



December 16, 2007

Mr. Mic Metz
Vermont Department of Environmental Conservation
450 Asa Bloomer State Office Building
88 Merchants Row
Rutland, VT 05701-5903

Dear Mic,

This letter is to inform you of the results of Arrowwood Environmental's field visit to the Proposed Deerfield Wind project site in Searsburg, Vermont. The intention of the field visit was to investigate possible wetlands at three locations that you identified along the eastern expansion ridgeline. Please refer to the attached map for the locations of these three sites, labeled sites Metz1, Metz2 and Metz3. Each of the sites is addressed below.

Metz1. This site is characterized by the presence of flowing water (completely lacking vegetation) in the existing ATV trail. As shown on the map, this site is located east of Wetland C and is contained within a mapped stream channel. When the ATV trail was constructed, it appears that the trail diverted some of the drainage from Wetland C into the ATV trail. This is shown as two separate stream channels on the map. The water that is present in this location is the result of this disrupted hydrology. It was determined, therefore, that this location does not contain a wetland, but is entirely contained within the boundary of the mapped stream channel.

Metz2. This site is dominated by a Montane Yellow Birch-Red Spruce Forest natural community as described in the Environmental Assessment of the Deerfield Wind Project and Existing Natural Resource Conditions at the Proposed Deerfield Wind Project reports. As you noted during your field visit, however, this area is slightly wetter than the surrounding forest as evidenced by scattered cinnamon fern (*Osmunda cinnamomea*) plants. In addition to cinnamon fern, the dominant vegetation includes red spruce (*Picea rubens*), balsam fir (*Abies balsamea*), yellow birch (*Betula alleghaniensis*), hobblebush (*Viburnum alnifolium*), shining clubmoss (*Lycopodium lucidulum*), intermediate fern (*Dryopteris intermedia*) and mountain wood fern (*Dryopteris campyloptera*). The wetland vegetation plot indicates that, although some hydrophytes are present, the site is not dominated by hydrophytic vegetation.

The soils at this site elucidate the nature of the hydrology of this area. Bedrock is located only 6" from the surface. This factor combined with the fairly flat local topography results in water becoming perched and draining slowly from the site. The A horizon is a silt loam that goes 4" deep and is colored 10YR3/1. The B horizon is a loamy sand that goes down to 6" and is colored 10YR4/2.

Neither horizon shows mottling or other redoximorphic features. The soils at this site are therefore considered non-hydric by the criteria outlined in the Field Indicators for Identifying Hydric Soils in New England.

This site is therefore not considered a jurisdictional wetland.

Metz3. This site is very similar to the Metz2 site in that it is dominated by vegetation typical of the Montane Yellow Birch-Red Spruce Forest community. The dominant plants are similar to that outlined above. Cinnamon fern is found scattered throughout this area. Like Metz2, the plot indicates that non-hydric plants were dominant over the hydrophytes that were present.

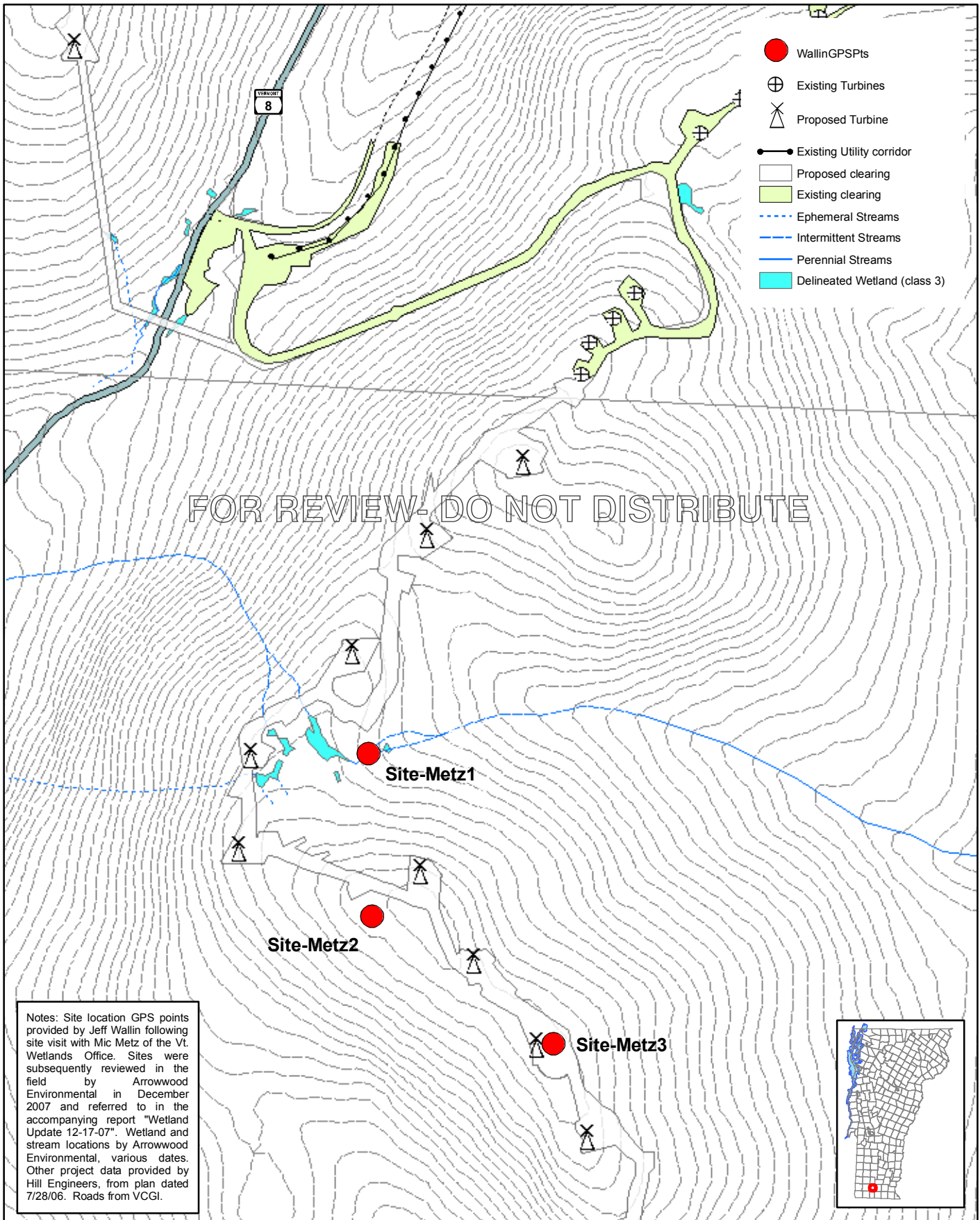
The soils at this site consisted of a 4.5" deep silt loam A horizon with a 10YR2/1 color. The B horizon is a loam, goes from 4.5" to 11" deep and is colored 2.5Y5/2. No mottles were present in either horizon. Bedrock was found at 11" below the soil surface. The soils at this site are considered non-hydric by the criteria outlined in the Field Indicators for Identifying Hydric Soils in New England.

Like Metz2, this site is relatively flat and has bedrock close to the surface. This combination of factors results in an area that is slightly wetter than the surrounding forest as indicated by the presence of some hydrophytic species. However, since neither the plants nor soils are considered hydric, this site is not a jurisdictional wetland.

If you have any questions about this report, please feel free to contact me. Thank you.

Sincerely,

Michael Lew-Smith
Dori Barton



<p>Deerfield Wind- M Metz Wetland Review Sites</p> <p>Review Site Locations</p>	<p>1 inch equals 800 feet</p> <p>Monday, December 17, 2007</p>	<p>ARROWWOOD ENVIRONMENTAL 950 BERT WHITE ROAD HUNTINGTON, VT 05462 (802) 434-7276 FAX: (802) 434-2102</p>
<p>map 1 of 1</p>		