



Norlite, LLC – Project DELTA
Public Participation Plan
2018

*Pursuant to the New York State Department of Environmental Conservation's
Commissioner Policy CP-29, Environmental Justice and Permitting*

628 South Saratoga Street
Cohoes, New York 12047
518-235-0401



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1.0 INTRODUCTION

Norlite, LLC (Norlite) has been part of the Cohoes community since 1956. We employ 70 employees and have partnerships with local vendors throughout Albany county. Norlite's corporate social responsibility supports several of the community activities, including Rock the Block, local little league support, co-sponsorship of Cohoes Household Hazardous Waste collection events and other community beneficial projects and events.

Norlite, a wholly owned subsidiary of Tradebe, LLC. (Tradebe), is proposing to modernize its facility that will eliminate a waste water discharge outfall to the Mohawk River, which is regulated through Norlite's State Pollutant Discharge Elimination System (SPDES) Permit. This elimination of the outfall will have a positive environmental impact.

Our high-quality shale and green production, using an alternative fuel instead of fossil fuels, provides opportunity to continue manufacturing in the state of NY to service the NE and Mid-Atlantic markets. Our product serves structural, geotechnical fill and horticultural (green roof) applications. Most importantly, Norlite's expanded shale product is part of the Leadership in Energy and Environmental Design (LEED) program, which is a green building rating system. Norlite's product is available for virtually all building project types, including new construction, reconstruction to garden maintenance.

In the spirit of innovation and positive environmental impact, the proposed project, referred to as Project Delta, will reduce facility start-up and shut-down events. The project will adopt the latest gas treatment technology for the air pollution control system. This new pollution control system will eliminate the need to discharge effluent offsite.



2.0 OBJECTIVES OF THE PUBLIC PARTICIPATION PLAN

The Public Participation Plan's (PPP) main objective is to communicate Project Delta's information to the public and surrounding communities. The plan will also identify avenues for the exchange of information should members of the public have questions regarding the environmental permitting process, projected schedules or related topics.

This Public Participation Plan was prepared pursuant to the New York State Department of Environmental Conservation's (DEC) Commissioner Policy-29, Environmental Justice and Permitting (CP-29). The policy was adopted to address environmental justice concerns and ensure community participation in the DEC environmental permit review process. Among other things, CP-29 identifies Potential Environmental Justice Areas and establishes requirements for proposed projects affecting those communities. CP-29 requires applicants for certain permits to actively seek public participation throughout the environmental permit review process. Public participation, including open and effective dialogue with stakeholders, can build relationships, provide a forum to address concerns, and help develop and promote actions that minimize impacts on the surrounding community and the environment.

Key target objectives of the PPP:

- Inform our community, neighbors and public officials about Norlite, Project Delta and related topics
- Provide an opportunity for open communication with the community and surrounding stakeholders
- Share information on the New York State Department of Environmental Conservation (NYS DEC) permit process.
- Ensure the public is aware of the mechanisms available to provide comments to NYS DEC



- Outline future reporting timeframes for Project Delta and public outreach.

3.0 PROJECT BACKGROUND

Since the acquisition of Norlite in 2011, Tradebe has invested over \$12 million in equipment upgrades and replacements of major components that affects all Norlite’s environmental permits. The overall goal continues to be to modernize a previously underinvested Facility.

On January 1, 2016, Norlite received a new Title V permit issued by NYS DEC. The permit detailed the operating requirements for Norlite and the related Air Pollution Control (APC) System. In late 2016, Tradebe management identified the APC system as a next logical improvement to the facility. The properly designed project will help Norlite make a positive environmental impact and assure production is met for the increasing demand for lightweight aggregate.

During 2017 and 2018, modelling, in depth process and technology evaluation and testing has allowed Norlite to recommend adoption of a Semi-Dry Air Pollution Control technology process. This would result in the following:

- A fully integrated new gas treatment system with the latest technology
- The full elimination of waste water discharge to the Mohawk River
- No increase in the permitted processing capacity
- A unique control system for both kilns with the latest instrumentation, control and automation
- Expected reduction of operational cutoffs, start-ups and shutdown
- New silo and conveyors to enhance current procedures of reducing fugitive emissions of dust particulate matter



In January 2018 the Norlite and Tradebe team met with NYSDEC Region 4 Office to present Project Delta and the proposed approach. The overall goal is to keep the Region 4 officials that have regulatory oversight informed so that we work collaboratively in the development of Project Delta while ensuring all permits and applicable regulatory requirements are met. This includes the current SPDES project schedule referred to as the Schedule of Compliance as well as Norlite’s timeline to apply for a Title V permit modification by July 2018.

As of July 2018, the Title V permit modification application, including Project Delta, has been submitted and construction plans are in the final stages of development.

4.0 COMMUNITY OUTREACH & PARTICIPATION ACTIVITIES

Norlite is committed to reaching out to our neighbors and the surrounding community regarding Project Delta. For the various parties, announcements will consist of a public meeting, US mail, email, public flyers, Norlite’s website and newspaper public notice.

A. Specific Contact Information

Darrell Monk
Norlite
Plant Manager
518-235-0401 x 4044

Darrell.Monk@Tradebe.com

Prince Knight
Norlite
Environmental & Regulatory Compliance
518-235-0401 x 4049

Prince.Knight@Tradebe.com



B. Stakeholders

A list of stakeholders is attached as Appendix B. It includes local officials, local institutions and other organizations and is intended to provide wide coverage. The list will be reviewed by DEC and supplemented as the project proceeds.

C. Meetings

- Will be announced in the local newspaper a minimum of two weeks in advance
- Will be held during reasonable hours between 6pm and 9pm on business days
- Norlite will provide summaries of the meeting(s) and make them available to the public via one of the communication methods listed in item D below
- All meeting details, sign-in sheets, and summaries will be provided to NYS DEC for consideration
- The first introductory public meeting will be scheduled for November or December 2018.

* Note: A meeting was held on August 22, 2018 with the City of Cohoes Zoning Board. Although the public was invited, and the meeting was posted, it is not a specific component of this PPP as it only was required for a variance. However, Norlite will reference this meeting as an example of our cooperation with stakeholders and the public regarding all aspects of Project Delta.

D. Document Repositories

All project related information will be available at the following locations:

- The Norlite web site: Norliteagg.com
- The City of Cohoes Public Library – Norlite Repository, 169 Mohawk St # 2, Cohoes, NY 12047
- NYS DEC Region 4 Offices, 1130 North Wescott Rd. Schenectady, New York 12306



- NYS DEC Central Office, 625 Broadway, Albany, NY 12207

Other areas may be added as determined and as agreed upon by Norlite and stakeholders.

5.0 PROGRESS REPORT SUBMITTALS

Norlite will provide quarterly updates to stakeholders and progress reports to NYSDEC as deemed necessary. The public quarterly updates will be published on Norlite's website as indicated below:

- January 2019 – Regulatory Requirements
- April 2019 – Construction Timelines
- August 2019 – Construction Update
- January 2020 – Commissioning Update

** All update timeframes are estimated. Deviations will be communicated to NYS DEC.*



Appendix A

Maps and Figures



Norlite and Project Location



○ Norlite Boundary (Approximate)

○ Project Delta Location



Appendix B

Contact List of Stakeholders



Name and Title	Address, Phone, email
<p>Kate Kornak Regional Deputy Permit Administrator New York State DEC</p>	<p>NYSDEC Environmental Permits 1130 North Westcott Road, Schenectady, NY 12306 Kate.Kornak@dec.ny.gov</p>
<p>DEC Office of Environmental Justice Attn: Alanah Keddell-Tuckey</p>	<p>625 Broadway, 14th Floor Albany, NY 12233 518-402-8107 Alanah.keddell-tuckey@dec.ny.gov</p>
<p>Neil D. Breslin NYS Senate District 44</p>	<p>172 State Street, Room 414 Albany, NY 12247 518 - 455-2225 breslin@nysenate.gov</p>
<p>John McDonald III NYS Assembly District 108</p>	<p>LOB 417 Albany, NY 12248 518-455-4474 McDonaldJ@nyassembly.</p>
<p>Daniel P. McCoy Albany County Executive</p>	<p>112 State Street, Room 1200 Albany, NY 12207 518-447-7000 County_Executive@Albanycountyny.gov</p>
<p>Sean E. Ward Albany County Legislative District 16</p>	<p>31 High Street Green Island, NY 12183 518-447-7117 sean.ward@albanycounty.com</p>
<p>Ralph V. Signoracci Albany County Legislative District 17</p>	<p>34 Kosciusko Avenue Cohoes, NY 12047 518-470-2905 Ralph.signoracci@albanycounty.com</p>
<p>Shawn M. Morse Mayor, City of Cohoes</p>	<p>97 Mohawk Street Cohoes, NY 12047 518-233-2119 mayor@ci.cohoes.ny.us</p>



Paula Mahan Town of Colonie Supervisor	Memorial Town Hall P.O. Box 508 Newtonville, NY 12128-0508 518 -783-2728
Elizabeth F. Whalen, MD, MPH DOH, Albany County Commissioner	175 Green Street Albany, NY 12202 518 - 447-4580
Jennifer Spring, Ed.D Cohoes City Schools Superintendent	21 Page Avenue Cohoes, NY 12047 518 - 237-0100 jspring@cohoes.org
Achievements Maple Wood School	623 New Loudon Road Latham, NY 12110 518-782-1178 stephanie@achievements.org
Joseph Fahd Fire Chief-Emergency Manager	172 Ontario Street Cohoes, NY 12047 518-687-0694 jfahd@ci.cohoes.ny.us
William Heslin, Sr. Police Chief	97 Mohawk Street Cohoes, NY 12047 518-233-2121
Jonathan M. Teale Colonie Police Chief	312 Wolf Road Latham, NY 12110-4814 518- 783-2744
Christopher Nolin Economic Development Civil Service President	97 Mohawk Street City Hall - Room 19 Cohoes, NY 12047 518-233-2132
Katherine Oliver Executive Director Cohoes Housing Authority	Cohoes Housing Authority 100 Manor Ave Cohoes, NY 12047 518-235-4500 Ext 117



Sandra Obiedo Cohoes Housing Authority Tenant Relations	Cohoes Housing Authority 100 Manor Ave Cohoes, NY 12047 518-235-4500 Ext 113
William Smith City of Cohoes 1 st Ward	3A Jay Street Cohoes, NY 12047 518-312-0091 wsmith@ci.cohoes.ny.us
Donald Russell City of Cohoes 2 nd Ward	241 Remsen Street Cohoes NY 12047 518-788-8613 drussell@ci.cohoes.ny.us
Christopher Briggs City of Cohoes 3 rd Ward	24 Western Avenue Cohoes NY 12047 518-237-0036 cbriggs@ci.cohoes.ny.us
William McCarthy City of Cohoes 4 th Ward	116 Simmons Avenue Cohoes, NY 12047 518-894-3927 bmccarthy@ci.cohoes.ny.us
Stephen Napier, Jr City of Cohoes 5 th Ward	106 Harvard Street Cohoes, NY 12047 518-892-3854 snapier@ci.cohoes.ny.us
Randy Koniowka City of Cohoes 6 th Ward	142 2nd Street Cohoes, NY 12047 518-925-9188 rkoniowka@ci.cohoes.ny.us
United Church of Cohoes Rev. Nicholas E. TeBordo	123 Mohawk Street. Cohoes NY 518-237-0278 http://cohoesecopc.org/



Holy Trinity Church Patricia Wilcox	122 Vliet Blvd, Cohoes, NY 12047 518-237-2373 http://www.holytrinitycohoes.org/
Good Ground Family Church Pastor Dona Williams	49 Johnston Ave Cohoes, NY 12047 518-233-0398 http://goodgroundfamilychurch.org/
St. Michael's Church Danuta Alabaki	36 Page Avenue Cohoes, NY 12047 518-237-5151 http://www.stmichaelscohoes.org/
Vineyard Community Church Pastor Brittany	121 Remsen St Cohoes, NY 12047 518-237-8381 https://www.spindlecitivyineyard.com/
St. Nicholas Orthodox Dr. Judith Fushino	67 Saratoga St Cohoes, NY 12047 518-235-7355 https://saintnicholascohoes.org/
St John's Episcopal Church of Cohoes Father William Hinrichs	405 Vliet Blvd Cohoes, NY 12047 518-237-6013 http://stjohnscohoes.org/
Heritage Baptist Church Pastor Blaine Warner	50 Lansing St Cohoes, NY 12047 50 St. Rita Lane Cohoes, NY 12047 518-506-2991 http://www.heritageny.com/
Greater Albany Seventh-day Adventist Church Pastor Roy Weeden	298 St Agnes Hwy Cohoes, NY 12047 518-785-4445 https://greateralbany.adventistchurch.org/



St. Peter and Paul Ukrainian Catholic Church	198 Ontario St Cohoes, NY 12047 518-237-0535
Slavic Pentecostal Church of the Evangelical Faith	8 Simmons Ave Cohoes, NY 12047 518-233-1056
Cohoes Community Center Chris Hovey, Executive Director	22-40 Remsen St #40 Cohoes, NY 12047 518-237-7523 chovey@cohoescommunitycenter.org http://www.cohoescommunitycenter.org/
Cohoes Public Library	169 Mohawk St #2 Cohoes, NY 12047 518-235-2570 info@cohoespubliclibrary.org http://www.cohoespubliclibrary.org/
Marjorie Doyle Rockwell Center	421 Columbia St Cohoes, NY 12047 518-280-8385 https://www.eddyseniorliving.com/our-communities/memory-care-assisted-living/eddy-memory-care-at-marjorie-doyle-rockwell-center/
Eddy Village Green at Cohoes	421 W. Columbia Street Cohoes, NY 12047 518-237-5630 http://www.sphp.com/eddy-village-green-at-cohoes-cc

Media

The Times Union	News Plaza, Box 15000, Albany, NY 12212 tucitydesk@timesunion.com
The Spotlight Newspapers	125 Adams Street, Delmar, NY 12054 news@spotlightnews.com
The Record	270 River St., Troy, NY 12181 newsroom@troyrecord.com



Appendix C

EXAMPLE PUBLIC FLYER



Community Meeting Norlite Facility Improvement

Hosted by Norlite, LLC
628 South Saratoga Street
Cohoes, New York 12047
Title V Air Permit: 4-0103-00016/00048

October XX, 2018 @ TBD Location TBD

The Meeting will:

- To inform the community on project details and environmental benefits
- Describe Project timelines and important milestones
- Provide opportunity for community members to ask questions and provide input
- Allow for informal discussion on project related items with project leaders

Project Delta

- Upgrade Norlite’s Air Pollution Control System
- Eliminate the Regulated Discharge to the Mohawk River
- Improve system operations through equipment upgrades
- Will **not** increase Norlite’s permitted emission or production rates

Contacts & Additional Information

NYS DEC Contact: Kate Kornak- Deputy Regional Permit Administrator
NYSDEC Environmental Permits
1130 North Westcott Road
Schenectady, NY 12306
Kate.Kornak@dec.ny.gov
(518) 357-2459

Norlite Contact: Darrel Monk Plant Manager
628 South Saratoga Street
Cohoes, NY 12047
Darrell.Monk@Tradebe.com
(518)-235-0401

Additional Project Information may be found on Norlite’s web site: www.Norliteagg.com
-and- the Cohoes Public Library – Norlite Repository
169 Mohawk St # 2, Cohoes, NY 12047