

**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:** March 21, 2008

**Inspector:** Matt Kelly

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

**Rainfall:** 0.30” of precipitation were recorded since the last inspection with 0.15” of the total reported on 3/15 and 3/20. (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. 3/21/08	Continue to monitor active work areas and add controls as necessary. See EC section. 3/21/08	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. 3/21/08	Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 3/21/08	Active areas need regular attention
All access roads	Mats remain at the wetland crossings in these sections. 3/21/08	Continue to monitor. 3/21/08	NA
Milford, CT	All access points (overhead & underground) have been stabilized with stone pads, but the adjacent catch basin is still not protected. 12/14-3/12/08	Continue to monitor and sweep roadway as necessary. If sediment tracking continues, catch basin protection should be provided. 3/21/08	The remaining access points (overhead & underground) have been stabilized with stone pads. <i>Sediment tracking needs attention</i>
Caswell St/Bic Dr	Tracking was observed on Bic Dr this week. 3/12-3/21/08		
Woodbridge, CT	Catch basin/curb inlet protection has not been provided. 1/24/-3/21/08. No tracking was observed this week 3/21/08.	Provide catch basin/curb inlet protection and sweep roadway as necessary. 3/21/08	Needs attention
Pease Rd			

Areas of Inspection	Observation	Recommended Action	Corrected Action
Foundation and site construction <b>All sections</b>	H- frame structure and lattice tower removal continues in all sections. 3/21/08	Continue to monitor. 3/21/08	NA
	115-kV foundation work appears to be complete at this time within the ROW. 3/21/08	Continue to monitor. See EC Section. 3/21/08	NA
<b>Bethany, and Hamden CT</b>	Crane pads associated with the 115-kV work are being removed and transferred to the 345-kV portion of the line (pad reclamation) in these sections. 3/21/08	Continue to monitor. See EC and Stabilization Sections. 3/21/08	NA
<b>Milford, CT</b>	Foundation work and structure installation appear to be complete at this time. 3/21/08	Continue to monitor active work areas. See EC Section. 3/21/08	NA
<b>Orange, CT</b>	345-kV foundation work continues off Hunting Hill Place, Saddle Ridge Rd & Route 34. Structure installation continues. 3/21/08	Continue to monitor active work areas. See EC Section. 3/21/08	NA
<b>Woodbridge, CT</b>	345-kV foundation work continues off Oak Ln. 3/21/08	Continue to monitor active work areas. See EC Section. 3/21/08	NA
<b>Bethany, CT</b>	345-kV foundation work continues off Hatfield Rd. 3/21/08	Continue to monitor active work areas. See EC Section. 3/21/08	NA
<b>Hamden, CT</b>	345-kV foundation work continues off Downs to Gaylord Mtn Rd, & Tom Swamp Rd. 3/21/08	Continue to monitor active work areas. See EC Section. 3/21/08	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. <i>Timber mats and erosion</i>	None at this time. Continue to utilize the appropriate erosion control measures and stabilize disturbed soils as necessary. 3/21/08	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Milford &amp; Orange, Woodbridge, CT</p> <p>Plains Rd</p> <p>West River St</p> <p>Eisenhower Park</p> <p>North St</p>	<p>Timber mats and erosion controls are in place in and adjacent to wetland areas. 3/21/08</p>		
	<p>Spoil piles have been removed from the ROW off Orange Center Rd. Spoils remain on Dogwood Rd, Route 34, &amp; Brookwood Dr. Piles appear to be contained in the upland portions of the ROW. 3/21/08</p>	<p>Remove spoil piles when feasible. 3/21/08</p>	<p>Spoils have been removed from the ROW on Orange Center Rd. <i>Remaining spoil piles Need attention when feasible</i></p>
	<p>Exposed soils and an erosive gully remain within the drainage swale located to the south of the substation. 2/1-3/21/08.</p>	<p>Fill gully with an appropriate material and stabilize exposed soils. 3/12/08</p>	<p>Erosive gully needs attention when feasible</p>
	<p>Excess sediment from foundation drilling was observed on wetland timber mats in this section. 1/24-3/21/08</p>	<p>Remove excess sediment from timber mat pads and add controls as necessary. See Wetland Section. 3/21/08</p>	<p>Needs attention when feasible</p>
	<p>Excess sediment from foundation drilling was observed on wetland timber mats in this section. 1/24-3/21/08</p>	<p>Remove excess sediment from timber mat pads and add controls as necessary. See Wetland Section. 3/21/08</p>	<p>Needs attention when feasible</p>
	<p>Silt fence repairs have been completed and excess sand was removed from the base of structure #24027. 3/21/08</p>	<p>Repair/add controls as necessary. 3/21/08</p>	<p>Silt fence repairs have been completed and excess sand was removed from the base of structure #24027</p>
	<p>Silt fence controls have been removed from the perimeter of the crane pad near structure #24026. 3/21/08</p>	<p>Continue to monitor and add controls as necessary until final stabilization is achieved. 3/21/08</p>	<p>Continue to monitor</p>
	<p>Excess sediment from foundation drilling was observed on wetland timber mats near structure #24030. 1/10-3/21/08</p>	<p>Remove excess sediment from mats and add controls as necessary. See Wetlands Section. 3/21/08</p>	<p>Needs attention when feasible</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p><b>Orange, CT</b> Dogwood Rd</p> <p>Dogburn Rd</p>	<p>Silt fence repairs have been completed near structure #24032.</p> <p>Silt fence controls have been removed near structures #24030-31. 3/21/08</p> <p>Silt fence is in need of repair near structure #24067. 3/12-3/21/08</p> <p>Silt fence repairs have been completed near structure #24077, but access road controls are still in need of repair. Waterbars are no longer functional near structure #24077. 3/21/08</p>	<p>Repair/add controls as necessary. 3/12/08</p> <p>Continue to monitor and add controls as necessary until final stabilization is achieved. 3/21/08</p> <p>Repair/add controls as necessary. 3/21/08</p> <p>Repair/add controls as necessary. 3/21/08</p>	<p>Silt fence repairs have been completed near structure #24032</p> <p>Continue to monitor</p> <p>Needs attention</p> <p>Silt fence repairs have been completed near structure #24077, but <i>further attention is needed.</i></p>
<p><b>Woodbridge, CT</b> Glen Dam Reservoir</p> <p>JCC</p> <p>Rimmon Rd/ B'Nai</p>	<p>Exposed soils have been temporarily stabilized with mulch near structure #3950. An erosive gully remains. 2/15-3/21/08</p> <p>The sediment basins located along the access road are nearing capacity. 3/21/08</p> <p>Spoil piles remain within the ROW near structure #3932. Piles appear to be contained in an upland portion of the ROW. 3/21/08</p> <p>The silt fence here is in need of repair. Sediment laden stormwater is now flowing across the access rd/crane pad and into the wetland near structure #3922. 3/21/08</p>	<p>Continue to monitor for stabilization and add controls as necessary. Fill gully with appropriate material. 3/21/08</p> <p>Remove sediment from controls to restore function/capacity. 3/21/08</p> <p>Remove spoil piles when feasible. 3/21/08</p> <p>Repair/add controls as necessary. See Wetlands Section. 3/21/08</p>	<p>Exposed soils have been temporarily stabilized with mulch. <i>The erosive gully needs attention when feasible</i></p> <p>Needs attention</p> <p>Needs attention when feasible</p> <p>Needs attention</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Clearview Ln	Spoils remain within the wetland buffer in the ROW near structure #24090. Controls were installed to contain the pile. 3/21/08.	Install controls as necessary to contain sediment and/or remove spoils from wetland buffer and store in an appropriate upland location. 3/21/08	Controls were installed around the spoil pile. <i>Remove spoils when feasible.</i>
Oak Ln C.C	Sand has been piled on the crane pad located upgradient of the wetland near structure #24095. 3/21/08	Add/maintain controls as necessary and remove sand when feasible. 3/21/08	Needs attention
<b>Bethany, CT</b> Litchfield Turnpike	Sediment has been removed from the erosion controls at the stream crossing between structures #24156-57. 3/21/08	Continue to monitor, and add/repair controls as necessary. 3/21/08	Sediment has been removed from the erosion controls at the stream crossing between structures #24156-57
	Spoils remain within the wetland buffer near structure #24157. Silt fence controls have been placed around the pile. 3/21/08	Remove spoils from wetland buffer and store in an appropriate upland location. 3/21/08	Silt fence controls have been placed around the spoils. <i>Remove spoils from wetland buffer when feasible</i>
<b>Hamden, CT</b> West Todd Street/ Gaylord Mountain	In approximately three areas, stormwater pooled along the perimeter controls and filtered through as concentrated flow off the ROW (4/27/07). This only occurs during large rain events and wetland resource areas were not affected by this off site flow. 3/21/08	Monitor during large rain events and investigate additional solutions to prevent stormwater conveyances off site. Although good efforts were made to control stormwater flow, continue to improve on-site containment. 3/21/08	Good efforts were made but <i>needs additional evaluation/monitoring</i>
	Silt fence controls are at capacity along the perimeter of the ROW. 3/6-3/21/08	Monitor and maintain controls as necessary to control and filter stormwater runoff. 3/21/08	<i>Silt fence needs attention along access road and ROW perimeter.</i>
	Additional haybales were added to the sediment basin near structure #3992, but it appears additional controls are	Continue to monitor and maintain controls to prevent further sedimentation to the wetlands. See Wetland	Additional haybales have been added to the sediment basin but <i>further attention is needed</i>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Brooksvale Ave	needed here. 3/21/08 Existing controls continue to function, but additional controls may be necessary. 3/21/08	Section. 3/21/08 Continue to monitor and add controls as necessary. 3/21/08	Needs attention
Willow Street	Timber mats at structure #4009 have been removed and exposed soils have been temporarily stabilized with mulch. 3/21/08	Continue to monitor and stabilize disturbed soils See Stabilization Section. 3/12/08	Timber mats at structure #4009 have been removed
Old Lane Road	Sediment has been removed from the basins located along the access road. 3/21/08	Monitor and maintain controls as necessary to control and filter stormwater runoff. 3/21/08	Sediment has been removed from the basins located along the access road
Inland Wetland and Watercourse encroachment and mitigation <b>Milford, CT</b> Naugatuck Ave, Rt 121 and Oronoque Rd  West River Street, Eisenhower Park, and North St	The ACOE permit is in hand and approved wetland work continues. 3/21/08  Timber mat crane pads remain adjacent to/in wetlands in these sections. 3/21/08  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. 3/21/08  Excess sediment from foundation drilling was observed on wetland timber mats in the ROW off West River St, North Street, and within Eisenhower Park. 3/21/08	Follow general guidelines of the permit whenever work in wetlands occurs. 3/21/08  Continue to monitor and add controls as necessary. 3/21/08  Continue to monitor and add controls as necessary. 3/21/08  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. 3/21/08	NA  NA at this time  NA at this time  Needs attention when feasible
East Rutland Road (western access point)	A stone access road remains at the wetland crossing off East Rutland.	Continue to monitor. Install controls as necessary. 3/21/08	NA at this time.

Areas of Inspection	Observation	Recommended Action	Corrected Action
<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>An existing stone culvert was already in place here. 3/21/08</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. 3/21/08</p>	<p>Continue to monitor. 3/21/08</p>	<p>NA at this time</p>
<p><b>Woodbridge, CT</b></p>	<p>Stone access roads and timber mat crossings remain in the wetland areas here. 3/21/08</p>	<p>Continue to monitor. 3/21/08</p>	<p>NA at this time</p>
<p>Pease Road</p>	<p>Mats remain in the potential wetland area here. 3/21/08</p>	<p>Continue to monitor. The contractor states that this wetland was removed from the most recent version of the D&amp;M plan, but flags were staked in the field. 3/21/08</p>	<p>NA at this time</p>
<p>Clearview Lane</p>	<p>Tire ruts were noted in a wetland area within the abandoned ROW here. 11/16-3/21/08</p>	<p>Fill and stabilize ruts with appropriate material. In general timber mats (or similar) should be used when it becomes necessary to access a wetland. 3/21/08</p>	<p>Needs attention</p>
<p>Clearview Lane</p>	<p>The foundation for structure #24090 has been installed on the edge of the wetland here (as approved). Spoils from foundation drilling remain within the wetland buffer. 3/21/08</p>	<p>Remove spoils from wetland buffer and store in an appropriate upland location. See EC Section. 3/21/08</p>	<p>Needs attention</p>
<p>JCC/B'Nai Jacob</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. 3/21/08</p>	<p>Continue to monitor. Adjust controls as necessary. 3/21/08</p>	<p>NA at this time</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	Sediment was noted in the stream channel near structure #24119 at the JCC (8/7/07). No further accumulation has been observed. 3/21/08	Continue to monitor. Evaluate sediment accumulation within the stream channel. Carefully remove sediment during the dry season if it is greater than 2" in depth. See EC Section. 3/21/08	Needs evaluation
Rimmon Rd/B'Nai	Sediment was observed in the wetland near structure #3922. 3/21/08	Carefully remove sediment during the dry season if it is greater than 2" in depth. See EC Section. 3/21/08	Needs attention
Rimmon Rd (south)	A timber mat crane pad (installed for lattice tower removal 12/7/07) remains adjacent to/within a tributary stream of Race Brook near structure #24105. 3/21/08	Continue to monitor. 3/21/08	NA
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. 3/21/08	Continue to monitor. 3/21/08	NA at this time
Glen Dam	A disassembled lattice tower was removed from the wetland between structures #24140-40. 3/21/08	None at this time. 3/21/08	A disassembled lattice tower was removed from the wetland between structures #24140-40
<b>Bethany, CT</b>			
Morris to Hatfield	A stone access road and timber mats are in place in the wetland areas in this section. 3/21/08	Continue to monitor. 3/21/08	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	Carefully remove sediment from wetland areas when timber mats are removed. See EC Section. 3/21/08	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>Old Lane Road</p> <p>115-kV underground transmission line Old Lane Road</p>	<p>#3965 and #3966) and #114 (between structure #3966 and #3967). 3/21/08</p> <p>Temporary stone access roads and timber mats remain in some of the wetland areas in these sections. 3/21/08</p> <p>Sediment remains in the wetland area located to the southwest of structure #3992. 12/20/07-3/21/08</p> <p>Sediment had seeped through the mats and into wetland #100. 3/21/08</p> <p>Sediment remains in wetland #94. 10/5-3/21/08</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). 3/21/08</p>	<p>Continue to monitor. 3/21/08</p> <p>Evaluate sediment accumulation within the wetland. Carefully remove sediment from wetland if it is greater than 2" in depth. 3/21/08</p> <p>Carefully remove sediment from wetland areas when timber mats are removed. 3/21/08</p> <p>Continue to monitor and add/maintain controls as necessary. Carefully remove sediment from the wetland if it is greater than 2" in depth. See EC Section. 3/21/08</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. 3/21/08</p>	<p>NA at this time</p> <p>Needs attention</p> <p>Needs evaluation/attention</p> <p>Needs evaluation/attention</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. 3/21/08</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 1st, field crews should receive the appropriate training in the recognition and removal of individual wood turtles</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
		<p>from the construction area. “Sweeps” should be performed prior to the commencement of construction activities. 3/21/08</p>	
<p>Vegetative clearing or stabilization</p> <p>All active roads (all towns)</p> <p><b>Milford and Orange, 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. 3/21/08</p> <p>Soils remain exposed as a result of grounding activities. 10/5-3/21/08</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. 3/21/08</p> <p>Construction of the wetland mitigation area in Eisenhower Park appears to be complete at this time. Temporary stabilization measures are in place. 3/21/08</p> <p>Wood chip piles remain in the ROW off Russell Ave in Orange. 3/21/08</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. 3/21/08</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. 3/21/08</p> <p>Continue to monitor until stabilization is achieved. 3/21/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 3/21/08</p> <p>Wood chip piles should be removed from the ROW or spread in appropriate upland areas to a depth of 2” minimum. 3/21/08</p>	<p>NA</p> <p>Needs evaluation/attention</p> <p>Disturbed soils are being graded and mulched for temporary stabilization</p> <p>NA</p> <p>Needs attention when feasible</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Woodbridge, CT	115 kV crane pad reclamation and restoration work continues at this time. Disturbed soils are being graded and mulched for temporary stabilization. 3/21/08	3" or less. 3/21/08  Continue to monitor until stabilization is achieved. 3/21/08	Disturbed soils are being graded and mulched for temporary stabilization
Glen Dam	Exposed soils, near structure #3950, have been temporarily stabilized with mulch. 3/21/08	Continue to monitor until <i>final stabilization</i> is achieved. See EC Section. 3/21/08	NA
Bethany and Hamden, CT	115 kV crane pad reclamation and restoration work continues at this time. Disturbed soils are being graded and mulched for temporary stabilization. 3/21/08	Continue to monitor until <i>final stabilization</i> is achieved. 3/21/08	Disturbed soils are being graded and mulched for temporary stabilization
Gaylord Mtn Rd/West Todd St	Mulch has been spread in washout areas near structure #3989 in an effort to temporarily stabilize disturbed soils. 3/21/08	Continue to monitor. Mulched areas should be seeded for further stabilization. Stone fill or similar may be needed to stabilize gullies/ washouts. 3/21/08	NA
Old Lane Road	The overhead access road has been stabilized with stone. Hydroseed was applied to exposed soils. 3/21/08	Continue to monitor until <i>final stabilization</i> is achieved. 3/21/08	NA
Dewatering Orange, CT Woodbridge, Bethany, and Hamden CT	Dewatering basins remain for 345kV foundation work. 3/21/08	Continue to monitor. 3/21/08	NA
Pease Rd	Foundation dewatering was observed here this week. Filter bags are in place and a line of haybales has been	Continue to monitor and add controls as necessary. 3/21/08	Needs evaluation



Areas of Inspection	Observation	Recommended Action	Corrected Action
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. 1/18/07-3/21/08	Noted for the record. 1/18/07-3/21/08	NA

**Next likely scheduled inspection:** Friday March 28, 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): Silt fence controls have been repaired and excess sand from foundation installation has been removed from the base of structure #24027.



Rimmon Rd (Woodbridge): Construction equipment is parked in the wetland buffer near structure #3919.



Rimmon Rd (Woodbridge): Stormwater runoff is flowing across the access rd/crane pad near structure #3922.



Rimmon Rd: Sediment laden stormwater has breached the silt fence controls near structure #3922. Sediment was noted in the wetlands here.



Pease Rd (Woodbridge): Frac tanks containing water from nearby sites are being hauled to Pease Road for dewatering.



Pease Rd: Water is being pumped from frac tanks into a filter bag equipped with a line of haybales for detention and filtering purposes.



Litchfield Turnpike (Bethany): Sediment has been removed from the controls at the stream crossing between structures #24156-57.



Litchfield Turnpike: Silt fence controls have been installed around the spoil pile located in the wetland buffer near structure #24157.