

State Pollutant Discharge Elimination System (SPDES)
INDUSTRIAL APPLICATION FORM NY-2C
 For New Permits and Permit Modifications to Discharge Industrial Wastewater and Storm Water
Section I - Permittee and Facility Information

Please type or print the requested information.

1. Current Permit Information (leave blank if for new discharge)

SPDES Number: NY0004880	DEC Number: 4-0103-00016/00020
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2. Permit Action Requested: (Check applicable box)

<input type="checkbox"/> A NEW proposed discharge	<input type="checkbox"/> An EBPS INFORMATION REQUEST response	<input type="checkbox"/> A RENEWAL of an existing SPDES permit
<input checked="" type="checkbox"/> A MODIFICATION of the existing permit	<input type="checkbox"/> An EXISTING discharge currently without permit	

Does this request include an increase in the quantity of water discharged from your facility to the waters of the State?

<input type="checkbox"/> YES - Describe the increase:	
<input checked="" type="checkbox"/> NO - Go to Item 3. below.	

3. Permittee Name and Address

Name Norlite, LLC	Attention Darrell Monk	
Street Address 628 South Saratoga Street		
City or Village Cohoes	State NY	ZIP Code 12047

4. Facility Name, Address and Location

Name SAME			
Street Address		P.O. Box	
City or Village	State	ZIP Code	
Town	County Albany		
Telephone 518-235-0401	FAX 518-235-0233	NYTM - E	NYTM - N
Tax Map Info (New York City, Nassau County and Suffolk County only)			
Section	Block	Subblock	Lot

5. Facility Contact Person

Name Prince Knight	Title Environmental & Regulatory Compliance Manager		
Street Address 628 South Saratoga Street		P.O. Box	
City or Village Cohoes	State NY	ZIP Code 12047	
Telephone 518-235-0401	FAX 518-235-0233	E-Mail or Internet Prince.Knight@Tradebe.com	

6. Discharge Monitoring Report (DMR) Mailing Address

Mailing Name SAME			
Street Address		P.O. Box	
City or Village	State	ZIP Code	
Telephone	FAX	E-Mail or Internet	
Name and Title of person responsible for signing DMRs		Signature	

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7. Summarize the outfalls present at the facility:

Outfall Number	Receiving Water	Type of discharge
003	Salt Kill Creek (H-239)/Class D	Quarry Water
004	Salt Kill Creek (H-239)/Class D	Shale Fines Leachate and Storm Runoff from Landfill Area
006	To Be Removed	Treated Scrubber Blowdown, Boiler Blowdown, 006 Trunnion Non-Contact Cooling Water, Treated Quarry water
06A	To Be Removed	Treated Scrubber Blowdown, Boiler Blowdown
06C	To Be Removed	Treated Outfall 006 Effluent at Manhole by Railroad Tracks

8. Map of Facility and Discharge Locations:

Provide a detailed map showing the location of the facility, all buildings or structures present, wastewater discharge systems, outfall locations into receiving waters, nearby surface water bodies, water supply wells, and groundwater monitoring wells, and attach it to this application. Also submit proof, either by indication on the map or other documentation, that a right of way for the discharges exists from the facility property to a public right of way.

9. Water Flow Diagram:

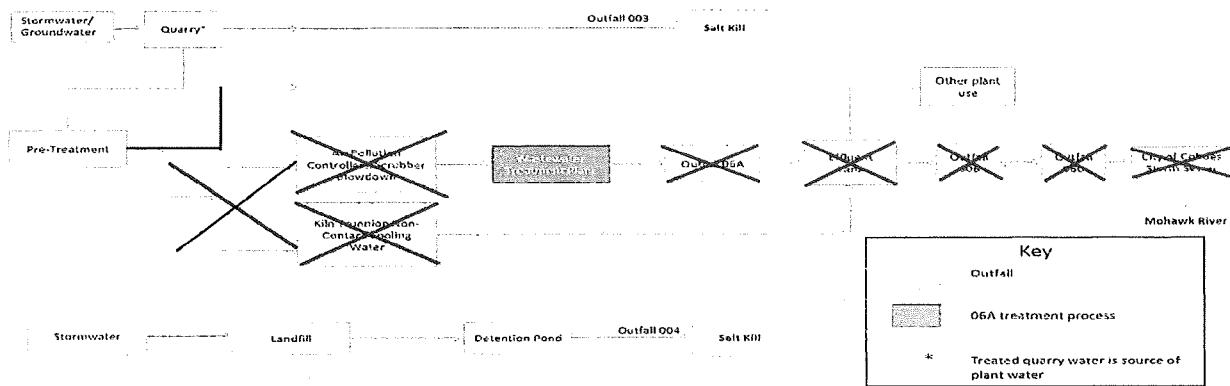
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MONITORING LOCATIONS

The permittee shall take samples and measurements, to comply with the monitoring requirements specified in this permit, at the location(s) specified below:

- Outfall 003: Sampling point shall be at valve above discharge point.
- Outfall 004: Sampling point shall be at manhole located at approximately 42°45'15.48"N, 73°42'8.24"W.
- Internal Outfall 06A: Samples shall be taken post carbon filters, prior to Tanks A or B.
- Outfall 006: Samples shall be taken from sampling valves for either Tank A or Tank B, depending on treatment plant operations.
- Outfall 06C: Sampling point shall be at manhole located at approximately 42°45'33.25"N, 73°42'2.02"W.

Water Flow Diagram



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10. Nature of business: (Describe the activities at the facility and the date(s) that operation(s) at the facility commenced)

Norlite Corporation produces an expanded shale aggregate in two dry process rotary kilns. Each kiln is fired with natural gas, oil, or low grade fuel. Both kilns are 180 feet long with an outside diameter of 11 feet. Flame temperature typically ranges from 2000F to 2500F while material temperatures are typically in the range of 2000 F to 2200 F

Heat is supplied by firing either specification used oil, natural gas, waste oil or low grade waste fuels (LGF). Typically, 2.2 - 2.5 MMBtu are required to produce one ton of clinker. Since the maximum permitted LGF feed rate is 10.5 gallons/minute per kiln, Norlite blends waste fuels to achieve the desired fuel energy content characteristic

11. List the 4-digit SIC codes which describe your facility in order of priority:

Priority 1 3 2 9 9	Description: Nonmetallic Mineral Products	Priority 3 	Description:
Priority 2 	Description:	Priority 4 	Description:

12. Is your facility a primary industry as listed in Table 1 of the instructions?

- YES - Complete the following table.
- NO - Go to Item 13. below.

Industrial Category	40 CFR		Industrial Category	40 CFR	
	Part	Subpart		Part	Subpart

13. Does this facility manufacture, handle, or discharge recombinant-DNA, pathogens, or other potentially infectious or dangerous organisms?

- YES - Attach a detailed explanation to this application.
- NO - Go to Item 14 below.

14. Is storm runoff or leachate from a material storage area discharged by your facility?

- YES - Complete the following table, and show the location of the stockpile(s) and discharge point(s) on the diagram in Item 9.
- NO - Go to Item 15 on the following page.

Size of area	Type(s) of material stored	Quantity of material stored	Runoff control devices
~3.5 Acres	Non-Haz Shale Fines	Unknown	Settling Pond

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15. Facility Ownership: (Place an "X" in the appropriate box)

Corporate Sole Proprietorship Partnership Municipal State Federal Other

Are any of the discharges applied for in this application on Indian lands? Yes No

16. List information on any other environmental permits for this facility:

Issuing Agency	Permit Type	Permit Number	Permit Status		
			Active	Applied for	Inactive
NYS DEC	RCRA 373	04-0103-00016/00016	X		
NYS DEC	Mining	4-0103-00016/00019	X		
NYS DEC	Non-Public Water Withdrawal	4-0103-00016/00051	X		
NYS DEC	Title V	4-0103-00016/00048	X		

17. Laboratory Certification:

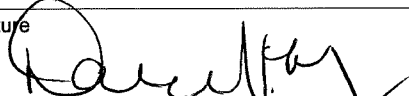
Were any of the analyses reported in Section III of this application performed by a contract laboratory or a consulting firm?

YES - Complete the following table.
 NO - Go to Item 18 below.

Name of laboratory or consulting firm	Address	Telephone (area code and number)	Pollutants analyzed

18. Certification

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 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.

Name and official title (type or print) Darrell Monk	Date signed 12/18/2018
Signature 	Telephone number 518-235-0401
	FAX number 518-235-0233