sub>5</sub> Cl
5	Dichlorobenzene	C <sub>6</sub> H <sub>4</sub> Cl <sub>2</sub>
6	1,1,-Dichloroethane (Ethylidene Chloride)	CH <sub>3</sub> CHCl <sub>2</sub>
7	1,2,-Dichloroethane (Ethylene Dichloride)	ClCH <sub>2</sub> CH <sub>2</sub> Cl
8	1,1-Dichloroethene (Vinylidene Chloride)	CH <sub>2</sub> :CCl <sub>2</sub>
9	Dichloromethane (Methylene Chloride)	CH <sub>2</sub> Cl <sub>2</sub>
10	Hydrogen Sulfide	H <sub>2</sub> S
11	Tetrachloroethylene (Perchloroethylene)	Cl <sub>2</sub> C:CCl <sub>2</sub>
12	Tetrachloromethane (Carbon Tetrachloride)	CCl <sub>4</sub>
13	Toluene	C <sub>6</sub> H <sub>5</sub> CH <sub>3</sub>
14	1, 1, 1-Trichloroethane (Methyl Chloroform)	CH <sub>3</sub> CCl <sub>3</sub>
15	Trichloroethylene	CHCl:CCl <sub>2</sub>
16	Trichloromethane (Chloroform)	CHCl <sub>3</sub>
17	Vinyl Chloride	CH <sub>2</sub> :CHCl
18	Xylene	C <sub>6</sub> H <sub>4</sub> (CH <sub>3</sub> ) <sub>2</sub>

#### **5.10.3.4 Integrated Surface Gas Monitoring**

Surface gas monitoring is conducted to sample and analyze the air just above the landfill surface for possible air contaminants and for evidence of excessive landfill gas emissions. Integrated surface gas monitoring involves the collection of samples within grids covering the entire landfill surface. Presently, 259 grids, each approximately 50,000 square feet in area, are located in the disposal area. There are also grids located along the perimeter probe sites that are monitored. The number of grids may change to reflect changes in the landfill topography and active operating area. The present layout of grids on the

landfill is shown in Figure 5-9. Additionally, instantaneous surface gas samples are collected at specific spots on the landfill surface to identify point source emissions of landfill gas.

Integrated surface gas monitoring is performed on a quarterly basis. During sampling, the inlet probe to the gas sampler is placed approximately zero to three inches above the landfill surface as the technician walks within the grid. Wind speed is recorded throughout the integrated surface gas sampling period. Integrated surface gas monitoring is not performed when the average wind speed is greater than five miles per hour or when it has rained within the last 72 hours at the site. All samples are measured for TOC as methane using a TVA or other approved instrument. Additionally, in compliance with SCAQMD requirements, during each quarter, at least ten percent of the integrated samples with TOC concentrations above 25 ppm as methane, or two samples if all the samples are below 25 ppm, are analyzed for TACs using gas chromatography. Mitigation measures are undertaken when integrated sampling for a grid shows concentrations in excess of 25 ppm as methane.

In addition to integrated surface gas sampling, instantaneous samples are collected each quarter at locations over the entire refuse fill area. This sampling is intended to identify specific locations where excessive landfill gas emissions may be occurring and where cover maintenance or other measures may be required. A survey of the entire landfill surface is made and suspected areas of point source emissions of landfill gas (such as visible cracks, fill interfaces, areas where landfill gas odors have been detected, or areas with high integrated surface gas monitoring results) are targeted.

Samples are collected from these areas using the same surface gas samplers used for integrated sampling. All samples are measured for TOC as methane using a TVA. Mitigation measures are undertaken when instantaneous sampling shows concentrations in excess of 500 ppm as methane at any point on the landfill surface. Typically, identified surface cracks and fissures are repaired by cover maintenance, which includes the addition of clean soil followed by watering down and subsequent mechanical compaction of the area.

#### ***5.10.3.5 Landfill Gas Monitoring***

In accordance with the requirements of SCAQMD Rule 1150.1, one 10-liter sample is collected quarterly from each main gas collection header line entering the flare station at the Calabasas Landfill.

Samples are collected in Tedlar bags over a continuous ten minute period using EPA Method 25. Samples are analyzed in the laboratory for TOC and selected TACs using gas chromatography within 72 hours of sampling.

#### ***5.10.3.6 Combustion Efficiency Testing***

Any collected landfill gas not utilized to produce electricity is efficiently disposed of by flaring at the flare station. To conform to SCAQMD requirements, the combustion efficiency of the flares is tested on a three-year cycle approved by SCAQMD.

# ATTACHMENT J

Litter Control Protocol

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## **Litter Control Protocol**

### **Purpose**

This litter control protocol provides Calabasas Landfill operators with the procedures to effectively manage and conduct litter control in adjacent off-site areas in the Santa Monica Mountains National Recreation Area (SMMNRA).

### **Background**

As part of routine operations, the Sanitation Districts perform miscellaneous functions such as traffic control and litter removal at Calabasas Landfill. A crew is assigned each day for litter patrol and removal, which includes monitoring and remove of litter from the immediate area where the trash is placed, also known as the working face. The crew also performs visual inspection along the road and litter removal as needed. In addition, a visual inspection is conducted within landfill property once a day. Areas adjacent to the landfill are also checked regularly for litter.

### **Patrol Areas and Frequency in SMMNRA**

Property immediately adjacent to landfill in SMMNRA visual inspection every two weeks for litter deposits and remove all litter found originating from the landfill to the extent feasible.

**High wind conditions:** During or immediately following high wind conditions, the litter crew will be dispatched to remove, to the extent feasible, any litter that has been blown to the edges of the landfill or off-site.

If the National Park Service (NPS) finds excessive litter at other times missed by regular clean-up, a litter crew will be dispatched within 48 hours of notification from the NPS. Sanitation Districts employees must remove all ground litter and litter trapped in trees and shrubs to the extent feasible. Notification to the Sanitation Districts regarding off-site litter in adjacent park areas will be responded to on or before the next operating day.

The Sanitation Districts will maintain a log indicating: 1) the date visual inspection of off-site areas is performed, 2) the name of the person conducting the inspection, and 3) a description of litter removal activities.

### **Point of Contacts**

	<b>Name</b>	<b>Position</b>	<b>Phone Number</b>
Primary	Gwen Tantoco	Site Engineer	818-991-4435
Alternate	Mike Smith	Site Superintendent	818-991-4435

# ATTACHMENT K

Biannual Solid Waste Monitoring and Reporting Form

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CATEGORY	MATERIAL TYPE	QUANTITY (TONS)			
		RESIDENTIAL	COMMERCIAL	INDUSTRIAL	TOTAL
PAPER	CORRUGATED CONTAINERS				
	MIXED PAPER				
	NEWSPAPER				
	HIGH GRADE LEDGER				
	OTHER PAPER				
PLASTICS	HIGH-DENSITY POLYETHYLENE (HDPE)				
	POLYETHYLENE TEREPHTHALATE (PET)				
	FILM PLASTICS				
	OTHER PLASTICS				
GLASS	REFILLABLE BEVERAGE GLASS				
	CALIFORNIA REDEMPTION VALUE GLASS				
	OTHER RECYCLABLE GLASS				
	OTHER NON-RECYCLABLE GLASS				
METALS	ALUMINUM CANS				
	BI-METAL CONTAINERS AND TIN CANS				
	FERROUS METALS				
	NON-FERROUS METALS INCL. ALUMINUM				
	WHITE GOODS				
YARD WASTE	LEAVES, GRASS, PRUNINGS				
OTHER ORGANICS	FOOD WASTES				
	TIRES & RUBBER PRODUCTS				
	WOOD WASTES				
	AGRICULTURAL CROP RESIDUES				
	MANURE				
OTHER WASTE	TEXTILES & LEATHER				
	INERT SOLIDS (CONCRETE, BRICK, SAND)				
	HOUSEHOLD HAZARDOUS WASTES				
SPECIAL WASTE	ASH				
	SEWAGE SLUDGE				
	INDUSTRIAL SLUDGE				
	ASBESTOS				
	AUTO SHREDDER WASTE				
	AUTO BODIES				
TOTAL					

# ATTACHMENT L

Form 13, Monthly Disposal Quantity Reporting Form

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## Page \_\_\_\_ of \_\_\_\_

## MONTHLY

**DISPOSAL QUANTITY REPORTING  
FOR USE BY LANDFILL OWNERS/OPERATORS  
ORIGIN SURVEY**

Reporting Month and Year: \_\_\_\_\_ Facility SWIS No.: \_\_\_\_\_ Facility Address: \_\_\_\_\_ Phone No.: \_\_\_\_\_ other \_\_\_\_\_

Facility Name: \_\_\_\_\_ Facility Contact Person (print): \_\_\_\_\_ Signature: \_\_\_\_\_ Continuous \_\_\_\_\_ Other (attach explanation) \_\_\_\_\_

Frequency of Survey (Check one only): \_\_\_\_\_ Daily \_\_\_\_\_

Methods used to determine jurisdiction of origin: \_\_\_\_\_ origin obtained from hauling company records \_\_\_\_\_ origin obtained from other facility operators \_\_\_\_\_ origin obtained from haulers at gatehouse \_\_\_\_\_

Total Tonnage of waste landfilled in the month as reported to the California Board of Equalization: \_\_\_\_\_ tons \_\_\_\_\_

Estimated in-place density \_\_\_\_\_ lbs/yd<sup>3</sup> and Waste-to-cover ratio \_\_\_\_\_ OR \_\_\_\_\_ Airspace utilization factor \_\_\_\_\_

## NAME OF JURISDICTION OF WASTE ORIGIN AND TONNAGE

J=Jurisdiction U=County Unincorporated Area (Indicate one)

[illegible]

**Notes:**

1. This form should be used by all landfill owners/operators operating in Los Angeles County.
2. No later than two and a half months after the end of each calendar quarter, the landfill owner/operator shall complete this form for each month in the quarter and forward them to the Los Angeles County Department of Public Works, Environmental Programs Division PO Box 1460, Alhambra, CA 91802-1460. **1-800-320-1771**
3. A copy of this form and all data used to complete this form must be retained by the landfill owner/operator for a period of three years and must be made available for review upon request during business hours.
  - \* "Disaster" means waste generated from a natural catastrophe such as an earthquake, fire, flood, landslide, or volcanic eruption, or, regardless of cause, any explosion, fire, or flood [Section 17210.1(c) in Title 14 of California Code of Regulations].
  - \* "Designated" means non-hazardous waste that consists of, or contains, pollutants that, under ambient environmental conditions at a waste management unit, could be released in concentrations exceeding applicable water quality objectives or that could reasonably be expected to affect beneficial uses of the waters of the state as contained in the appropriate state water quality control plan [Section 13173 of California Water Code].