



CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC HEALTH
AIR MANAGEMENT SERVICES

Sunoco Belmont Remediation
PLID 01508
Plan Approval No. 01092

PLAN APPROVAL

Approval No: 01092

Source: Open Bed Biofilter

Owner: Atlantic Refining & Marketing Co. Location: Sunoco Inc., Belmont Terminal
2700 W. Passyunk Av.
Philadelphia, PA.

Address: 1801 Market St., 15/10PC
Philadelphia, PA 19103.

Attention: Mr. Jeff McGill
Environmental Engineer.

In accordance with provisions of the Title 3 of the Philadelphia Code, the Air Pollution Code of February 17, 1995, as amended, and after due consideration of an application received under the rules and regulations of the Philadelphia Air Pollution Control Board and the Pennsylvania Department of Environmental Protection (PADEP), the City of Philadelphia, Department of Public Health, Air Management Services (AMS) on October 5, 2001 approved plans for installation of the air cleaning device described below:

One Open Bed Biofilter at Sunoco Inc. (R&M) Belmont Terminal,
2700 W. Passyunk Av., Philadelphia, PA.

This Plan Approval expires on April 5, 2003.

Nothing in this plan approval relieve Sunoco Inc., from its responsibility to comply with all applicable federal state and AMS regulations.

1. The Biofilter shall be operated in accordance with the specifications in the application (as approved herein).

See attached for additional conditions.


Thomas Rajan Barsley,
Engineering Supervisor.

072011411.

PLAN APPROVAL CONDITIONS
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COMPANY: Sunoco, Inc. Belmont Terminal

1. The Biofilter shall be installed, operated and maintained according to the manufacturer's specifications to maximize odor reduction for the air stream it controls
2. Odors from the process shall not cause odor nuisance outside the boundary of the property.
3. Sunoco Inc., shall smoke test the piping of the biofilter before filling the filter media, to ensure proper distribution of the influent vapors. The biofilter shall be smoke tested after filling with the filter media to eliminate any channeling. The smoke testing shall be repeated every 6 months.
4. Sunoco Inc. shall inspect and calibrate the humidification system on a monthly basis to assure 100% relative humidity for the influent stream to the biofilter.
5. Sunoco Inc. shall inspect and calibrate the temperature control system on a monthly basis to assure proper operating temperature of the influent stream to the biofilter.
6. Sunoco Inc. shall monitor and record the following information:
 - i. humidity and temperature of the influent stream daily.
 - ii. pH of the filter media monthly.
7. Sunoco Inc. shall record all maintenance procedures and check lists in accordance with manufacturer's specifications. All records for conditions 3,4,5, and 6 above shall be retained for a minimum period of five years and made available to AMS upon request.