

Docket No. 272 – Development and Management Plan Inspection

The Connecticut Light and Power Company Certificate of Environmental Compatibility and Public Need for the construction of a new 345-kV electric transmission line and associated facilities between Scovill Rock Switching Station in Middletown and Norwalk Substation in Norwalk, Connecticut, including reconstruction of portions of existing 115-kV and 345-kV electric transmission line, the construction of Beseck Switching Station in Wallingford, East Devon Substation in Milford, (and Singer Substation in Bridgeport), modifications at Scovill Rock Switching Station and Norwalk Substation, and the reconfiguration of certain interconnections.

Beseck Switching Station Inspection

Date: November 13, 2007

Inspector: Matthew Creighton

Location: Beseck Switching Station

Rainfall: 0.37" of precipitation was recorded in the week prior to inspection with 0.25" of the total reported on 11/13 (NOAA data at Meriden, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways	Despite efforts such as erosion control mats and seed in place over previously disturbed soil shoulders, turbid run-off was still noted from the eastern access road during rain events. Grass growth was noted but soils are not fully stabilized. The drive has recently been paved. 11/13/07	Continue to monitor controls until the site is at final stabilization with established vegetative cover. New haybales are needed at the entrance to Carpenter Lane. 11/6-11/13/07	The drive has been paved. Still needs regular attention.
	1A contractors continue to access the ROW from the original access off Carpenter Ln. A stone entrance pad remains in place and sediment tracking was not observed. 11/13/07	Continue to maintain and work out schedule with 1A contractors to share responsibility. 11/13/07	Not Applicable (NA) See 1A report for more details.
	The western site access drive has also been paved recently. Erosion control mats remain in place along the shoulders. Clear run-off was noted. 11/13/07	Continue to monitor during rain events to ensure turbid run-off does not re-occur. 11/13/07	The drive has been paved.
	The stockpiles used for road construction that	Even though work in this area has been recently	Stockpiles were removed and the area

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<p>Access roads and adjacent roadways (continued)</p>	<p>were placed at the old western site entrance last week have been removed. Hay mulch and seed were applied to exposed soils and a soil berm located at the edge of Carpenter Ln. 11/13/07</p> <p>Catch basin controls along the north side of Carpenter Lane have been removed. 11/13/07</p> <p>One small section of Carpenter Ln. in front of the eastern site entrance was repaved this week to repair damage incurred during the construction. 11/13/07</p>	<p>part of 1A activities, Beseck contractors are now responsible for the remaining exposed area. Replace controls across the entrance if needed. 11/13/07</p> <p>Continue to clean/sweep roadway and re-install catch basin controls if needed. 11/13/07</p> <p>None. Repaving is complete. 11/13/07</p>	<p>was seeded.</p> <p>Catch basin controls have been removed.</p> <p>The damaged area was repaved.</p>
<p>Foundation and site construction</p>	<p>The majority of the site work is complete, but contractors continue to work on wiring. Access drives have been paved. 11/13/07</p>	<p>Continue to monitor. 11/13/07</p>	<p>NA</p>
<p>Erosion and sediment controls</p>	<p>Riprap dissipater pads remain at the drain inlets in the permanent detention basins. Clear standing water was noted. 11/13/07</p> <p>Previously exposed areas along the edges of the access drives remain temporarily stabilized with seed, mulch and erosion control blankets. Despite efforts, sediment is still leaving the site via stormwater. 11/6-11/13/07</p> <p>Haybales were removed from the stormwater outlet pipe at the wetland across Carpenter Lane (10/23). Accumulated sediment from beneath</p>	<p>Add seed to areas exposed by removal of erosion controls if necessary. 11/13/07</p> <p>Continue to monitor for final stabilization and vegetative cover. Replace haybales at entrances in an effort to reduce turbid run-off. 11/6-11/13/07</p> <p>Remove all visible, accumulated sediment filtered by the haybales and deteriorated hay from the wetlands and outlet. 10/23-11/13/07</p>	<p>NA at this time.</p> <p>Still needs regular attention despite good efforts to stabilize.</p> <p>Needs additional attention and sediment removal.</p>

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	<p>the haybales remains at the outlet. 10/23-11/13/07</p> <p>Water within the outlet and wetlands was turbid again during the rain event. 11/6-11/13/07</p>	<p>Replace controls as needed to protect the wetlands until access road work is complete and the site is at final vegetative cover throughout. 11/6-11/13/07</p>	
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<p>Haybales have been removed from the outlet and the wetlands across Carpenter Lane (10/23). Sediment accumulation was noted within and around the outlet where the haybales had been. 10/23-11/13/07</p> <p>Despite good efforts, access road shoulders are not fully stabilized and turbid water has been noted leaving the site and entering the wetlands. 11/6-11/13/07</p>	<p>Continue to remove all visible sediment from within and around the outlet (and whatever is feasible from within the pipe). Seed the area with a wetland seed mix for final stabilization. The edges of the access roads are not fully stabilized, therefore haybales should be replaced during heavy rain. 10/23-11/13/07</p>	<p>Replace controls. Sediment needs some additional attention.</p>
<p>State species of concern, threatened and endangered species.</p>	<p>According to the D&M plan, state-listed species are not located in this work area. 11/13/07</p> <p>Several different species of frogs, turtles, and salamanders have been noted in wetlands south of Carpenter Ln. and east of Beseck this spring and last year. 11/13/07</p>	<p>None. 11/13/07</p> <p>Although these species were not state-listed, it indicates good habitat. Continue to make good efforts to reduce impacts to these wetlands to the extent possible. 11/13/07</p>	<p>NA</p> <p>NA</p>
<p>Vegetative clearing or stabilization</p>	<p>The hydroseeded and landscaped areas around site are at the 75% or greater vegetative cover mark except for small areas recently seeded along the access roads. Erosion control mats remain in place on steep slopes and are in place along the edge of the access road. 11/13/07</p>	<p>Monitor site closely, especially during heavy rains and continue to make good efforts to stabilize washouts. Hand seed the sparse areas of vegetation to increase stabilization as needed. 11/13/07</p>	<p>Haybales should be replaced at the ends of the access roads and within the wetlands during rain events.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Dewatering	Foundations are complete and no dewatering should be required. 11/13/07	If future storms overwhelm the capacity of the basins, the controls will have to be revisited. 11/13/07	NA at this time.
Blasting	All blasting was complete as of 9/7/06.	None. 11/13/07	NA
Spills, soils and material storage	Spill cleanup materials were available on site and are being used and restocked as needed. 11/13/07 Small stockpiles of access road sub-base were noted onsite 10/23-11/13/07. The stockpiles noted last week near the old western access have been removed. 11/13/07	Always use spill control materials when working on equipment and during refueling. Final house keeping should occur as activities wrap-up. 11/13/07 Monitor sub-base and remove additional material as feasible. 10/23-11/13/07	NA The stockpile near the western access drive was removed.
Additional Observations	None 11/13/07		

Next likely scheduled inspection: **Tuesday November 20 , 2007**

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Field Inspector: Matt Creighton, BSC Group

Reviewer: Diana Walden, BSC Group



Eastern side of the site, view from Carpenter Lane. The entrance has been paved and erosion control mats and seed remain in place along the shoulders. However, turbid run-off continues to leave the site during rain events.



Clear, standing water noted at the drain inlets within the detention basin.



The western site access has been paved. Erosion control mats remain in place along the shoulders. Clear run-off was currently noted at the access but continue to monitor during rain events.



View of the outlet across Carpenter Lane where turbid water was still noted in the wetlands following a small rain event. Efforts should be made to remove all visible, settled sediment at the outlet and within the pipe. Seed the disturbed area with wetland mix. Evaluate replacing haybales here until the site has final vegetative cover throughout and there is no further turbid run-off.