

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: September 7, 2006

Inspector: Matthew Creighton

Location: Segment 2a- Beseck Switching Station to Cheshire/Handen Town Line

Rainfall: 0.74" of rain between 9/1-9/6, with 0.44" on 9/3, as reported at Meriden CT (NOAA)

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways			
High Hill Rd. to Rt 68	Most equipment traffic is using the entrance off High Hill Road. No sediment tracking was noted; catch basin (CB) here has controls. 9/7/06	Check construction entrance and clean/sweep High Hill Road, Carpenter Lane and Route 68 as needed. 9/7/06	NA
Williams Rd. to East Center St.	Traffic is using a temporary, cleared entrance off Stony Brook Rd. Some sediment tracking was noted on the roadway. 9/7/06	An existing road will be rebuilt when wetland permits are obtained and this area will be allowed to revegetate. Continue to monitor the entrance and sweep as needed. 9/7/06	NA
S. Turnpike + Merritt Parkway Area	No sediment tracking on S. Turnpike. 9/7/06	Continue to monitor the entrances and sweep as needed 9/7/06	NA
Mansion Rd	Some sediment has built up/tracked on Mansion Rd. at the construction access. 9/7/06	Clean/sweep roadway and install silt liners in catch basins down gradient of construction access point. 9/7/06	Needs attention.
Foundation and site construction	Only right-of-way (ROW) clearing is underway in two active sections. 9/7/06	None 9/7/06	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Erosion and sediment controls</p> <p>High Hill Rd. to Rt 68</p>	<p>Silt fence and haybales are in place at the wetland near High Hill Rd entrance. Logs protect the controls. 9/7/06</p> <p>Silt fence was extended north to cover a new area of disturbance. 9/7/06</p> <p>The fairly steep, exposed hill on site had water bars installed along the skidder path and was scheduled to be seeded later that day. 9/7/06</p> <p>CB at Route 68 has haybales installed 9/7/06</p> <p>Dust control is needed for all sites as disturbed soil is present due to tree skidding and removal. 8/24-9/7/06</p>	<p>Inspect and maintain silt fence/haybales as needed. 9/7/06</p> <p>Maintain silt fence as needed. 9/7/06</p> <p>Seed slope and continue to watch for erosion. 9/7/06</p> <p>Maintain as needed. 9/7/06</p> <p>Water high traffic areas regularly and stabilize disturbed areas that will be left for more than 14 days. Retain as much vegetation as possible. 8/24-9/7/06</p>	<p>Second layer of silt fence added for increased protection.</p> <p>Silt fence was extended.</p> <p>Water bars added, slope needs attention.</p> <p>NA</p> <p>Needs attention.</p>
<p>Williams Rd to East Center St.</p>	<p>Silt fence and silt liners installed at CB near Stony Brook Rd. entrance look good. 9/7/06</p> <p>Much of the appropriate vegetation and woody debris remains off Stony Brook Rd to prevent erosion. 9/7/06</p>	<p>Maintain as needed.</p> <p>Continue to make efforts to retain vegetation for erosion control. 9/7/06</p>	<p>NA</p> <p>NA</p>
<p>S. Turnpike + Merritt Parkway Area</p>	<p>Steep slope was seeded for stabilization. 9/7/06</p> <p>100-foot buffer to wetland in this area was left undisturbed. 9/7/06</p> <p>An existing riprap slope and culvert is present near the entrance from</p>	<p>Monitor slope until seed germination and stabilization. 9/7/06</p> <p>Maintain and monitor buffer zone 9/7/09</p> <p>Continue to monitor and place controls in this area if traffic increases and</p>	<p>Slope was seeded.</p> <p>NA at this time.</p> <p>NA at this time.</p>

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Mansion Rd.	<p>the road. No sedimentation was noted. 9/7/06</p> <p>Some sediment tracking was noted on Mansion Rd. 9/7/06</p> <p>Existing riprap swales and culverts are present near the entrance from the road. No sedimentation was noted. 9/7/06</p>	<p>adjacent soil becomes disturbed. 9/7/06</p> <p>Consider placing stone construction entrance pads for trucks and sweep as needed. 9/7/06</p> <p>Continue to monitor and place haybales/controls in this area if traffic increases and as adjacent soil becomes disturbed. 9/7/06</p>	<p>Needs attention when feasible.</p> <p>NA at this time.</p>
Inland Wetland and Watercourse encroachment and mitigation	<p>Jurisdictional wetlands will not be accessed until the Army Corps permit is in hand. 8/24-9/7/06</p> <p>Wetlands were flagged at the 100' buffer prior to work starting in each area. These buffers have been retained. 9/7/06</p>	<p>Continue to monitor wetlands and erosion controls. 9/7/06</p> <p>Continue to maintain buffer zone until ACOE permits allow access. 9/7/06</p>	<p>NA</p> <p>Buffer zones are established and retained.</p>
State species of concern, threatened and endangered species.	<p>According to the D&M plan, state-listed species are not immediately located in the current work area. 9/7/06</p>	<p>None 9/7/06</p>	<p>NA</p>
Vegetative clearing or stabilization	<p>Vegetative clearing is ongoing along sections of the ROW and will continue for several weeks. 9/7/06</p> <p>Some erosion prone areas (i.e. steep slopes) have been seeded for stabilization. 9/7/06</p> <p>As per the D&M plan, vegetation removal is occurring in upland work, access, and associated assembly areas. 8/24-9/7/06</p> <p>Vegetation was preserved in some areas where invasive species were not dominant. 9/7/06</p>	<p>None 9/7/06</p> <p>Continue to monitor areas and seed as needed. 9/7/06</p> <p>Retain ground cover wherever feasible to reduce disturbance. Confirm that cutting is limited only to defined work and assembly areas and vegetation is being retained whenever possible. 8/24-9/7/06</p>	<p>NA</p> <p>Water bars installed and areas were being seeded.</p> <p>Less vegetative disturbance was noted in the new section</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Dewatering	Dewatering is not being performed at this time. 9/7/06	None	NA
Blasting	No blasting is proposed at this time. 9/7/06	None	NA
Spills, soils and material storage	Cleared trees and shrubs are being stockpiled and chipped on site. 8/24-9/7/06	Continue to keep all stockpiles set back from wetlands. 8/24-9/7/06	NA
	Spill control materials are being brought to sites. 9/7/06	Always use spill control materials when working on equipment and during refueling. Replace as needed. Also, park all machinery away from the wetlands. 8/24-9/7/06	NA
Williams Rd. to E. Center St.	The hydraulic fluid spill (less than 1 gallon) from last week in the Stony Brook Rd. section has been cleaned. 9/7/06	None. 9/7/06	Area has been cleaned.
Mansion Rd.	Less than 1 gallon of hydraulic fluid spilled when a hose broke on the Mansion Rd. section. Spill controls were used to contain most of the spill. Some fluid still remained to be removed. Spill was reported to Burns and McDonnell. 9/7/06	Continue to clean up any affected areas. Continue to use and restock spill kits as needed.	Spill kit used to absorb most of the spill. Remaining area should be cleaned.
Additional Observations	NA	NA	NA

Next likely scheduled inspection: Wednesday September 13, 2006

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, Stephen Herzog



Entrance off High Hill Rd. Wood chips were placed to stabilize.



Erosion and sediment controls adjacent to the southern wetland at High Hill Rd.



Water bars added between High Hill Rd. and Rt. 68.



Silt fence and silt liner at catch basin inlet off Stony Brook Rd.



Sweep sediment from the construction entrance off Stony Brook Rd. Continue to watch this area for tracking



Right-of-way cleared, with vegetation left for erosion control, and 100' buffer maintained off South Turnpike.



Recently seeded slope looking north over South Turnpike.



Hydraulic fluid spill (visible spots on woody stems) off Mansion Rd.