

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.

Segment 2a Inspection

Date: January 16, 2007

Inspector: Matthew Creighton

Location: Segment 2a – Beseck Switching Station to Cheshire/Hamden Town Line

Rainfall: Total of 0.48” rain from 1/9–1/16/07 with 0.23” on 1/15/07 (as reported by NOAA at Meriden, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways High Hill Rd. to Rte 68	High Hill Road is being swept as needed; catch basin (CB) here has controls. Timber mats are in place in a non-federally jurisdictional (NFJ) wetland crossing. Some access road grading was underway during the inspection. 1/16/07	Check construction entrance and clean/sweep High Hill Road, and Route 68 as needed. 1/16/07	Not applicable (NA)
Williams Rd. to East Center St.	Traffic is using a temporary, cleared entrance off Stony Brook Rd. There is no sediment tracking at this time and area is stable. 1/16/07	Monitor access road for erosion. 1/16/07	NA
S. Turnpike + Merritt Parkway Area	No sediment tracking noted on S. Turnpike. 1/16/07	Continue to monitor the entrance and sweep as needed. Also, continue to monitor the slope for additional wash-out or run-off issues. 1/16/07	Silt fence fixed.
Mansion Rd	The minor sediment build-up at the entrance to Mansion Rd. was removed and silt fence was added.	Continue to monitor and sweep roadway as needed. 1/16/07	The sediment accumulation was removed.
	An existing cart path is being upgraded for access	Add controls as needed as access road construction	NA.

Areas of Inspection	Observation	Recommended Action	Corrected Action
	1/16/07		
<p>Foundation and site construction</p> <p>High Hill Rd.</p> <p>S. Turnpike + Merritt Parkway Area</p> <p>Mansion Rd. (apple orchard)</p> <p>Old Farms Rd.</p>	<p>Limited work (temporary pole installation and access road construction) is occurring; drilling is scheduled to start soon. 1/16/07</p> <p>A fifth construction pad area was being graded and the access road was shifted. 1/16/07</p> <p>No new work was noted off South Turnpike. 1/16/07</p> <p>New staging areas are under construction. 1/16/07</p> <p>Construction will continue moving south. 1/16/07</p> <p>Saw cutting pavement and underground work is ongoing and will continue over the next few weeks. 1/16/07</p>	<p>None 1/16/07</p> <p>None. 1/16/07</p> <p>None. 1/16/07</p> <p>None. 1/16/07</p> <p>None. 1/16/07</p> <p>None. 1/16/07</p>	<p>NA</p> <p>NA.</p> <p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p>
<p>Erosion and sediment controls</p> <p>High Hill Rd. to Rt. 68</p> <p>Williams Rd to East Center St.</p>	<p>Silt fence and haybales are in place at the wetland near High Hill Rd. entrance. Logs protect the controls. Two layers of silt fence are secure. 1/16/07</p> <p>Mats and controls are in place at the wetland crossing. Mulch and silt fence remain in place to help prevent erosion on the steep slopes of the graded staging areas. 1/16/07</p> <p>Silt fence and silt liners at CB near Stony Brook Rd. entrance appear secure. 1/16/07</p>	<p>Inspect and maintain silt fence/haybales as needed. Monitor area for sediment run-off. 1/16/07</p> <p>Monitor for erosion and run-off issues and add controls as needed. 1/16/07</p> <p>Maintain as needed. 1/16/07</p>	<p>NA</p> <p>Small gullies have been graded and mulched..</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
S. Turnpike + Merritt Parkway Area	<p>Much of the appropriate vegetation and woody debris off Stony Brook Road was preserved to prevent erosion. 1/16/07</p> <p>The slope did not have any new erosion issues. The small fallen section of silt fence along the base of slope was repaired. 1/16/07</p>	<p>Continue to make efforts to retain vegetation for erosion control when clearing resumes. 1/16/07</p> <p>Monitor access road slope for future washout or erosion issues, add controls/diversions if needed. 1/16/07</p>	<p>NA</p> <p>The section of silt fence has been repaired.</p>
Mansion Rd.	<p>An existing riprap slope and culvert are present near the entrance from the road. 1/16/07</p> <p>The accumulated sediment was removed from the downgradient edge of the ROW entrance and a new section of silt fence has been installed. 1/16/07</p>	<p>Continue to monitor and place controls in this area if traffic increases and adjacent soil becomes disturbed. 1/16/07</p> <p>Continue to monitor area. 1/16/07</p>	<p>NA</p> <p>Silt fence was added and the accumulated sediment was removed.</p>
Old Farms Rd.	<p>Silt fence is being installed as needed adjacent to resource areas along the upgraded access roads. 1/16/07</p> <p>Silt fence is in place adjacent to the NFJ wetland on both sides of the access drive. The small section of silt fence on the east side of the drive has been repaired. 1/16/07</p>	<p>Continue to add and monitor controls as needed. 1/16/07</p> <p>Continue to monitor controls but erosion was not an issue at this time. 1/16/07</p>	<p>Silt fence installed (proactively).</p> <p>Silt fence was repaired.</p>
Old Farms Rd. (Equipment Storage Area)	<p>The equipment storage yard off Old Farms Rd. looks good. Silt fence has been extended along the access driveway and upgradient of the wetlands located here. 1/16/07</p>	<p>Maintain existing controls and add controls as needed. 1/16/07</p>	<p>Silt fence was extended.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Inland Wetland and Watercourse encroachment and mitigation	<p>Jurisdictional wetlands will not be accessed until the ACOE permit is in hand. 8/24/06-1/16/07</p> <p>Small NFJ wetlands are being accessed for crossing. 1/16/07</p> <p>Wetlands along Old Farms Rd did not show signs of sedimentation near the underground work. 1/16/07</p>	<p>Continue to monitor wetlands and erosion controls. 1/16/07</p> <p>Mats are in place where appropriate. Evaluate hydrology off Old Farms 12/18/06-1/16/07</p> <p>Continue to monitor during roadway work, especially during sawcut slurry production. 1/16/07</p>	<p>NA</p> <p>NA</p> <p>NA</p>
State species of concern, threatened and endangered species.	<p>According to the D&M plan, state-listed species are not located in the current work areas. 1/16/07</p>	<p>None 1/16/07</p>	<p>NA</p>
Vegetative clearing or stabilization	<p>Permits are obtained and vegetation clearing will resume shortly; several more weeks of work will be required to complete clearing. 1/16/07</p> <p>Vegetation was preserved in areas where invasive species were not dominant. 1/16/07</p>	<p>Continue to retain appropriate vegetation for stabilization. Continue to monitor areas and mulch/ temporarily stabilize as needed. 1/16/07</p> <p>Retain vegetation where feasible; confirm that cutting is limited only to areas defined in D&M plan. Be extremely mindful of edge of clearing flags. 1/16/07</p>	<p>NA</p> <p>NA</p>
Dewatering	<p>Minor dewatering is being performed from the trench off Old Farms Rd. Water was clear and being released against a haybale and then to a controlled CB. No impacts or turbidity issues were noted. 1/16/07</p>	<p>Monitor dewatering activities and add controls as needed. 1/16/07</p>	<p>Discharge water was well controlled at this time.</p>
Blasting	<p>No blasting is proposed. 1/16/07</p>	<p>None</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Spills, soils and material storage	Spill control materials are being brought to sites when work is performed. 1/16/07	Always use spill control materials when working on equipment and during refueling. Replace as needed. 1/16/07	NA
High Hill Rd. to Rt 68	Some wetland crossing timber mats are being stored off High Hill Rd. and used in access road construction. 12/11/06-1/16/07	Continue to store equipment away from wetlands when possible. 1/16/07	NA
Old Farms Rd. (Equipment Storage Area)	Some trucks and equipment being used in the underground work are being stored off Old Farms Rd. Silt fence is in place to protect wetlands. 1/16/07	Monitor controls and adjust as needed. Vehicles should be stored away from wetlands. 1/16/07	Silt fence was extended.
	Portable sanitary facilities have been moved to locations further from wetlands. 1/16/07	Sanitary facilities should be stored away from wetlands and CBs to prevent potential issues if there is an alternative acceptable location. 1/16/07	Sanitary facilities have been relocated.
Additional Observations	Some non-project related debris dumping was noted at a few access points, including off Stony Brook Rd. and a pile of asphalt off Old Farms Rd. 11/27/06-1/16/07	None. Noted for the record. 1/16/07	NA

Next likely scheduled inspection:

Tuesday January 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: Matthew Creighton

Reviewer: Diana Walden



Access road, timber mats, and erosion controls off High Hill Road at a non-federally jurisdictional wetland crossing



New staging areas prepared for pole construction. Temporary stabilization measures (mulch) are added as needed.



The small section of fallen silt fence was repaired along South Turnpike. Continue to monitor the slope for erosion.



Sediment accumulation was removed and silt fence was added at the ROW entrance off Mansion Rd.



Silt fence was added along the new access road adjacent to wetlands within the apple orchard off Mansion Rd.



View of trenching on Old Farms Road for underground work. Clean water was being dewatered from the trench and released to the CBs. Adjacent wetlands showed no signs of sedimentation. Continue to sweep road as necessary especially as soon as sawcut slurry is created.



Silt fence was extended along the driveway to the equipment storage area. No sediment issues were observed in the adjacent wetlands.