



**South Coast
AIR QUALITY MANAGEMENT DISTRICT**

21865 E. Copley Drive, Diamond Bar, CA 91765-4182 (909) 396-2000

N60258.000671
NSY LONG BEACH
SSIC #5090.3

May 14, 1993

Southwest Division
Naval Facilities Engineering Command
1220 Pacific Highway
San Diego, CA 92132-5190

Attention: Andrea Muckerman
Technical Review Committee

Gentlemen:

Reference is made to the Draft Remedial Investigation/ Feasibility Study (RI/FS) completed on April 30, 1993, for the Naval Station and Naval Shipyard in Long Beach. The South Coast Air Quality Management District (SCAQMD) has reviewed these documents and has the following comments:

1. Please specify if this project falls under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) or is classified as a State Mitigation Site. If under CERCLA, this project would be under the jurisdiction of the Federal EPA and not the SCAQMD. If this is the case, please disregard comments 2 through 7. However, if this project is classified as a State Mitigation Site, it is under the jurisdiction of the District and comments 2 through 7 still apply.
2. Please submit the Draft Environmental Impact Report (EIR) for SCAQMD approval.
3. Please submit the Draft Removal Action Plan (RAP) to specify procedures for remediation for SCAQMD review.
4. Please submit the Air Toxics Report for SCAQMD review.
5. Please note that a Rule 1150 Excavation Permit will be required for any activity which disturbs the soil.
6. Please note that a Permit to Construct or Operate will be required for all stationary equipment which has the potential to emit pollutants into the atmosphere.
7. Please incorporate the SCAQMD Rules and Regulation listed in the following pages into the Applicable or Relevant and Appropriate Rules (ARAR's).

Regulation IV - Prohibitions

Rule 401 - Visible Emissions

This rule limits visible emissions from any point source to Ringlemann No. 1 or 20 percent opacity for 3 minutes in any hour.

Rule 402 - Nuisance

This rule prohibits the discharge of any material (including odorous compounds) that causes injury or annoyance to the public, property or business or endangers human health, comfort, repose or safety.

Rule 403 - Fugitive Dust

This rule limits on site activities so that the concentrations of fugitive dust at the property line shall not be visible and the downwind particulate concentration shall not be more than 100 micrograms per cubic meter, averaged over five hours, above the upwind particulate concentrations. These requirements do not apply if the wind speed, averaged over fifteen minutes, is above 15 miles per hour. The rule also requires every reasonable precaution to minimize fugitive dust and the prevention and cleanup of any material accidentally deposited on paved streets.

Rule 404 - Particulate Matter

This rule limits particulate emissions for given volumetric gas flow rates.

Rule 405 - Solid Particulate Matter

This rule establishes allowable discharges for particulates at rates of 0.99 to 30 pounds per hour.

Rule 407 - Liquid and Gaseous Air Contaminants

This rule limits carbon monoxide emissions to 2000 ppm and sulfur dioxide emissions to 500 ppm averaged over 15 minutes.

Rule 408 - Circumvention

This rule prohibits a person from building, erecting, installing or using any equipment, the use of which reduces or conceals an emission which would otherwise constitute a violation.

Rule 409 - Fuel Combustion Contaminants

This rule limits the emissions of particulate matter from a combustion source to 0.23 grams per cubic meter (0.1 grains per standard cubic foot) at 12 percent CO₂ averaged over 15 minutes.

Rule 431.1, 431.2, 431.3 - Sulfur Content of Combustible Fuels

This rule establishes allowable sulfur contents for combustion fuels.

Rule 473 - Disposal of Solid and Liquid Wastes

This rule limits incinerators designed to dispose of combustible refuse at burning rates greater than 50 kilograms per hour from releasing particulate matter in excess of 0.23 grams per cubic meter (0.10 grains per standard cubic foot) of gas calculated to 12 percent of carbon dioxide

Rule 474 - Fuel Burning Equipment-Oxides of Nitrogen

This rule limits the concentration of oxides of nitrogen (as NO₂) to a range of 125 to 300 ppm for gaseous fuels and 225 to 400 ppm for solid and liquid fuels depending on equipment size.

Regulation IX - Standards of Performance for New Stationary Sources.

This regulation implements the provisions of Part 60, Chapter I, Title 40 of the Code of Federal Regulations (CFR) under the supervision of SCAQMD Executive Officer.

Regulation X - National Emission Standards for Hazardous Air Pollutants

This regulation implements the provisions of Part 61, Chapter I, Title 40 of the Code of Federal Regulations (CFR) under the supervision of SCAQMD Executive Officer.

Regulation XI - Source Specific Standards

Rule 1150 - Excavation of Landfill Sites

This rule states that no person shall initiate excavation of an active or inactive landfill without an Excavation Management Plan approved by the Executive Officer of SCAQMD. Plan shall provide information regarding the quantity and characteristics of the material to be excavated and transported and shall identify mitigation measures including gas collection and disposal, baling, encapsulating, covering the material and chemical neutralizing.

Rule 1150.1 - Control of Gaseous Emissions from Active Landfills

This rule limits gaseous emissions from active landfills.

Rule 1150.2 - Control of Gaseous Emissions from Inactive Landfills

This rule limits gaseous emissions from active landfills.

Rule 1166 - Volatile Organic Compound Emissions from Decontamination of Soil

This rule limits the emissions of volatile organic compounds (VOC's) from contaminated soil.

Regulation XIII - New Source Review

This regulation sets forth pre-construction review requirements for new or modified stationary sources to ensure that the operation of such stationary sources does not interfere with the progress in attainment of the national and state ambient air quality standards, without unnecessarily restricting future economic growth within the District.

Rule 1306 Emission - Calculations

This rule is used as the basis for calculating applicability of Regulation XIII.

Rule 1309.1 - Community Bank

This rule establishes a community bank for the purpose of allowing certain facilities to locate in the District.

Regulation XIV - Toxics

Rule 1401 - New Source Review of Carcinogenic Air Contaminants
This regulation specifies limits for cancer risk and excess cancer cases from new stationary sources and modifications to existing stationary sources that emit carcinogenic air contaminants. The rule establishes allowable emission impacts for all such stationary sources requiring new permits pursuant to SCAQMD Rules 201 or 203. Best Available Control Technology for Toxics (T-BACT) will be required for any system where a lifetime (70 years) maximum individual cancer risk of one in one million or greater is estimated to occur. Limits are calculated using risk factors for specific contaminants.

Best Available Control Technology (BACT) Guidelines document

This document was compiled by SCAQMD. Although a guideline, it set up requirements for BACT

If you have any questions regarding this letter, please call Mr. Ted Kowalczyk at (909) 396-2593 or Mr. Arthur Carbonell at (909) 396-2616.

Sincerely,



William C. Thompson
Senior Manager

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