



COUNTY OF ORANGE
HEALTH CARE AGENCY

PUBLIC HEALTH SERVICES
ENVIRONMENTAL HEALTH



30-AB-0035
019A

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April 22, 2010

Susan Markie, Supervising Integrated Waste Management Specialist II
Permitting and LEA Support Division
Department of Resources Recycling and Recovery (CalRecycle)
1001 I Street, MailStop 10A-15
Sacramento, CA 95812

**Subject: Updated Version of Revised Solid Waste Facility Permit for
Olinda Alpha Landfill, SWIS No. 30-AB-0035, Brea**

Dear Ms. Markie,

Enclosed herewith please find an updated version of the proposed revised the Solid Waste Facility Permit (SWFP) for the Olinda Alpha Landfill (Site). Section 14 (Prohibitions) of the proposed revised SWFP submitted to CalRecycle on 7 April 2010 was updated based on the outcome of additional discussions with OC Waste & Recycling - Site owner/operator. The updates in Prohibitions section are consistent with California Code of Regulations, Title 27, Section 20200(d)(3); EIR 588 (SCH No. 2004011055); Site's Joint Technical Document sections B.2.2.1 and B.2.2.2; and Santa Ana Regional Water Quality Control Board policies and directives.

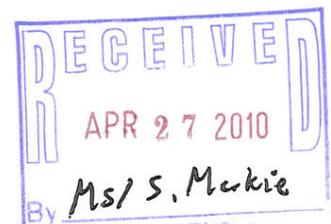
If you have any questions, please feel free to contact me at (714) 433-6015 or Mr. Ossama "Sam" Abu Shaban at (714) 433- 6271.

Respectfully yours,

Larry Honeybourne, REHS, M.S.
Program Manager
Solid Waste Local Enforcement Agency
Environmental Health

Enclosure: Updated version of the proposed revised SWFP – copy

cc: Kathryn Cross, Supervising Hazardous Waste Specialist



Solid Waste Facility Permit

Facility Number:

30-AB-0035

1. Name and Street Address of Facility:

Olinda Alpha Landfill
1942 N. Valencia Avenue
Brea, CA 92823

2. Name and Mailing Address of Operator:

OC Waste & Recycling
300 N. Flower Street, Suite 400
Santa Ana, CA 92703

3. Name and Mailing Address of Land Owner:

OC Waste & Recycling
300 N. Flower Street, Suite 400
Santa Ana, CA 92703

4. Specifications:

a. Permitted Operations:

- Solid Waste Disposal Site
 Transformation Facility
 Transfer/Processing Facility (MRF)
 Composting Facility (Green Material)

b. Permitted Hours of Operation:

Receipt of Refuse: 6:00 a.m. to 4:00 p.m. Monday through Saturday ^{(1) (2)}.
Ancillary Operations (Construction and Maintenance): 24 hours Monday through Sunday.

c. Permitted Maximum Tonnage:

8,000 tons/day ⁽³⁾

d. Key Design Parameters:

	Total	Disposal	Transfer/Processing	Composting	Transformation
Permitted Area (in acres)	565.2	453 ⁽⁴⁾	N/A	N/A	N/A
Permitted Capacity (cubic yards)		148,800,000 ⁽⁵⁾	N/A	N/A	N/A
Max. Elevation (Ft. MSL)		1,415			
Max. Depth (Ft.)		415			
Estimated Closure Year		2021			

Upon a significant change in design or operation from that described herein and unless the facility operator complies with LEA condition 17.1 hereinafter, 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 previously issued Solid Waste Facility Permit.

⁽¹⁾ The facility accepts waste for disposal 307 days per calendar year.

⁽²⁾ During the hours of 6:00 am and 7:00 am the facility can only accept transfer trucks. Between 7:00 am and 4:00 pm the facility can accept all types of vehicles.

⁽³⁾ A Cooperative Agreement between landfill owner/operator and City of Brea dated July 14, 2009, sets tonnage limits on annual average basis. The Local Enforcement Agency does not enforce Cooperative Agreement limits.

⁽⁴⁾ Total disturbed area is approximately 536.3 acres.

⁽⁵⁾ Facility's permitted airspace capacity includes refuse, daily and intermediate covers and excludes final cover. Remaining airspace capacity 49,500,000 cubic yards as of 12/31/2009 = [(remaining airspace capacity calculations in the 2009 Annual Capacity Report) + (additional airspace volume gained from expansion)] - [(soil stockpile volume in JTD Appendix D)]

5. Approval:

Richard Sanchez, REHS, MPH
Director, Environmental Health

6. Enforcement Agency Name and Address:

County of Orange Health Care Agency
Environmental Health
Solid Waste Local Enforcement Agency
1241 E. Dyer Rd., Suite 120
Santa Ana, CA 92705

7. Date Received by CalRecycle:

APR 27 2009

8. CalRecycle Concurrence Date:

9. Permit Issued Date:

10. Permit Review Due Date:

11. Owner/Operator Transfer Date:

N/A

Solid Waste Facility Permit

Facility Number:

30-AB-0035

12. Legal Description of Facility:

Sections 4, 5, 8 and 9 of Township 3 South, Range 9 West, San Bernardino Baseline and Meridian.

13. Findings:

- a. This permit is consistent with the County of Orange Countywide Integrated Waste Management Summary Plan (CIWMP), which was approved by the California Integrated Waste Management Board (CIWMB), currently known as the California Department of Resources Recycling and Recovery (CalRecycle) on March 27, 1996. The CIWMP was last reviewed on September 14, 2006.
- b. The location of the facility is identified in the Countywide Siting Element in compliance with Public Resources Code (PRC) Section 50001.
- c. This permit is consistent with the standards adopted by CalRecycle, pursuant to PRC Section 44010.
- d. The Orange County Fire Authority has determined that the facility is in conformance with applicable fire standards pursuant to PRC Section 44151.
- e. 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, pursuant to PRC Section 44009.
- f. EIR 588 (SCH No. 2004011055) certified by Orange County Board of Supervisors and filed with the State Clearinghouse on 04/17/2007 analyzed the impacts of and supported facility expansion and continued operations as described in the facility's Joint Technical Document (JTD) through 2021.

14. Prohibitions:

The facility operator is prohibited from accepting hazardous, universal, designated, radioactive, incinerator waste, or waste having water content > 50% (by weight). Except as identified in the JTD the facility operator is also prohibited from accepting sludge, biosolids, friable asbestos, white goods, grease trap and septic tank pumpings, treated wood waste, or other wastes requiring special treatment or handling. Further, the facility operator is prohibited from disposing of commercial loads of whole tires at the facility. No medical waste shall be accepted unless autoclaved (sterilized) prior to disposal at the facility. Prohibited non-hazardous waste may be accepted only after processing JTD amendment(s), or in circumstances outlined in LEA conditions 17.d, 17.m and 17.p of this permit.

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

	Date		Date
Joint Technical Document (including Preliminary Closure and Postclosure Maintenance Plans)	12/2009	Closure Financial Assurance (Annual Closure Escrow Account Report)	11/2008
RWQCB-SA Waste Discharge Requirements Nos. R8-2010-0006	01/29/2010	Postclosure Maintenance Financial Assurance (Pledge of Revenue Agreement between CIWMB and County)	02/18/1993
General Permit to Discharge Storm Water (NPDES) WQ Order No. 91-13-DWO	03/27/1992		
Orange County Fire Authority Permits AH18R AH110R AF33R AF32R AA5 AM3R	10/15/2009	Operating Liability Financial Assurance (Certificate of Self Insurance and Risk Management)	02/27/2009
SCAQMD Facility Permit to Operate (Title V) including Permit to Operate Nos. N8079 F46965 F80338 F83426	07/26/2006	Dept. of Fish and Game Habitat Mitigation Agreement No. FWS/CDFG-OR-08B0097-09TA0110	01/30/2009
Cooperative Agreement – County and City of Brea	07/14/2009		

* Permit Nos. and agreements are as of 12/2009 and may be updated regularly by the issuing agency.

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16. Self Monitoring:

Facility operator shall submit results of all self-monitoring programs to the Local Enforcement Agency (LEA) by the due dates shown below.

a. Quarterly Reporting

Each report shall be submitted in an electronic format or spiral-bound hard-copy and include the following for each reporting period:

1. Identification of all areas where waste was disposed of on a legible site map drawn to scale.
2. Quantities (tons) and types of wastes received, salvaged materials recovered (if any), exempt materials as listed in condition 17.u of this permit, and waste buried on a daily basis.
3. Results of prohibited wastes screening/load checking programs (quantities and types) and their disposition.
4. Written summary of all verbal and written public complaints received pertaining to LEA-enforced regulations, odors, and the operator's response.
5. A written summary of special/unusual occurrences documenting all unscheduled facility shut downs, accidents, incidents, property damage, employee and public injuries, surface and subsurface fires, explosions, detonation events, landslides, unintentional waste exposure, commercial loads of food waste, discharge and disposition of prohibited waste, public nuisance incidents or complaints (verbal and written), inspections/visits by other regulatory agencies, etc. and the facility operator's response.
6. All regulatory notices (e.g., Notice to Comply, Notice of Violation, Notice & Order, Cease & Desist Order, Clean-up & Abatement Order, etc.) received and the operator's response.
7. Employees training log (including dates, course descriptions, etc.) which shall be kept current.
8. Results of the landfill gas monitoring program at the facility, pursuant to CCR Title 27, Section 20918 et seq.

Reporting Period	Report Due Date
January through March	May 15
April through June	August 15
July through September	November 15
October through December	February 15

b. Annual Reporting

Facility operator shall submit a Capacity Report (hard-copy) to the LEA no later than February 15 of each year. The Capacity Report shall be spiral- or 3-ring-bound and include the following information for the preceding year with calculations, sources of data used in the calculations, and assumptions identified:

1. Total waste tonnage buried at the facility;
2. Volume of air space filled (cubic yards);
3. Remaining air space capacity (cubic yards);
4. Change in airspace utilization factor between reporting year and the preceding year;
5. Date(s) of first waste placement in new development phase(s) if construction of new development phase(s) was completed during the reporting year;
6. Site plan (color-coded) showing limits of disposal areas and identifying wet and dry weather disposal areas, major soil stockpiles, existing and ultimate permitted contour lines;
7. Cross sections (color-coded) showing existing horizontal and vertical limits of waste disposal areas, wet and dry weather, ultimate permitted waste fill footprint and elevations, major soil stockpiles and property boundary lines;
8. Narrative description of anticipated fill sequencing plan for the forthcoming year.

Solid Waste Facility Permit

Facility Number:

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17. **Local Enforcement Agency Conditions: These conditions shall be in addition to conditions of other documents controlling operation and/or design of the facility.**

General

- a. The facility operator shall comply with all State Minimum Standards (SMS) for solid waste handling and disposal as defined in Title 27, California Code of Regulations (27 CCR) Section 20164. Nothing in this permit shall prevent the facility operator from complying with all pertinent federal, State, and local requirements. Nothing in the conditions listed herein shall be construed as relieving the facility operator, or designee from the obligation of obtaining all required permits, approvals, licenses, or other clearances and complying with all orders, laws, regulations, reports, or other requirements of other regulatory or enforcement agencies.
- b. Additional information concerning the design and/or operation of the facility shall be furnished to the LEA upon request and within the timeframe specified by the LEA.
- c. The facility operator shall construct and maintain final prescriptive or alternative cover over all disposal areas in accordance with the latest version of the Closure and Post-Closure Maintenance Plans approved by the LEA, CalRecycle, and RWQCB-SA.
- d. The LEA reserves the right to suspend and/or require the facility operator to modify operations at the facility when deemed necessary due to any emergency, potential public health hazard, and/or public nuisance.
- e. This permit is subject to review by the LEA and may be suspended, revoked, revised or modified at any time for sufficient cause.
- f. This permit supersedes Solid Waste Facility Permit 30-AB-0035 issued on 11/13/2007.
- g. In the following Permitting, Recordkeeping, and Operation conditions there are references to specific sections of California Code of Regulations Title 14 (14 CCR) and Title 27 (27 CCR). The referenced sections of 14 CCR and 27 CCR in the following conditions are the respective pertinent regulations at the time of issuing this permit. In the future, CalRecycle may amend or repeal any or all of these regulations, or adopt new pertinent regulations. Therefore, the facility operator should always adhere to the up-to-date pertinent regulations. Should future pertinent regulations conflict with any of the following conditions, and until such time a permitting action is undertaken in the future to address this issue, the facility operator should comply with the new adopted regulations.

Permitting

- h. The facility operator shall consult with the LEA prior to implementing any design or operational changes, other than those listed in 27 CCR Section 21620(a)(1)(E) defined as Minor Changes, to allow due process review, filing and the completion of all related permitting processes, if any is required.
- i. The facility operator shall notify the LEA in writing within thirty (30) calendar days of implementing any Minor Changes meeting the requirements of 27 CCR Section 21620(a)(1)(A) through (D).
- j. The facility operator shall submit an application to the LEA at least one hundred eighty (180) calendar days prior to implementing proposed change(s) to facility's design and/or operation that require amendment(s) to the Joint Technical Document (JTD), as determined by the LEA based on 27 CCR Section 21665(c). The LEA may shorten application submittal time requirements per 27 CCR Section 21620(a)(2). Examples where JTD amendment may be required include, but not limited to, changes in facility's: sequence of constructing permitted development phases; design of environmental control systems; ancillary facilities; perimeter fencing/security; record keeping; staffing requirements; waste handling procedures, control measures for dust, vectors, litter, noise, etc.
- k. The facility operator shall submit an application to the LEA at least one hundred fifty (150) calendar days prior to implementing proposed change(s) to facility's design and/or operation that require permit modification, as determined by the LEA based on 27 CCR Section 21665(d).

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17. **Local Enforcement Agency Conditions (continued):** These conditions shall be in addition to conditions of other document controlling operation and/or design of the facility.

Permitting (continued)

- l. The facility operator shall submit an application to the LEA at least one hundred fifty (150) calendar days prior to implementing proposed significant change(s) that require permit revision, as determined by the LEA based on 27 CCR Section 21665(e). Examples include, but not limited to, changes in facility's: permitted hours and/or days of waste disposal operation, permitted tonnage limit, permitted total facility area, permitted waste disposal area, maximum waste fill elevation, maximum depth of waste, air space capacity (including refuse, daily and intermediate covers and excluding final cover), and estimated closure year.
- m. The facility operator can apply for an Emergency Waiver only after a State of Emergency or Local Emergency has been proclaimed pursuant to 14 CCR Section 17210.2. If granted by the LEA, an Emergency Waiver provides the facility operator a temporary relief of specific SMS identified in 14 CCR Section 17210.2(c), or specific terms or conditions of this permit.
- n. The facility operator's written request for an Emergency Waiver shall comply with the requirements of 14 CCR Section 17210.3.
- o. If an Emergency Waiver is granted by the LEA, the facility operator shall comply with the reporting requirements of 14 CCR Section 17210.5.
- p. The LEA can issue a Stipulated Agreement authorizing a temporary waiver from specific terms and conditions of this permit, up to ninety (90) calendar days that can be extended by the LEA, from specific terms and conditions of this permit during a temporary emergency. A Stipulated Agreement cannot authorize relief from SMS requirements. A temporary emergency is defined in 14 CCR 17211.1. Further, the facility operator shall take notice of the circumstances identified in 14 CCR Section 17211.1 that are not considered temporary emergencies. Stipulated Agreement contents shall adhere to 14 CCR Section 17211.5.
- q. The facility operator's written request for Stipulated Agreement shall comply with the requirements of 14 CCR Section 17211.3(b).
- r. If a Stipulated Agreement is issued by the LEA, the facility operator shall comply with the reporting requirements of 14 CCR Section 17211.6.

Recordkeeping

- s. A copy of this permit, JTD, and most recent LEA inspection report shall be maintained at the facility and available for review by the LEA and other regulatory agencies upon request.
- t. The facility operator shall maintain at the facility accurate daily records of the waste tonnage (categorized as Exempt as listed in condition 17.u of this permit, Beneficial Reuse, Alternative Daily Cover, Salvaged/Recycled – if any, Buried, etc.). Daily waste tonnage records shall be readily accessible to the LEA and other regulatory agencies upon request.
- u. Per 27 CCR Section 20686(d), the facility operator shall record, but not count towards the limit set in specification 4.c of this permit, accepted daily tonnage of the following: a) imported soil used for facility operations purposes, b) PGM as defined in 27 CCR Section 20690(b)(3) used as alternative daily cover, c) broken asphalt and concrete used for road base and wet weather deck construction, and d) other Beneficial Reuse materials (including PGM used for erosion control) as defined in 27 CCR Section 20690. PGM does not include green materials received that are not chipped or ground.
- v. To determine status of compliance with waste tonnage limits set in specification 4.c of this permit, the facility operator shall account for all accepted materials tonnage (including salvaged/recovered recyclables – if any, and green materials as defined in 14 CCR Section 17852) less the materials listed in condition 17.u of this permit.

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17. **Local Enforcement Agency Conditions (continued):** These conditions shall be in addition to conditions of other documents controlling operation and/or design of the facility.

Recordkeeping (continued)

- w. The facility operator shall notify the LEA via e-mail within one (1) business day of accepted daily tonnage less the tonnage of Exempt materials listed in condition 17.u of this permit exceeding 8,000 TPD. The notification or any follow-up reporting thereafter, shall include reason(s) for the tonnage violation and measure(s) implemented by facility's operator in response to prevent future recurrence
- x. The facility operator shall maintain at the facility a complete up-to-date log of special/unusual occurrences (S/U O). Each daily log entry shall include description of S/U O, if any, as outlined in Self-Monitoring Report content 16.a.5 of this permit and facility operator's response. Days without S/U O shall be noted with negative entry such as "No S/U O today". The log shall be readily accessible to facility personnel, the LEA, and any other regulatory agencies upon request.

Operation

- y. From 6:00 am to 7:00 am (Monday through Saturday), the facility operator can accept waste only from transfer trucks, and no waste from general public or other commercial haulers (e.g. collection route trucks) can be disposed of. Thereafter (i.e. 7:00 am to 4:00 pm Monday through Saturday), the facility can accept all types of vehicles.
- z. The facility operator shall comply with 27 CCR Section 20939(b)(1) and shall follow their *Guidelines for Elevated Subsurface Temperature Monitoring and Control* in Appendix I of the JTD including, but not limited to, regulatory agencies' notification requirements. For detected subsurface fire incidents lasting more than one week, the facility operator shall provide weekly progress reports via e-mail to the LEA no later than the second business day of each week following the first week. Further, the facility operator shall submit to the LEA a final report within fifteen (15) days of mitigating a subsurface fire. The final report shall include description of subsurface fire cause(s), type (shallow or deep), determined limits, implemented remedial measures, conclusion(s), recommendation(s), maps/plans, field data sheets/logs, photos, etc.
- aa. Should the facility experience chronic subsurface fire incidents as determined by the LEA, the facility operator may be required to take further action(s) including, but not limited to: a) implementing more proactive measure(s) to minimize the potential of future recurrences, or b) amending the *Guidelines for Elevated Subsurface Temperature Monitoring and Control* in Appendix I of the JTD. The LEA may also issue enforcement order(s).
- ab. The facility operator shall follow the *Supplemental Procedures and Measures* detailed in Appendix O of the JTD addressing abnormally elevated methane gas readings, increasing trend in methane gas readings approaching regulatory limit of 5% by volume concentration, and/or methane gas readings greater than 5% by volume in any compliance probe.
- ac. The facility operator shall implement control measures detailed in Section B.7 of the JTD pertaining to nuisance, landfill gas, traffic, and hazardous waste.
- ad. The facility operator shall notify the LEA via e-mail within one (1) business day of any verbal or written public complaint receipt. The notification or any follow-up reporting thereafter shall include facility operator's action(s) in response and the outcome, as discussed in Section B.6.1 of the JTD.
- ae. The facility operator shall notify the LEA via e-mail within five (5) business days of receiving any enforcement order, penalties, or fines from other regulatory agencies including, but not limited to: Notice to Comply, Notice of Violation, Cleanup and Abatement Order, Cease and Desist Order, Administrative Civil Liability, etc.
- af. The facility operator shall notify the LEA via e-mail within one (1) business day of any unscheduled facility shut down. The notification or any follow-up reporting thereafter shall include reason(s), facility operator's action(s) in response, and measure(s) implemented to prevent future recurrence.
- ag. The facility operator shall follow their *Policy and Procedure Manual No. 7.24 - Disposal of Potentially Contaminated Soil*.

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17. **Local Enforcement Agency Conditions (continued):** These conditions shall be in addition to conditions of other documents controlling operation and/or design of the facility.

Operation (continued)

- ah. The only LEA-approved alternative daily covers (ADC) are geosynthetic tarps and processed green material (PGM) as listed in Section B.5.2.1 of the JTD. Any proposal for the use of other ADC material shall be reviewed and approved by the LEA with concurrence by CalRecycle prior to implementation. If and when any proposed plans for other ADC material are submitted to the LEA for demonstration, it will include appropriate consultation with the RWQCB-SA to insure that any such use is consistent with the existing goals, objectives, outstanding Clean-up and Abatement Orders, if any, and related issues.
- ai. PGM, defined in 27 CCR Section 20690(b)(3), when used as ADC, shall be spread and compacted on the working face no later than the end of the working day. PGM applied as ADC shall have average compacted thickness ranging between six (6) and twelve (12) inches, and shall be restricted to quantities no more than necessary to meet the performance requirements of 27 CCR Section 20690(a)(2). Further, the facility operator shall inspect each load of PGM delivered to insure that it is contaminants-free, meets the specifications and handled as stated in Section B.5.2.1 of the JTD. Finally, the facility operator shall not stockpile PGM overnight.
- aj. Geosynthetic tarps, as defined in 27 CCR Section 20690((b)(1) and used as ADC, shall be of good condition, meet the specifications, and applied as stated in Section B.5.2.1 of the JTD.
- ak. Soil is the only approved intermediate cover for the facility. As stated in Section B.5.4 of the JTD, the facility has no LEA-approved alternative intermediate cover (AIC). Any proposal for the use of AIC material shall be reviewed and approved by the LEA with concurrence by CalRecycle prior to implementation. If and when any proposed plans for AIC material are submitted to the LEA for demonstration, it will include appropriate consultation with the RWQCB-SA to insure that any such use is consistent with the existing goals, objectives, outstanding Clean-up and Abatement Orders, if any, and related issues.