

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: December 18, 2006

Inspector: Matthew Creighton

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

Rainfall: Total of 0.19” rain between 12/12–12/18 with 0.18” on 12/13 (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 | All equipment traffic is using the entrance off High Hill Road. Roadway is being swept as needed; catch basin (CB) here has controls. Timber mats are in place in a non-federally jurisdictional (NFJ) wetland crossing as the access road from High Hill Rd. to Rte 68 is complete. 12/18/06 | Check construction entrance and clean/sweep High Hill Road, Carpenter Lane, and Route 68 as needed. 12/18/06 | 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. 12/18/06 | Monitor access road for erosion. 12/18/06 | Not applicable (NA) |
| S. Turnpike + Merritt Parkway Area | No sediment tracking noted on S. Turnpike. New access road is complete. Washouts/gullies along the access road slope were graded with installation of new road. 12/18/06 | Continue to monitor the entrance and sweep as needed. Also, continue to monitor the slope for additional wash-out or run-off issues. Stormwater diversions may be needed. 12/18/06 | Gullies were repaired. |
| Mansion Rd | No sediment tracking noted on Mansion Rd. Some sediment build-up | Continue to monitor and sweep entrance as needed. Sediment should | Needs attention when feasible. |

| Areas of Inspection | Observation | Recommended Action | Corrected Action |
|--|--|---|--|
| <p>Old Farm Road</p> | <p>was noted at the entrance to Mansion Rd. This sediment is accumulating at and around the haybales and is migrating towards the roadway. 11/27-12/18/06</p> <p>Old Farm Rd. and driveways on the ROW continue to be swept as needed. Plywood is being used to reduce impact to the driveways from equipment crossing. Two driveways have some minor marks from equipment 12/18/06</p> <p>Access road construction is now complete. Some minor run-off was noted from the filled portion of the small, NFJ wetland. 12/18/06</p> | <p>be removed before it reaches the roadway 11/27-12/18/06</p> <p>Continue to monitor for sediment on roadway and driveways; continue to use rubber mats or plywood to protect driveways. 12/18/06</p> <p>Monitor wetland run-off and controls as needed. 12/18/06</p> | <p>Roadway was swept. Plywood is used to protect driveways from equipment damage (proactively)</p> <p>NA</p> |
| <p>Foundation and site construction</p> <p>High Hill Rd.</p> <p>S. Turnpike + Merritt Parkway Area</p> <p>Old Farm Rd.</p> | <p>Limited work (temporary pole installation and access road construction) is occurring at this time but drilling is scheduled to start soon. 12/18/06</p> <p>Access road construction is complete off High Hill Rd. to Rte. 68. Four new staging areas were graded. 12/18/06</p> <p>Access road construction is complete off S. Turnpike. 12/18/06</p> <p>Access road construction had occurred off Old Farm Rd.; construction is moving south. 12/18/06</p> | <p>None 12/18/06</p> <p>See erosion control section. 12/18/06</p> <p>See erosion control section. 12/18/06</p> <p>See erosion control section. 12/18/06</p> | <p>NA.</p> <p>NA</p> <p>NA</p> <p>NA</p> |

| 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. Haybales have started to degrade but two layers of silt fence are secure. 12/18/06</p> <p>Mats and controls are in place at the wetland crossing. 12/18/06</p> <p>The graded staging areas along the steep slope have been protected. Mulch and silt fence were installed to help prevent erosion. 12/18/06</p> <p>CB protection installed on High Hill Rd. 12/18/06</p> | <p>Inspect and maintain silt fence/haybales as needed. Monitor area for sediment run-off. 12/18/06</p> <p>Monitor for erosion and add controls as needed. 12/18/06</p> <p>Temporary stabilization (mulch) and silt fence have been placed on the slopes. Evaluate potential safety issues. 12/18/06</p> <p>Monitor and maintain as needed. 12/18/06</p> | <p>NA</p> <p>NA</p> <p>Mulch and silt fence added to prevent erosion.</p> <p>CB controls added.</p> |
| <p>Williams Rd to East Center St.</p> | <p>Silt fence and silt liners at CB near Stony Brook Rd. entrance appear secure. 12/18/06</p> <p>Much of the appropriate vegetation and woody debris off Stony Brook Road was preserved to prevent erosion. 12/18/06</p> | <p>Maintain as needed. 12/18/06</p> <p>Continue to make efforts to retain vegetation for erosion control when clearing resumes. 12/18/06</p> | <p>NA</p> <p>NA</p> |
| <p>S. Turnpike + Merritt Parkway Area</p> | <p>New access road has been installed and washouts/gullies have been repaired. Silt fence was installed above riprap slope and culvert. 12/18/06</p> | <p>Monitor new access road and erosion controls, add controls if needed. 12/18/06</p> | <p>Gullies repaired, silt fence installed.</p> |
| <p>Mansion Rd.</p> | <p>An existing riprap slope and culvert are present near the entrance from the road. 12/18/06</p> <p>Haybales installed at</p> | <p>Continue to monitor and place controls in this area if traffic increases and adjacent soil becomes disturbed. 12/18/06</p> <p>Continue to monitor area</p> | <p>NA</p> <p>Needs attention when</p> |

| Areas of Inspection | Observation | Recommended Action | Corrected Action |
|--|---|--|---------------------------------|
| <p>Old Farm Rd.</p> | <p>downgradient edge of the ROW entrance look secure, however sediment from run-off has accumulated at the haybales and is starting to migrate around them. 11/27-12/18/06</p> | <p>and remove sediment. 11/27-12/18/06</p> | <p>feasible.</p> |
| | <p>Some displaced run-off from the small NFJ wetland finger is flowing along the driveway toward Old Farm Rd. Sedimentation is not an issue at this time. 12/18/06</p> | <p>Monitor potential run-off areas and add controls or diversions as needed. 12/18/06</p> | <p>NA at this time.</p> |
| | <p>Silt fence installed above the NFJ wetland on both sides of the access drive. 12/18/06</p> | <p>Monitor controls and maintain as needed. 12/18/06</p> | <p>Silt fence added.</p> |
| <p>Inland Wetland and Watercourse encroachment and mitigation</p> | <p>Jurisdictional wetlands will not be accessed until the ACOE permit is in hand. 8/24-12/18/06</p> | <p>Continue to monitor wetlands and erosion controls. 12/18/06</p> | <p>NA</p> |
| | <p>100' limits were flagged for wetlands prior to starting work in each area. 12/18/06</p> | <p>Continue to retain these "buffers" as feasible prior to receiving the ACOE permit. Refueling and storage should also be avoided here. 12/18/06</p> | <p>NA.</p> |
| | <p>Small NFJ wetlands are being accessed for crossing. 12/18/06</p> | <p>Mats are in place where appropriate. 12/11-12/18/06</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. 12/18/06</p> | <p>None 12/18/06</p> | <p>NA</p> |
| <p>Vegetative clearing or stabilization</p> | <p>Vegetation clearing is presently on hold awaiting permits; several more weeks of work will be required to complete clearing. 12/18/06</p> | <p>Continue to retain appropriate vegetation for stabilization. Continue to monitor areas and mulch/ temporarily stabilize as needed. 12/18/06</p> | <p>NA</p> |
| | <p>Vegetation was preserved in areas where invasive species were not</p> | <p>Retain vegetation where feasible; confirm that cutting is limited only to</p> | <p>NA</p> |

| Areas of Inspection | Observation | Recommended Action | Corrected Action |
|---|--|---|-------------------------|
| | dominant. 12/18/06 | areas defined in D&M plan. 12/18/06 | |
| Dewatering | Dewatering is not being performed at this time. 12/18/06 | None | NA |
| Blasting | No blasting is proposed at this time. 12/18/06 | None | NA |
| Spills, soils and material storage | Spill control materials are being brought to sites when work is performed. 12/18/06 | Always use spill control materials when working on equipment and during refueling. Replace as needed. 12/18/06 | 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. 12/11-12/18/06 | Continue to store equipment away from wetlands when possible. 12/18/06 | NA |
| Old Farm Rd. | Some project related debris (cardboard rolls) noted along ROW. 12/18/06 | Keep project sites clean and perform “good housekeeping”. 12/18/06 | NA. |
| Additional Observations | Muddy River off High Hill Rd. is clean and clear of sediment. 12/18/06 | Continue to monitor receiving wetlands at Beseck and within the ROW. 12/18/06 | NA |
| | Some non-project jurisdictional debris dumping was noted at a few access points, including off Stony Brook Rd. 11/27-12/18/06 | None. Noted for the record. 12/18/06 | NA |

Next likely scheduled inspection: Tuesday December 26, 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



New access road, mats, and erosion controls off High Hill Rd at a non-jurisdictional wetland crossing



New staging areas prepared for pole construction. Temporary stabilization measures were added.



ROW off Stony Brook Rd. Non-project related debris has been dumped in this area.



Eroded gullies/washouts were repaired; the new access road and silt fence were installed off South Turnpike. Continue to monitor this slope for run-off issues.



Sediment accumulation should be removed from the haybales at the ROW entrance off Mansion Rd.



Continue to monitor run-off seeping from non-federally jurisdictional wetland crossing off Old Farm Rd.



Silt fence installed upgradient from the non-federally jurisdictional wetland finger off Old Farm Rd.



Plywood installed to protect driveways from equipment crossing on the ROW off Old Farm Rd. Minimal sediment tracking was noted.