

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 2b Inspection

Date: May 22, 2008

Inspector: Matt Kelly

Location: Segment 2b – Cheshire/Hamden Town Line to East Devon Substation

Rainfall: 0.44” of precipitation were recorded since the last inspection with 0.26” of the total recorded on 5/20. (NOAA data at New Haven, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways	Clearing and access road construction appear to be complete in these sections at this time. 5/22/08	Continue to monitor active work areas and add controls as necessary. See EC section. 5/22/08	Not Applicable (NA)
Milford, CT, Orange CT, Woodbridge CT, Bethany CT, and Hamden CT	Stone pads remain in place at all entrances to access roads. New stone is being added to pads as necessary. 5/22/08	Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 5/22/08	Active areas need regular attention
All access roads	Mats remain at the wetland crossings in these sections. 5/22/08	Continue to monitor. 5/22/08	NA
Milford, CT	No sediment tracking was observed in these sections this week, but sediment has accumulated near the catch basin on Bic Dr. The contractor has stated that catch basin protection has not been provided in this area due to flooding concerns. <i>Note: Sedimentation from non-project related activity has also been observed in this area.</i> 5/22/08	Continue to monitor and sweep roadway as necessary. If sediment tracking continues, catch basin protection should be provided. 5/22/08	Sediment tracking/accumulation needs regular attention
Caswell St/Bic Dr			

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Woodbridge, CT Pease Rd</p> <p>Hamden, CT Old Ln</p>	<p>The contractor has stated that catch basin protection has not been provided in this area due to flooding concerns. No tracking was observed this week. 5/22/08</p> <p>Curb inlet protection has not been provided in this area. 5/22/08</p>	<p>Continue to monitor. Sweep roadway as necessary. 5/22/08</p> <p>Continue to monitor. Provide and maintain inlet protection. 5/22/08</p>	<p>NA</p> <p>Needs attention</p>
<p>Foundation and site construction All sections</p>	<p>H- frame structure and lattice tower removal appears to be complete at this time. 5/22/08</p> <p>115-kV foundation work appears to be complete within the ROW at this time. Restoration efforts continue. 5/22/08</p> <p>345-kV foundation work and structure installation appears to be complete within the ROW at this time. Wire pulling and grounding activities continue. 5/22/08</p>	<p>Continue to monitor. 5/22/08</p> <p>Continue to monitor. See EC Section. 5/22/08</p> <p>Continue to monitor. See EC Section. 5/22/08</p>	<p>NA</p> <p>NA</p> <p>NA</p>
<p>Erosion and sediment controls</p> <p>Milford, CT Naugatuck Ave</p> <p>Plains Rd</p>	<p>Roots have been retained in most cleared areas to maintain some soil stability. Crews have made good efforts to temporarily stabilize most disturbed areas with hay mulch. Timber mats and erosion controls are in place in and adjacent to wetland areas. 5/22/08</p> <p>Silt fence is in need of repair near structure #3804. 5/22/08</p> <p>Exposed soils and an erosive gully remain within the drainage swale</p>	<p>None at this time. Continue to utilize the appropriate erosion control measures and stabilize disturbed soils as necessary. 5/22/08</p> <p>Maintain/add controls as necessary. 5/22/08</p> <p>Fill gully with an appropriate material and stabilize exposed soils.</p>	<p>NA</p> <p>Needs attention when feasible</p> <p>Erosive gully needs attention when feasible</p>

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Wheeler's Farm Rd	located to the south of the substation. 2/1-5/22/08. An erosive gully was observed near structure #3832. Additional haybale controls have been installed to help control stormwater, but silt fence controls are nearing capacity. Some sediment has migrated around/under the controls and off the ROW. 5/22/08	5/22/08 Continue to monitor and add/maintain controls as necessary until stabilization is achieved. 5/22/08	Needs evaluation/attention
Eisenhower Park	Excess sediment from foundation drilling was observed on wetland timber mats in this section. 1/24-5/22/08	Remove excess sediment from timber mat pads and add controls as necessary. See Wetland Section. 5/22/08	Needs attention when feasible
Orange, CT Russell Ave	A trench was installed along the access road here in an effort to control stormwater runoff. 5/22/08	Continue to monitor. 5/22/08	NA
Rimmon Rd	Silt fence controls remain functional and stormwater is no longer flowing across the access road at this time. 5/22/08	Continue to monitor. 5/22/08	Controls continue to function
Lambert Rd	Grading/pad reclamation continues near structure #3863 in order to decrease the slope on the southern side of the crane pad. Exposed soils appear stable. 5/22/08	Continue to monitor. 5/22/08	NA
Dogwood Rd	Silt fence is in need of repair near structure #24067. 3/12-5/22/08	Repair/add controls as necessary. 5/22/08	Needs attention when feasible
Dogburn Rd	Access road controls are still in need of repair and waterbars are no longer functional near structure #24077. 4/11-5/22/08	Repair/add controls as necessary. 5/22/08	Needs evaluation/attention

Areas of Inspection	Observation	Recommended Action	Corrected Action
Route 34	Spoils remain within the ROW off Rt. 34. Piles appear to be contained in the upland portions of the ROW. 5/22/08	Remove spoil piles when feasible. 5/22/08	Needs attention when feasible
Woodbridge, CT Clearview Ln	Stormwater is flowing over the access road and into the adjacent wetland. 4/11-5/22/08	Add/maintain controls as necessary. See Wetlands Section. 5/22/08	Needs attention when feasible
Glen Dam	The access road remains stable and associated controls continue to function. Silt fence remains in tact. 5/22/08	Continue to monitor and adjust controls as necessary. 5/22/08	Controls continue to function
Bethany & Hamden, CT	Spoils remain on the ROW off Litchfield Tpk, Hatfield Rd, Downs to Gaylord Mtn Rd, Tom Swamp, & Brooksvale Ave. 5/22/08	Remove spoil piles when feasible. 5/22/08	Remaining spoil piles Need attention when feasible
Bethany, CT Litchfield Tpk	Access road controls remain intact, but sediment from the road continues to accumulate on some of the wetland crossings in this section. 5/22/08	Continue to monitor and add/maintain controls to prevent sediment migration to the wetlands. 5/22/08	Needs evaluation/ attention
	Stormwater controls have been installed at the base of structure #24148. 5/22/08	Continue to monitor and maintain as necessary. 5/22/08	NA
Downs Road	Access road controls remain functional. 5/22/08	Continue to monitor and maintain as necessary. 5/22/08	NA
Hamden, CT West Todd Street/ Gaylord Mountain	A small swale was installed along the ROW perimeter and the access road in an attempt to help control/divert stormwater runoff. Exposed soils have been stabilized with mulch. 5/22/08	Monitor during large rain events and continue to add/maintain controls as necessary. Continue to monitor until final stabilization is achieved. 5/22/08	Needs additional monitoring

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Milford, CT Naugatuck Ave, Rt 121 and Oronoque Rd</p> <p>West River Street, Eisenhower Park, and North St</p> <p>East Rutland Road (western access point)</p>	<p>24103, 24104, 24110, 24119(2), 24146, 24166, & 24179. 5/22/08</p> <p>Timber mat crane pads remain adjacent to/in wetlands in these sections. 5/22/08</p> <p>A stone access road remains within the wetland accessed from West River Street. Timber mat crane pads remain within the wetland areas in these sections. 5/22/08</p> <p>Excess sediment from foundation drilling was observed on wetland timber mats in the ROW within Eisenhower Park. 5/22/08</p> <p>A stone access road remains at the wetland crossing off East Rutland. An existing stone culvert was already in place here. 5/22/08</p>	<p>Continue to monitor and add controls as necessary. 5/22/08</p> <p>Continue to monitor and add controls as necessary. 5/22/08</p> <p>Evaluate sediment accumulation within the wetland when mats are removed. Carefully remove sediment during the dry season if it is found to be greater than 2" in depth. See EC Section. 5/22/08</p> <p>Continue to monitor. Install controls as necessary. 5/22/08</p>	<p>NA at this time</p> <p>NA at this time</p> <p>Needs attention when feasible</p> <p>NA at this time.</p>
<p>Orange, CT Sunset Drive, Pine Tree Rd (east), Treat Lane, Lambert Rd, Russell Ave, Hunting hill Road, Racebrook Rd, and Route 34</p>	<p>Timber mat crane pads/crossings remain at the wetland areas here. Stone wetland crossings are in place at Lambert Rd and Treat Lane. 5/22/08</p>	<p>Continue to monitor. 5/22/08</p>	<p>NA at this time</p>
<p>Woodbridge, CT Clearview Lane</p>	<p>Stone access roads and timber mat crossings remain in the wetland areas here. 5/22/08</p> <p>Turbid water was observed in the wetland</p>	<p>Continue to monitor. 5/22/08</p> <p>Evaluate sediment accumulation within the</p>	<p>NA at this time</p> <p>Needs evaluation</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
JCC/B’Nai Jacob	<p>here 4/11. No further accumulation has been observed. 5/22/08</p> <p>The access road to structures #3899/24086 is impeding water flow from the eastern portion of the wetland to the western portion. 5/22/08</p> <p>The wetland areas near the JCC and B’Nai Jacob have been cleared as a result of the permitted re-location of the ROW. Stone access roads remain in portions of the wetlands in these sections. 5/22/08</p>	<p>wetland. See EC Section. 5/22/08</p> <p>Evaluate options (i.e. re-grade access road or install culvert) to allow water to flow to the western portion of the wetland. 5/22/08</p> <p>Continue to monitor. Adjust controls as necessary. 5/22/08</p>	<p>Needs evaluation</p> <p>NA at this time</p>
Rimmon Rd/B’Nai	<p>Sediment remains in the wetland near structure #3922. No further accumulation has been noted and accumulation within the wetland appears to be less than 2”. 5/22/08</p>	<p>None at this time. 5/22/08</p>	<p>No further accumulation has been noted and accumulation within the wetland appears to be less than 2</p>
Rimmon Rd (south)	<p>Vegetative growth has been observed where the timber mats were removed, but exposed soils remain along the stream bank near structure #24105. 5/22/08</p>	<p>Continue to monitor until stabilization is achieved. 5/22/08</p>	<p>The timber mat crossing has been removed from the stream near structure #24105</p>
Oak Lane CC, Cow Path Lane, Salem Rd, Rimmon Rd, Brookwood Dr, Center Rd, Ansonia Rd, Manville Rd and Clear Ln to Rte 15	<p>Timber mat crane pads remain within the wetlands in these sections. 5/22/08</p>	<p>Continue to monitor. 5/22/08</p>	<p>NA at this time</p>
Bethany, CT Morris to Hatfield	<p>A stone access road and timber mats are in place in the wetland areas in this section. 5/22/08</p>	<p>Continue to monitor. 5/22/08</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Litchfield Turnpike	Excess sediment has accumulated on the timber mat crossings within the access road here. Sediment has seeped through the mats and into wetlands #116 (between structures #3964 and #3965), #115 (between structures #3965 and #3966) and #114 (between structure #3966 and #3967). 5/22/08	Carefully remove sediment from wetland areas when timber mats are removed. See EC Section. 5/22/08	Needs evaluation/attention
Hamden,CT West Todd St, Tom Swamp/Arrow Rd, Willow Street, Brooksvale Ave, and Old Lane Rd	Temporary stone access roads and timber mats remain in some of the wetland areas in these sections. 5/22/08	Continue to monitor. 5/22/08	NA at this time
Gaylord Mtn. Rd. (North)	Sediment remains in the wetland area located to the southwest of structure #3992. 12/20/07-No further accumulation has been observed. 5/22/08	Evaluate sediment accumulation within the wetland. Carefully remove sediment from wetland if it is greater than 2” in depth. 5/22/08	Needs evaluation/attention when feasible
	A spoil pile and tire ruts remain in the wetland area near structure #24179. 4/25-5/22/08	Remove spoils and grade/stabilize ruts. 5/22/08	Needs attention
Brooksvale Ave	Sediment had seeped through the mats and into wetland #100. 5/22/08	Carefully remove sediment from wetland areas if it exceeds 2” in depth when timber mats are removed. 5/22/08	Needs evaluation/attention
Whitney Ave	Sediment remains in the wetland near structure # 24195. 5/22/08	Carefully remove sediment from wetland areas if it exceeds 2” in depth. 5/22/08	Needs evaluation
115-kV underground transmission line Old Lane Road	Sediment accumulation was evaluated in a portion of the wetland here. Less than 2” of sediment was observed at the catch basin outlet in the wetland	Continue to evaluate sediment accumulation within the adjacent wetland. Carefully remove sediment from the wetland if it is greater than 2’ in	Needs further evaluation

Areas of Inspection	Observation	Recommended Action	Corrected Action
Woodbridge, CT	<p>Oronoque Road, Lexington Way, Wheelers Farm Road, Fresh Meadow Lane, Ridge Road, Pine Tree Drive, Sunset Drive, Russell Ave, Route 34, & Racebrook Road, last week. 5/22/08</p> <p>Construction of the wetland mitigation area in Eisenhower Park appears to be complete at this time (See East Devon Substation Report). Temporary stabilization measures are being removed and final stabilization techniques are being applied. 5/22/08</p> <p>115 kV crane pad reclamation and restoration work appears complete at this time. Disturbed soils are being graded and mulched for temporary stabilization. 5/22/08</p>	<p>Continue to monitor until <i>final stabilization</i> is achieved. 5/22/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 5/22/08</p>	<p>NA</p> <p>Disturbed soils are being graded and mulched for temporary stabilization</p>
Glen Dam	<p>Grass growth was observed near structure #24137.</p>	<p>Continue to monitor until <i>final stabilization</i> is achieved. 5/22/08</p>	<p>Grass growth was observed</p>
Bethany and Hamden, CT	<p>115 kV crane pad reclamation and restoration work appears complete at this time. Disturbed soils are being graded and mulched for temporary stabilization. Vegetation growth has been noted in many areas including Tom Swamp Rd, Brooksvale Ave, & Willow St. 5/22/08</p>	<p>Continue to monitor until <i>final stabilization</i> is achieved. 5/22/08</p>	<p>Disturbed soils are being graded and mulched for temporary stabilization. Grass growth has been noted in many areas</p>
Old Lane Road	<p>The overhead access road has been stabilized with stone. Hydroseed was applied to exposed soils</p>	<p>Continue to monitor until <i>final stabilization</i> is achieved. 5/22/08</p>	<p>NA</p>

**Next likely scheduled
inspection:**

Friday May 30, 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:

Matt Kelly, BSC Group

Reviewer:

Lee Curtis, BSC Group



West River St (Milford): Wetland timber mats remain near structure #24023.



West River St: An additional view of the wetland timber mats near structure #24023.



Russell Ave (Orange): Wetland timber mats remain near structure #24061.



Russell Ave: Wetland timber mats remain within the access road near structure #24061.



Rimmon Rd north (Orange): Silt fence controls remain functional near structure #3922.



Rimmon Rd north: Stormwater is no longer flowing across the access road at this time.



Rimmon Rd south: Vegetation growth has been noted where the timber mat stream crossing has been removed near structure #24105.



Rimmon Rd south: Exposed soils remain along the stream bank near structure #24105.



Glen Dam (Woodbridge): Access road controls (i.e waterbars) remain functional along the slope north of Glen dam.



Glen Dam: The access road here remains stable, and waterbars/ sediment basins continue to function.



Glen Dam: The silt fence remains functional and vegetative growth has been observed near structure #24137.



Glen Dam: An additional view of controls along the slope north of Glen Dam.



Downs Rd (Bethany): Erosion controls remain functional along the access road here.



Downs Rd: An additional view of controls at the entrance of the access road.



Gaylord Mtn Rd (Hamden): Exposed soils remain from grounding activity. Soils appear to be stable.



Willow St (Hamden): A view of restoration efforts near structure #4009.