

Michael W. Klemens, LLC  
POB 432  
Falls Village, CT 06031  
October 3, 2015

Melanie Bachman  
Acting Executive Director  
CT Siting Council  
[Via Email to Siting.Council@CT.gov](mailto:Siting.Council@CT.gov)

Dear Ms. Bachman:

Please find enclosed the one hundredth bi weekly third party environmental monitoring reports prepared by Lenard Engineering for the Colebrook South Site Wind Turbine Site (Petition 983) as well as the September DEEP stormwater reports. The areas that have been cleared have been done in accordance with the plans and conform to the conservation plan for the protection of the cryptic vernal pools documented within Wetland One. We are continuing our bi-weekly monitoring of site conditions. If you require additional information, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael W. Klemens". The signature is written in a cursive style with a large initial "M".

Michael W. Klemens, PhD  
860-824-8185 (land)  
203-448-8068 (mobile)



## Memorandum

**To:** Dr. Michael Klemens  
**From:** Roger Hurlbut *Roger Hurlbut*  
**Date:** October 2, 2015  
**Re:** BNE Wind Colebrook South

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Attached are CT Siting Council environmental erosion and sediment control monitoring reports numbers 229 and 230 for the period Sept 19, 2015 thru October 2, 2015.

2+ inches of rain occurred on 9-30-2015. Erosion occurred around the active work area, but there was no discharge to offsite or non-active work areas.

No problems observed.

CC Greg Zupkus, BNE Energy  
Sam McGriff, Ryan Company

General Information			
Project Name:	Wind Colebrook South		
Location:	Winsted- Norfolk Road Colebrook, Connecticut		
CT DEP Tracking No.	CSC Petition 983 CT GSN 002270	Report No.	<b>229</b>
Date of Inspection:	September 24, 2015	Start / End Time:	5:00PM to 5:30 PM
Inspector's Name(s):	Roger Hurlbut		
Inspector's Title(s):	Project Engineer		
Inspector's Contact Information:	LENARD ENGINEERING INC 860 379-6669 office		
Describe present phase of construction:	Sediment and Erosion controls in place.  Towers 1 & 2 have been erected Access road drainage is being installed No rain dusty dry conditions		
Type of Inspection: <input checked="" type="checkbox"/> Regular <input type="checkbox"/> Pre-storm event <input type="checkbox"/> During storm event <input checked="" type="checkbox"/> Post-storm event			
Weather Information			
Has it rained since the last inspection? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, provide: Storm Start Date & Time ..... Storm Duration ..... Approximate Rainfall .....			
Weather at time of this inspection? 70°F    sunny    light breeze			
Discharge Information			
Do you suspect that discharges may have occurred since the last inspection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Are there any discharges at the time of inspection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Describe location of any discharges from the site: -.			

General Information			
Project Name:	Wind Colebrook South		
Location:	Winsted- Norfolk Road Colebrook, Connecticut		
CT DEP Tracking No.	CSC Petition 983 CT GSN 002270	Report No.	<b>230</b>
Date of Inspection:	September 30, 2015	Start / End Time:	8:30AM to 11:30AM
Inspector's Name(s):	Roger Hurlbut		
Inspector's Title(s):	Project Engineer		
Inspector's Contact Information:	LENARD ENGINEERING INC 860 379-6669 office		
Describe present phase of construction:	<p>Sediment and Erosion controls in place and functioning properly. Siltation on site but none off site Minor amount of siltation at base of driveway to BNE house on Flagg Hill Rd.</p> <p>Towers 1 &amp; 2 have been completed but are not on line yet Access road &amp; site grading &amp; top soiling are being undertaken</p>		
Type of Inspection:	<input type="checkbox"/> Regular <input type="checkbox"/> Pre-storm event <input type="checkbox"/> During storm event <input checked="" type="checkbox"/> Post-storm event		
Weather Information			
Has it rained since the last inspection? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
If yes, provide: Storm Start Date & Time 9/29-2:30PM Inter showers    Storm Duration 10HR    Approximate Rainfall 2+/- in			
Weather at time of this inspection? 70°F    Overcast			
Discharge Information			
Do you suspect that discharges may have occurred since the last inspection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Are there any discharges at the time of inspection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Describe location of any discharges from the site: -.			



**Connecticut Department of  
Energy & Environmental Protection**  
Bureau of Materials Management & Compliance Assurance  
Water Permitting & Enforcement Division

**General Permit for the Discharge of Stormwater and Dewatering Wastewaters from  
Construction Activities, issued 8/21/13, effective 10/1/13**  
**Stormwater Monitoring Report**

**SITE INFORMATION**

Permittee: BNE Energy

Mailing Address: 29 South Main Street, Town Center, Suite 200, West Hartford, CT 06107

Business Phone: (800) 450-0503 ext.: \_\_\_\_\_ Fax: \_\_\_\_\_

Contact Person: \_\_\_\_\_ Title: \_\_\_\_\_

Site Name: Wind Colebrook South

Site Address: 17 & 29 Flagg Hill Rd, Colebrook, CT

Receiving Water (name, basin): Farmington 4302

Stormwater Permit No. GSN 002270

**SAMPLING INFORMATION (Submit a separate form for each outfall)**

Outfall Designation: C-201A Date/Time Collected: Sept 30, 2015 9:AM

Outfall Location(s) (lat/lon or map link): 41.9648 -73.1410

Person Collecting Sample: Roger hurlbut, PE, Lenard Engineering, Inc.

Storm Magnitude (inches): 2- inches Storm Duration (hours): 10 hours

Size of Disturbed Area at any time: 12 Acres

**MONITORING RESULTS**

Sample #	Parameter	Method	Results (units)	Laboratory (if applicable)
1	Turbidity	Hach DR 900 meter	189	
2	Turbidity	Hach DR 900 meter	164	
3	Turbidity	Hach DR 900 meter	207	
4	Turbidity	Hach DR 900 meter	197	

(provide an attachment if more than 4 samples were taken for this outfall)

Avg = 189

**STATEMENT OF ACKNOWLEDGMENT**

I certify that the data reported on this document were prepared under my direction or supervision in accordance with the General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities. The information submitted is, to the best of my knowledge and belief, true, accurate and complete.

Authorized Official: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Please send completed form to:

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION  
BUREAU OF MATERIALS MANAGEMENT AND COMPLIANCE ASSURANCE  
79 ELM STREET  
HARTFORD, CT 06106-5127  
ATTN: NEAL WILLIAMS



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Contact Person: Greg Zupkus Title: \_\_\_\_\_

Site Name: Wind Colebrook South

Site Address: 17 & 29 Flagg Hill Rd, Colebrook, CT

Receiving Water (name, basin): Farmington 4302

Stormwater Permit No. GSN 002270

**SAMPLING INFORMATION (Submit a separate form for each outfall)**

Outfall Designation: C-206A Does not discharge offsite Date/Time Collected: Sept 30, 2015 9:AM

Outfall Location(s) (lat/lon or map link): 41.965 -73.1452

Person Collecting Sample: Roger hurlbut, PE, Lenard Engineering, Inc.

Storm Magnitude (inches): 2- inches Storm Duration (hours): 10 hours

Size of Disturbed Area at any time: 12 Acres

**MONITORING RESULTS**

Sample #	Parameter	Method	Results (units)	Laboratory (if applicable)
1	Turbidity	Hach DR 900 meter	986	
2	Turbidity	Hach DR 900 meter	980	
3	Turbidity	Hach DR 900 meter	1064	
4	Turbidity	Hach DR 900 meter	1021	

(provide an attachment if more than 4 samples were taken for this outfall)

Avg = **1012**

**STATEMENT OF ACKNOWLEDGMENT**

I certify that the data reported on this document were prepared under my direction or supervision in accordance with the General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities. The information submitted is, to the best of my knowledge and belief, true, accurate and complete.

Authorized Official: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Please send completed form to:

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION  
BUREAU OF MATERIALS MANAGEMENT AND COMPLIANCE ASSURANCE  
79 ELM STREET  
HARTFORD, CT 06106-5127  
ATTN: NEAL WILLIAMS

General Information			
Project Name:	Wind Colebrook South		
Location:	Winsted- Norfolk Road Colebrook, Connecticut		
CT DEP Tracking No.	CSC Petition 983 CT GSN 002270	Report No.	<b>230</b>
Date of Inspection:	September 30, 2015	Start / End Time:	8:30AM to 11:30AM
Inspector's Name(s):	Roger Hurlbut		
Inspector's Title(s):	Project Engineer		
Inspector's Contact Information:	LENARD ENGINEERING INC 860 379-6669 office		
Describe present phase of construction:	<p>Sediment and Erosion controls in place and functioning properly. Siltation on site but none off site Minor amount of siltation at base of driveway to BNE house on Flagg Hill Rd.</p> <p>Towers 1 &amp; 2 have been completed but are not on line yet Access road &amp; site grading &amp; top soiling are being undertaken</p>		
Type of Inspection:	<input type="checkbox"/> Regular <input type="checkbox"/> Pre-storm event <input type="checkbox"/> During storm event <input checked="" type="checkbox"/> Post-storm event		
Weather Information			
Has it rained since the last inspection?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, provide: Storm Start Date & Time 9/29-2:30PM Inter showers    Storm Duration 10HR    Approximate Rainfall 2+/- in		
Weather at time of this inspection?	70°F    Overcast		
Discharge Information			
Do you suspect that discharges may have occurred since the last inspection?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Are there any discharges at the time of inspection?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Describe location of any discharges from the site:	-		

**INSPECTOR CERTIFICATION**

Project:	Wind Colebrook South
Project Location:	Winsted- Norfolk Road Colebrook CT
Contractor:	Denovo Construction
Address:	100 S Wacker Drive, STE LL1-50 Chicago, Il. 60606 <i>Michael Vails, Site Manager</i>
Phone:	Cell at site 312-806-2433
Fax:	312-733-9566

**CONSTRUCTION INSPECTION & MAINTENANCE LOG**

Date	Activity	Description	(1) Report No.
9-4-2015	<input checked="" type="checkbox"/> Inspection <input type="checkbox"/> Maintenance	By R Hurlbut LEI	Siting Council #226
9-11-2015	<input checked="" type="checkbox"/> Inspection <input type="checkbox"/> Maintenance	By: R Hurlbut LEI	Siting Council #227
9-14-2015	<input checked="" type="checkbox"/> Inspection <input type="checkbox"/> Maintenance	By: R Hurlbut LEI	Siting Council #228
9-24-2015	<input checked="" type="checkbox"/> Inspection <input type="checkbox"/> Maintenance	By: R Hurlbut LEI	Siting Council #229
9-30-2015	<input checked="" type="checkbox"/> Inspection <input type="checkbox"/> Maintenance	By: R Hurlbut LEI	Siting Council #230
	<input type="checkbox"/> Inspection <input type="checkbox"/> Maintenance		
	<input type="checkbox"/> Inspection <input type="checkbox"/> Maintenance		
	<input type="checkbox"/> Inspection <input type="checkbox"/> Maintenance		
	<input type="checkbox"/> Inspection <input type="checkbox"/> Maintenance		
	<input type="checkbox"/> Inspection <input type="checkbox"/> Maintenance		
	<input type="checkbox"/> Inspection <input type="checkbox"/> Maintenance		
	<input type="checkbox"/> Inspection <input type="checkbox"/> Maintenance		
	<input type="checkbox"/> Inspection <input type="checkbox"/> Maintenance		
	<input type="checkbox"/> Inspection <input type="checkbox"/> Maintenance		
	<input type="checkbox"/> Inspection <input type="checkbox"/> Maintenance		

SITE-SPECIFIC BMPs

(B)	BMP Description	BMP Installed and Operating Properly?	Corrective Action Needed	Date for corrective action / responsible party
1	Anti Tracking Pad	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	None - new tracking pad installed at entrance off Flag Hill Rd	None necessary
2	Sediment & Erosion Control Barriers around perimeter of site	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Fence has been cut or lowered in stabilized areas to allow movement of animals	None necessary
3	Temp Sediment Basins	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Stable and functioning	None necessary
4	Sediment & Erosion Control Barriers	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	New Fencing has been installed around active areas	
5	Temp ground cover	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Non active surfaces are stable	
6		<input type="checkbox"/> Yes <input type="checkbox"/> No		
7		<input type="checkbox"/> Yes <input type="checkbox"/> No		
8		<input type="checkbox"/> Yes <input type="checkbox"/> No		
9		<input type="checkbox"/> Yes <input type="checkbox"/> No		
10		<input type="checkbox"/> Yes <input type="checkbox"/> No		
11		<input type="checkbox"/> Yes <input type="checkbox"/> No		
12		<input type="checkbox"/> Yes <input type="checkbox"/> No		
13		<input type="checkbox"/> Yes <input type="checkbox"/> No		
14		<input type="checkbox"/> Yes <input type="checkbox"/> No		
15		<input type="checkbox"/> Yes <input type="checkbox"/> No		
17		<input type="checkbox"/> Yes <input type="checkbox"/> No		
18		<input type="checkbox"/> Yes <input type="checkbox"/> No		

OVERALL SITE ISSUES

(C)	BMP/activity	Implemented?	Maintained?	Corrective Action	Date for corrective action/responsible person
1	Are all slopes and disturbed areas not actively being worked properly stabilized?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
2	Are natural resource areas (e.g., streams, wetlands, mature trees, etc.) protected with barriers or similar BMPs?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
3	Are perimeter controls and sediment barriers adequately installed (keyed into substrate) and maintained?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
4	Are discharge points and receiving waters free of sediment deposits?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
5	Are storm drain inlets properly protected?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	Installed drains are elevated and do not require protection at this time	N/A
7	Is trash/litter from work areas collected and placed in covered dumpsters?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

(C)	BMP/activity	Implemented?	Maintained?	Corrective Action	Date for corrective action/responsible person
8	Are washout facilities (e.g., paint, stucco, concrete) available, clearly marked, and maintained?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
9	Are vehicle and equipment fueling, cleaning, and maintenance areas free of spills, leaks, or any other deleterious material?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
10	Are materials that are potential stormwater contaminants stored inside or under cover?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
11	Are non-stormwater discharges (e.g., wash water, dewatering) properly controlled?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
12	(Other)	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
13	(Other)	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		

GENERAL INSPECTION COMMENTS AND EXPLANATION

General Inspection Comments (D)
Towers 1 & 2 have been erected, Site stabilization work is being undertaken Planting/hydroseeding of exposed areas is supposed to start October 1, 2015
Is other descriptive information attached to this inspection report? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Plan Information (E)
Were all current plan BMP's in place at the time of inspection? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Are additional BMP's required? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Does the plan need to be updated? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Plans for as constructed site will be necessary
Explanation of additional BMP and Plan update requirements:          

Name:     Roger Hurlbut    

Signature:     Roger Hurlbut     (Please print)

Title:     Independent(3<sup>rd</sup> party) Inspector     Date:     10/1/2015