

SOLID WASTE FACILITY PERMIT

1. Facility/Permit Number
33-AA-0258

2. Name and Street Address of Facility
Robert A. Nelson Transfer Station and
Materials Recovery Facility
1830 Agua Mansa Road
Riverside, CA 92509

3. Name and Mailing Address of Operator
Agua Mansa MRF, LLC
c/o Burrtec Waste Industries, Inc.
9890 Cherry Avenue
Fontana, CA 92335

4. Name and Mailing Address of Owner
Riverside County Waste Management Dept.
14310 Fredrick St.
Moreno Valley, CA 92553

5. Specifications:

a. Permitted Operations

- | | |
|--|--|
| <input checked="" type="checkbox"/> Composting Facility (mixed wastes) | <input type="checkbox"/> Processing Facility |
| <input type="checkbox"/> Composting Facility (yard waste) | <input checked="" type="checkbox"/> Transfer Station |
| <input type="checkbox"/> Landfill Disposal Site | <input type="checkbox"/> Transformation Facility |
| <input checked="" type="checkbox"/> Material Recovery Facility | <input checked="" type="checkbox"/> Other: Greenwaste/C&D Processing |

b. Permitted Hours of Operation:

Offices	Monday - Friday	24 hours
Scalehouses	Monday - Sunday	5:00 a.m. - 8:00 p.m.
Transfer Station (receipt of waste)	Monday - Sunday	5:00 a.m. - 8:00 p.m.
Transfer Station (loading)	Monday - Sunday	4:00 a.m. - Midnight
Material Recovery Facility (receipt)	Monday - Sunday	5:00 a.m. - 8:00 p.m.
Material Recovery Facility (processing)	Monday - Sunday	4:00 a.m. - Midnight
Greenwaste/C&D Facility (receipt)	Monday - Sunday	5:00 a.m. - 8:00 p.m.
Greenwaste/C&D Facility (processing)	Monday - Sunday	7:00 a.m. - 6:00 p.m.
Facility Maintenance	Monday - Sunday	24 hours

c. Permitted Tons per Operating Day:

Non-Hazardous – General, separated or commingled recyclables, greenwaste and C&D	4000	Tons/Day
Total	4000	Tons/Day

d. Permitted Traffic Volume:

Non-hazardous – General, separated or commingled recyclables, greenwaste and C&D	1,582	Vehicles/Day
Total	1,582	Vehicles/Day

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

	Total	Transfer/MRF/Greenwaste/C&D
Permitted Area (in acres)	22.03 acres	19.38 acres
Design Capacity	4000 tpd	

6. Approval:

Steve Van Stockum/Director, Riverside County Department of Environmental Health

7. Enforcement Agency Name and Address:

Local Solid Waste Management
Enforcement Agency for Riverside
County
4080 Lemon Street, 9th Floor
P.O. Box 1280
Riverside, CA 92502-1280

8. Received by CalRecycle:

APR 26 2012

9. CalRecycle Concurrence Date:

10. Permit Review Due Date:

11. Permit Issued Date:

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12. Legal Description of Facility (attach map with RFI):

Section 2 of Township 2 South, Range 5 West; 117° 220 5100 Latitude and 34° 020 1500 Longitude

13. Findings:

- a. This permit is consistent with the Riverside County Integrated Waste Management Plan, which was approved by the CalRecycle and amended on July 7, 2010. The location of the facility is identified in the Non-Disposal Facility Element, pursuant to Public Resources Code (PRC), Section 50001(a) dated July 27, 2010.
- 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 enforcement Agency, on February 15, 2012.
- d. The Riverside County Fire Department has determined that the facility is in conformance with applicable fire standards, pursuant to PRC, 44151.
- e. An Environmental Impact Report is filed with the State Clearinghouse (SCH#92022041) pursuant to Public Resources Code, Section 21081.6. An Environmental Assessment, EA# RAN 2009-03 and a Mitigated Negative Declaration was filed with the State Clearinghouse (SCH# 2006031122) and certified by the Riverside County Board of Supervisors on February 9, 2010. A Mitigation Monitoring Program was also adopted with the Negative Declaration. A Notice of Determination was filed with the State Clearinghouse on February 11, 2010.

14. Prohibitions:

The permittee is prohibited from accepting the following wastes:

Hazardous, radioactive, medical (as defined in Chapter 6.1, Division 20 of the Health and Safety Code), liquid, designated, or other wastes requiring special treatment or handling, except as identified in the Report of Facility Information and approved amendments thereto and as approved by the enforcement agency and other federal, state and local agencies.

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

	Date		Date
<input checked="" type="checkbox"/> Transfer Processing Report	12/2011	<input checked="" type="checkbox"/> Contract Agreements – operator and contract	7/24/97
<input type="checkbox"/> Land Use Permits and Conditional Use Permits		<input type="checkbox"/> Waste Discharge Requirements	
<input type="checkbox"/> Air Pollution Permits and Variances		<input type="checkbox"/> Local & County Ordinances	
<input checked="" type="checkbox"/> EIR (SCH# 92022041)	12/22/92	<input type="checkbox"/> Final Closure & Post Closure Maintenance Plan	
<input checked="" type="checkbox"/> Lease and Contract Agreements - owner and operator	3/11/97	<input type="checkbox"/> Amendments to RFI	
<input checked="" type="checkbox"/> MND (SCH# 2006031122)	2/9/2010	<input type="checkbox"/> Operating Liability	
<input type="checkbox"/> Closure Financial Responsibility Document		<input checked="" type="checkbox"/> Report of Composting Site Information	12/2011

16. LEA Conditions:

- a. This operator shall comply with with all State Minimum Standards for solid waste handling and disposal as specified in Title 14 California Code of Regulations.
- b. The operator shall maintain a log of special/unusual occurrences. This log shall include, but is not limited to, fires, explosions, the discharge and disposition of hazardous or unpermitted wastes, and significant injuries, accidents or property damage. 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.
- c. The operator shall maintain a copy of this permit along with copies of all the inspection reports available on site for review by personnel and authorized representatives during normal office hours. In addition to this permit, the Report of Composting Site Information (RCSI), Transfer/Processing Report (TPR), special occurrences log, tonnage reports, load check results, temperature logs, process for further reducing pathogens (PFRP) logs, all sampling results and complaints shall be maintained on-site.
- d. Additional information concerning the design and operation of the facility shall be furnished upon request and within the time frame specified by the LEA.
- e. This permit is subject to review by the LEA and may be suspended, revoked, or revised at any time for sufficient cause.
- f. The maximum permitted daily tonnage for this facility is 4000 tons per day, and shall not receive more than this amount without a revision of this permit.
- g. The LEA reserves the right 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.
- h. The operator shall implement practices to exclude hazardous waste materials and other prohibited wastes from the facility (TPR, Appendix F).

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- i. The operator shall notify the LEA, in writing, of any proposed changes in facility operations or design during the planning stage. 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. Should the LEA find a change to significantly deviate from the terms and conditions of this permit, the operator must obtain a revision to this permit before affecting the proposed change.
- j. The operator shall have maintenance crews collect litter and sweep building entrances and exits on a daily basis. Litter in the vicinity of the project shall be collected at least twice a week or more frequently as determined by the LEA.
- k. The following environmental measures for the **transfer/processing operation** shall be reported to the LEA on a quarterly basis:
- numbers and types of vehicles utilizing the facility each day (i.e., collection vehicle, transfer truck and public passenger cars)
 - quantities and types of wastes received each day
 - quantities and types of wastes sent to disposal site(s) each day
 - quantities and types of recyclables recovered each day
 - quantities of greenwaste received each day
 - quantities of construction and demolition debris received each day
 - copies of all written complaints regarding this facility and the operator's actions taken to resolve these complaints

A responsible officer or representative of the permittee shall attest to the accuracy of the report, and sign to that effect. The report shall be submitted to the LEA in accordance with the following schedule:

<u>REPORTING PERIOD</u>	<u>REPORT DUE</u>
January through March	May 1
April through June	August 1
July through September	November 1
October through December	February 1

- l. The following environmental measures for the **composting operation** shall be reported to the LEA on a quarterly basis:
- quantities and types of materials received each day
 - quantities and types of materials shipped out each day
 - quantities of residuals sent for disposal
 - sampling results for metal testing
 - sampling results for pathogen testing

A responsible officer or representative of the permittee shall attest to the accuracy of the report, and sign to that effect. The report shall be submitted to the LEA in accordance with the following schedule:

<u>REPORTING PERIOD</u>	<u>REPORT DUE</u>
January through March	May 1
April through June	August 1
July through September	November 1
October through December	February 1

- m. Stored recyclables shall neither interfere with facility operations nor cause a public health hazard or nuisance. Stored recyclables may remain on site for no more than 45 days, unless otherwise approved by the LEA. The LEA reserves the authority to reduce the maximum storage time of recyclables as necessary to protect public health and minimize odors, flies, rodents or other nuisance conditions.

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- n. Non-salvageable materials shall remain on-site no longer than 48 hours. The LEA reserves the authority to increase waste removal frequencies to protect public health or prevent a nuisance caused by odors, flies, rodents or other vectors, or to prevent the risk of fire or other hazards.
- o. Incoming waste hauling vehicles and existing transfer trucks carrying solid wastes shall have covered loads to prevent litter from blowing out while in transit.
- p. All disposal wastes will be processed indoors to prevent exposure to surface water flows or rainwater.
- q. The emission of odors shall be minimized through the use of fans, barriers or other means deemed necessary by the LEA so as to prevent a threat to public health or a public nuisance.
- r. Visual impacts shall be minimized by screening or other measures. Accumulations of spare parts, drums, inoperable equipment, tires, white goods and scrap shall be minimized.
- s. A sign shall be posted at an appropriate point indicating the schedule of charges, hours of operation and a list of the general types of materials, which (1) will be accepted and (2) will not be accepted.

Part 3. FACILITY INFORMATION

A. PROPOSED CHANGE (Check applicable box(es)):

- 1. DESIGN (describe): Add Heavy Equipment Shop, C&D sort line, and soil amendment retail sales area
- 2. OPERATION (describe): Permit static pile composting, identify reecyclable storage areas in transfer station and adjust equipment fleet size, modify hours of operation
- 3. OWNER, OPERATOR, ADDRESS, AND/OR FACILITY NAME CHANGE (describe): _____
- 4. OTHER (describe): Response to LEA 5-Year Review Comments and SWFP Revision

B. FACILITY INFORMATION:

1. INFORMATION APPLICABLE TO ALL FACILITIES:

- a. PEAK DAILY TONNAGE OR CUBIC YARDS
 - 1) DISPOSAL/TRANSE (unit) 4,000 tpd
 - 2) OTHER (unit) _____
 - b. DAILY DESIGN TONNAGE (TPD) 4,000 tpd
 - c. FACILITY SIZE (acres) 19.38
 - d. PEAK TRAFFIC VOLUME PER DAY (vpd) 1,582
 - e. DAYS AND HOURS OF OPERATION Receive incoming materials Mon - Sun 5 a.m. - 8 p.m., MRF Processing Mon - Sun 4 am - midnight, Greenwaste processing Mon - Sun 7 a.m. - 6 p.m. Outbound Transfer Mon-Sun 4:00 a.m. - Midnight, Facility Maintenance Mon-Sun 24 hours, Administrative Office Mon-Sun 8 am - 5 pm
- 2. ADDITIONAL INFO. REQUIRED FOR COMPOSTING FACILITIES ONLY:**

- a. SITE STORAGE CAPACITY (cu yds) _____

3. ADDITIONAL INFORMATION REQUIRED FOR LANDFILLS ONLY:

- a. AVERAGE DAILY TONNAGE (TPD) _____
- b. SITE CAPACITY CURRENTLY PERMITTED (Airspace) (cu yds) _____
- c. SITE CAPACITY PROPOSED (Airspace) (cu yds) _____
- d. SITE CAPACITY USED TO DATE (Airspace) (cu yds) _____
- e. SITE CAPACITY REMAINING (Airspace) (cu yds) _____
- f. DATE OF CAPACITY INFORMATION (Date) (See instructions): _____
- LAST PHYSICAL SITE SURVEY (Date) _____
- g. ESTIMATED CLOSURE DATE (month and year) _____
- h. DISPOSAL FOOTPRINT (acres) _____
- i. SITE CAPACITY PLANNED (cu yds) _____
- k. 1. (i) IN-PLACE WASTE DENSITY (lbs of waste per cu yd of waste) AND _____
- (ii) WASTE-TO-COVER RATIO (Estimated) (v-v) OR _____
- 2. AIRSPACE UTILIZATION FACTOR (tons of waste per cu yd of landfill airspace) _____

Part 4. SOURCE OF WATER SUPPLY (Check applicable boxes)

- A. MUNICIPAL OR UTILITY SERVICE: West San Bernardino Valley Water District
- B. INDIVIDUAL (wells): _____
- C. SURFACE SUPPLY:
 - 1. NAME OF STREAM, LAKE, ETC. : _____
 - 2. TYPE OF WATER RIGHTS:
 - RIPARIAN
 - APPROPRIATION
 - 3. STATE PERMIT OR LICENSE NUMBER , IF APPLICABLE: _____

2.5.9 Green and Wood Wastes

Wood and greenwastes are received at the facility and unloaded on the tipping floor of the Greenwaste Processing Area. Mixed loads that contain wood, greenwaste, and residual wastes are screened using a trommel and pass over an elevated sort line to remove recyclables and residual wastes. Residual wastes are stored in roll-off boxes until they are moved to the transfer station for transfer to the disposal site. Residual wastes are stored for no more than 48 hours before they are transferred to a disposal site. Any recyclable materials are moved to the MRF building for further processing. Processed greenwaste that is used as alternative daily cover (ADC) at landfills or materials to be sent to offsite secondary users are loaded into open-top transfer trailers. Processed soil amendments and compost are also loaded into open-top transfer trailers, roll-off boxes or private vehicles for transport to secondary users.

2.5.10 Greenwaste Compost/Soil Amendments Production & Sales Area

Soil amendments and compost products will be processed and temporarily stored on approximately 3.0 acres of engineered surface property located in the far eastern area of the site. Piles will be separated by access corridors at least 20 feet wide for product movement and fire access.

A soil amendment and compost retail sales area will be located immediately east of the east scale house. It will consist of approximately 9,000 square feet of paved area. Approximately six storage bunkers constructed of stackable concrete blocks and/or k-rail will hold individual products for sale to the public.

2.6 Operating Days and Hours (Section 18221.6(e))

The R.A. Nelson Transfer Station/MRF receives non-hazardous recyclables, non-hazardous municipal solid waste, construction/demolition materials, and green/woody wastes seven days per week. The site is closed for New Year's Day, Easter, Memorial Day, Independence Day, Labor Day, Thanksgiving and Christmas. The facility operates during the following hours:

Activity	Days	Hours
Office	Monday -Friday	8:00 a.m. – 5:00 p.m.
Scalehouses	Monday - Sunday	5:00 a.m. – 8:00 p.m.
Transfer Station (receipt of waste)	Monday - Sunday	5:00 a.m. – 8:00 p.m.
Transfer Station (loading/transfer)	Monday - Sunday	4:00 a.m. – Midnight
Materials Recovery Facility (receipt)	Monday - Sunday	5:00 a.m. – 8:00 p.m.
Materials Recovery Facility (processing)	Monday - Sunday	4:00 a.m. – Midnight
Greenwaste/C&D Facility (receipt)	Monday - Sunday	5:00 a.m. – 8:00 p.m.
Greenwaste/C&D Facility (processing)	Monday - Sunday	7:00 a.m. – 6:00 p.m.
Facility Maintenance	Monday - Sunday	24 hours.
Public Buy-Back Center	Monday - Sunday	8:00 a.m. – 6:00 p.m.
Hazardous Waste Temporary Storage	Monday - Sunday	24 hours

*The operating hours may be less than those specified at the discretion of the operator.

Table 2.2 Facility Operations Schedule		
Activity	Days	Hours
Offices	Monday - Sunday	8:00 a.m. – 5:00 p.m.
Scalehouses	Monday - Sunday	5:00 a.m. – 8:00 p.m.
Greenwaste/C&D Facility (receipt)	Monday - Sunday	5:00 a.m. – 8:00 p.m.
Greenwaste/C&D Facility (processing)	Monday - Sunday	7:00 a.m. – 6:00 p.m.
Active Composting	Monday - Sunday	24 hours per day
Maintenance/Internal Operations	Monday - Sunday	24 hours per day

*The operating hours may be less than those specified at the discretion of the operator subject to notification to the Local Enforcement Agency.