

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: October 10, 2007

Inspector: Matthew Creighton

Location: Beseck Switching Station

Rainfall: 0.37" of precipitation was recorded in the week prior to inspection with 0.22" of the total reported on 10/10 (NOAA data at Meriden, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways	Turbid water flows from the eastern site entrance during periods of heavy rain. Sediment onsite is fine and difficult to control during larger storms. Haybales remain in place but are degraded and additional controls may be needed. 9/25-10/10/07	Continue to monitor controls in an attempt to contain and filter the run-off until the site is fully stabilized. Stone should be refreshed as needed. 9/25-10/10/07	Needs regular attention
	Soil has been graded into a berm to block off the eastern stone access connecting Beseck to the ROW. 1A contractors are now accessing the ROW from the original access off Carpenter Ln. Some sediment tracking was noted on the roadway as a result. 10/10/07	Continue to coordinate a schedule with 1A contractors to share responsibility for keeping Carpenter Rd. swept. The tracking noted was not jurisdictional to Beseck work. Also, work to establish vegetative cover on the berm. 10/10/07	Not Applicable (NA) See 1A report for more details.
	Soil stockpiles in the previous access to the west of the site, were being removed by 1A contractors. Haybales had been removed from the site entrance for access, and mulch/seed remain on exposed soils.	Even though work in this area was previously listed as part of Beseck activities, 1A contractors are now responsible for active work here. Please review 1A reports for more information. 10/10/07	NA- Not jurisdictional to this report. Please see 1A reports for details.

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Access roads and adjacent roadways (continued)</p>	<p>10/10/07</p> <p>Carpenter Lane contained small stones from the access roads and hay from degraded haybales. Catch basin controls need some attention 10/1-10/10/07</p> <p>The CB within the entrance drive cannot be sealed yet so a drainage ditch remains in place to prevent turbid water from flowing into the storm-water system. 10/10/07</p> <p>The two access driveways and areas of Carpenter Lane that were damaged by equipment months ago during active work should be paved prior to the asphalt plants closing this fall. 9/4-10/10/07</p>	<p>Continue to clean/sweep roadway and maintain catch basin controls on a regular basis. Clean gutters by hand and replace liners as necessary. 10/1-10/10/07</p> <p>CB will be sealed during final grading. Continue to monitor existing controls. 10/10/07</p> <p>Paving should be completed this fall. 10/10/07</p>	<p>Needs regular attention Work with 1A contractors for sweeping the roadway.</p> <p>NA</p> <p>Areas of Carpenter Lane are to be revisited when paving occurs on site.</p>
<p>Foundation and site construction</p>	<p>Minor grading continues as needed. The majority of the site work is complete, but contractors continue to work on wiring 10/10/07</p>	<p>Continue to monitor. Erosion controls may need to be adjusted as grading changes, especially at catch basins on site. 10/10/07</p>	<p>NA</p>
<p>Erosion and sediment controls</p>	<p>Filter fabric and numerous haybales remain in place over and around the drain inlets in the permanent detention basins. Haybales within the detention basins are deteriorating. Riprap dissipater pads remain at the inlet to the basins. 10/10/07</p> <p>A few small washouts were noted on slopes on site despite the establishing vegetative cover. 8/2-10/10/07</p> <p>Haybales are in place</p>	<p>Continue to monitor and replace haybales as needed within the detention basins, or remove haybales and stabilize the immediate area. Surrounding areas were stable. 10/10/07</p> <p>Continue to monitor the site for vegetative cover, until fully stabilized. Repair larger washouts if needed. 8/2-10/10/07</p> <p>Continue to monitor to</p>	<p>NA</p> <p>Continue to monitor.</p> <p>Needs evaluation.</p>

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	<p>within the drainage ditch to slow and filter stormwater as it flows into the basin from BSS. 10/10/07</p> <p>Haybales remain at the storm water outlet pipe at the wetland across Carpenter Lane. Outlet was almost dry this week and water within the wetlands was clear. Full vegetative cover has established over the accumulated sediment here. 10/10/07</p> <p>The stockpiles located on the western site access will be used to grade the access during paving. Silt fence remains across the access drive downgradient of the stockpiles. 10/10/07</p>	<p>determine if additional controls are needed here. Review Segment 1A reports for more information. 10/10/07</p> <p>Continue to monitor and replace haybales as needed at the storm drain outlet. Continue addressing stormwater issues at the source. Upon finalization of all work upgradient of the receiving outlet, remove haybales and seed the area with a wetland seed mix. Evaluate the area for further sediment accumulation. 10/10/07</p> <p>Monitor controls and replace as needed. 10/10/07</p>	<p>Outlet was almost dry this week and water within the wetlands was clear. Continue to evaluate.</p> <p>NA at this time</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<p>Sediment accumulation was noted within the wetlands across Carpenter Lane. Haybales are not capable of containing all sediment during peak flows. The wetland has revegetated and is stable over the area of accumulated sediment. It appears removal of sediment would cause more disturbance at this point. 10/10/07</p>	<p>Several areas in the wetland have sediment accumulation as a result of past run-off from the site. Due to the full vegetative cover in the wetlands, it is not advised to remove sediment from the wetlands at this time. Upon finalization of all work areas on and adjacent to the site, haybales should be removed, any accessible accumulated sediment should also be removed, and the area should be seeded with a wetland seed mix. 10/10/07</p>	<p>Continue to evaluate and add controls as needed.</p>

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<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. 10/10/07</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. 10/10/07</p>	<p>None. 10/10/07</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. 10/10/07</p>	<p>NA</p> <p>NA</p>
<p>Vegetative clearing or stabilization</p>	<p>Some of the hydroseeded and landscaped areas around site are at the 75% vegetative cover mark. Erosion control mats remain in place on steep slopes. Minor washouts have been noted on the slope located on the western boundary despite the establishing cover. 8/14-10/10/07</p> <p>Work with 1A contractors to stabilize the soil berm created to block the access between the site and the ROW. 10/10/07</p>	<p>Monitor site closely, especially during heavy rains and continue to make good efforts to stabilize washouts. Continue to monitor the area for vegetative cover, until fully stabilized. Hand seed the sparse areas of vegetation to increase stabilization as needed. 9/4-10/10/07</p> <p>Seed and mulch the area to promote vegetative cover. 10/10/07</p>	<p>Grass cover is almost fully established in hydroseeded areas. Washouts need attention when feasible</p> <p>Needs attention when feasible (may be 1A jurisdictional)</p>
<p>Dewatering (As of 1/12/07 contractors stated: the detention ponds will be monitored during rain events and spring thaw to ensure that neither pond reaches capacity. Water will be pumped to the larger pond and then to the frac tank if any component of the system is reaching capacity.)</p>	<p>Foundations are complete and no dewatering should be required. 10/10/07</p> <p>Muddy River, located down-gradient from the wetland across Carpenter Lane, is also being monitored. At this time no turbidity from the site appears to have reached Muddy River. 10/10/07</p>	<p>If future storms overwhelm the capacity of the basins, the controls will have to be revisited. 10/10/07</p> <p>Continue to monitor and evaluate Muddy River during rain events and dewatering activities. Reinforce and improve controls on site as needed. 10/10/07</p>	<p>NA at this time.</p> <p>NA</p>
<p>Blasting</p>	<p>All blasting was complete as of 9/7/06.</p>	<p>None. 10/10/07</p>	<p>NA</p>

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Spills, soils and material storage	<p>All remaining soil on site will be used as fill in construction activities. 10/10/07</p> <p>Spill cleanup materials were available on site and are being used and restocked as needed. 10/10/07</p>	<p>Soils appear to be handled appropriately. 10/10/07</p> <p>Always use spill control materials when working on equipment and during refueling. Basic house keeping should continue to be performed around the site regularly to keep trash from blowing off-site. 10/10/07</p>	<p>NA</p> <p>NA</p>
Additional Observations	None 10/10/07		

Next likely scheduled inspection:

Tuesday October 16, 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



View along the eastern access road (1A crews working in the ROW to the right). Continue to promote cover in any sparsely vegetated areas.



View of the switching station and eastern access road off Carpenter Lane.



Soil stockpiles located on the western access drive. Silt fence was in place across the access road.



Haybales were removed from the western site entrance but silt fence is in place further upgradient. Ensure that all run-off is contained.