

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 30, 2007

Inspector: Matthew Creighton

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

Rainfall: No rain was recorded between 1/24–1/30/07 (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. 1/30/07	Check construction entrance and clean/sweep High Hill Road, and Route 68 as needed. 1/30/07	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. 1/30/07	Monitor access road for erosion. 1/30/07	NA
S. Turnpike + Merritt Parkway Area	No sediment tracking was noted on S. Turnpike and erosion issues were not observed. 1/30/07	Continue to monitor the entrance and sweep as needed. Also, continue to monitor the slope for additional wash-outs or run-off issues. 1/30/07	NA
Mansion Rd	No sediment tracking noted on Mansion Rd. 1/30/07	Continue to monitor and sweep entrance as needed. 1/30/07	NA.
Mansion Rd. Apple Orchard	The existing cart paths continue to be upgraded and extended for access to the east through an apple orchard to reach several staging areas/construction pads. 1/30/07	Add controls as needed as access road construction continues. 1/30/07	NA

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<p>Old Farms Road</p>	<p>Plywood is being used to reduce impact to the driveways crossing the ROW from equipment crossing. Two driveways have some minor marks from equipment 12/27/06-1/30/07</p> <p>Access road construction is complete. Some turbid run-off continues to be noted from a low spot that was filled during construction. Run-off typically extends to the roadway but is frozen at this time. 1/30/07</p> <p>During/after larger rain events, clear 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 will likely cause icy conditions in cold weather. 1/23-1/30/07</p>	<p>Continue to monitor for sediment on roadway and driveways; continue to use rubber mats or plywood to protect driveways. 12/27/06-1/30/07</p> <p>Monitor run-off and hydrology in the area and add controls as needed. 12/18/06-1/30/07 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>A street sweeper is scheduled to clean the roadway every Friday.</p> <p>Needs to be monitored</p> <p>Needs evaluation</p>
<p>Old Farms Rd. (115kV Underground trench-work)</p>	<p>Most CBs are well controlled with liners and gutter buddies (filter socks). Some saw cutting slurry and accumulated sediment remains on the roadway but adjacent wetlands still appear free of sedimentation. 1/30/07</p>	<p>Maintain controls for CBs as the underground work approaches. Clear sediment from the controls or replace them instead of removing them. Rather than remove controls when ponding is an issue, consider alternatives to dewatering to CB or slow the release rate. 1/30/07</p>	<p>A street sweeper is scheduled to clean the roadway every Friday.</p> <p>Needs regular attention.</p>
<p>Foundation and site construction High Hill Rd.</p>	<p>A number of graded construction pads are in place. Drilling and pole construction is now underway. 1/30/07</p>	<p>See erosion control section. Concrete washout areas and dewatering containment should be established as needed. 1/30/07</p>	<p>NA</p>
<p>S. Turnpike + Merritt Parkway Area</p>	<p>No new work was noted off South Turnpike. 1/30/07</p>	<p>See erosion control section. 1/30/07</p>	<p>NA</p>

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<p>Mansion Rd. Apple Orchard</p> <p>Old Fams Rd.</p>	<p>New access roads and staging areas are under construction. 1/30/07</p> <p>Construction will continue moving south. 1/30/07</p> <p>Saw cutting pavement and underground work is ongoing and will continue over the next few weeks. 1/30/07</p>	<p>See access roads section. 1/30/07</p> <p>See erosion control section. 1/30/07</p> <p>See access road section. 1/30/07</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>S. Turnpike + Merritt Parkway Area</p> <p>Mansion Rd.</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. 1/30/07</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. 1/30/07</p> <p>Silt fence and silt liners at CB near Stony Brook Rd. entrance appear secure. 1/30/07</p> <p>Much of the appropriate vegetation and woody debris off Stony Brook Road was preserved to prevent erosion. 1/30/07</p> <p>The slope did not have any new erosion issues. The silt fence along the base of slope remains intact. 1/30/07</p> <p>An existing riprap slope and culvert are present near the entrance from the road. Controls here remain intact. 1/30/07</p>	<p>Inspect and maintain silt fence/haybales as needed. Monitor area for sediment run-off. 1/30/07</p> <p>Monitor for erosion and run-off issues and add controls as needed. 1/30/07</p> <p>Maintain as needed. 1/30/07</p> <p>Continue to make efforts to retain vegetation for erosion control when clearing resumes. 1/30/07</p> <p>Monitor access road slope for future washout or erosion issues, add controls/diversions if needed. 1/30/07</p> <p>Continue to monitor and place controls in this area if traffic increases and adjacent soil becomes disturbed. 1/30/07</p>	<p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p>

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<p>Mansion Rd. Apple Orchard</p> <p>Old Farms Rd.</p> <p>Old Farms Rd. (Equipment Storage Area)</p>	<p>remain intact. 1/30/07</p> <p>Silt fence is being installed as needed adjacent to resource areas along the upgraded access roads. 1/30/07</p> <p>Silt fence is in place and intact on both sides of the access drive and near the stone pads in saturated areas. 1/30/07</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. 1/30/07</p>	<p>disturbed. 1/30/07</p> <p>Continue to add and monitor controls as needed. 1/23/07</p> <p>Monitor potential run-off areas and add controls or diversions as needed. 1/23-1/30/07</p> <p>Maintain existing controls and add controls as needed. 1/30/07</p>	<p>NA</p> <p>Needs to be monitored. Silt fence fixed.</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. 1/30/07</p> <p>Small NFJ wetlands or low spots are being accessed for crossing. 1/30/07</p> <p>Wetlands in the proximity of the underground work along Old Farms Rd did not show signs of sedimentation. 1/30/07</p>	<p>Approved work in wetland will follow the permit guidelines. 1/30/07</p> <p>Mats are in place where appropriate. 12/11/06-1/30/07 Ensure that drainage patterns are monitored.</p> <p>Continue to monitor during roadway work, especially during sawcut slurry production. 1/30/07</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. 1/30/07</p>	<p>None 1/30/07</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 1/30/07</p> <p>Vegetation was preserved</p>	<p>Continue to retain appropriate vegetation for stabilization. Continue to monitor areas and mulch/ temporarily stabilize as needed. 1/30/07</p> <p>Retain vegetation where</p>	<p>NA</p> <p>NA</p>

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	in areas where invasive species were not dominant. 1/30/07	feasible; confirm that cutting is limited only to areas defined in D&M plan. Be extremely mindful of the extent of clearing flags. 1/30/07	
Dewatering	Dewatering was not being performed during the inspection of the underground off Old Farms Rd. this week. When dewatering does occur, water was clear and being released against a haybale and then to a controlled CB. 1/30/07	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. 1/30/07	Road is scheduled to be swept each Friday. Continue to evaluate
Blasting	No blasting is proposed. 1/30/07	None	NA
Spills, soils and material storage	Spill control materials are being brought to sites when work is performed. 1/30/07	Always use spill control materials when working on equipment and during refueling. Replace as needed. 1/30/07	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. 12/11/06-1/30/07	Continue to store equipment away from wetlands when possible 1/30/07	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 1/30/07	Monitor controls and adjust as needed. Vehicles should be stored away from wetlands. 1/30/07	NA at this time
	Portable sanitary facilities are located away from wetlands/CBs. 1/30/07	Sanitary facilities and hazardous materials should be stored away from wetlands and CB's. 1/30/07	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	None. Noted for the record. 1/30/07	NA



View of pole installation and wire pulling off High Hill Road.



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



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



View of the upgraded access road within the apple orchard off Mansion Rd.



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



View of completed trench for the underground 115kv work on Old Farms Rd. Sweep up remaining asphalt/pebbles/sediment where work is complete.



View of active trenching for the underground work along Old Farms Rd.