

**NUMBER NINE WIND FARM
MDEP NRPA/SITE LOCATION OF DEVELOPMENT COMBINED APPLICATION**

Section 18.
Solid Waste

SECTION 18. SOLID WASTE

Construction of the Number Nine Wind Farm (Project) will include the Turbine Area (wind turbines, electrical collector lines, access roads, meteorological towers, an Operations and Maintenance (O&M) building, and a collector substation), as well as two segments of the electrical generator lead line (North Generator Lead Line and Bridal Path Generator Lead Line). Construction of the Project will generate up to an estimated 3825 cubic yards of solid waste materials, including construction debris, packaging materials, and associated construction wastes.

This Project is expected to generate several types of solid waste (Table 18-1). Waste materials from construction activities will primarily be associated with the Turbine Area (2320 cubic yards, including the O&M building) as well as from the North Generator Lead Line (750 cubic yards) and the Bridal Path Generator Lead Line (750 cubic yards). Once the Project is operational, a small amount of operational solid waste will be generated at the site, primarily in the form of office waste (125 cubic yards). The materials will be collected at the O&M building, transported by a licensed hauler, and disposed of at a licensed facility. During both construction and operation, Tri-Community Landfill in Fort Fairfield, Maine is capable of accepting the solid waste generated by this Project described in Table 18-1 (Exhibit 18-A).

Any waste produced will be handled as described below.

Cleared vegetation will be harvested and removed as merchantable forest products, chipped and flailed on site, or burned in an upland area. Marketable timber/pulp will be removed from the Project and sold. Smaller woody debris will be mulched and used as a soil amendment or as an erosion control measure or burned in an upland area. In areas of fill around the turbine pads where trees need to be removed, stumps may be left in place and filled over to avoid unnecessary ground disturbance and minimize waste disposal of the grindings. Other stump grindings will be used to make erosion control mix berms, which will be used to augment (or substitute for) fabric silt fencing. Disposal of stumps and other organic debris may be needed. Such disposal will be accomplished through reuse for erosion control measures (Exhibit 1-A) or in a stump dumping area. Stump dumps will be constructed in upland areas on different Project parcels, each of which would have a total footprint area of less than one acre. If stump dumps are necessary, the locations will be determined by the Applicant and the contractor in consultation with the third-party inspector.

Waste concrete may be incorporated into the sub-base for proposed access roads and turbine pads. Waste concrete may also be contained in a washout area at each turbine pad location, O&M building, collector substation, laydown areas, and concrete batch plants. The washout

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areas will be used for clearing out the drums of the concrete trucks and the pumping trucks, and depositing any waste concrete after a concrete placement. The washout areas will be repaired and enlarged or cleaned out as necessary to maintain capacity for waste concrete. Concrete truck wash-down will be contained and will not be allowed to flow into waters of the State (38 MRSA §464).

Any general construction debris associated with the Project, including packing or transportation materials, will be disposed of at Tri-Community Landfill in Fort Fairfield, Maine.

Table 18-1. Solid Waste*¹ Generated by this Project to be Disposed at Tri-Community Landfill

	North Generator Lead Bridal Path Generator Lead	Turbine Area	O&M Building
Stumps/Grubbings	NO	NO	NO
Metal Banding	YES	YES	NO
Field Office Trash	YES	YES	YES
Construction Personnel Trash	YES	YES	YES
Building Insulation	NO	YES	YES
Scraps	YES	YES	YES
Disposable Metal	YES	YES	YES
Cable Reels	YES	YES	NO
Scrap Cable	YES	YES	NO
Broken Porcelain	NO	NO	NO
Insulators	YES	YES	NO
Waste Oil and Filters	NO	NO	NO
Waste Concrete	NO	YES	NO
Damaged Culverts	YES	YES	NO
Tires	YES	YES	NO
Junk	YES	YES	YES
TOTAL ESTIMATED VOLUME:	1 500 cubic yards	2,320 cubic yards	125 cubic yards

¹ Solid waste does not include: wood chips (which may be used by a third party or chipped on-site and broadcast within the Project), rock, or earth.

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EXHIBIT 18-A SOLID WASTE CAPABILITY LETTER

P.O. Box 605
Caribou, Maine 04736-0605
Murphy Road
Fort Fairfield, Maine 04742



Phone: 207-473-7840
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E-mail: tcl@ainop.com

December 17, 2014

Mr. Kellen Ingalls
Number Nine Wind Farm, LLC
541 Main St., Suite B
Presque Isle, ME 04769

RE: Disposal Capacity at Tri-Community Landfill

Dear Mr. Ingalls:

This letter is to confirm that Tri-Community Recycling & Sanitary Landfill owns and operates a licensed (Maine DEP license #S-003707), secure landfill facility located in Fort Fairfield, Maine that is permitted to accept municipal solid waste, construction & demolition debris, and certain special wastes. The current remaining constructed disposal capacity of the landfill is approximately 530,000 cubic yards; with an additional 1,638,639 cubic yards of licensed capacity. This will provide sufficient disposal capacity for any debris generated during the construction of the Number 9 Mountain Wind Project.

If you require additional information, please do not hesitate to contact me.

Sincerely,

Mark C. Draper
Solid Waste Director

We are an equal opportunity
employer and provider.

TRI COMMUNITY
RECYCLING AND SANITARY LANDFILL

P.O. Box 605
Caribou, Maine 04736-0605

EASTERN MAINE 004

2013 DEC 24 11:04 AM



Rec'd 1/1/15

Mr. Kellen Ingalls
Number Nine Wind Farm, LLC
541 Main St, Suite B
Presque Isle, ME 04769

♻️ Recycling & You, It's The Smart Thing To Do