

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 15, 2007

Inspector: Matthew Creighton

Location: Beseck Switching Station

Rainfall: 0.83” of precipitation was recorded in the week prior to inspection with 0.54” of the total reported on 10/11 (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. 9/25-10/15/07	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. 9/25-10/15/07	Needs regular attention
	The soil berm that blocks off the eastern stone access connecting Beseck to the ROW has been graded and temporarily stabilized. The area was blocked in preparation for final paving. 10/15/07	Continue to monitor for final stabilization and vegetative cover. Coordinate with 1A contractors to share responsibility. 10/15/07	The berm was temporarily stabilized.
	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. 10/10-10/15/07	Continue to maintain and work out schedule with 1A contractors to share responsibility. Tracking not jurisdictional to this report. 10/10-10/15/07	Not Applicable (NA) See 1A reports for more details.
	Soil stockpiles in the previous access to the west of the site, were being removed by 1A	Even though work in this area was previously listed as part of Beseck activities, 1A contractors	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>contractors. Haybales had been removed from the site entrance for access, and mulch/seed remain on exposed soils. 10/15/07</p> <p>Carpenter Lane contained small stones from the access roads and hay from degraded haybales. Catch basin controls need some attention 10/1-10/15/07</p> <p>Final grading has begun on the western site access road and the sub-base was applied in some areas in preparation for paving. Stockpiles were used in grading and controls were removed for access. 10/15/07</p> <p>The CB within the entrance drive should be sealed during final grading/paving. 10/15/07</p> <p>The two access driveways and areas of Carpenter Lane that were damaged by equipment months ago during active work should be paved during the next several weeks. 10/15/07</p>	<p>are now responsible for active work here. Please review 1A reports for more information. 10/15/07</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. 10/1-10/15/07</p> <p>Replace haybales or controls across the access road prior to predicted storms, until the access road is paved. 10/15/07</p> <p>CB will be sealed during final grading. Continue to monitor existing controls. 10/15/07</p> <p>Paving should be completed within the next few weeks. 10/15/07</p>	<p>Needs attention Work with 1A contractors for sweeping the roadway.</p> <p>Needs regular attention.</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>Some grading continues on the access roads in preparation for paving. Road sub-base was applied on portions of the western access drive. The majority of the site work is complete, but contractors continue to work on wiring. 10/15/07</p>	<p>Continue to monitor. Erosion controls may need to be adjusted as grading changes, especially at catch basins on site. 10/15/07</p>	<p>NA</p>
<p>Erosion and sediment controls</p>	<p>Filter fabric and numerous haybales remain in place over and</p>	<p>Continue to monitor and replace haybales as needed within the</p>	<p>NA</p>

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	<p>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. 10/15/07</p> <p>A few small washouts were noted on slopes on site despite the establishing vegetative cover. 8/2-10/15/07</p> <p>Haybales are in place within the drainage ditch to slow and filter stormwater as it flows into the basin from BSS. Adjacent exposed areas have been seeded. 10/15/07</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. 10/15/07</p> <p>The stockpiles located on the western site access were used to grade the access drive in preparation for paving. Silt fence has been removed for access. 10/15/07</p>	<p>detention basins, or remove haybales and stabilize the immediate area. Surrounding areas were stable. 10/15/07</p> <p>Continue to monitor the site for vegetative cover, until fully stabilized. Repair larger washouts if needed. 8/2-10/15/07</p> <p>Continue to monitor to determine if additional controls are needed here. Review Segment 1A reports for more information. 10/15/07</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. 10/15/07</p> <p>Monitor controls and replace/re-install as needed. 10/15/07</p>	<p>Continue to monitor.</p> <p>Exposed soil area has been seeded.</p> <p>Continue to evaluate.</p> <p>Needs regular attention.</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</p>	<p>Several areas in the wetland have sediment accumulation as a result of past run-off from the site. Due to the</p>	<p>Continue to evaluate and add controls as needed.</p>

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	<p>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. 10/15/07</p>	<p>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. 10/15/07</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. 10/15/07</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. 10/15/07</p>	<p>None. 10/15/07</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. 10/15/07</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. 8/14-10/15/07</p> <p>The soil berm created to block the access between the site and the ROW had been temporarily stabilized. 10/15/07</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. 9/4-10/15/07</p> <p>Monitor areas for full stabilization and vegetative cover. 10/15/07</p>	<p>Grass cover is almost fully established in hydroseeded areas. Washouts need attention when feasible</p> <p>Exposed areas were temporarily stabilized.</p>
<p>Dewatering (As of 1/12/07 contractors stated: the detention ponds will be</p>	<p>Foundations are complete and no dewatering should be required. 10/15/07</p>	<p>If future storms overwhelm the capacity of the basins, the controls will have to be revisited.</p>	<p>NA at this time.</p>

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<i>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.)</i>	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. 10/15/07	10/15/07 Continue to monitor and evaluate Muddy River during rain events and dewatering activities. Reinforce and improve controls on site as needed. 10/15/07	NA
Blasting	All blasting was complete as of 9/7/06.	None. 10/15/07	NA
Spills, soils and material storage	The stockpiles on the western side were used in grading. Very little stockpiled soil remains on site. 10/15/07 Spill cleanup materials were available on site and are being used and restocked as needed. 10/15/07	Soils appear to be handled appropriately. 10/15/07 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. 10/15/07	NA NA
Additional Observations	None 10/15/07		

Next likely scheduled inspection:

Tuesday October 23 , 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



The constructed entrance between BSS and the ROW has been blocked off and graded to prepare for paving the eastern access drive to the station.



View of the final grading of the western access road in preparation for paving. Soil stockpiles had been used and silt fence controls were removed.



Road base was installed at final grade along the western access road.



Haybales were removed from the western site entrance.