



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

VALLEY REGIONAL OFFICE

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STATE AIR POLLUTION CONTROL BOARD ENFORCEMENT ACTION - ORDER BY CONSENT ISSUED TO O-N MINERALS (CHEMSTONE) COMPANY Registration No. 80252

SECTION A: Purpose

This is a Consent Order issued under the authority of Va. Code §§ 10.1-1309 and -1316, between the State Air Pollution Control Board and O-N Minerals (Chemstone) Company, for the purpose of resolving certain violations of the Virginia Air Pollution Control Law, the Permit and applicable regulations. This Consent Order supersedes and terminates the Consent Order dated February 18, 2014.

SECTION B: Definitions

Unless the context clearly indicates otherwise, the following words and terms have the meaning assigned to them below:

1. "BART SOP" means the Best Available Retrofit Technology State Operating Permit issued to O-N Minerals on December 28, 2009 and amended August 6, 2010.
2. "Board" means the State Air Pollution Control Board, a permanent citizens' board of the Commonwealth of Virginia, as described in Va. Code §§ 10.1-1184 and -1301.
3. "Department" or "DEQ" means the Department of Environmental Quality, an agency of the Commonwealth of Virginia, as described in Va. Code § 10.1-1183.
4. "Director" means the Director of the Department of Environmental Quality, as described in Va. Code § 10.1-1185.

5. "Facility" means the O-N Minerals (Chemstone) Company - Strasburg facility located at 1696 Oranda Road, Strasburg, Shenandoah County, Virginia, that processes limestone, and manufactures lime and hydrated lime.
6. "Notice of Violation" or "NOV" means a type of Notice of Alleged Violation under Va. Code § 10.1-1309.
7. "NSR Permit" means one of the New Source Review permits which were issued under the Virginia Air Pollution Control Law and the Regulations to O-N Minerals on May 22, 2006, March 25, 2010, August 6, 2010 and June 23, 2014.
8. "O-N Minerals" means O-N Minerals (Chemstone) Company, a corporation authorized to do business in Virginia, and its affiliates, partners, and subsidiaries. O-N Minerals (Chemstone) Company is a "person" within the meaning of Va. Code § 10.1-1300.
9. "Order" means this document, also known as a "Consent Order" or "Order by Consent," a type of Special Order under the Virginia Air Pollution Control Law.
10. "PCE" means Partial Compliance Evaluation by DEQ staff.
11. "PM" means particulate matter.
12. "Regulations" or "Regulations for the Control and Abatement of Air Pollution" means 9 VAC 5 chapters 10 through 80.
13. "Title V Permit" means the Title V Operating Permit, which was issued under the Virginia Air Pollution Control Law and the Regulations to O-N Minerals on July 30, 2002.
14. "Va. Code" means the Code of Virginia (1950), as amended.
15. "VAC" means the Virginia Administrative Code.
16. "Virginia Air Pollution Control Law" means Chapter 13 (§ 10.1-1300 *et seq.*) of Title 10.1 of the Va. Code.

SECTION C: Findings of Fact and Conclusions of Law

1. O-N Minerals (Chemstone) Company (O-N Minerals) is the owner and operator of a manufacturing plant for lime and hydrated lime located in Strasburg, Virginia.
2. O-N Minerals (Chemstone) Company –Strasburg (Facility) is subject to a Title V Operating permit dated July 30, 2002, a BART SOP amended August 6, 2010, and NSR permits dated May 22, 2006, March 25, 2010, August 6, 2010 and June 23, 2014.

3. O-N Minerals is subject to a Virginia State Air Pollution Control Board Consent Order effective February 18, 2014. Appendix A of that Consent Order requires quarterly stack testing to demonstrate compliance with PM emission limits for the Hydrator contained in the Title V Permit.
4. On August 14, 2014, DEQ staff conducted a PCE of the Facility's Hydrator Particulate Matter test report received on July 29, 2014 for stack testing conducted on June 10, 2014. The following describe the staff's observations and identify the applicable legal requirements.

Reported PM emissions were 1.85 lb/hr.

Appendix A to the February 18, 2014, Consent Order requires O-N Minerals "to perform performance testing during each of the four calendar quarters following the effective date of this Consent Order for particulate matter (PM) on the hydrator (U10) using EPA Method 5 (40 CFR Part 60, Appendix A) or other DEQ approved method. The tests shall demonstrate compliance with the standard contained in Permit Condition V.A.3."

Title V Permit Condition V.A.3 states that "Particulate emissions from the operation of the atmosphere hydrator (U10) shall not exceed the limitations specified below: Particulate Matter 1.0 lb/hr ..."

5. On August 19, 2014, based on the August 14, 2014 PCE, the Department issued Notice of Violation (NOV) No. AVRO9011 (CEDs No. AVRO9011-001) to O-N Minerals for the violations described in paragraph 4 above.
6. On October 6, 2014, DEQ staff conducted a PCE of the Facility's Hydrator Particulate Matter test report received on September 29, 2014 for stack testing conducted on August 12, 2014. The following describe the staff's observations and identify the applicable legal requirements.

Reported PM emissions were 5.67 lb/hr.

Appendix A to the February 18, 2014, Consent Order requires O-N Minerals "to perform performance testing during each of the four calendar quarters following the effective date of this Consent Order for particulate matter (PM) on the hydrator (U10) using EPA Method 5 (40 CFR Part 60, Appendix A) or other DEQ approved method. The tests shall demonstrate compliance with the standard contained in Permit Condition V.A.3."

Title V Permit Condition V.A.3 states that "Particulate emissions from the operation of the atmosphere hydrator (U10) shall not exceed the limitations specified below: Particulate Matter 1.0 lb/hr ..."

7. On October 23, 2014, based on the October 6, 2014 PCE, the Department issued Notice of Violation (NOV) No. AVRO9062 (CEDs No. AVRO9011-002) to O-N Minerals for the violations described in paragraph 6 above.
8. On November 25, 2014, DEQ staff conducted a PCE of the Facility's Hydrator Particulate Matter test report received on November 3, 2014 for stack testing conducted on September 30, 2014. The following describe the staff's observations and identify the applicable legal requirements.

Reported PM emissions were 1.5 lb/hr.

Appendix A to the February 18, 2014, Consent Order requires O-N Minerals "to perform performance testing during each of the four calendar quarters following the effective date of this Consent Order for particulate matter (PM) on the hydrator (U10) using EPA Method 5 (40 CFR Part 60, Appendix A) or other DEQ approved method. The tests shall demonstrate compliance with the standard contained in Permit Condition V.A.3."

Title V Permit Condition V.A.3 states that "Particulate emissions from the operation of the atmosphere hydrator (U10) shall not exceed the limitations specified below: Particulate Matter 1.0 lb/hr ..."

9. On December 3, 2014, based on the November 25, 2014 PCE, the Department issued Notice of Violation (NOV) No. AVRO9096 (CEDs No. AVRO9011-003) to O-N Minerals for the violations described in paragraph 8 above.
10. On February 12, 2015, DEQ staff conducted a PCE of the Facility's Hydrator Particulate Matter test report received on January 30, 2015 for stack testing conducted on December 16, 2014 and observed that the report indicated compliance with hydrator PM emission limits.
11. On February 19, 2015, the Facility provided documentation that indicated that repair and modifications made to the hydrator, including piping fresh water to the top spray header and replacing nozzles with ones that created a finer spray mist of water, had been completed. They also stated that the unit was now in compliance with emission limits.
12. Based on the results of the August 14, 2014, October 6, 2014 and November 25, 2014 PCEs, the Board concludes that O-N Minerals has violated the Consent Order effective February 18, 2014 and Title V Permit condition V.A.3 as described in paragraphs C(4) through C(9) above.
13. In order for O-N Minerals to complete its return to compliance, DEQ staff and representatives of O-N Minerals have agreed to the Schedule of Compliance, which is incorporated as Appendix A of this Order.

SECTION D: Agreement and Order

Accordingly, by virtue of the authority granted it in Va. Code §§ 10.1-1309 and -1316, the Board orders O-N Minerals, and O-N Minerals agrees to:

1. Perform the actions described in Appendix A of this Order; and
2. Pay a civil charge of **\$23,187.00** within 30 days of the effective date of the Order in settlement of the violations cited in this Order.

Payment shall be made by check, certified check, money order or cashier's check payable to the "Treasurer of Virginia," and delivered to:

Receipts Control
Department of Environmental Quality
Post Office Box 1104
Richmond, Virginia 23218

O-N Minerals shall include its Federal Employer Identification Number (FEIN) with the civil charge payment and shall indicate that the payment is being made in accordance with the requirements of this Order for deposit into the Virginia Environmental Emergency Response Fund (VEERF). This Consent Order supersedes and terminates the Consent Order dated February 18, 2014.

SECTION E: Administrative Provisions

1. The Board may modify, rewrite, or amend this Order with the consent of O-N Minerals for good cause shown by O-N Minerals, or on its own motion pursuant to the Administrative Process Act, Va. Code § 2.2-4000 *et seq.*, after notice and opportunity to be heard.
2. This Order addresses and resolves only those violations specifically identified in Section C of this Order. This Order shall not preclude the Board or the Director from taking any action authorized by law, including but not limited to: (1) taking any action authorized by law regarding any additional, subsequent, or subsequently discovered violations; (2) seeking subsequent remediation of the facility; or (3) taking subsequent action to enforce the Order.
3. For purposes of this Order and subsequent actions with respect to this Order only, O-N Minerals admits the jurisdictional allegations, and agrees not to contest, but neither admits nor denies, the findings of fact and conclusions of law in this Order.
4. O-N Minerals consents to venue in the Circuit Court of the City of Richmond, Virginia for any civil action taken to enforce the terms of this Order.

5. O-N Minerals declares it has received fair and due process under the Administrative Process Act and the Virginia Air Pollution Control Law and it waives the right to any hearing or other administrative proceeding authorized or required by law or regulation, and to any judicial review of any issue of fact or law contained herein. Nothing herein shall be construed as a waiver of the right to any administrative proceeding for, or to judicial review of, any action taken by the Board to modify, rewrite, amend, or enforce this Order.
6. Failure by O-N Minerals to comply with any of the terms of this Order shall constitute a violation of an order of the Board. Nothing herein shall waive the initiation of appropriate enforcement actions or the issuance of additional orders as appropriate by the Board or the Director as a result of such violations. Nothing herein shall affect appropriate enforcement actions by any other federal, state, or local regulatory authority.
7. If any provision of this Order is found to be unenforceable for any reason, the remainder of the Order shall remain in full force and effect.
8. O-N Minerals shall be responsible for failure to comply with any of the terms and conditions of this Order unless compliance is made impossible by earthquake, flood, other acts of God, war, strike, or such other occurrence. O-N Minerals shall show that such circumstances were beyond its control and not due to a lack of good faith or diligence on its part. O-N Minerals shall notify the DEQ Regional Director verbally within 24 hours and in writing within three business days when circumstances are anticipated to occur, are occurring, or have occurred that may delay compliance or cause noncompliance with any requirement of the Order. Such notice shall set forth:
 - a. the reasons for the delay or noncompliance;
 - b. the projected duration of any such delay or noncompliance;
 - c. the measures taken and to be taken to prevent or minimize such delay or noncompliance; and
 - d. the timetable by which such measures will be implemented and the date full compliance will be achieved.

Failure to so notify the Regional Director verbally within 24 hours and in writing within three business days, of learning of any condition above, which O-N Minerals intends to assert will result in the impossibility of compliance, shall constitute a waiver of any claim to inability to comply with a requirement of this Order.

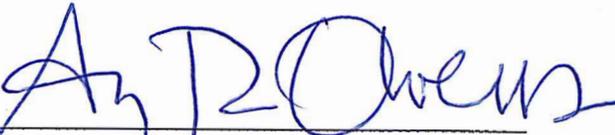
9. This Order is binding on the parties hereto, their successors in interest, designees and assigns, jointly and severally.

10. This Order shall become effective upon execution by both the Director or his designee and O-N Minerals. Nevertheless, O-N Minerals agrees to be bound by any compliance date which precedes the effective date of this Order.
11. This Order shall continue in effect until:
 - a. The Director or his designee terminates the Order after O-N Minerals has completed all of the requirements of the Order;
 - b. O-N Minerals petitions the Director or his designee to terminate the Order after it has completed all of the requirements of the Order and the Director or his designee approves the termination of the Order; or
 - c. The Director or Board terminates the Order in his or its sole discretion upon 30 days' written notice to O-N Minerals.

Termination of this Order, or any obligation imposed in this Order, shall not operate to relieve O-N Minerals from its obligation to comply with any statute, regulation, permit condition, other order, certificate, certification, standard, or requirement otherwise applicable.

12. Any plans, reports, schedules or specifications attached hereto or submitted by O-N Minerals and approved by the Department pursuant to this Order are incorporated into this Order. Any non-compliance with such approved documents shall be considered a violation of this Order.
13. The undersigned representative of O-N Minerals certifies that he or she is a responsible official authorized to enter into the terms and conditions of this Order and to execute and legally bind O-N Minerals to this document. Any documents to be submitted pursuant to this Order shall also be submitted by a responsible official of O-N Minerals.
14. This Order constitutes the entire agreement and understanding of the parties concerning settlement of the violations identified in Section C of this Order, and there are no representations, warranties, covenants, terms or conditions agreed upon between the parties other than those expressed in this Order.
15. By its signature below, O-N Minerals (Chemstone) Company voluntarily agrees to the issuance of this Order.

And it is so ORDERED this 14th day of April, 2015

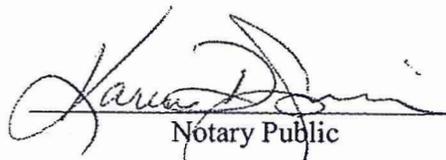

Amy T. Owens, Regional Director
Department of Environmental Quality

O-N Minerals (Chemstone) Company voluntarily agrees to the issuance of this Order.

Date: 4/10/15 By: K. Whyte, VP General Counsel
Kevin Whyte Title
O-N Minerals (Chemstone) Company

Commonwealth of ~~Virginia~~ Pennsylvania
City/County of Allegheny

The foregoing document was signed and acknowledged before me this 10th day of April, 2015, by Kevin J. Whyte who is VP General Counsel of O-N Minerals (Chemstone) Company, on behalf of O-N Minerals (Chemstone) Company.


Notary Public
1070238
Registration No.

My commission expires: 9/17/2016

Notary seal:

| |
|--|
| COMMONWEALTH OF PENNSYLVANIA Notarial Seal Karen D'Caprio, Notary Public City of Pittsburgh, Allegheny County My Commission Expires Sept. 17, 2016 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES |
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APPENDIX A SCHEDULE OF COMPLIANCE

Agreed Actions

1. O-N Minerals agrees to perform performance testing during each of the four semiannual (six month) periods following the effective date of this Consent Order for particulate matter (PM) on the hydrator (U10) using EPA Method 5 (40 CFR Part 60, Appendix A) or other DEQ approved method. The tests shall demonstrate compliance with the standard contained in Permit Condition V.A.3. The tests shall be conducted and reported and data reduced as set forth in 9 VAC 5-50-30. The permittee shall submit a test protocol at least 30 days prior to testing. Reports shall be submitted to DEQ within 45 days of the completion of each of the four semiannual tests and shall conform to the test report format enclosed with this permit.
2. By June 1, 2015, O-N Minerals agrees to submit to DEQ for review and approval, an operation and maintenance procedure for the Hydrator. This procedure should specify operational changes implemented to comply with emissions limits and include preventive maintenance frequencies to ensure ongoing compliant operations of that unit.

Certification of Documents and Reports

In accordance with 9 VAC 5-20-230(A), in all documents or reports submitted to DEQ pursuant to this Consent Order, O-N Minerals, shall by its officers, sign and certify under penalty of law that the information contained in such document or report is true, accurate, and not misleading by signing the following statement:

“I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering and evaluating the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

DEQ Contact

Unless otherwise specified in this Order, O-N Minerals shall submit all requirements of Appendix A of this Order to:

Karen Hensley, P.E.
Enforcement Specialist Sr.
VA DEQ –Valley Regional Office

4411 Early Road
P.O. Box 3000
Harrisonburg, VA 22801
(540) 574-7821 - phone
(540) 574-7878 - fax
karen.hensley@deq.virginia.gov