

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR QUALITY

ORC

File

EPA

OPERATING PERMIT

In accordance with provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and after due consideration of an application received under Chapter 127 of the rules and regulations of the Department of Environmental Protection, the Department hereby issues this permit for the operation of the air contamination source(s) described below.

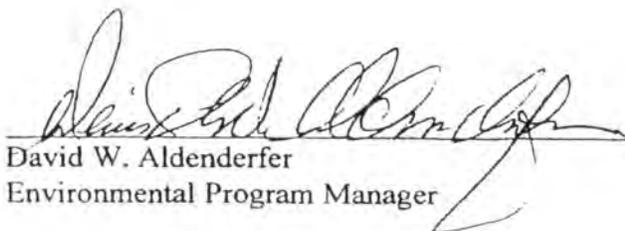
Permit No.:	<u>OP-14-0004</u>	Source &	<u>3 rotary lime kilns (1, 2 and 3)</u>
Owner:	<u>Graybec Lime, Inc.</u>	Air	<u>and 2 waste oil furnaces</u>
		Cleaning	<u></u>
Address:	<u>P.O. Box 448</u>	Device:	<u></u>
	<u>Bellefonte, PA 16823</u>		<u></u>
Attn:	<u>Norman A. Aggon</u>	Location:	<u>Pleasant Gap Plant</u>
	<u>Vice President of Operations</u>		<u>Spring Township, Centre County</u>

This permit is subject to the following conditions:

1. That the source(s) and any associated air cleaning device(s) are to be:
 - a. operated in such a manner as not to cause air pollution;
 - b. in compliance with the specifications and conditions of the applicable plan approval(s) issued;
 - c. operated and maintained in a manner consistent with good operating and maintenance practices.
2. This permit is valid only for the specific equipment, location and owner named above.

See attached for additional conditions.

Issued: **APR 16 1999**


David W. Aldenderfer
Environmental Program Manager

cc: Hawk Run
Harrisburg
File

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COMPANY: Graybec Lime, Inc.

3. This operating permit incorporates Reasonably Available Control Technology (RACT) determinations as required by Title I provisions of the Clean Air Act Amendments and 25 Pa. Code Sections 129.91 through 129.95 for 3 bituminous coal/petroleum coke-fired rotary lime kilns identified as #1, 2 and 3 (the air contaminant emissions from which are controlled by 2 Marblehead Lime Company model 12 P 78 fabric collectors identified as A and B), a .3 million BTU/hour Sunfire waste oil furnace and a .4 million BTU/hour Shenandoah waste oil furnace.

5. Pursuant to the RACT provisions of Sections 129.91 through 129.95 of Chapter 129 of Article III of the Rules and Regulations of the Department of Environmental Protection, the combined nitrogen oxides emissions (NO_x, expressed as NO_Z) from kilns 1, 2 and 3 shall not at any time exceed 8.8 pounds per ton of lime produced by the kilns.

6. Pursuant to the RACT provisions of Sections 129.91 through 129.95 of Chapter 129 of Article III of the Rules and Regulations of the Department of Environmental Protection, the oxygen content in the exhaust of kiln 1, kiln 2 and kiln 3 shall not be permitted to exceed 3% except for up to 24 hours per month for each kiln. All three kilns shall be equipped with instrumentation to accurately monitor and record the oxygen content on a continuous basis except that each monitor may be offline for up to 20 hours per month.

7. The permittee shall perform nitrogen oxides stack testing upon the kilns every 12 months with the first such testing to be performed within 120 days of the issuance of this operating permit. All testing performed pursuant to this condition shall be conducted in accordance with the requirements specified in Chapter 139 of Article III of the Rules and Regulations of the Department of Environmental Protection.

8. At least 60 days prior to each occurrence of testing required by condition 7 herein, a test plan or protocol shall be submitted to the Department for evaluation. This plan shall contain a description of the proposed test methods as well as dimensioned drawings showing the location of the proposed test ports.

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10. Within 90 days of the completion of any testing performed to satisfy the requirements of condition 7 herein, the permittee shall submit 2 copies of a test report to the Department. This report shall contain the results of the testing (expressed as pounds of NO₂ per ton of lime produced and pounds of NO₂ per hour), a description of the testing and analytical procedures actually used in the performance of the testing, detailed records of the kiln production rates achieved during each individual test run, all other kiln and air pollution control equipment operating data collected during the testing, a copy of all raw data and a copy of all calculations generated during data analysis.
11. Pursuant to the presumptive RACT provisions of Section 129.93(c) of Chapter 129 of Article III of the Rules and Regulations of the Department of Environmental Protection, the .3 million BTU/hour Sunfire waste oil heater and the .4 million BTU/hour Shenandoah waste oil heater identified in condition 3 herein shall be maintained and operated in accordance with manufacturer's specifications as well as good air pollution control practices.
12. The permittee shall maintain records in accordance with the recordkeeping requirements of 25 Pa. Code Section 129.95 which, at a minimum, shall include:
 - The daily stone usage and lime production rates for each day of operation of each kiln.
 - The daily bituminous coal and petroleum coke usage rates for each day of operation of each kiln.

The company shall also maintain records of kiln temperatures, kiln exhaust gas oxygen levels and oxygen monitor downtime for all 3 kilns.

All records maintained pursuant to this condition shall be retained for a period of at least 2 years and shall be made available to the Department upon request.

