

**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 9, 2008

**Inspector:** Matt Kelly

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

**Rainfall:** 1.02” of precipitation were recorded since the last inspection with 0.83” of the total recorded on 5/9. (NOAA data at New Haven, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways  Milford, CT, Orange CT, Woodbridge CT, Bethany CT, and Hamden CT  All access roads	Clearing and access road construction appear to be complete in these sections at this time. 5/9/08  Stone pads remain in place at all entrances to access roads. New stone is being added to pads as necessary. 5/9/08	Continue to monitor active work areas and add controls as necessary. See EC section. 5/9/08  Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 5/9/08	Not Applicable (NA)  Active areas need regular attention
Milford, CT  Caswell St/Bic Dr	Mats remain at the wetland crossings in these sections. 5/9/08  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> 5/9/08	Continue to monitor. 5/9/08  Continue to monitor and sweep roadway as necessary. If sediment tracking continues, catch basin protection should be provided. 5/9/08	NA  Sediment tracking/accumulation needs regular attention

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. 5/9/08</p> <p>Curb inlet protection has not been provided in this area. 5/9/08</p>	<p>Continue to monitor. Sweep roadway as necessary. 5/9/08</p> <p>Continue to monitor. Provide and maintain inlet protection. 5/9/08</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. 5/9/08</p> <p>115-kV foundation work appears to be complete within the ROW at this time. Restoration efforts continue. 5/9/08</p> <p>345-kV foundation work appears to be complete within the ROW at this time. Structure installation continues in Bethany, and Hamden. Wire pulling and grounding activities continue. 5/9/08</p>	<p>Continue to monitor. 5/9/08</p> <p>Continue to monitor. See EC Section. 5/9/08</p> <p>Continue to monitor. See EC Section. 5/9/08</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. 5/9/08</p> <p>Spoils remain within the ROW off Rt. 34 &amp; Pease Rd. Piles appear to be contained in the upland portions of the ROW. 5/9/08</p>	<p>None at this time. Continue to utilize the appropriate erosion control measures and stabilize disturbed soils as necessary. 5/9/08</p> <p>Remove spoil piles when feasible. 5/9/08</p>	<p>NA</p> <p>Needs attention when feasible</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Naugatuck Ave	5/9/08 Silt fence is in need of repair near structure #3804. 5/9/08	Maintain/add controls as necessary. 5/9/08	Needs attention when feasible
Plains Rd	Exposed soils and an erosive gully remain within the drainage swale located to the south of the substation. 2/1-5/9/08.	Fill gully with an appropriate material and stabilize exposed soils. 5/9/08	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. 5/9/08	Continue to monitor and add/maintain controls as necessary. 5/9/08	Needs evaluation/attention
Eisenhower Park	Excess sediment from foundation drilling was observed on wetland timber mats in this section. 1/24-5/9/08	Remove excess sediment from timber mat pads and add controls as necessary. See Wetland Section. 5/9/08	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. 5/9/08	Continue to monitor. 5/9/08	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. 3/12-5/9/08	Repair/add controls as necessary. 5/9/08	Needs attention when feasible
Dogburn Rd	Access road controls are still in need of repair and waterbars are no longer	Repair/add controls as necessary. 5/9/08	Needs evaluation/attention

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Woodbridge, CT Clearview Ln	functional near structure #24077. 4/11-5/9/08  Sediment laden stormwater is flowing over the access road and into the adjacent wetland. 4/11-5/9/08	Add/maintain controls as necessary. See Wetlands Section. 5/9/08	Needs attention
Bethany & Hamden, CT	Spoils remain on the ROW off Litchfield TPK, Hatfield Rd, Downs to Gaylord Mtn Rd, & Tom Swamp. 5/9/08	Remove spoil piles when feasible. 5/9/08	Remaining spoil piles Need attention when feasible
Bethany, CT Litchfield TPK	Excess sediment from the access road has accumulated on some of the wetland crossings in this section. 5/9/08	Add/maintain controls to prevent sediment migration to the wetlands. 5/9/08	Needs evaluation/ attention
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. 5/9/08	Monitor during large rain events and continue to add/maintain controls as necessary. Continue to monitor until final stabilization is achieved. 5/9/08	Needs additional monitoring
Gaylord Mountain (North)	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. 4/18-5/9/08	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. 5/9/08	Additional haybales have been added to the sediment basin but <i>further attention/evaluation is needed</i>
Brooksville Ave	Spoils remain in the wetland near structure #24179. No controls were observed. 4/25-5/9/08	Remove spoils from the wetland. 5/9/08	Needs attention
Brooksville Ave	Existing controls continue to function, but additional controls may be necessary. 5/9/08	Continue to monitor and add controls as necessary. 5/9/08	Needs evaluation/ attention/

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Inland Wetland and Watercourse encroachment and mitigation	The ACOE permit is in hand and approved wetland work continues. 5/9/08	Follow general guidelines of the permit whenever work in wetlands occurs. 5/9/08	NA
<b>All sections</b>	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, & 4009. 5/9/08	Continue to monitor and add controls as necessary. 5/9/08	NA at this time
<b>Milford, CT</b>	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, & 24179. 5/9/08	Continue to monitor and add controls as necessary. 5/9/08	NA at this time
Naugatuck Ave, Rt 121 and Oronoque Rd	Timber mat crane pads remain adjacent to/in wetlands in these sections. 5/9/08	Continue to monitor and add controls as necessary. 5/9/08	NA at this time
West River Street, Eisenhower Park, and North St	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. 5/9/08	Continue to monitor and add controls as necessary. 5/9/08	NA at this time
	Excess sediment from foundation drilling was observed on wetland timber mats in the ROW within Eisenhower Park. 5/9/08	Evaluate sediment accumulation within the wetland when mats are removed. Carefully remove sediment during	Needs attention when feasible

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East Rutland Road (western access point)	5/9/08  A stone access road remains at the wetland crossing off East Rutland. An existing stone culvert was already in place here. 5/9/08	the dry season if it is found to be greater than 2” in depth. See EC Section. 5/9/08  Continue to monitor. Install controls as necessary. 5/9/08	NA at this time.
<b>Orange, CT</b>  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	Timber mat crane pads/crossings remain at the wetland areas here. Stone wetland crossings are in place at Lambert Rd and Treat Lane. 5/9/08	Continue to monitor. 5/9/08	NA at this time
<b>Woodbridge, CT</b>	Stone access roads and timber mat crossings remain in the wetland areas here. 5/9/08	Continue to monitor. 5/9/08	NA at this time
Clearview Lane	Turbid water was observed in the wetland here. 4/11-5/9/08	Evaluate sediment accumulation within the wetland. See EC Section. 5/9/08	Needs evaluation
JCC/B’Nai Jacob	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. 5/9/08	Continue to monitor. Adjust controls as necessary. 5/9/08	NA at this time
Rimmon Rd/B’Nai	Sediment remains in the wetland near structure #3922. 5/9/08	Carefully remove sediment during the dry season if it is greater than 2” in depth. 5/9/08	Needs evaluation/attention
Rimmon Rd (south)	The timber mat crane pad crossing has been	Continue to monitor. Restore as necessary.	The timber mat crossing has been removed from

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<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>	<p>removed from the tributary stream near structure #24105. 5/9/08</p>	<p>5/9/08</p>	<p>the stream near structure #24105</p>
<p><b>Bethany, CT</b></p>	<p>Timber mat crane pads remain within the wetlands in these sections. 5/9/08</p>	<p>Continue to monitor. 5/9/08</p>	<p>NA at this time</p>
<p>Morris to Hatfield</p>	<p>A stone access road and timber mats are in place in the wetland areas in this section. 5/9/08</p>	<p>Continue to monitor. 5/9/08</p>	<p>NA</p>
<p>Litchfield Turnpike</p>	<p>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). 5/9/08</p>	<p>Carefully remove sediment from wetland areas when timber mats are removed. See EC Section. 5/9/08</p>	<p>Needs evaluation/attention</p>
<p><b>Hamden, CT</b></p>	<p>Temporary stone access roads and timber mats remain in some of the wetland areas in these sections. 5/9/08</p>	<p>Continue to monitor. 5/9/08</p>	<p>NA at this time</p>
<p>West Todd St, Tom Swamp/Arrow Rd, Willow Street, Brooksvale Ave, and Old Lane Rd</p>	<p>Sediment remains in the wetland area located to the southwest of structure #3992. 12/20/07-5/9/08</p>	<p>Evaluate sediment accumulation within the wetland. Carefully remove sediment from wetland if it is greater than 2" in depth. 5/9/08</p>	<p>Needs evaluation/attention when feasible</p>
<p>Gaylord Mtn. Rd. (North)</p>	<p>A spoil pile and tire ruts remain in the wetland area near structure #24179. 4/25-5/9/08</p>	<p>Remove spoils and grade/stabilize ruts. 5/9/08</p>	<p>Needs attention</p>
<p>Brooksvale Ave</p>	<p>Sediment had seeped through the mats and into wetland #100. 5/9/08</p>	<p>Carefully remove sediment from wetland areas if it exceeds 2" in depth when</p>	<p>Needs evaluation/attention</p>

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<p>Whitney Ave</p> <p>115-kV underground transmission line Old Lane Road</p>	<p>Sediment remains in the wetland near structure # 24195. 5/9/08</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). 5/9/08</p>	<p>timber mats are removed. 5/9/08</p> <p>Carefully remove sediment from wetland areas if it exceeds 2” in depth. 5/9/08</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. 5/9/08</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>. 5/9/08</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. 5/9/08</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>All active roads (all towns)</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. 5/9/08</p> <p>Exposed soils are being temporarily stabilized. 5/9/08</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. 5/9/08</p> <p>Continue to monitor and stabilize disturbed areas when work is complete and activity will not return within 21 days. Continue</p>	<p>NA</p> <p>Exposed soils are being temporarily stabilized</p>



Areas of Inspection	Observation	Recommended Action	Corrected Action
Milford and Orange, CT	<p>115 kV crane pad reclamation and restoration work appear complete at this time. . Disturbed soils are being graded and mulched for temporary stabilization. Grass growth was observed in many areas, including Plains Road, Oronoque Road, Lexington Way, Wheelers Farm Road, Fresh Meadow Lane, Ridge Road, Pine Tree Drive, Sunset Drive, Russell Ave, Route 34, and Racebrook Road this week. 5/9/08</p>	<p>to monitor until stabilization is achieved. 5/9/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 5/9/08</p>	<p>Grass growth was observed in many areas</p>
Woodbridge, CT	<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. 5/9/08</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. 5/9/08</p>	<p>Continue to monitor until <i>final stabilization</i> is achieved. 5/9/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 5/9/08</p>	<p>NA</p> <p>Disturbed soils are being graded and mulched for temporary stabilization</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.</p>	<p>Continue to monitor until <i>final stabilization</i> is achieved. 5/9/08</p>	<p>Disturbed soils are being graded and mulched for temporary stabilization</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Old Lane Road	temporary stabilization. 5/9/08  The overhead access road has been stabilized with stone. Hydroseed was applied to exposed soils. 5/9/08	Continue to monitor until <i>final stabilization</i> is achieved. 5/9/08	NA
Dewatering Orange, CT Woodbridge, Bethany, and Hamden CT	Dewatering appears complete at this time. 5/9/08	NA. 5/9/08	NA
Blasting	No blasting is proposed at this time. 5/9/08	None. 5/9/08	NA
Spills, soils and material storage.	Contractor receiving yard is set up near Shelland St. in Milford. See segment 3 report. 5/9/08	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. 5/9/08	NA
Milford, CT  West River St	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. 5/9/08	Continue to monitor. 5/9/08	The Contractor stated that the oily sheen has been tested and does not appear to be project related at this time.
Orange, Woodbridge CT  Manville Rd	The Contractor stated that the oily sheen near structures #24102 & #24103 does not appear to be project related. 5/9/08	Continue to monitor. 5/9/08	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	Noted for the record. 1/18/07-5/9/08	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	location. 1/18/07-5/9/08  Non-project related sedimentation has been observed in the roadway off Caswell Street/Bic Drive in Milford. 5/9/08	Note for the record. 5/9/08	NA

**Next likely scheduled inspection:** Friday May 16, 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



Plains Rd (Milford): A view of 115 kV restoration efforts at structure #3816.



Plains Rd: Vegetation growth near structure #3816.



Oronoque Rd (Milford): A view of 115kV restoration efforts near structure #3821.



Oronoque Rd: Vegetation growth near structure #3821.



Lexington Way (Milford): A view of 115 kV restoration efforts near structure #3826.



Whealers Farm Rd (Milford): Haybale controls have been added to help control stormwater runoff near structure #3832.



Whealers Farm Rd: Silt fence controls are nearing capacity near structure #3832.



Fresh Meadow Ln (Milford): The vegetated swale near structure #3835 appears stable at this time.



West River St (Milford): A view of 115 kV restoration efforts near structure #3837.



Ridge Rd (Orange): A view of 115 kV restoration efforts near structure #3848.



Pine Tree Dr (Orange): A view of 115 kV restoration efforts near structure #3855.



Pine Tree Dr: A view of 115 kV restoration efforts near structure #3857.



Lambert Rd (Orange): Grading/115 kV pad reclamation continues near structure #3863 in order to decrease the slope on the southern side of the crane pad. Exposed soils appear stable at this time.



Sunset Dr (Orange): A view of 115 kV restoration efforts near structure #3865.



Racebrook Rd (Orange): A view of 115 kV restoration efforts near structure #3870.



Russell Ave (Orange): A trench was installed along the access road in this area to help control stormwater runoff. Vegetation growth has been noted in this area near 115 kV structures.



Hunting Hill Rd (Orange): Wetland timber mats remain for access to structures #3881/24068.



Rt 34 (Orange): A view of 115 kV restoration efforts near structure #3887.



Rt 34: A view of 115 kV restoration efforts near structure #3887.



Gaylord Mtn Rd (Hamden): A spoil pile remains in the wetland area near structure #24179.