



Section 18

Solid Waste

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18.1 State Standards

Pursuant to the State's Site Law, applicants must list and estimate the amount of solid waste expected to be generated by the construction and operation of the facility.

18.2 Narrative

Construction of the wind turbines, underground/overhead collection lines, communications building, and respective facilities are expected to generate approximately 120 cubic yards of solid waste and demolition debris during construction. Construction solid waste will consist primarily of packaging materials, and other construction debris. Recycling and reuse are the preferred methods of disposing of these materials.

Once the Project is operational, no significant solid waste generation is expected.

18.3 Cleared Vegetation and Organic Debris

Cleared vegetation will be harvested and removed to be sold or chipped on site. Stumps that need to be removed will be ground on site and used to create erosion control mix and mulch for use as erosion control berms and other erosion control measures. In fill areas around the turbine pads where trees need to be removed, stumps may be left in place to avoid unnecessary ground disturbance and minimize waste disposal from grindings.

18.4 Construction Debris

Waste concrete may be used for the sub-base for access roads and turbine pads. If necessary, the contractor will designate specific washout areas constructed to handle washout water. Washout areas will be located at least 150 feet away from delineated streams and wetlands.

Construction debris will be disposed of at licensed disposal facilities. The estimated 120 cubic yards of construction and demolition debris will be delivered to the Crossroads Landfill in Norridgewock by a licensed solid waste hauler. The Project has consulted with Crossroads Landfill and confirmed that it has the capacity and willingness to receive this waste, see the attached letter in Exhibit 18-1. Waste oil and filters from vehicle maintenance will be picked up and disposed of by a licensed waste oil transporter.

Solid Waste* Generated By This Project To Be Disposed Of At A Licensed Facility



	Transmission Line	Turbine Areas
Stumps/Grubbings	NO	NO
Metal Banding	YES	YES
Field Office Trash	YES	YES
Construction Personnel Trash	YES	YES
Building Insulation	NO	NO
Scraps	NO	NO
Disposable Metal	YES	YES
Cable Reels	YES	YES
Scrap Cable	YES	YES
Broken Porcelain	NO	NO
Insulators	YES	YES
Waste Oil and Filters	NO	NO
Damaged Culverts	YES	YES
Tires	YES	YES
Junk	YES	YES
TOTAL ESTIMATED VOLUME	30 cubic yards	90 cubic yards

*Does not include rock, earth, or wood chips (which may be used by a third party or chipped on-site and used within the Project area).

EXHIBIT 18-1

Solid Waste Facility Response



June 5, 2023

Mr. Jeff McGown
Crossroads Landfill
357 Mercer Road
Norridgewock, ME 04957

RE: TWIN ENERGY WIND PROJECT, RUMFORD, ME

Dear Mr. McGown:

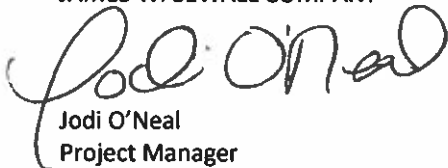
I am writing to you regarding the proposed Twin Energy Wind project in Rumford, ME. The project will require Site Location of Development Act permit through the Maine Department of Environmental Protection Agency (MDEP) and Local Site Plan Review. For this permit application, it is necessary to establish that solid waste removal service will be provided, and that the provider is capable and willing to provide service for the project.

The proposed development will be approximately 32 acres. The Twin Energy Wind Project is proposing three (3) GE 6.1-158 wind turbines with an installed capacity of 18.3 Mega Watts. Our client is proposing to construct the wind turbines and access roads approximately two miles northeast of Black Mountain. See the attached plans and location maps.

For the application, it is necessary to establish the fate of the construction and demolition debris from the facility. The waste produced is estimated to be approximately 120 cubic yards. Transportation of the waste from the project site to the landfill will be the responsibility of the contractor. I am requesting a confirmation that the Crossroads Landfill will agree to accept the construction and demolition debris from the development.

We have included a location plan and proposed site plan of the project for your review. Please review the plans and our estimates of use. Should you have any questions concerning the project, do not hesitate to contact me by phone at 207-817-5561 or by email at jodi.oneal@sewall.com. If the landfill is able to accept the additional waste from this proposed facility, please sign in the space provided on the back of this letter and return to me. Thank you for your attention to this matter.

Sincerely,
JAMES W. SEWALL COMPANY


Jodi O'Neal
Project Manager

The Crossroads Landfill is willing and able to provide solid waste disposal services for the proposed wind project.


Signature

6-06-2023
Date