

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Title V Permit Summary

AQMD Facility ID: 113518		Application Submittal Date: April 4, 2012																									
Permit Revision #: TBD	Revision Date: TBD	Facility Permit Section(s) Affected: ALL																									
Company Name: BREA PARENT 2007, LLC		SIC code: 221119																									
Equipment Location: 1942 Valencia Avenue, Brea, CA 92821																											
AQMD Contact Person: Gaurang Rawal		Phone #: (909) 396-2543	E-Mail Address: grawal@aqmd.gov																								
Application Number(s): 535752																											
<p>Project Description: This is a Title V facility that operates Landfill Gas-to-Energy (LFGTE) plant at the Olinda Alpha Landfill in Brea, California. In October 2011, business name change Form 200 A was submitted; from Ridgewood Power Management, LLC to Brea Parent 2007, LLC. Landfill gas (LFG) is treated to remove siloxanes and other impurities and then LFG is combusted in three (3) internal combustion engines with 5.6 MW capacity power generation. Also, four (4) identical LFG fueled combustion turbines are issued permits to construct to generate total of about 22 MW power. Gas turbine construction has started recently. Permitted LFG enclosed flares serve as back up for LFGTE plant.</p>																											
Permit Type	<input type="checkbox"/> Initial Title V Permit <input checked="" type="checkbox"/> Permit Renewal <input type="checkbox"/> Significant Revision <input type="checkbox"/> De Minimis Significant Revision <input type="checkbox"/> Minor Revision <input type="checkbox"/> Administrative Revision <input type="checkbox"/> New Facility																										
Permit Features	<input type="checkbox"/> Federally Enforceable Emission Cap <input type="checkbox"/> Permit Contains Conditions Allowing Emission Trading <input type="checkbox"/> Permit Streamlines Overlapping or Outdated Requirements <input type="checkbox"/> Source Out of Compliance With Applicable Requirements and/or Operating Under a Variance <input type="checkbox"/> Permit Shield Applies <input type="checkbox"/> Alternative Operating Scenario <input type="checkbox"/> Other:																										
Toxic Air Contaminant Emissions (TAC) - Annual Reported Emissions for Reporting Year: <u>2011</u>	<input type="checkbox"/> No TACs Reported <input checked="" type="checkbox"/> The Following TACs Were Reported: <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 20%; text-align: center;">lbs/yr</th> <th style="width: 20%;"></th> <th style="width: 20%; text-align: center;">lbs/yr</th> </tr> </thead> <tbody> <tr> <td>Benzene</td> <td style="text-align: center;">142.1</td> <td>Naphthalene</td> <td style="text-align: center;">0.05</td> </tr> <tr> <td>Carbon Tetrachloride</td> <td style="text-align: center;">0.72</td> <td>PAHs, total</td> <td style="text-align: center;">0.014</td> </tr> <tr> <td>Formaldehyde</td> <td style="text-align: center;">5.75</td> <td>Perchloroethylene</td> <td style="text-align: center;">0.78</td> </tr> <tr> <td>Methylene chloride</td> <td style="text-align: center;">4.0</td> <td>Trichloroethylene</td> <td style="text-align: center;">0.62</td> </tr> <tr> <td></td> <td></td> <td>Vinyl Chloride</td> <td style="text-align: center;">0.29</td> </tr> </tbody> </table>				lbs/yr		lbs/yr	Benzene	142.1	Naphthalene	0.05	Carbon Tetrachloride	0.72	PAHs, total	0.014	Formaldehyde	5.75	Perchloroethylene	0.78	Methylene chloride	4.0	Trichloroethylene	0.62			Vinyl Chloride	0.29
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Health Risk From Toxic Air Contaminants	<input type="checkbox"/> Health Risk Reduction Plan in Force (AQMD Rule 1402) (date) _____ <input type="checkbox"/> Health Risk Assessment Required for this Permit Action (AQMD Rule 1401) <input type="checkbox"/> Facility is Subject to Review by the Air Toxics Information and Assessment Act (AB2588) <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Facility Determined to be Exempt from AB2588 Requirements <input type="checkbox"/> AQMD is Tracking Status of Facility under AB2588 <input type="checkbox"/> Health Risk Assessment Submitted to AQMD and Being Reviewed <input type="checkbox"/> Final Facility Health Risk Approved <p style="margin-left: 20px;">Cancer Risk = Not Available, per April 2011 Annual report on AB 2588 Acute Hazard Index = Not Available, per April 2011 Annual report on AB 2588 Chronic Hazard Index = Not Available, per April 2011 Annual report on AB 2588</p>																										
Criteria Pollutant Emissions Annual Reported Emissions (tons/year) for Reporting Year: <u>2011</u>	<input checked="" type="checkbox"/> NOx <u>23.89</u> <input checked="" type="checkbox"/> CO <u>10.98</u> <input checked="" type="checkbox"/> VOC <u>3.53</u> <input checked="" type="checkbox"/> PM <u>0.39</u> <input checked="" type="checkbox"/> SOx <u>0.27</u> <input type="checkbox"/> Other:																										
Compliance History 01/2010 – 05/2012	<input checked="" type="checkbox"/> Citizen Complaints Filed in Last Two Calendar Years (# <u>0</u>) <input checked="" type="checkbox"/> Notices to Comply Issued in Last Two Calendar Years (# <u>0</u>) <input checked="" type="checkbox"/> Notices of Violation Issued in Last Two Calendar Years (# <u>0</u>)																										
Comments: Title V permit renewal.																											