

**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:** April 18, 2008

**Inspector:** Matt Kelly

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

**Rainfall:** 0.25” of precipitation were recorded since the last inspection with 0.25” of the total reported on 4/12. (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. 4/18/08	Continue to monitor active work areas and add controls as necessary. See EC section. 4/18/08	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. 4/18/08	Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 4/18/08	Active areas need regular attention
All access roads	Mats remain at the wetland crossings in these sections. 4/11/08	Continue to monitor. 4/11/08	NA
Milford, CT	No sediment tracking was observed in these sections this week, but sediment has accumulated near the catch basin on Bic Dr. <i>Note: Sedimentation from non-project related activity has also been observed in this area.</i> 4/18/08	Continue to monitor and sweep roadway as necessary. If sediment tracking continues, catch basin protection should be provided. 4/18/08	Sediment tracking/accumulation needs regular attention
Caswell St/Bic Dr			
Woodbridge, CT	Catch basin/curb inlet protection has not been provided. 1/24/-4/18/08. No tracking was observed this week. 4/18/08	Continue to monitor. Sweep roadway as necessary. 4/18/08	NA
Pease Rd			

Areas of Inspection	Observation	Recommended Action	Corrected Action
Hamden, CT Old Ln	Curb inlet protection has not been provided in this area. 4/18/08	Continue to monitor. Provide and maintain inlet protection. 4/18/08	Needs attention
Foundation and site construction All sections	H- frame structure and lattice tower removal continues in all sections. 4/18/08  115-kV foundation work appears to be complete within the ROW at this time. 4/18/08	Continue to monitor. 4/18/08  Continue to monitor. See EC Section. 4/18/08	NA  NA
Milford, CT	Foundation work and structure installation appears complete in this section. 4/18/08	Continue to monitor active work areas. See EC Section. 4/18/08	NA
Orange & Woodbridge, CT	345-kV foundation work appears complete at this time. Structure installation continues at this time. 4/18/08	Continue to monitor active work areas. See EC Section. 4/18/08	NA
Bethany, and Hamden CT	345-kV foundation work continues off Gaylord Mtn Rd & Willow St 4/18/08	Continue to monitor active work areas. See EC Section. 4/18/08	NA
Erosion and sediment controls	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. 4/18/08	None at this time. Continue to utilize the appropriate erosion control measures and stabilize disturbed soils as necessary. 4/18/08	NA
Milford, Orange, & Woodbridge, CT	Spoils remain on Naugatuck Ave, Dogwood Rd, Route 34, Brookwood Dr, & Pease Rd. Piles appear to be contained in the upland portions of the ROW. 4/18/08	Remove spoil piles when feasible. 4/18/08	Remaining spoil piles need attention when feasible

Areas of Inspection	Observation	Recommended Action	Corrected Action
Naugatuck Ave	Silt fence is in need of repair near structure #3804. 4/18/08	Maintain/add controls as necessary. 4/18/08	Needs attention
Plains Rd	Exposed soils and an erosive gully remain within the drainage swale located to the south of the substation. 2/1-4/18/08.	Fill gully with the appropriate material and stabilize exposed soils. 4/18/08	Erosive gully needs attention when feasible
Wheelers Farm Rd	An erosive gully was observed near structure #3832. Silt fence controls have been repaired and are functional, but haybales are at capacity. Some sediment has migrated around/under the controls and off the ROW. 4/18/08	Continue to monitor and add/maintain controls as necessary. 4/18/08	Needs evaluation/attention
Eisenhower Park	Excess sediment from foundation drilling was observed on wetland timber mats in this section. 1/24-4/18/08	Remove excess sediment from timber mat pads and add controls as necessary. See Wetland Section. 4/18/08	Needs attention when feasible
	Silt fence controls have been removed from the perimeter of the crane pad near structure #24026. 4/18/08	Continue to monitor and add controls as necessary until final stabilization is achieved. 4/18/08	Continue to monitor
North St	Silt fence controls have been removed near structures #24030-31. 4/18/08	Continue to monitor and add controls as necessary until final stabilization is achieved. 4/18/08	Continue to monitor
<b>Orange, CT</b>			
Dogwood Rd	Silt fence is in need of repair near structure #24067. 3/12-4/18/08	Repair/add controls as necessary. 4/18/08	Needs attention when feasible
Dogburn Rd	Access road controls are still in need of repair and waterbars are no longer functional near structure #24077. 4/11-4/18/08	Repair/add controls as necessary. 4/18/08	Needs evaluation/attention
<b>Woodbridge, CT</b>	Exposed soils have been temporarily stabilized	Continue to monitor for stabilization and add	Exposed soils have been temporarily stabilized

Areas of Inspection	Observation	Recommended Action	Corrected Action
Glen Dam Reservoir	with mulch near structure #3950. An erosive gully remains. 2/15-4/18/08	controls as necessary. Fill gully with appropriate material. 4/18/08	with mulch. <i>The erosive gully needs attention when feasible</i>
Clearview Ln	Sediment laden stormwater is flowing over the access road and into the adjacent wetland. 4/18/08	Add/maintain controls as necessary. See Wetlands Section. 4/18/08	Needs attention
Oak Ln C.C	The sand pile has been removed from the crane pad located upgradient of the wetland near structure #24095. 4/18/08	None at this time. 4/18/08	The sand pile has been removed from the crane pad
Brookwood Drive	A spoil pile remains within the wetland buffer near structure #24096. Spoils appear to be contained on site. 4/18/08	Remove spoil pile when feasible. 4/18/08	Needs attention
<b>Bethany &amp; Hamden, CT</b>	Spoils remain on the ROW off Litchfield TPK, Hatfield Rd, Downs to Gaylord Mtn Rd, & Tom Swamp. 4/18/08	Remove spoil piles when feasible. 4/18/08	Remaining spoil piles Need attention when feasible
<b>Bethany, CT</b> <b>Litchfield TPK</b>	Excess sediment from the access road has accumulated on some of the wetland crossings in this section. 4/18/08	Add/maintain controls to prevent sediment migration to the wetlands. 4/18/08	Needs attention/ evaluation
<b>Hamden, CT</b> 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. Stone and silt fence controls have been removed and exposed soils have been stabilized with mulch. 4/18/08	Monitor during large rain events and continue to add/maintain controls as necessary. Continue to monitor until final stabilization is achieved. 4/18/08	Needs additional monitoring
Downs Rd	Stormwater flowing from an access road culvert was bypassing silt fence controls near structure #3982. Silt fence controls	Adjust/maintain controls as necessary. 4/11/08	Stone rip-rap has been installed to help control/filter stormwater runoff

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Gaylord Mountain (North)</p> <p>Brooksvale Ave</p>	<p>have been replaced with stone rip-rap. 4/18/08</p> <p>Sediment is accumulating in the sediment basin near structure #3992. Additional controls/stabilization measures may be necessary. Exposed soils remain within the trench along the access road. 4/18/08</p> <p>Existing controls continue to function, but additional controls may be necessary. 4/11/08</p>	<p>Continue to monitor and maintain controls to prevent further sedimentation to the wetlands. Stabilize soils within the trench along the access rd. See Wetland Section. 4/18/08</p> <p>Continue to monitor and add controls as necessary. 4/11/08</p>	<p>Additional haybales have been added to the sediment basin but <i>further attention/evaluation is needed</i></p> <p>Needs attention/evaluation</p>
<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>The ACOE permit is in hand and approved wetland work continues. 4/18/08</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, 3874, 3881, 3899, 3905, 3912, 3913, 3914, 3915, 3916, 3917, 3918, 3923, 3992, 3993, &amp; 4009. 4/18/08</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, 24099, 24100, 24101, 24102, 24103, 24104, 24110, 24146, &amp; 24179. 4/18/08</p> <p>Timber mat crane pads remain adjacent to/in</p>	<p>Follow general guidelines of the permit whenever work in wetlands occurs. 4/18/08</p> <p>Continue to monitor and add controls as necessary. 4/18/08</p> <p>Continue to monitor and add controls as necessary. 4/18/08</p> <p>Continue to monitor and add controls as necessary.</p>	<p>NA</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
West River Street, Eisenhower Park, and North St	<p>wetlands in these sections. 4/18/08</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. 4/18/08</p> <p>Excess sediment from foundation drilling was observed on wetland timber mats in the ROW within Eisenhower Park. 4/18/08</p>	<p>4/18/08</p> <p>Continue to monitor and add controls as necessary. 4/18/08</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. 4/18/08</p>	<p>NA at this time</p> <p>Needs attention when feasible</p>
East Rutland Road (western access point)	<p>A stone access road remains at the wetland crossing off East Rutland. An existing stone culvert was already in place here. 4/18/08</p>	<p>Continue to monitor. Install controls as necessary. 4/18/08</p>	<p>NA at this time.</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 Clearview Ln to Rt 15</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. 4/18/08</p>	<p>Continue to monitor. 4/18/08</p>	<p>NA at this time</p>
<b>Woodbridge, CT</b>	<p>Stone access roads and timber mat crossings remain in the wetland areas here. 4/18/08</p>	<p>Continue to monitor. 4/18/08</p>	<p>NA at this time</p>
Ansonia Rd	<p>Disassembled “H” frame structures have been removed from the wetland near structure #24100. 4/18/08</p>	<p>NA 4/18/08</p>	<p>Disassembled “H” frame structures have been removed from the wetland</p>
Clearview Lane	<p>Turbid water was observed in the wetland</p>	<p>Evaluate sediment accumulation within the</p>	<p>Needs evaluation</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
JCC/B’Nai Jacob	<p>here. 4/11/08</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. 4/18/08</p>	<p>wetland. See EC Section. 4/11/08</p> <p>Continue to monitor. Adjust controls as necessary. 4/18/08</p>	NA at this time
Rimmon Rd/B’Nai	Sediment was observed in the wetland near structure #3922. 4/18/08	Carefully remove sediment during the dry season if it is greater than 2” in depth. 4/18/08	Needs evaluation/attention
Rimmon Rd (south)	The timber mat crane pad crossing has been removed from the tributary stream near structure #24105. 4/18/08	Continue to monitor. Restore as necessary. 4/18/08	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. 4/18/08	Continue to monitor. 4/18/08	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. 4/18/08	Continue to monitor. 4/18/08	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). 4/18/08	Carefully remove sediment from wetland areas when timber mats are removed. See EC Section. 4/18/08	Needs evaluation/attention

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p><b>Hamden,CT</b></p> <p>West Todd St, Tom Swamp/Arrow Rd, Willow Street, Brooksvale Ave, and Old Lane Rd</p> <p>West Todd Street</p> <p>Brooksvale Ave</p> <p>Whitney Ave</p> <p>Willow St</p> <p>115-kV underground transmission line Old Lane Road</p>	<p>Temporary stone access roads and timber mats remain in some of the wetland areas in these sections. 4/18/08</p> <p>Sediment remains in the wetland area located to the southwest of structure #3992. 12/20/07-4/18/08</p> <p>Sediment had seeped through the mats and into wetland #100. 4/18/08</p> <p>Some sediment has migrated into the wetland near structure # 24195. 4/18/08</p> <p>Timber mats were used in this area to assist with lattice tower removal. 4/18/08</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). 4/18/08</p>	<p>Continue to monitor. 4/18/08</p> <p>Evaluate sediment accumulation within the wetland. Carefully remove sediment from wetland if it is greater than 2” in depth. 4/18/08</p> <p>Carefully remove sediment from wetland areas if it exceeds 2” in depth when timber mats are removed. 4/18/08</p> <p>Carefully remove sediment from wetland areas if it exceeds 2” in depth. 4/18/08</p> <p>NA. Mats have been removed. 4/18/08</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. 4/18/08</p>	<p>NA at this time</p> <p>Needs evaluation /attention when feasible</p> <p>Needs evaluation/attention</p> <p>Needs evaluation</p> <p>NA</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. 4/18/08</p>	<p>Wood turtles are no longer considered dormant after April 1<sup>st</sup>. 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</p>	<p>Ensure that field crews receive the appropriate training prior to the commencement of construction activities in these areas</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
		performed prior to the commencement of construction activities. 4/18/08	
<p>Vegetative clearing or stabilization</p> <p>All active roads (all towns)</p> <p><b>Milford and Orange, CT</b></p> <p><b>Woodbridge, CT</b></p>	<p>Vegetative clearing was noted within the ROW. Most species were invasive and were removed. “Hedgerows”, including cedars and similar short tree species were retained along the ROW where feasible. Select shrubs, especially those adjacent to wetlands, also remain in most areas. 4/18/08</p> <p>Exposed soils are being temporarily stabilized. 4/18/08</p> <p>115 kV crane pad reclamation and restoration work appear complete at this time. Disturbed soils are being graded and mulched for temporary stabilization. 4/18/08</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 in place. 4/18/08</p> <p>115 kV crane pad reclamation and restoration work appears complete at this time.</p>	<p>Continue to retain appropriate vegetation for stabilization. Retain as much vegetation as possible for screening. Confirm that clearing/cutting is limited only to areas defined in D&amp;M plan. Provide as much buffer as possible for homeowners. 4/18/08</p> <p>Continue to monitor and stabilize disturbed areas when work is complete and activity will not return within 21 days. Continue to monitor until stabilization is achieved. 4/18/08</p> <p>Continue to monitor until stabilization is achieved. 4/18/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 4/18/08</p> <p>Continue to monitor until stabilization is achieved. 4/18/08</p>	<p>NA</p> <p>Exposed soils are being temporarily stabilized</p> <p>Disturbed soils are being graded and mulched for temporary stabilization</p> <p>NA</p> <p>Disturbed soils are being graded and mulched for temporary stabilization</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Bethany and Hamden, CT</p> <p>Old Lane Road</p>	<p>Disturbed soils are being graded and mulched for temporary stabilization. 4/18/08</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. 4/18/08</p> <p>The overhead access road has been stabilized with stone. Hydroseed was applied to exposed soils. 4/18/08</p>	<p>Continue to monitor until <i>final stabilization</i> is achieved. 4/18/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 4/18/08</p>	<p>Disturbed soils are being graded and mulched for temporary stabilization</p> <p>NA</p>
<p>Dewatering Orange, CT Woodbridge, Bethany, and Hamden CT</p> <p>Pease Rd</p>	<p>Dewatering basins remain for 345kV foundation work. 4/18/08</p> <p>Foundation dewatering was not observed here this week. Filter bags are in place and a line of haybales has been installed. All water appears to be confined to the upland portion of the ROW. 4/18/08</p> <p>Water from foundation drilling (in the Pease Road area) is being pumped to frac tanks, which are then hauled to the ROW off Pease Rd for dewatering. 4/18/08</p>	<p>Continue to monitor. 4/18/08</p> <p>Continue to monitor and add controls as necessary. 4/18/08</p> <p>Contain water within frac tanks during transportation. Evaluate alternate access roads and upland ROW areas for dewatering, as the Pease Road access is fairly steep. Sweep roadway as necessary. 4/18/08</p>	<p>NA</p> <p>Needs evaluation</p> <p>Needs attention/evaluation</p>
<p>Blasting</p>	<p>No blasting is proposed at this time. 4/18/08</p>	<p>None. 4/18/08</p>	<p>NA</p>
<p>Spills, soils and material storage.</p>	<p>Contractor receiving yard is set up near Shelland St. in Milford. See segment 3 report. 4/18/08</p>	<p>In general, store materials and equipment appropriately. Ensure that vehicles are equipped with</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p><b>Milford, CT</b> West River St</p>	<p>The Contractor stated that the appropriate tests have been performed on the oily sheen near structure #24103, and it does not appear to be project related at this time. 4/18/08</p>	<p>spill kits. All construction vehicles should be parked at least 100 feet from a wetland or waterbody when feasible. 4/18/08</p> <p>Continue to monitor. 4/18/08</p>	<p>The Contractor stated that the oily sheen has been tested and does not appear to be project related at this time.</p>
<p><b>Orange, Woodbridge CT</b> Manville Rd</p>	<p>The Contractor stated that the oily sheen near structures #24102 &amp; #24103 does not appear to be project related. 4/18/08</p>	<p>Continue to monitor. 4/18/08</p>	<p>The Contractor stated that the oily sheen does not appear to be project related</p>
<p><b>Hamden</b> Gaylord Mtn Rd</p>	<p>Construction equipment was observed parked within a wetland area. 4/18/08</p>	<p>All construction vehicles should be parked at least 100 feet from a wetland or waterbody when feasible. 4/18/08</p>	<p>Needs attention</p>
<p>Additional Observations</p>	<p>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. 1/18/07-4/18/08</p> <p>Non-project related sedimentation has been observed in the roadway off Caswell Street/Bic Drive in Milford. 4/18/08</p>	<p>Noted for the record. 1/18/07-4/18/08</p> <p>Note for the record. 4/18/08</p>	<p>NA</p> <p>NA</p>

**Next likely scheduled  
inspection:**

Friday April 25, 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*



Dogburn Rd (Orange): Structure installation continues in this area.



Brookwood Dr (Woodbridge): Spoils remain within the wetland buffer near structure #24096. Spoils appear to be contained on site.



Gaylord Mtn Rd north (Hamden): Improvements were made to the ROW perimeter controls in this area and exposed soils have been temporarily stabilized with mulch.



Gaylord Mtn Rd south: Drilling continues in this area. Construction equipment remains parked in a wetland area.



Whitney Ave (Hamden): Foundation installation is complete at structure #24195.



Whitney Ave: Some sediment from foundation installation has migrated to the wetland.



Willow St (Hamden): Timber mats were used in this area to access The wetland/Willow Brook for lattice tower removal.