



TOWN OF KINGSTON
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MINUTES
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Falmouth Site Visit

The Sewer Commission conducted an off site meeting today to tour the Falmouth Wastewater Treatment Facility site and the site of the new wind turbine that is to be constructed near the facility this month. The Sewer Commission left Town Hall at approximately 9:45 am and returned at approximately 2:00 PM.

The Falmouth Wastewater Treatment Plant site consisted of 3 buildings, the closest of which was the process building at least 600 feet from the turbine site. Three large abandoned aeration ponds were located between all of the buildings and the turbine site allowing for a large open space in the safety zone. The area surrounding the turbine at the top of the hill was wooded with no buildings located within sight. Photographs of the entire site were taken for future reference.

The Falmouth turbine site is approximately a 200 foot X 400 foot level site on a hill above 3 abandoned aeration ponds. It is over 600 feet from the closest building, a wastewater treatment facility owned by the Town Falmouth, and 900 feet from the administration building at the entrance to the facility. A representative from D & C Construction, Rockland, MA spoke with us. Duncan Peterson, 781- 871-8200 is company Vice President and was given as a contact for further information. D & C Construction also did the construction of the Hull II Turbine on the capped landfill. He stated that this size site (200' X 400') is the minimum staging area required to erect a wind turbine of this size and that it is very tight. They are in the process of bringing in the turbine parts. So far the nacelle, the hub and 2 blades were visible on site. The largest crane is still at Otis Air Force Base because of the size constraints of the staging area. Today we observed them moving one blade with a smaller crane. Once all of the parts are in place he estimated that it would take 3 days to erect the turbine. They are a few weeks away from construction. Weston & Sampson is the design engineering firm for the Falmouth turbine. The Falmouth turbine is a Vestas V82 that was originally slated for Orleans. It is to be 270 feet tall at the nacelle and 397 feet at the top of the blade tip. The Falmouth Turbine is using a vertical foundation design that will be 32 feet deep and 14 feet in diameter, with inner and outer concrete rings. The Hull II Turbine used a more complex foundation, employing steel pilings and 65 foot deep anchoring bolts to bedrock. A square footing was used to make it easier to work the material when they recapped the landfill.

Mr. Vandal toured the Wastewater Treatment Facility. He reported that although they use SBRs that their process method is different from the process used in Kingston. He was very interested in touring the facility again with Mr. Monaghan when they are able to meet with the Falmouth Superintendent, Charlie Pires.

Respectfully Submitted
Diane Poirier