

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 23, 2007

Inspector: Matthew Creighton

Location: Beseck Switching Station

Rainfall: 1.48" of precipitation was recorded in the week prior to inspection with 1.33" of the total reported on 10/19 (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. Access road has been reduced to 15' wide and sub-base was added to prepare for final paving. 10/23/07	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. 10/23/07	Needs regular attention
	Disturbed/reclaimed areas along the edge of the drive have been graded, and seeded and erosion control mats are being installed. 10/23/07	Continue to monitor until final vegetative cover has established. 10/23/07	Areas were reclaimed.
	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. 10/10-10/23/07	Continue to maintain and work out schedule with 1A contractors to share responsibility. Tracking not jurisdictional to this report. 10/10-10/23/07	Not Applicable (NA) See 1A report for more details.
	The western site entrance has also been reduced in size and sub-base was added for final paving. A gravel swale was installed along the edge of the	Continue to monitor this entrance during rainstorms and replace controls until paved. 10/23/07	A stone swale was installed.

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Access roads and adjacent roadways (continued)</p>	<p>road. 10/23/07</p> <p>Soil stockpiles in the previous access to the west of the site, were moved by 1A contractors to the edge of the roadway. Haybales had been removed from the site entrance for access, and mulch/seed remain on exposed soils. 10/23/07</p> <p>Carpenter Lane contained small stones from the access roads and hay from degraded haybales. Catch basin controls need some attention 10/1-10/23/07</p> <p>The CB within the western site entrance was sealed in preparation for final grading/paving. Sediment was removed from the CB before sealing. 10/23/07</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. 10/23/07</p>	<p>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. 10/23/07</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. 10/1-10/23/07</p> <p>Monitor the drainage system. 10/23/07</p> <p>Paving should be completed within the next few weeks. 10/23/07</p>	<p>NA- Not jurisdictional to this report. Please see 1A reports for details.</p> <p>Needs attention Work with 1A contractors for sweeping the roadway.</p> <p>Sediment removed and the CB has been sealed.</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 both access drives and within the substation. The majority of the site work is complete, but contractors continue to work on wiring. 10/23/07</p>	<p>Continue to monitor. Erosion controls may need to be adjusted as grading changes, especially at catch basins on site. 10/23/07</p>	<p>NA</p>
<p>Erosion and sediment controls</p>	<p>Filter fabric and haybales have been removed from</p>	<p>Continue to monitor this area until final</p>	<p>Haybales were removed in final stabilization.</p>

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	<p>around the drain inlets in the permanent detention basins. Riprap dissipater pads remain at the inlet to the basins. 10/23/07</p> <p>A few small washouts were noted; however, grass growth has stabilized the slopes. 10/23/07</p> <p>Haybales were removed from the drainage ditch, which flows east under the 1A ROW access. Exposed areas are temporarily stabilized. 10/23/07</p> <p>Haybales were removed from the stormwater outlet pipe at the wetland across Carpenter Lane. Water within the outlet and wetlands was clear. Accumulated sediment from beneath the haybales remains at the outlet. 10/23/07</p>	<p>stabilization is complete. Add seed to areas exposed by removal of erosion controls if necessary. 10/23/07</p> <p>Continue to monitor the site for run-off. 10/23/07</p> <p>Continue to monitor. Review Segment 1A reports for more information. 10/23/07</p> <p>Remove all visible, accumulated sediment filtered by the haybales and deteriorated hay from the wetlands and outlet. 10/23/07</p>	<p>NA at this time.</p> <p>Grass growth noted; haybales were removed.</p> <p>Haybales were removed. Provide additional attention and sediment removal.</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<p>Haybales and some sediment have been removed from the outlet the wetlands across Carpenter Lane. Sediment accumulation was noted within and around the outlet where the haybales had been. 10/23/07</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. Access roads are not fully stabilized/paved, therefore haybales may need to be replaced during heavy rain. 10/23/07</p>	<p>Replace controls as needed. 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. 10/23/07</p> <p>Several different species of frogs, turtles, and salamanders have been</p>	<p>None. 10/23/07</p> <p>Although these species were not state-listed, it indicates good habitat.</p>	<p>NA</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	noted in wetlands south of Carpenter Ln. and east of Beseck this spring and last year. 10/23/07	Continue to make good efforts to reduce impacts to these wetlands to the extent possible. 10/23/07	
Vegetative clearing or stabilization	The hydroseeded and landscaped areas around site are at the 75% or greater vegetative cover mark. Erosion control mats remain in place on steep slopes and being installed along the edge of the access road. Minor washouts have been noted on the slope located on the western boundary; however, establishing vegetative cover has stabilized the area. 10/23/07	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. 10/23/07	NA at this time- areas appear stable.
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.)	Foundations are complete and no dewatering should be required. 10/23/07	If future storms overwhelm the capacity of the basins, the controls will have to be revisited. 10/23/07	NA at this time.
Blasting	All blasting was complete as of 9/7/06.	None. 10/23/07	NA
Spills, soils and material storage	Very little stockpiled soil remains on site. 10/23/07 Spill cleanup materials were available on site and are being used and restocked as needed. 10/23/07 Small stockpiles of access road sub-base were noted	Soils appear to be handled appropriately. 10/23/07 Always use spill control materials when working on equipment and during refueling. Final house keeping should occur as activities wrap-up. 10/23/07 Monitor sub-base and remove additional	NA NA NA at this time

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	onsite. 10/23/07	material as feasible. 10/23/07	
Additional Observations	None 10/23/07		

Next likely scheduled inspection: **Tuesday October 30 , 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, looking from the 1A ROW entrance off Carpenter Ln. Exposed areas are being covered with seed and erosion control mats.



Haybales were removed from around the drain inlets within the detention basins.



Road base was installed at final grade and a drainage swale was constructed along the western access road.



Haybales were removed from the outlet across Carpenter Lane. Effort should be made to remove all visible sediment at the outlet and within the pipe. Seed the disturbed area with wetland mix.