

**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 16, 2008

**Inspector:** Matt Kelly

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

**Rainfall:** 0.50” of precipitation were recorded since the last inspection with 0.49” of the total recorded on 5/16. (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. 5/16/08	Continue to monitor active work areas and add controls as necessary. See EC section. 5/16/08	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. 5/16/08	Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 5/16/08	Active areas need regular attention
All access roads	Mats remain at the wetland crossings in these sections. 5/16/08	Continue to monitor. 5/16/08	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> 5/16/08	Continue to monitor and sweep roadway as necessary. If sediment tracking continues, catch basin protection should be provided. 5/16/08	Sediment tracking/accumulation needs regular attention
Caswell St/Bic Dr			

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p><b>Woodbridge, CT</b> Pease Rd</p> <p><b>Hamden, CT</b> 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. 5/16/08</p> <p>Curb inlet protection has not been provided in this area. 5/16/08</p>	<p>Continue to monitor. Sweep roadway as necessary. 5/16/08</p> <p>Continue to monitor. Provide and maintain inlet protection. 5/16/08</p>	<p>NA</p> <p>Needs attention</p>
<p>Foundation and site construction <b>All sections</b></p>	<p>H- frame structure and lattice tower removal appears to be complete at this time. 5/16/08</p> <p>115-kV foundation work appears to be complete within the ROW at this time. Restoration efforts continue. 5/16/08</p> <p>345-kV foundation work appears to be complete within the ROW at this time. Structure installation continues in Hamden. Wire pulling and grounding activities continue. 5/16/08</p>	<p>Continue to monitor. 5/16/08</p> <p>Continue to monitor. See EC Section. 5/16/08</p> <p>Continue to monitor. See EC Section. 5/16/08</p>	<p>NA</p> <p>NA</p> <p>NA</p>
<p>Erosion and sediment controls</p> <p><b>Milford, Orange, &amp; Woodbridge, CT</b></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. 5/16/08</p> <p>Spoils remain within the ROW off Rt. 34. Piles appear to be contained in the upland portions of the ROW. 5/16/08</p>	<p>None at this time. Continue to utilize the appropriate erosion control measures and stabilize disturbed soils as necessary. 5/16/08</p> <p>Remove spoil piles when feasible. 5/16/08</p>	<p>NA</p> <p>Needs attention when feasible</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Naugatuck Ave	Silt fence is in need of repair near structure #3804. 5/16/08	Maintain/add controls as necessary. 5/16/08	Needs attention when feasible
Plains Rd	Exposed soils and an erosive gully remain within the drainage swale located to the south of the substation. 2/1-5/16/08.	Fill gully with an appropriate material and stabilize exposed soils. 5/16/08	Erosive gully needs attention when feasible
Wheelers Farm Rd	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. 5/16/08	Continue to monitor and add/maintain controls as necessary. 5/16/08	Needs evaluation/attention
Eisenhower Park	Excess sediment from foundation drilling was observed on wetland timber mats in this section. 1/24-5/16/08	Remove excess sediment from timber mat pads and add controls as necessary. See Wetland Section. 5/16/08	Needs attention when feasible
<b>Orange, CT</b> Russell Ave	A trench was installed along the access road here in an effort to control stormwater runoff. 5/16/08	Continue to monitor. 5/16/08	NA
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. 5/9/08	Continue to monitor. 5/9/08	NA
Dogwood Rd	Silt fence is in need of repair near structure #24067. 3/12-5/16/08	Repair/add controls as necessary. 5/16/08	Needs attention when feasible
Dogburn Rd	Access road controls are still in need of repair and waterbars are no longer functional near structure	Repair/add controls as necessary. 5/9/08	Needs evaluation/attention

Areas of Inspection	Observation	Recommended Action	Corrected Action
Woodbridge, CT Clearview Ln	#24077. 4/11-5/16/08 Stormwater is flowing over the access road and into the adjacent wetland. 4/11-5/16/08	Add/maintain controls as necessary. See Wetlands Section. 5/16/08	Needs attention when feasible
Bethany & Hamden, CT	Spoils remain on the ROW off Litchfield Tpk, Hatfield Rd, Downs to Gaylord Mtn Rd, Tom Swamp, & Brooksvale Ave. 5/16/08	Remove spoil piles when feasible. 5/16/08	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. 5/16/08	Continue to monitor and add/maintain controls to prevent sediment migration to the wetlands. 5/16/08	Needs evaluation/ attention
Hamden, CT	Stormwater controls have been installed at the base of structure #24148. 5/16/08	Continue to monitor and maintain as necessary. 5/16/08	NA
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. 5/16/08	Monitor during large rain events and continue to add/maintain controls as necessary. Continue to monitor until final stabilization is achieved. 5/16/08	Needs additional monitoring
Gaylord Mountain (North)	Sediment is accumulating in the sediment basin near structure #3992. Additional controls/stabilization measures may be necessary. Vegetative growth has been noted within the trench along the access road. 5/16/08	Continue to monitor and maintain controls to prevent further sedimentation to the wetlands. See Wetland Section. 5/16/08	Additional haybales have been added to the sediment basin but <i>further evaluation/attention is needed</i>
	Spoils remain in the wetland near structure #24179. No controls were observed. 4/25-	Remove spoils from the wetland. 5/16/08	Needs attention

Areas of Inspection	Observation	Recommended Action	Corrected Action
Brooksvale Ave	5/16/08 Existing controls continue to function, but additional controls may be necessary. 5/16/08	Continue to monitor and add controls as necessary. 5/16/08	Needs evaluation/attention/
<p>Inland Wetland and Watercourse encroachment and mitigation</p> <p><b>All sections</b></p> <p><b>Milford, CT</b></p> <p>Naugatuck Ave, Rt 121 and Oronoque Rd</p> <p>West River Street, Eisenhower Park, and North St</p>	<p>The ACOE permit is in hand and approved wetland work continues. 5/16/08</p> <p>Foundations for 115-kV structures that have been installed in wetlands (as approved) include: #'s 3836(2), 3837, 3838, 3839, 3843, 3868, 3869, 3870, 3874, 3881, 3899, 3905, 3908, 3912, 3913, 3914, 3915, 3916, 3917, 3918, 3923, 3941, 3947, 3992, 3993, &amp; 4009. 5/16/08</p> <p>Foundations for 345-kV structures that have been installed in wetlands (as approved) include: #'s 24023 (2), 24024, 24025, 24026, 24030, 24042, 24057, 24061, 24067, 24068, 24072 (2), 24090, 24091, 24092R, 24099, 24100, 24101, 24102, 24103, 24104, 24110, 24119(2), 24146, 24166, &amp; 24179. 5/16/08</p> <p>Timber mat crane pads remain adjacent to/in wetlands in these sections. 5/16/08</p> <p>A stone access road remains within the wetland accessed from West River Street. Timber mat crane pads remain within the wetland areas</p>	<p>Follow general guidelines of the permit whenever work in wetlands occurs. 5/16/08</p> <p>Continue to monitor and add controls as necessary. 5/16/08</p> <p>Continue to monitor and add controls as necessary. 5/16/08</p> <p>Continue to monitor and add controls as necessary. 5/16/08</p>	<p>NA</p> <p>NA at this time</p> <p>NA at this time</p> <p>NA at this time</p> <p>NA at this time</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>East Rutland Road (western access point)</p> <p><b>Orange, CT</b></p> <p>Sunset Drive, Pine Tree Rd (east), Treat Lane, Lambert Rd, Russell Ave, Hunting hill Road, Racebrook Rd, and Route 34</p> <p><b>Woodbridge, CT</b></p> <p>Clearview Lane</p> <p>JCC/B’Nai Jacob</p>	<p>in these sections. 5/16/08</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. 5/16/08</p>	<p>Needs attention when feasible</p>
	<p>A stone access road remains at the wetland crossing off East Rutland. An existing stone culvert was already in place here. 5/16/08</p>	<p>Continue to monitor. Install controls as necessary. 5/16/08</p>	<p>NA at this time.</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. 5/16/08</p>	<p>Continue to monitor. 5/16/08</p>	<p>NA at this time</p>
	<p>Stone access roads and timber mat crossings remain in the wetland areas here. 5/16/08</p>	<p>Continue to monitor. 5/16/08</p>	<p>NA at this time</p>
	<p>Turbid water was observed in the wetland here 4/11. No further accumulation has been observed. 5/16/08</p>	<p>Evaluate sediment accumulation within the wetland. See EC Section. 5/16/08</p>	<p>Needs evaluation</p>
	<p>The access road to structures #3899/24086 is impeding water flow from the eastern portion of the wetland to the western portion. 5/16/08</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. 5/16/08</p>	<p>Needs evaluation</p>
	<p>The wetland areas near the JCC and B’Nai Jacob have been cleared as a result of the permitted re-</p>	<p>Continue to monitor. Adjust controls as necessary. 5/16/08</p>	<p>NA at this time</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Rimmon Rd/B’Nai	location of the ROW. Stone access roads remain in portions of the wetlands in these sections. 5/16/08		
Rimmon Rd/B’Nai	Sediment remains in the wetland near structure #3922. 5/16/08	Carefully remove sediment during the dry season if it is greater than 2” in depth. 5/16/08	Needs evaluation/attention
Rimmon Rd (south)	The timber mat crane pad crossing has been removed from the tributary stream near structure #24105. 5/16/08	Continue to monitor. Restore as necessary. 5/16/08	The timber mat crossing has been removed from the stream near structure #24105
Oak Lane CC, Cow Path Lane, Salem Rd, Rimmon Rd, Brookwood Dr, Center Rd, Ansonia Rd, Manville Rd and Clear Ln to Rte 15	Timber mat crane pads remain within the wetlands in these sections. 5/16/08	Continue to monitor. 5/16/08	NA at this time
<b>Bethany, CT</b> Morris to Hatfield	A stone access road and timber mats are in place in the wetland areas in this section. 5/16/08	Continue to monitor. 5/16/08	NA
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). 5/16/08	Carefully remove sediment from wetland areas when timber mats are removed. See EC Section. 5/16/08	Needs evaluation/attention
<b>Hamden, CT</b> 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. 5/16/08	Continue to monitor. 5/16/08	NA at this time

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Gaylord Mtn. Rd. (North)</p> <p>Brooksvale Ave</p> <p>Whitney Ave</p> <p>115-kV underground transmission line Old Lane Road</p>	<p>Sediment remains in the wetland area located to the southwest of structure #3992. 12/20/07-No further accumulation has been observed. 5/16/08</p> <p>A spoil pile and tire ruts remain in the wetland area near structure #24179. 4/25-5/16/08</p> <p>Sediment had seeped through the mats and into wetland #100. 5/16/08</p> <p>Sediment remains in the wetland near structure # 24195. 5/16/08</p> <p>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 across from the overhead access road. (115-kV underground). 5/16/08</p>	<p>Evaluate sediment accumulation within the wetland. Carefully remove sediment from wetland if it is greater than 2” in depth. 5/16/08</p> <p>Remove spoils and grade/stabilize ruts. 5/16/08</p> <p>Carefully remove sediment from wetland areas if it exceeds 2” in depth when timber mats are removed. 5/16/08</p> <p>Carefully remove sediment from wetland areas if it exceeds 2” in depth. 5/16/08</p> <p>Continue to evaluate sediment accumulation within the adjacent wetland. Carefully remove sediment from the wetland if it is greater than 2’ in depth. 5/16/08</p>	<p>Needs evaluation/attention when feasible</p> <p>Needs attention</p> <p>Needs evaluation/attention</p> <p>Needs evaluation</p> <p>Needs further evaluation</p>
<p>State species of concern, threatened and endangered species.</p>	<p>According to the D&amp;M plan, Wood Turtles are known to occur near the Wepawaug River at Eisenhower Park. Wood turtles are no longer considered dormant after April 1<sup>st</sup>. 5/16/08</p>	<p>If active work is to continue in this area after April 1<sup>st</sup>, field crews should receive the appropriate training in the recognition and removal of individual wood turtles from the construction area. “Sweeps” should be performed prior to the commencement of construction activities. 5/16/08</p>	<p>Ensure that field crews receive the appropriate training prior to the commencement of construction activities in these areas</p>
<p>Vegetative clearing or stabilization</p>	<p>Vegetative clearing was noted within the ROW. Most species were invasive</p>	<p>Continue to retain appropriate vegetation for stabilization. Retain as</p>	<p>NA</p>





Areas of Inspection	Observation	Recommended Action	Corrected Action
Woodbridge, CT	115 kV crane pad reclamation and restoration work appears complete at this time. Disturbed soils are being graded and mulched for temporary stabilization. 5/16/08	Continue to monitor until <i>final stabilization</i> is achieved. 5/16/08	Disturbed soils are being graded and mulched for temporary stabilization
Bethany and Hamden, CT	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. 5/16/08	Continue to monitor until <i>final stabilization</i> is achieved. 5/16/08	Disturbed soils are being graded and mulched for temporary stabilization. Grass growth has been noted in many areas
Old Lane Road	The overhead access road has been stabilized with stone. Hydroseed was applied to exposed soils. 5/16/08	Continue to monitor until <i>final stabilization</i> is achieved. 5/16/08	NA
Dewatering Orange, CT Woodbridge, Bethany, and Hamden CT	Dewatering appears complete at this time. 5/16/08	NA. 5/16/08	NA
Blasting	No blasting is proposed at this time. 5/16/08	None. 5/16/08	NA
Spills, soils and material storage.	Contractor receiving yard is set up near Shelland St. in Milford. See segment 3 report. 5/16/08	In general, store materials and equipment appropriately. Ensure that vehicles are equipped with spill kits. All construction vehicles should be parked at least 100 feet from a wetland or waterbody when feasible. 5/16/08	NA
Milford, CT West River St	The Contractor stated that the appropriate tests have been performed on the oily sheen near structure	Continue to monitor. 5/16/08	The Contractor stated that the oily sheen has been tested and does not appear to be project

Areas of Inspection	Observation	Recommended Action	Corrected Action
Woodbridge CT Manville Rd	#24103, and it does not appear to be project related at this time. 5/16/08  The Contractor stated that the oily sheen near structures #24102 & #24103 does not appear to be project related. 5/16/08	Continue to monitor. 5/16/08	related at this time.  The Contractor stated that the oily sheen does not appear to be project related
Additional Observations	Non-project related activity was noted within the ROW off Sunset Dr. A trench was dug near the first structure and a pipe appears to have been installed to divert water from an unknown location. 1/18/07-5/16/08  Non-project related sedimentation has been observed in the roadway off Caswell Street/Bic Drive in Milford. 5/16/08	Noted for the record. 1/18/07-5/16/08  Note for the record. 5/16/08	NA  NA

**Next likely scheduled inspection:** Thursday May 22, 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



Eisenhower Park (Milford): Wetland timber mats remain near structure #3839/24026.



Clearview Ln (Woodbridge): The access road to structures #3899/24086 is impeding water flow from the eastern portion of wetland to the western portion.



Litchfield Tpk (Bethany): A view of 115 kV restoration efforts at structure #3961.



Litchfield Tpk: Access road controls (i.e waterbars) remain functional near structure #24148.





Litchfield Tpk: Stormwater controls have been installed at the base of structure #24148.



Litchfield Tpk: Access road controls (i.e waterbars) continue to function at the wetland crossing between structures #24152-153. Sediment continues to accumulate on the timber mat crossing here.



Litchfield Tpk: A view of sediment accumulated on the timber mat crossing between structures #24153-154.



Litchfield Tpk: A view of the timber mat crossing between structures #24154-155. A culvert remains beneath the timber mats here, which allows for water flow.





Litchfield Tpk: Access road controls (i.e waterbars) remain functional at the wetland crossing between structures #24154-155.



Litchfield Tpk: A view of the wetland crossing between structures #24156-157. Erosion controls remain functional.



Litchfield Tpk: Access road controls remain functional near the wetland crossing between structures #24156-157.



Hatfield Road north (Bethany): Spoil piles remain within upland portions of the ROW. Spoils in this area appear to be contained on site.





Tom Swamp Rd (Hamden): A view of 115 kV restoration efforts near structure #4002.



Tom Swamp Rd: Spoil piles remain within the ROW in this area. Spoils appear to be contained in upland portions of the site.



Brooksvale Ave (Hamden): A view of 115 kV restoration efforts near structure #4004. Spoils remain in upland portions of the ROW in this area. Spoils appear to be contained on site.