

Spill Prevention and Response Plan

Number Three Wind Farm • Lewis County, New York • Case 16-F-0328

October 2017

1 Introduction

Number Three Wind LLC (NTW) proposes installation of the Number Three Wind Farm (the Project) in Lewis County, New York. The Project will consist of up to 43 wind turbine generators and associated improvements, including buried electric cables, pad-mount transformers, access roads, an electrical substation, overhead electric lines, permanent meteorological towers, and an operations and maintenance building.

This plan describes the risk of releases or spills of hazardous or regulated materials during construction of the Project, and it specifies procedures to be used to prevent and respond to such spills.

2 Description of Risks

2.1 General Spill Risks

A spill is the discharge of hazardous or regulated substances into the environment.

Potential hazards created by a spill vary for humans, vegetation, water resources, fish and wildlife and depend on nature of the material, the amount spilled, the location of the release, weather conditions, and the time of year.

The most common spills are small and easily contained. Spills of fuel and lubricants during construction can occur from fueling, hydraulic hose breaks, mechanical damage or vandalism.

2.2 Materials Used For Wind Farm Construction

Wind farm construction does not involve major quantities of hazardous or regulated materials, nor does it produce large quantities of hazardous or regulated waste. The hazardous and regulated materials on-site during wind farm construction include:

- Materials used for concrete construction activities such as concrete admixture chemicals, surface active agents, plasticisers and mineral oil for form release;
- Chemicals use by construction equipment, including fuels, anti-freeze coolants, lubricating oils, and hydraulic oils;
- Insulating oil in substation and pad-mount transformers;

3 Spill Prevention

Proper management, handling, and storage of the limited amount of hazardous or regulated materials to be used onsite will minimize the risk of a spill and mitigate potential effects to construction personnel and the environment if a spill does occur.

3.1 On-site Person in Charge

Construction Site Manager, name and phone number to be determined.

3.2 Best Practices Regarding Use of Construction Equipment

- Store and maintain equipment in a designated area.

- Use secondary containment (drain pan) to catch spills when removing or changing fluids.
- Use proper equipment (pumps, funnels) to transfer fluids.
- Perform fueling in designated fueling areas.
- Do not “top-off” tanks
- Keep spill kits readily accessible
- Check incoming vehicles for leaking oil and fluids.
- Transfer used fluids and oil filters to waste or recycling drums.
- Inspect equipment routinely for leaks and spills.
- Repair equipment immediately, if necessary.
- Implement a preventative maintenance schedule for equipment and vehicles.

3.3 Best Practices Regarding Use and Storage of Regulated and Hazardous Wastes

NTW does not anticipate the Project will generate hazardous waste. Nonetheless, best practices to manage hazardous and regulated wastes are:

- Use entire volume before disposing of the container.
- Retain the original product label or MSDS.
- Recycle any useful material (used oil)
- Segregate wastes by waste type.
- Minimize the quantity of hazardous waste generated onsite and maintain storage quantities, times and disposal in compliance with USEPA regulations.
- Arrange for disposal of hazardous waste at an approved waste facility.
- Train employees in proper hazardous/regulated material and waste management.

3.4 Spill Kits

Spill-containment and cleanup kits appropriate for the materials used throughout the construction phase should be well-marked, accessible and maintained onsite at the on-site Project construction office.

A spill kit should include: Poly containment pail, oil absorbent pads, oil absorbent socks, heavy duty disposal bags, nitril gloves, all-purpose absorbent (such as sawdust or kitty litter), shovels, plugs and clamps to control a line breaks.

3.5 Training

Personnel working on the construction of the Project, its ancillary components and associated roadways will be briefed upon arrival to the Project site as to the nature of possible spill hazards, as well as the location, content, and usage of spill kits.

4 Spill Response

4.1 Equipment Staging and Maintenance Area

Leaks from fuel tanks, an equipment seal, or an hydraulic line should be contained with a spill pad placed beneath the source.

4.2 Fueling Area

A spill during fueling operations will be contained within a spill pan for small container handling, or portable secondary containment berms in the storage areas. The transfer of fuel into portable equipment will be performed using a funnel and/or hand pump, and a spill pad used to absorb any incidental spills/drips. If a drum is noted to be leaking, the drum will be repaired with a patch kit. A spill response kit will be located near the fueling area for easy access.

4.3 Spills on to Soil

If a spill occurs onto soil, follow these procedures:

1. Stop operations
2. Identify the product - check container design, warning labels, markings, etc.
3. Prevent personnel from approaching the site and keep them at a distance sufficiently removed that they will not be injured by, or cause, a fire or explosion.
4. Stop the flow at the source - reduce or terminate the motion of product without endangering anyone.
5. Assess the extent of the spill.
6. Report the spill to Construction Site Manager and Environmental Monitor and provide basic information such as location of spill and amount.
7. Complete "Spill Response Form" (Attachment A) and give copy to Construction Site Manager and Environmental Monitor (or Designee). All completed Spill Response Forms will be kept at a main construction site office.
8. The petroleum spill does not need to be reported to the NYSDEC if the following are met:
 - The quantity is less than 5 gallons; and
 - The spill is contained and under the control of the spiller; and
 - The spill has not and will not reach the State's water or land; and
 - The spill is cleaned up within 2 hours of discovery.

If the spill DOES NOT meet the above the criteria, the spill must be reported to:

- NYSDEC at 1-800-457-7362, or
- USEPA National Response Center at 1-800-424-8802.

A spill is considered to have not impacted land if it occurs on a paved surface such as asphalt or concrete. A spill in a dirt or gravel parking lot is considered to have impacted land and is reportable if it does not meet the above requirements.

9. Report the spill to other federal and local authorities, if required.

4.4 Spills into Water

If a spill occurs into water, follow these procedures:

1. Notify Construction Site Manager
2. Notify Environmental Monitor
3. Notify NYSDEC

4. Notify a spill response contractor, if necessary.
5. Stop the source of the spill immediately.
6. Shut down all equipment and ignition sources in the area.
7. Install boom and absorbent to contain the spill.
8. Clean up absorbent and waste materials and dispose at an approved waste disposal facility.
9. Decontaminate the area, equipment and surfaces that have contacted the spilled material.

4.5 Disposal

Transport wastes via truck to an appropriate disposal facility.

5 Emergency Contact Information

NYS Spill Hotline	1-800-457-7362
DEC Region 6, Lowville Office	(315) 376-3521
Fire Department	911
USEPA National Response Center	1-800-424-8802

Attachment A

Spill Response Form

Instructions: Complete for any type of petroleum product or hazardous materials/waste spill or incident. Provide a copy of this report to management.

1 Person Reporting Spill or Incident:

Name		Address	
Organization			
Title			
Telephone			
Fax		Signature	

2 Type of Spill:

Common Name of Spilled Substance	
Quantity Spilled (Estimate)	
Concentration (Estimate)	
Date of Spill	___/___/___

3 Location of Spill: (If no spill, describe incident)

Weather Conditions	
Temperature	
Wind Direction and Velocity	
Precipitation	
Other	

Time Spill Started	__ AM	__ PM	Time Spill Ended:	__ AM	__ PM
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Potential for groundwater contamination? Yes No (circle one)

SPILL TO LAND	SPILL TO WATER BODY
Name of Site:	Name of Water Body:
Street Address:	Location of Discharge with Reference to Fixed Point:
City/Town:	Description of Area from which spilled material may reach:
County:	

SPILL REPORTED TO:	
Name:	Name:
Organization:	Organization:
Date/Time:	Date/Time:
Name:	Name:
Organization:	Organization:
Date/Time:	Date/Time:

4. Actions taken:

To contain spill or impact of incident:

To clean up spill or recover from incident:

To remove cleanup material:

To prevent reoccurrence:

5. Person responsible for managing termination/ closure of incident or spill:

Name: _____ Phone: _____ Fax: _____