



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
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PUBLIC NOTICE

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NOTICE OF INTENT TO ISSUE PERMIT TO CONSTRUCT AND OF PROPOSED REVISION TO TITLE V PERMIT PURSUANT TO RULES 212 AND 3006

This notice is to inform you that the South Coast Air Quality Management District (South Coast AQMD) has received an application to construct a new landfill gas flare at Frank R. Bowerman Landfill. The South Coast AQMD is the air pollution control agency for all of Orange County and portions of Los Angeles, Riverside and San Bernardino Counties. Anyone wishing to install or modify equipment that could release or control air pollution within this region must first obtain a Permit to Construct from the South Coast AQMD. Rule 212 requires the applicant for certain projects, such as this one, to distribute and publish a public notice prepared by the South Coast AQMD prior to the issuance of a permit. This combined Rule 212 and Title V notice is being distributed and published in accordance with South Coast AQMD Rule 212(g) and Rule 3006.

The South Coast AQMD has evaluated the permit application for the following equipment and has determined that the equipment will meet all applicable air quality requirements of our Rules and Regulations.

Applicant:	OC Waste & Recycling, Frank R. Bowerman Landfill (Facility ID 69646)
Application Nos.:	614468 and 614469
Location:	11002 Bee Canyon Access Road, Irvine, CA 92602
Contact Person:	Jeff Arbour
	Environmental Services Manager, OC Waste & Recycling
Project Description:	Addition of a New Landfill Gas Flare (No. I-6)

The Frank R. Bowerman Landfill is a Class III, municipal solid waste landfill, which opened in 1990. South Coast AQMD's rules require landfill owners/operators to collect and control landfill gas (LFG) generated by the decomposition of waste to reduce methane and smog forming emissions. The facility currently has the following active permitted equipment with the South Coast AQMD: one (1) LFG collection system, one (1) LFG condensate/leachate/groundwater collection and storage system, two (2) LFG condensate storage tanks, one (1) LFG sulfur removal system, one (1) LFG flaring system with five (5) enclosed flares, one (1) service station for storage & dispensing gasoline, two (2) diesel boilers <550,000 Btu/hr for pressure/water/steam washers, and one (1) internal combustion engine (110 hp) driving an emergency fire pump. A Title V permit revision is proposed which includes the installation of one (1) new ultra-low emission flare to combust LFG. The equipment meets Best Available Control Technology requirements for this type of equipment. The emissions are greater than the applicable thresholds in Rule 3000(b)(7); therefore, the revision is considered a significant permit revision.

As required by Title V of the federal Clean Air Act, the South Coast AQMD will revise the existing Title V permit of this facility to reflect the proposed installation of the new flare. The Title V permit includes all the emission limits and operating conditions imposed on the equipment. The facility is required to certify compliance with the Title V permit in addition to recordkeeping and mandatory reporting of any deviation of the permit conditions. A Title V permit is enforceable by the South Coast AQMD, by the federal government, and by citizens. Public notification for these applications is required pursuant to South Coast AQMD Rule 212(c)(2), Rule 212(g), and Rule 3006(a).

Additionally, this project is subject to South Coast AQMD Rule 212(c)(2) and Rule 212(g) as the applicant is proposing to install a new ultra-low emission flare to combust LFG. Our calculations show that the maximum emissions (30-day average) from the installation and operation of this new ultra-low flare will be 73.00 pounds per day of nitrogen oxides (NOx), 175.20 pounds per day of carbon monoxide (CO), 35.53 pounds per day of particulate matter (PM10), 17.52 pounds per day of volatile organic compounds (VOC) and 59.37 pounds per day of sulfur oxides (SOx). Generally, the actual emissions for the flare will be less, as most facilities do not operate at their maximum potential. The operation of the equipment will also emit small quantities of some toxic compounds. These toxic compounds have been identified as acute (short term), chronic (long term), or carcinogenic air contaminants. South Coast AQMD has evaluated the acute and chronic health risks and they are both below our rule's toxic thresholds (below a hazard index of 1). According to health experts, a hazard index of one or less means that the surrounding community including the most sensitive individuals such as very young children and the elderly will not experience

any adverse health impacts due to the toxic nature of these emissions. The South Coast AQMD has also conducted a risk assessment to determine the maximum individual cancer risk (MICR) associated with the maximum exposure of carcinogenic emissions resulting from the installation and operation of the flare. Using worst case analysis assumes that the individual is exposed to the emissions for a 30-year duration. The MICRs in both cases are calculated to be well below the regulatory threshold risk level of one in a million.

The proposed permit can be viewed online at www3.aqmd.gov/webappl/publicnotices2/search.aspx by entering the facility's ID number shown above. In addition, information regarding the facility owner's compliance history submitted to the South Coast AQMD pursuant to California Health & Safety Code Section 42336, or otherwise known to the South Coast AQMD based on credible information, is also available at <https://xappprod.aqmd.gov/find>.

Anyone wishing to comment on this proposed permit should submit their comments in writing no later than 30 days from the distribution date shown below. If this day falls on a holiday, the comments will be accepted on the next business day.

Anyone wishing to comment on the issuance of the proposed permit should submit their comments in writing to:

South Coast Air Quality Management District
Engineering and Permitting
21865 Copley Drive
Diamond Bar, CA 91765-4178
Attention: Mr. Thomas G. Liebel, Senior Engineering Manager

Comments must be postmarked or emailed no later than September 3, 2021. For more information or to review additional supporting documents, please contact Mr. Thomas G. Liebel at (909) 396-2554 or by email at TLiebel@aqmd.gov. The South Coast AQMD will consider all public comments and may revise the Title V permit in accordance with South Coast AQMD rules and regulations. If you are concerned primarily about zoning decisions and the process by which this facility has been sited at this location, you should contact your local city or county planning department.

The public may request the South Coast AQMD to conduct a public hearing on the proposed Title V permit by submitting a Hearing Request Form (Form 500-G) to Mr. Thomas G. Liebel at the above South Coast AQMD address. The public hearing request must contain all the information requested on the form in order for the South Coast AQMD to properly determine whether the request is valid and if a public hearing will be held. The public hearing request form may be obtained from the internet at <http://www.aqmd.gov/docs/default-source/grants/500-g-form.pdf>. **Any request for a public hearing must be submitted to the South Coast AQMD no later than August 19, 2021. If this day falls on a holiday, the comments will be accepted on the next business day. A copy of the hearing request must also be sent by first class mail to the facility contact person listed above at the same time.**

Right to Petition U.S. Environmental Protection Agency (EPA) for Reconsideration: Title V Permits are also subject to review and approval by U.S. EPA. If a public comment is sent to the South Coast AQMD for this permit, and the South Coast AQMD has not addressed the comment in a satisfactory manner, and the EPA has not objected to the proposed permit, then the public may submit a petition requesting that the EPA reconsider the decision not to object. Petitions shall be submitted to U.S. EPA, Region 9, Operating Permits Section at 75 Hawthorne Street, San Francisco, CA 94105, within 60 days after the end of the 45-day EPA review period. The EPA review period for this permit starts no earlier than July 30, 2021. EPA's review status may be found at <http://www2.epa.gov/caa-permitting/electronic-permit-submittal-system-region-9>.

For your general information, anyone experiencing air quality problems such as dust, smoke or odors can telephone in a complaint to the South Coast AQMD by calling 1-800-CUT-SMOG (1-800-288-7664) or file a complaint online at <http://www3.aqmd.gov/webappl/complaintsystemonline/NewComplaint.aspx>.

Distribution Date: 8/27/2021