SOLID WASTE FACILITY PERMIT

Facility/Permit Number: 48-AA-0075

1. Name and Street Address of Facility:	2. Name & Mailing Address of Operator:	3. Name & Mailing Address of Owner:
Potrero Hills Landfill 3675 Potrero Hills Lane Suisun, CA 94585	Potrero Hills Landfill, Inc. P.O. Box 68 Fairfield, CA 94533	Potrero Hills Landfill, Inc. P.O. Box 68 Fairfield, CA 94533

4. Specification:

a. Permitted Operations:

- ■ Solid Waste Landfill Site
- ☐ Transfer/ Processing Facility (MRF)
- ☐ Composting Facility _____
- ☐ Transformation Facility
- ☐ Other: _____

b. Permitted Hours of Operations:

Facility Operations/ Receipt of Waste:	Mon. – Fri 24 Hours.; Sat – Sun 4 am – 12 am
General Public Hours:	Mon. – Fri 8:30 am – 4:00 pm.; Sat – Sun 9 am – 4 pm
Ancillary Operations:	see JTD

c. Permitted Maximum Tonnage: (for Disposal)

- 3,400 tons per day averaged over 7 day week (7 day week means any consecutive 7 day period);
- 4,330 peak tons per day
- 250 tons per day of Sludge exceeding 50% moisture

d. Permitted Traffic Volume: (combined traffic for landfill and compost facility)

- 500 vehicles per day inbound averaged over 7 day week (7 day week means any consecutive 7 day period);
- 1,000 vehicles per day inbound peak traffic

e. Key Design Parameters (Detailed parameters are shown on site plans bearing LEA and CalRecycle validations):

	Total	Disposal footprint	Transfer Station	MRF	Composting	Transformation
Permitted Area (in acres)	525.7	340				
Design Capacity (cu. yards)		83.1 million				
Max. Elevation (Ft. MSL)		345 *				
Max. Depth (Ft. MSL)		130				
Estimated Closure Date		2048				

* *or such lesser amount as may be specified in any permit or order issued for the facility by another agency*

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

5. Approval:

Bill Emlen, Director
Solano County Department of Resource Management

6. Enforcement Agency Name & Address:

Solano County LEA
Department of Resource Management
675 Texas Street, Suite 5500
Fairfield, CA 94533

7. Date received by CalRecycle: FEB 2 2012

8. CalRecycle Concurrence Date: FEB 9 2012

9. Permit Issued Date:

10. Permit Review Due Date:

11. Owner/Operator Transfer Date: N/A

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12. Legal Description of Facility:

The Potrero Hills Landfill is located on approximately 525.7 acres in Sections 4, 9, 10 of Township 4N. Range 1W. Mount Diablo Basin & Meridian

13. Findings:

a. This permit is consistent with the Solano County Integrated Waste Management Plan, revised November 1995, amended and approved by CalRecycle. The location of the facility is identified in the Solano Countywide Siting Element, pursuant to Public Resources Code (PRC), Section 50001(a).

b. This permit is consistent with the standards adopted by 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 Enforcement Agency, pursuant to PRC 44009.

d. The Suisun Fire Department has determined that the facility is in conformance with applicable fire standards pursuant to PRC Section 44151.

e. The following EIR documents describe and support the design and operation of this facility.

i) Draft and Final Solano Garbage Company Landfill/Potrero Hills Landfill, Inc. Landfill Combined Environmental Impact Report. certified by the Solano County Planning Commission on May 16, 1996; State Clearinghouse No. 1993033012

ii) Draft and Final Potrero Hills Expansion Project Environmental Impact Report. certified by the Solano County Board of Supervisors on June 9, 2009; State Clearinghouse No. 2003032112, a Notice of Determination was filed with the State Clearinghouse on October 26, 2010

f. The operator has made proper notification to, and cooperates with Travis Air Force Base regarding the bird control program in conformance with 27 CCR, sections 20270 and 21600(b)(3)(A).

14. Prohibitions:

a. The permittee is prohibited from accepting the following wastes at the site:

Hazardous, radioactive material regulated by the CA Department of Public Health, friable asbestos, medical waste (as defined in Chapter 6.1, Division 20 of the Health and Safety Code), or other wastes requiring special treatment or handling, except as identified in the Joint Technical Document and approved amendments thereto and as approved by the enforcement agency and other federal, state, and local agencies with concurrent jurisdiction.

b. Scavenging is not permitted by customers or employees at this site due to safety concerns

c. Open burning shall not be permitted at the site.

d. At no time shall the handling of prohibited wastes found at the site, as a result of illegal or other disposal activities, be done by persons inadequately equipped or trained for that purpose.

e. Disposal shall occur only in those areas as described in the September 2011 JTD and approved amendments thereto and as approved by all appropriate regulating agencies.

f. New operations may not begin without prior submittal of amendments to the RFI, appropriate permit revision or modifications, and written approvals are received from the LEA and other appropriate agencies.

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15. The following documents describe and/or restrict the operation of this facility:

Document	Date	Document	Date
Potrero Hills Landfill Joint Technical Document	September 2011	Solano County General Plan Land Use and Circulation Element.	Aug. 1992 Updated Nov. 2008
Preliminary Closure/ Post-Closure Maintenance Plan	September 2011	Solano County Land Use Permit No. U-88-33	Sept. 2005 Updated June 2009
Draft and Final Solano Garbage Company Landfill/Potrero Hills Landfill, Inc. Landfill Combined Environmental Impact Report. State Clearinghouse No. 1993033012.	May 1996	Solano County Marsh Development Permit No. 88-09	Sept. 2005 Updated June 2009
Draft and Final Potrero Hills Expansion Project Environmental Impact Report. State Clearinghouse No. 2003032112	June 2009	Bay Area AQMD Permit to Operate Plant # 2039	renewed annually
BCDC Permit No. 3-10(M)	November 2010	Hazardous Material Business Plan	2007 reviewed annually
San Francisco Bay Area RWQCB Waste Discharge Requirements Order No. R2-2011-0032.	May 2011		

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16. Self Monitoring:

The owner/ operator shall submit the results of all self monitoring programs to the listed Agency within 25 days of the end of the reporting period or as otherwise specified.

Program	Reporting Frequency	Agency Reported to
1) Record of receipt of a Notice of Violation or any other legal enforcement action taken against the facility by any responsible regulatory agency	Within 24 hours of receipt	LEA
2) Copies of all written/ oral complaints regarding this facility and a summary of the operator's actions taken to resolve each complaint. Include weather data if applicable.	Within 24 hours of receipt	LEA
3) The types and quantities (in tons) of all materials, entering the facility per day (including conversion factors used for any materials not weighed); include the average tonnage calculated over a 7 day period and ADC tonnage received and used per day	Monthly	LEA
4) The types and quantities (in tons) of solid waste disposed at the site per day.	Monthly	LEA
5) The number of vehicles entering the facility per day for both the landfill and compost facility	Monthly	LEA
6) Log of special or unusual occurrences and nuisance conditions; i.e. accidents, injury, fires, explosions, hazardous waste incidents, unexpected shutdowns, etc and the operator's response to correct the problem. Include time of incident, source, final disposition of load, and weather data (temperature, wind speed, wind direction, weather condition)	Quarterly	LEA
7) Results of the load checking program, including quantities and types of hazardous wastes, medical wastes or otherwise prohibited wastes found in the waste stream and the disposition of these materials.	Quarterly	LEA
8) Bird control reporting program	Quarterly	LEA
9) Results of the landfill perimeter gas probe monitoring program	Quarterly	LEA
10) Groundwater monitoring report	Quarterly	LEA, RWQCB
11) Load check training program	Annual	LEA
12) An employee Health & Safety Training log with names of attendees, names of trainers, dates of training, course descriptions, duration of training and other relevant information	Annual	LEA
13) Annual Compliance Report which shall include: topographical map showing all filled areas of the facility, quantity of disposed waste for the preceding year in tons, total volume of waste capacity consumed as a result of waste disposal for the preceding year in cubic yards, remaining disposal capacity and site life capacity; fill sequencing plan for the forth coming year; and estimated closure date as of the date of information provided. Additionally, submit the most current list of personnel responsible for the operation of this facility include: emergency phone numbers, addresses for the manager, compliance officer, security guards and duty supervisors, as applicable.	Annual	LEA
14) Wet weather preparedness report/ winter operations plan	Annual – due by Oct. 1	LEA

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17. LEA Conditions:

1. All design and operational features in the September 2011 JTD and approved amendments thereto shall be considered LEA conditions under this section of the permit

2. The operator shall comply with all State Minimum Standards of solid waste handling and disposal as specified in Title 27, California Code of Regulations.

3. The LEA reserves the right to direct the operator to suspend or modify waste receiving and handling operations when deemed necessary due to an emergency, a potential health hazard, or the creation of a public nuisance

4. The operator shall maintain a log of special/unusual occurrences. This includes but it is not limited to, fires, earth slides, unusual and sudden settlement, injury and property damage accidents, explosions, and discharge of hazardous or other waste not permitted. Each log entry shall be accompanied by a summary of any actions taken by the operator to mitigate the occurrence. The log shall be available to site personnel and the LEA at all times.

5. If nuisance conditions arise from the use of sludge at the site, the LEA reserves the right to require more restrictions for the handling of sludge than those listed in WDR R2-R011-0032 and approved amendments thereto.

6. The maximum amount of solid waste accepted for disposal shall not exceed 4,330 tons per day or an average of 3,400 tons per day averaged over a 7 day week (7 day week means any consecutive 7 day period). This limit does not include compostable material, wood, scrap metals, recyclables, sludge with less than 50% moisture, ADC or beneficially used materials and inert material. Tonnage limits for these materials shall comply as stated in the September 2011 JTD and approved amendments thereto.

7. The asphalt recycling operation and concrete recovery and processing operations shall be conducted as described in the September 2011 JTD and approved amendments thereto. No more than 65,000 tons or 45,000 cubic yards of concrete and asphalt shall be stockpiled on-site at any time.

8. Adequate lighting shall be provided for all work done after day light hours at the site. Lights shall be placed on an irregular pattern, shielded and pointed downward. A maximum of 7 portable lights may be used.

9. Efforts shall be made to control the generation of windblown litter at the source. The active face area shall be maintained at the smallest practical size

10. During high wind episodes, identified using procedures in the Litter Management Plan of the September 2011 JTD and approved amendments thereto, the size of the active face area shall be reduced by more frequent placement of cover. The active face may be further reduced in size as determined by the LEA.

11. The operator shall comply with the approved Litter Management Plan in the Sept. 2011 JTD and approved amendments thereto

12. When the facility is open 24 hours a day, the entire working face shall be covered with approved cover material at the close of business on Friday night. During non-24 hour operation days, the working face shall be covered with approved cover material at the end of the operation day.

13. A Compliance Officer (CO) shall be designated to oversee the facility materials tracking system to prevent or eliminate any nuisance conditions including but not limited to odors, litter, dust, fires, vectors, etc. The CO or designee shall monitor landfilling operations, the receipt of wastes for disposal and recyclable materials, the load checking of waste, monitor and record wind and weather conditions throughout the hours of operation, noting times of day conditions, changes and modifications to site operations to prevent nuisance conditions, the status of all verbal and written complaints, oversee and be responsible for keeping the EA informed of any new techniques, products used or changes in operation to prevent or eliminate nuisance conditions, and be responsible for providing and maintaining all records required by the EA to help identify any nuisance conditions at the site.

14. Any change that would cause the design, including the footprint, or operation of the facility not to conform to the terms and conditions of this permit is prohibited. Any significant change, as determined by the LEA, would require a permit revision. In no case shall the operator implement any change without written approval by the LEA.

15. Prior to use of any new ADC not listed in 27 CCR section 20690, the applicant shall submit a demonstration project description to the LEA for review and approval. Upon successful completion of the ADC demonstration project and upon concurrence by the LEA and CalRecycle, the operator may commence with the ADC use.

16. The LEA reserves the right to direct the operator to conduct a load check of any vehicle entering the site and to observe the load check

17. All equipment components shall be maintained in good mechanical condition and properly operated to prevent nuisance conditions and hazards. Information as to the location of backup equipment shall be readily available at the site.

18. The operator shall continue to monitor for potential leachate generation. Leachate generated shall be handled as described in the September 2011 JTD and approved amendments thereto.

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19. The operator shall submit copies of any violations or enforcement order between representatives of the facility and regulating agencies relating to the design, construction and operation of the landfill to the LEA
20. Any substantial changes to the quarterly perimeter gas probe monitoring program shall be submitted to the LEA for review and approval
21. The facility shall not be operated so as to cause public nuisance as determined by the LEA
22. Final closure and post-closure maintenance plans shall be submitted at least 2 years in advance of the projected closing of the landfill as required by Title 27 CCR
23. The permit is subject to review by the LEA and may be suspended revoked, or revised at any time for sufficient cause
24. Additional information concerning the design and operation of this facility shall be furnished upon request and within a reasonable time frame specified by the LEA
25. A copy of this Permit shall be maintained at the facility.