

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: February 6, 2007

Inspector: Matthew Creighton

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

Rainfall: Total of 0.30" precipitation from 1/31–2/6/07, with 0.29" on 2/2/07 (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. 2/6/07	Check construction entrance and clean/sweep High Hill Road, and Route 68 as needed. 2/6/07	Not applicable (NA)
Williams Rd. to East Center St. ; S. Turnpike + Merritt Parkway Area; Mansion Rd	No sediment tracking was noted on any of these roadways and the adjacent areas appear stable. 2/6/07	Continue to monitor entrances and sweep as needed. Also, continue to monitor the slope at S. Turnpike for additional wash-outs or run-off issues. 2/6/07	NA
Mansion Rd. Apple Orchard	The existing cart paths were upgraded and extended for access to the east through an apple orchard to reach several staging areas/construction pads. 2/6/07	Add controls as needed along the access road. 2/6/07	NA.
Old Farms Road	Plywood is being used to reduce impact to the driveways crossing the ROW from equipment crossing. Two driveways have some minor marks from equipment 12/27/06-2/6/07	Continue to monitor for sediment on roadway and driveways; continue to use rubber mats or plywood to protect driveways. 12/27/06-2/6/07	Plywood is used to protect driveways from equipment damage (proactively).

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Old Farms Rd. (115kV Underground trench-work)</p>	<p>Access road construction is complete. Run-off typically extends from a low spot filled during construction, to the roadway but is frozen at this time. 1/30/07</p> <p>During/after larger rain events, run-off was noted as sheet flow across one driveway and flowing down another driveway to Old Farms Rd. This is not an environmental issue but causes icy conditions in cold weather. 1/23-2/6/07</p> <p>Most CBs are well controlled with liners and gutter buddies (filter socks). The cold weather appears to exacerbate “crumbling” of the patch cover on the trench leaving loose pebbles along the roadway. Adjacent wetlands still appear free of sedimentation 2/6/07</p>	<p>Monitor run-off and hydrology in the area and add controls as needed. 12/18/06-1/30/07</p> <p>Evaluate whether pre-existing drainage patterns were altered during construction.</p> <p>Consider installing temporary stormwater containment or diversion to prevent sheet flow across driveways and off-site. 1/23-1/30/07</p> <p>Maintain controls for CBs as the underground work approaches and until stable. Clear sediment from the controls or replace them instead of removing them. Have street sweeper attend to accumulating loose material. 2/6/07</p>	<p>Needs to be monitored</p> <p>Needs evaluation</p> <p>A street sweeper is scheduled to clean the roadway every Friday.</p>
<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>Limited work (temporary/permanent pole installation, drilling and access road construction) is occurring. 2/6/07</p> <p>A number of graded construction areas are in place. Some new poles have been installed, wire is pulled in some areas and drilling continues. 2/6/07</p> <p>No new work was noted off South Turnpike. 2/6/07</p> <p>New access roads and staging areas have been constructed. 2/6/07</p>	<p>None 2/6/07</p> <p>See erosion control section. Concrete washout areas and dewatering containment should be established as needed. 2/6/07</p> <p>See erosion control section. 2/6/07</p> <p>See access roads section. 2/6/07</p>	<p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Old Farms Rd.</p> <p>Old Farms Rd. (Equipment Storage Area)</p>	<p>adjacent to resource areas along the upgraded access roads. 2/6/07</p> <p>Silt fence is in place and intact on both sides of the access drive and near the stone pads in saturated areas. 2/6/07</p> <p>The equipment storage yard off Old Farms Rd. looks good. Extended silt fence is intact along the access driveway and upgradient of the wetlands located here. 2/6/07</p>	<p>needed. 2/6/07</p> <p>Monitor potential run-off areas and add controls or diversions as needed. 12/18/06-2/6/07</p> <p>Maintain existing controls and add controls as needed. 2/6/07</p>	<p>Needs to be monitored.</p> <p>NA</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<p>Jurisdictional wetlands can be accessed now that ACOE permit is in hand. 2/6/07</p> <p>Small NFJ wetlands or low spots are being accessed for crossing. 2/6/07</p> <p>Wetlands in the proximity of the underground work along Old Farms Rd did not show signs of sedimentation. 2/6/07</p>	<p>Approved work in wetlands will follow the permit guidelines. 2/6/07</p> <p>Mats are in place where appropriate. 12/11/06-2/6/07 Ensure that drainage patterns are monitored.</p> <p>Continue to monitor during roadway work, especially during sawcut slurry production. 2/6/07</p>	<p>NA.</p> <p>NA</p> <p>NA</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 the current work areas. 2/6/07</p>	<p>None 2/6/07</p>	<p>NA</p>
<p>Vegetative clearing or stabilization</p>	<p>Permits are obtained and vegetation clearing will resume shortly; several more weeks of work will be required to complete clearing. 2/6/07</p> <p>Vegetation was preserved in areas where invasive species were not dominant. 2/6/07</p>	<p>Continue to retain appropriate vegetation for stabilization. Continue to monitor areas and mulch/ temporarily stabilize as needed. 2/6/07</p> <p>Retain vegetation where feasible; confirm that cutting is limited only to areas defined in D&M plan. Be extremely</p>	<p>NA</p> <p>NA</p>

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		mindful of the extent of clearing flags. 1/30-2/6/07	
Dewatering	Dewatering was not being performed during the inspection of the underground off Old Farms Rd. this week. When dewatering did occur, water was clear and being released against a haybale and then to a controlled CB 2/6/07	Monitor dewatering activities and add controls as needed. Clean sediment from roadway and controls. Rather than remove controls when ponding is an issue, consider alternatives to dewatering to CB or slow the release rate. 2/6/07	Continue to evaluate and provide regular attention.
Blasting	No blasting is proposed. 2/6/07	None	NA
Spills, soils and material storage	Spill control materials are being brought to sites when work is performed. 2/6/07	Always use spill control materials when working on equipment and during refueling. Replace as needed. 2/6/07	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. 12/11/06-2/6/07	Continue to store equipment away from wetlands when possible. 2/6/07	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. 2/6/07	Monitor controls and adjust as needed. Vehicles should be stored away from wetlands. 2/6/07	NA at this time.
	Portable sanitary facilities are located away from wetlands. 2/6/07	Sanitary facilities and hazardous materials should be stored away from wetlands and CB's. 2/6/07	NA
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. 11/27/06-2/6/07	None. Noted for the record. 2/6/07	NA

**Next likely scheduled
inspection:**

Tuesday February 13, 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, BSC Group

Reviewer:

Diana Walden, BSC Group



View of poles installed and wires pulled off High Hill Road.



View of the staging areas. Temporary stabilization measures (mulch) are added as needed.



Silt fence remains intact along South Turnpike. Continue to monitor the slope for erosion, issues with run-off were not observed at this time.



Silt fence remains intact along the access road adjacent to wetlands within the apple orchard off Mansion Rd.



Silt fence removed at the ROW access off Mansion Rd. No erosion issues noted.



View of completed trench for the underground 115kv work on Old Farms Rd. Sweep up remaining asphalt/pebbles where work is complete. Cold weather appears to exacerbate the asphalt patch "crumbling".



View of Old Farms Rd. equipment storage area entrance.