



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

NOTICE OF INTENT TO ISSUE PERMITS TO CONSTRUCT AND OPERATE PURSUANT TO RULES 212 and 3006

This notice is to inform you that the South Coast Air Quality Management District (SCAQMD) has received fifteen applications for Permits to Construct and Operate to install two mixers, two silos, two storage tanks and one weigh hopper, to modify an air pollution control system and six silos, and to update permit conditions for an existing mixer at a location in your neighborhood. The SCAQMD is the air pollution control agency for all of Orange County and portions of Los Angeles, Riverside and San Bernardino Counties. Anyone wishing to operate, install or modify equipment that could be a source of air pollution within this region must first obtain permits from the SCAQMD. Rule 212 requires the applicant for certain projects to distribute and publish a public notice prepared by the SCAQMD prior to the issuance of a permit. This notice is being distributed because of the level of emissions.

The SCAQMD has evaluated the permit applications for the following equipment and determined that the equipment will meet all applicable air quality requirements of our Rules and Regulations.

APPLICANT: NEW BASIS, LLC (ID 40806)

APPLICATION NOS.: 554835, 554836, 554837, 554839, 554841, 554842, 554843, 554846, 554847, 554848, 554849, 554850, 556160, 556161 and 556162

LOCATION: 2626 KANSAS AVENUE, RIVERSIDE, CA 92507

PROJECT: INSTALL TWO MIXERS, TWO SILOS, TWO STORAGE TANKS & ONE WEIGH HOPPER, MODIFY AN EXISTING AIR POLLUTION CONTROL SYSTEM & SIX SILOS, AND UPDATE PERMIT CONDITIONS FOR A MIXER.

New Basis, LLC manufactures polymer concrete enclosures and lids. The mixers are used to mix solids and resin used in molds to make these products. The solid materials are stored in the storage silos which are each vented to a dust collector (bin vent) to minimize particulate matter. Resin is stored in the resin storage tanks. Resin is also sprayed in a spray booth for certain products. There are some emissions of particulate matter (PM) from the storage of the solids, mixing and spraying operations, and volatile organic compounds (VOC) from the resin during the spraying, mixing and molding process. The facility is proposing to install a new polymer concrete mixing operation that will consist of two mixers, two silos, two storage tanks and one weigh hopper. The new mixers will be vented to a new baghouse to reduce PM emissions and then to the existing regenerative thermal oxidizer (RTO) to reduce VOC emissions. The new silos will be equipped with bin vents to minimize PM emissions during loading. Screw conveyors will transport the solids from the silos to the new weigh hopper where the proper ratio of materials are added before going to the mixers. The RTO will be modified to vent the new mixers and include the new baghouse. The modifications to the silos include adding an enclosed screw conveyor and increasing the allowable throughput to three of the silos, and updating the permit description to include the bin vents with the silos. The change of permit conditions for the mixer is to update the VOC emission factor based on a source test.

The facility operates under an existing VOC cap of 5,133 pounds per calendar month (approximately 171 pounds per day). Our calculations show a maximum of 134 pounds of VOC per day and an increase of 1.2 pounds per day of PM less than 10 microns could be emitted from this project. This project will not cause a net increase in the potential VOC emissions from this facility since the facility-wide VOC emission limit is not changing. Generally, the actual emissions will be less than the emission limit as

most facilities do not operate at their maximum potential. But even at the maximum amount, this project complies with all aspects of the SCAQMD's air pollution control requirements.

Use of the resin in the storage, mixing, and molding operations will result in emissions of styrene, which is considered a toxic compound, but there are no emissions of carcinogenic compounds. The SCAQMD has evaluated the short term (acute) and long term (chronic) health impacts associated with the maximum potential emissions from the proposed project. Using worst case conditions, our evaluation shows that the chronic and acute health risks are both below our rule's toxic thresholds (below a Hazard Index of 1). According to the state 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 operation of this equipment is not expected to cause any long term cancer risk.

The air quality analysis of this project is available for public review at the SCAQMD's headquarters in Diamond Bar, and at the Riverside Public Library, 3581 Mission Inn Avenue, Riverside, CA 92501. Copies of the draft permits can be viewed at <http://www3.aqmd.gov/webappl/PublicNotices2/> by entering the company's name. Information regarding the facility owner's compliance history submitted to the SCAQMD pursuant to California Health & Safety Code Section 42336, or otherwise known to SCAQMD, based on credible information, is also available from the SCAQMD for public review. Anyone wishing to comment on the proposed issuance of these permits should submit their comments in writing by July 7, 2014. 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. Please submit comments related to air quality to Mr. Todd Iwata, Air Quality Engineer, Coating, Printing, Plating, Military & Entertainment Operations, Engineering and Compliance, South Coast Air Quality Management District, 21865 Copley Drive, Diamond Bar, California 91765-4178. For additional information, please call Mr. Todd Iwata at (909) 396-2574.

For your general information, anyone experiencing air quality problems such as dust or odor can telephone in a complaint to the AQMD by calling 1-800-CUT-SMOG (1-800-288-7664).

Proposed Title V Significant Permit Revision

This is an existing facility applying for a revision to their Title V permit. Pursuant to Title V of the federal Clean Air Act and AQMD Rule 3000(b)(31)(I), a facility with a Title V permit that proposes to install new equipment subject to a NSPS or NESHAP is considered a significant permit revision. This project is subject to National Emission Standards for Hazardous Air Pollutants (NESHAP) 40 CFR 63 Subpart WWWW for Reinforced Plastic Composites Production. Accordingly, the above facility has submitted a Title V Significant Permit Revision application and requested the SCAQMD to revise their Title V permit.

The public may request the SCAQMD to conduct a public hearing on the proposed Title V permit by submitting a Hearing Request Form (Form 500-G) to Mr. Todd Iwata of the SCAQMD. The SCAQMD will hold a public hearing if there is evidence that the proposed Title V permit is incorrect or inadequate to ensure compliance with regulatory requirements, and that a public hearing will likely provide additional information that will affect the drafting and/or issuance of the permit. Public hearing request forms and the schedule of public hearings may be obtained from the SCAQMD by calling the Title V hotline at (909) 396-3013 or downloading from the Internet at <http://www.aqmd.gov/titlev>. The request for a public hearing must be submitted by June 20, 2014 to Mr. Todd Iwata at the above SCAQMD address. A copy of the hearing request must also be sent by first class mail to Mr. Jeff Irvine, VP Operations, New Basis, LLC, 2626 Kansas Avenue, Riverside, CA 92507.