

# SOLID WASTE FACILITY PERMIT

1. Facility/Permit Number:  
**43-AA-0015**

2. Name and Street Address of Facility:  
**Z-Best Composting Facility  
980 State Hwy 25  
Gilroy, CA 95020**

3. Name and Mailing Address of Operator:  
**Zanker Road Resource Management, Ltd.  
1500 Berger Drive  
San Jose, CA 95112**

4. Name and Mailing Address of Owner:  
**Zanker Road Resource Management, Ltd.  
1500 Berger Drive  
San Jose, CA 95112**

**5. Specifications:**

- a. Permitted Operations:
- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Composting Facility (mixed wastes)<br><input type="checkbox"/> Composting Facility (yard waste)<br><input type="checkbox"/> Landfill Disposal Site<br><input type="checkbox"/> Material Recovery Facility | <input checked="" type="checkbox"/> Processing Facility*<br><input type="checkbox"/> Transfer Station<br><input type="checkbox"/> Transformation Facility<br><input type="checkbox"/> Other: |
|---|--|

b. Permitted Hours of Operation: Overall Facility -6:00 a.m. to 6:00 p.m. – 7 day/week; 6 a.m. to 10:00 p.m. within processing building; 24 hrs. per day to windrows material receiving, Screening & Turning.

c. Permitted tons per Operating Day: **Peak: 1,500** Tons/Day

**Peak totals not more than 15 days/year**

Municipal Solid Waste feedstock- Processing Facility or direct load to bagger machine	<u>2,500</u> Tons/Day
Inert materials for additives or construction of all-weather pads*	<u>subset peak -700</u> Tons/Day
Green material and agricultural commodities	<u>subset peak - 500</u> Tons/Day
	<u>subset peak - 1300</u> Tons/Day

\*Inerts expire upon completion of all-weather pad – see LEA condition 17i.

d. Permitted Traffic Volume (includes both inbound and outbound trips (normal peak of 1,500 ton/day)): Total: 356 Vehicles/Day-  
 Peak Traffic Volume (includes both inbound and outbound (15 day limit peaks): Total: 448 Vehicles/Day

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

	Total	Transfer	MRF	Composting	
Permitted Area (in acres)	105 a	----- a	----- a	77 acres	----- a
Design Capacity (includes active compost, feedstock, products, additives and ground material)	576,000 cy	----- tpd	----- tpd	2500 tpd	----- tpd
Average Annual Loading	450,000 tpy				

The permit is granted solely to the operator named above, and is not transferable. Upon a change of operator, the 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.

6. Approval:

\_\_\_\_\_  
 Approving Officer Signature \_\_\_\_\_ Date

**Jim Blamey, Director, Department of Environmental Health**

Name/Title

7. Enforcement Agency Name and Address:

**Santa Clara County, Department of Environmental Health  
 1555 Berger Dr., Room 300  
 San Jose, CA 95112**

7. Date Received by CalRecycle:  
**APR 29 2014**

8. CalRecycle Concurrence Date:

9. Permit Issued Date:

10. Permit Review Due Date:

11. Owner/Operator Transfer Date:

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## 12. Legal Description of Facility (attached map):

Santa Clara County Assessor's Parcel Numbers 841-37-028 (20 acres) & APN 841-37-029 (parcel 029 includes 85 acres adjacent to parcel 028, including the expansion area of 28 acres and a stormwater retention pond designed for zero discharge).

## 13. Findings:

- a. This permit is consistent with standards adopted by the California Department of Resources, Recovery and Recycling (CalRecycle) and the Public Resources Code (PRC), Section 44010.
- b. The design and operation of the facility is in compliance with the State Minimum Standards for composting facilities. Regulatory requirements are found in Title 14, Div. 7, Chapter 3.1 (commencing with Section 17850 through 17870) of the California Code of Regulations. The design and operation of the facility is also in compliance with the State Minimum Standards for Transfer/Processing Facilities. Regulatory requirements are found in in Title 14, Div. 7, Chapter 3 (commencing with Section 17407.1 through 17419.2) of the California Code of Regulations.
- c. The first Notice of Determination was filed with the State Clearing House (#1999072048) on Nov. 17, 1999. A second NOD was filed on May 5, 2000 for the explanation of feedstock and processing methods and following the Action by the Santa Clara County Board of Supervisor on an appeal filed by San Benito County. The Board heard the matter and reaffirmed the action of the Planning Commission on Feb. 15, 2000. The Initial Study/MND circulated Sept. 7, 2006, the RCSI Amendment No. 3 – dated March 6, 2006 and the Addendum No. 1 to the 1999 Adopted MND for Z-Best Composting Facility dated Jan. 17, 2003 as a whole comprise the CEQA project description and support for the proposed project/facility.
- d. A recent Environmental Review Document – Mitigated Negative Declaration (State Clearinghouse #2006092028) was approved and adopted by the County of Santa Clara Planning Commission on Dec 24, 2012. The Notice of Determination for the expansion of acreage was filed with the County Clerk. The CEQA Document Declaration was posted by the County Recorder for 30 days after this date.
- e. This facility is identified in the County of Santa Clara Countywide Nondisposal Facility Element of July 1997– pg. 24, and is in compliance with the requirements of PRC Section 50001.
- f. This site is operating under the existing approved Full Composting Permit, issued November 23, 1999 (SWIS #43-AA-0015). A processing facility subset activity was added to this permit for inspection of the MSW waste processing building operations and the volume of waste generated from the non-compostable material removal process as part of the Feb. 9, 2011 permit revision.
- g. The last 5-Year Review Report was completed on 8/31/2010 and required a permit revision application and an updated RCSI. This required updated RCSI amendment has already been processed.

## 14. Prohibitions:

The permittee is prohibited from accepting any liquid waste sludge, non-hazardous waste requiring special handling, designated waste, or hazardous waste unless such waste is specifically listed below, and unless the acceptance of such waste is authorized by all applicable permits.

The permittee is additionally prohibited from the following items:

1. Any material that is not specifically described in the RCSI.
2. Any approved material which cannot be processed within the time limits described in the RCSI.

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

<u>Documents</u>	<u>Date</u>
<input checked="" type="checkbox"/> Report of <b>Compost Site</b> Information	<u>1/02/14 (or future approved amendments)</u>
<input checked="" type="checkbox"/> Land Use Permits and Conditional Use Permits # <b>6489-08P-08A</b>	<u>12/6/12</u>
<input checked="" type="checkbox"/> Air Pollution Permits and Variances	<u>annual</u>
<input checked="" type="checkbox"/> Negative Declaration <b>SCH#2006092028</b>	<u>12/24/12</u>
<input checked="" type="checkbox"/> Waste Discharge Requirements	<u>3/06/06</u>
<input checked="" type="checkbox"/> Other- <u>County of Santa Clara Architectural &amp; Site Approval</u>	<u>12/06/12</u>

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**16. Self Monitoring:**

The owner/operator shall submit the results of all self-monitoring programs to the Enforcement Agency within 30 days of the end of the reporting period.

Program	Reporting Frequency	Agency Reported To
Tonnage, by type of material – include: manure, clean green, MSW/food waste, inert fill material, green material, animal material, soil for blending and composite roofing.	Monthly	LEA
Special Occurrences	By occurrence or monthly if none occur	LEA
CTI composting processes/project schedules	Monthly	LEA
Site compost volume estimates in cubic yards	Quarterly*	LEA
Pathogen and metals sampling results	Prior to sale or give-away	LEA
Random load checking	Weekly	LEA
Complaints	By occurrence or monthly if none occur	LEA

**17. LEA Conditions:**

- a. The operator shall notify the LEA during the planning stages, in writing, of any proposed changes in the facility operations or design. 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.
- b. The site shall be operated in compliance with all State minimum standards.
- c. The operations shall conform to the Report of Compost Site Information and future approved revisions, notwithstanding the conditions and reporting requirements of this permit.
- d. Site shall operate in a manner as to not become a public nuisance. Odor Impact Minimization Plan shall be updated annually or as necessary based on complaints received or operator changes made. Operator shall comply with all provisions of Title 14 CCR 17863.4 for OIMP.

**Provisions:**

- e. The site manager shall maintain a log of special or unusual occurrences. This log shall include, but not be limited to: fires, explosions, flooding, earth movement, discharges of hazardous liquids (including leachate) or gases to the ground or atmosphere, significant injuries, accidents or property damage, vehicle/equipment related accidents, complaints, and disposition of material exceeding established limits. It shall also include for each incident entered a summary of any actions taken by the operator 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 to the Enforcement Agencies' personnel. Entries made in this log must be reported to the LEA within 48 hours by email to the LEA.
- f. The operator shall maintain, at the facility, accurate daily records including the weight and type of all incoming materials, and including the number of vehicles entering the site. These records shall be available to LEA personnel and shall be maintained on site for a period of two years.
- g. Composting temperature monitoring records shall be maintained on-site for at least two years and available for inspection by the LEA.
- h. The operator shall utilize specific safety equipment and implement health/safety measures as outlined in the facility RFI. Personnel safety training records shall be maintained.
- i. Upon completion of the all-weather pads (OMU's), importing of approved inert material shall not exceed 50 tons per day, as needed for site maintenance.

**Enclosed CTI aerated bags:**

- j. Composting MSW or animal material must remain in-vessel for no less than 14 weeks after completion of a compost bag, unless otherwise approved by the LEA.
- k. The composting bags shall be properly sealed and maintained to prevent leakage of condensate or leachate to the outside of the bag. If liquid leakage becomes a chronic problem, by contaminating the ground or all weather pads, impermeable concrete pads or other control measures will be required prior to starting any further in-vessel windrows.

**Open windrows:**

- l. Prior to starting any green material open windrows, the operator must make sure that each load delivered for open windrows must be that the amount of contamination does not exceed 1% by weight. Approval in writing shall be obtained from the LEA for any additional use of open windrow technology following an approved research operation.

