

TENNESSEE AIR POLLUTION CONTROL BOARD
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
NASHVILLE, TENNESSEE 37243-1531



OPERATING PERMIT Issued Pursuant to Tennessee Air Quality Act

Date Issued: **JAN 28 2011**

Permit Number:
063418P

Date Expires: November 1, 2020

Issued To:
O-N Minerals (Luttrell) Company

Installation Address:
486 Clinch Valley Road
Luttrell

Installation Description:
Rail Loadout Station

Emission Source Reference No.
87-0023-11

The holder of this permit shall comply with the conditions contained in this permit as well as all applicable provisions of the Tennessee Air Pollution Control Regulations.

CONDITIONS:

1. The application that was utilized in the preparation of this permit is dated February 22, 2010 and signed by Mr. Brian Ball, P.E., Area Operations Manager of the permitted facility. If this person terminates employment or is reassigned different duties and is no longer the responsible person to represent and bind the facility in environmental permitting affairs, the owner or operator of this air contaminant source shall notify the Technical Secretary of the change. Said notification shall be in writing and submitted within thirty (30) days of the change. The notification shall include the name and title of the new person assigned by the source owner or operator to represent and bind the facility in environmental permitting affairs. All representations, agreement to terms and conditions and covenants made by the former responsible person that were used in the establishment of limiting permit conditions on this permit will continue to be binding on the facility until such time that a revision to this permit is obtained that would change said representations, agreements and covenants.

(Conditions continued on the next pages)

TECHNICAL SECRETARY

No Authority is Granted by this Permit to Operate, Construct, or Maintain any Installation in Violation of any Law, Statute, Code, Ordinance, Rule, or Regulation of the State of Tennessee or any of its Political Subdivisions.

NON-TRANSFERABLE

POST AT INSTALLATION ADDRESS

2. The maximum material input rate shall not exceed 4000 tons per hour, on a daily average basis.
3. Design capacity (in tons per hour) of conveyors shall not exceed the limits listed below:

Operation/Equipment	I.D. No.	Status	Capacity (ton/hr)
Conveyor	RCL002	NSPS	4000
Conveyor	RCLV107	NSPS	4000

The I.D. numbers referenced above are from a flow diagram submitted via e-mail dated June 19, 2008.

4. Particulate matter (TSP) emitted from this source shall not exceed 36.0 pounds per hour.

This emission limitation is established pursuant to Rule 1200-03-07-.01(5) of the Tennessee Air Pollution Control Regulations and information contained in the agreement letter dated January 7, 2010, from the permittee.

5. Visible emissions from the NSPS Conveyors (ID# RCL002, RCLV107) shall not exceed ten (10) percent opacity per Rule 1200-03-16-.53. The opacity is to be measured by EPA Method 9, as published in the Federal Register, Volume 39, No. 219 on November 12, 1974.
6. Visible emissions from roads and parking areas shall not exhibit greater than ten percent (10%) opacity as determined by Tennessee Visible Emission Evaluation (TVEE) Method 1, as adopted by the Tennessee Air Pollution Control Board on April 29, 1982, as amended on September 15, 1982 and August 24, 1984.
7. Fugitive emissions from this source shall be controlled as specified in Rule 1200-03-08-.01. Specifically, no person shall cause, suffer, allow, or permit fugitive dust to be emitted in such manner to exceed five (5) minutes per hour or twenty (20) minutes per day as to produce a visible emission beyond the property line of the property on which the emission originates, excluding malfunction of equipment as provided in Chapter 1200-03-20. Fugitive emissions from this source shall be determined by Tennessee Visible Emissions Evaluation Method 4 as adopted by the Tennessee Air Pollution Control Board on April 16, 1986.
8. Visible emissions from this source not covered by **Conditions 5 and 6** shall not exhibit greater than twenty percent (20%) opacity, except for one (1) six-minute period in any one (1) hour period and for no more than four (4) six-minute periods in any twenty-four (24) hour period. Visible emissions from this source shall be determined by EPA Method 9, as published in the current 40 CFR 60, Appendix A (six-minute average). TAPCR 1200-03-05-.03(6) and TAPCR 1200-03-05-.01(1)
9. Operating time for this source shall not exceed 300 hours per year.

This operational limitation is established pursuant to Rule 1200-03-26-.02(6)(b) of the Tennessee Air Pollution Control Regulations and the information contained in the agreement letter dated January 7, 2010 from the permittee.
10. This permit is valid only at this location.

Conditions continued on next page

11. A record of the material input rate and operating hours in a form that readily shows compliance with **Conditions 2 and 9** must be maintained at the source location and kept available for inspection by the Technical Secretary or his representative. All daily data, including all required calculations, must be updated and maintained no later than seven (7) days from the end of the day for which the data is required. All monthly data, including all required calculations, must be entered in the log no later than thirty (30) days from the end of the month for which the data is required. This record must be retained for a period of not less than two (2) years.

Date	Daily Production (tons)	Hours of Operation	Daily Average Production (ton/hr)	Date	Daily Production (tons)	Hours of Operation	Daily Average Production (ton/hr)	Date	Daily Production (tons)	Hours of Operation	Daily Average Production (ton/hr)
1				12				23			
2				13				24			
3				14				25			
4				15				26			
5				16				27			
6				17				28			
7				18				29			
8				19				30			
9				20				31			
10				21							
11				22							

Total Hours of Operation for the month of _____, 20__

Month	Hours of Operation	Month	Hours of Operation	Month	Hours of Operation
January		May		September	
February		June		October	
March		July		November	
April		August		December	
Total Hours of Operation for year 20__					

12. The permittee shall apply for renewal of this permit not less than sixty (60) days prior to the permit expiration date, pursuant to Division Rule 1200-03-09-.02(3).

End of conditions

CURRENT EMISSIONS REQUIREMENTS AND EMISSION SUMMARY COMPANY NAME: O-N Minerals (Luttrell) Company

1. EMISSION SOURCE REFERENCE NUMBER: 87-0023-11 NONATTAINMENT: X 2. LOG #063418P

3A. PERMIT STATUS: NEW RENEWAL RELOCATION 3B. PREVIOUS PERMIT NUMBER: CONSTRUCTION: 963199P OPERATING:

4. IDENTIFY IF ONLY A PART OF THE SOURCE IS SUBJECT TO THIS REQUIREMENT	5. POLLUTANT	6. APPLICABLE REQUIREMENT(S): TN AIR POLLUTION CONTROL REGULATIONS, 40 CFR, PERMIT RESTRICTIONS, AIR QUALITY BASED STANDARDS	7. LIMITATION	8. MAX. ACTUAL EMISSIONS			9. MAX. ALLOW. EMISSIONS	
				IN UNITS OF ITEM 7	POUNDS / HOUR	TONS / YEAR	POUNDS / HOUR	TONS / YEAR
	Fugitive TSP	1200-03-07-01(5)	36.0 lb/hr	36.0	36.0	4.50	36.0	5.40
Visible Emissions	Opacity	1200-03-05-01(1) & 1200-03-05-03(6)	20, Method 9					
				SOURCE OF DATA FOR EMISSIONS IN ITEM 8: Application dated 2/22/10 & 963199P.				

IF THIS IS NOT A TITLE V SOURCE, IS THIS A DEFERRED SOURCE (SUBJECT TO NSPS OR NESHAPS) OR A SYNTHETIC MINOR SOURCE?
IF THE ANSWER IS YES, EXPLAIN:

Engineering Protection Specialist: HLC Date: 1/7/11 Reviewed by: HAA Date: 1/27/2011