

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: June 19, 2008

Inspector: Matt Kelly

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

Rainfall: 1.09” of precipitation were recorded since the last inspection with 0.95” of the total recorded on 6/14. (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. 6/19/08	Continue to monitor active work areas and add controls as necessary. See EC section. 6/19/08	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. 6/19/08	Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 6/19/08	Active areas need regular attention
All access roads	Mats remain at the wetland crossings in these sections. 6/19/08	Continue to monitor. 6/19/08	NA
Milford, CT Caswell St/Bic Dr	Some sediment tracking was observed in this section this week, and sediment has accumulated near the catch basin on Caswell/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> 6/19/08	Continue to monitor and sweep roadway as necessary. If sediment tracking continues, catch basin protection should be provided. 6/19/08	Sediment tracking/accumulation needs regular attention

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Shelland St</p> <p>Woodbridge, CT</p> <p>Pease Rd</p> <p>Hamden, CT</p> <p>Old Ln</p>	<p>Some sediment tracking was observed at the entrance to the storage yard. Catch basin protection has been provided in this area. 6/19/08</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. 6/19/08</p> <p>Catch basin protection has not been provided in this area. 6/19/08</p>	<p>Continue to monitor and sweep roadway as necessary. 6/19/08</p> <p>Continue to monitor. Sweep roadway as necessary. 6/19/08</p> <p>Continue to monitor. Provide and maintain catch basin protection. 6/19/08</p>	<p>NA</p> <p>NA</p> <p>Needs attention</p>
<p>Foundation and site construction</p> <p>All sections</p>	<p>H- frame structure and lattice tower removal appears to be complete at this time. 6/19/08</p> <p>115-kV foundation work appears to be complete within the ROW at this time. Restoration efforts continue. 6/19/08</p> <p>345-kV foundation work and structure installation appear to be complete within the ROW at this time. Wire pulling activities continue. 6/19/08</p>	<p>NA. 6/19/08</p> <p>Continue to monitor. See EC Section. 6/19/08</p> <p>Continue to monitor. See EC Section. 6/19/08</p>	<p>NA</p> <p>NA</p> <p>NA</p>
<p>Erosion and sediment controls</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</p>	<p>None at this time. Continue to utilize the appropriate erosion control measures and stabilize disturbed soils as necessary. 6/19/08</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Milford, CT Naugatuck Ave</p>	<p>areas. 6/19/08 Silt fence is in need of repair near structure #3804. 6/19/08</p>	<p>Maintain/add controls as necessary. 6/19/08</p>	<p>Needs attention when feasible</p>
<p>Plains Rd</p>	<p>The erosive gully within the drainage swale located to the south of the substation has been graded and hydro-seed has been applied to exposed soils (6/6). Additional vegetative growth was observed this week and the area appears stabilized at this time. 6/19/08</p>	<p>NA. 6/19/08</p>	<p>Gully has been graded and seeded. The area appears stabilized</p>
<p>Wheelers Farm Rd</p>	<p>An erosive gully was observed near structure #3832. Controls remain in place, but silt fence controls are nearing capacity. Some sediment has migrated around/ under the controls and off the ROW, but no further sediment accumulation was observed. Vegetative growth was observed within the gully. 6/19/08</p> <p>Ground water is no longer breaking through and flowing across the access road and crane pad near structure #3832, but channelized stormwater flow continues within the ROW. 5/30-6/19/08</p>	<p>The majority of this area appears to be stabilized with vegetation, but the gully should be filled with a stabilizing material. 6/19/08</p> <p>Continue to monitor and add/maintain controls as necessary. 6/19/08</p>	<p>The majority of this area appears stable but <i>the gully needs attention</i></p> <p>Needs attention/evaluation</p>
<p>Eisenhower Park</p>	<p>Excess sediment from foundation drilling was observed on wetland timber mats in this section. 1/24-6/19/08</p>	<p>Remove excess sediment from timber mat pads and add controls as necessary. See Wetland Section. 6/19/08</p>	<p>Needs attention when feasible</p>
<p>Orange, CT Dogwood Rd</p>	<p>Silt fence is in need of repair near structure</p>	<p>Repair/add controls as necessary. 6/19/08</p>	<p>Needs attention when feasible</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Dogburn Rd	#24067. 3/12-6/19/08 Access road controls are still in need of repair and waterbars are no longer functional near structure #24077. Sediment accumulation was observed against the silt fence controls above Maltby Lake and within the access road. 4/11-6/19/08	Continue to monitor and repair/add controls as necessary. 6/19/08	Needs evaluation/attention
Route 34	Spoils remain within the ROW off Rt. 34. Piles appear to be contained in the upland portions of the ROW. 6/19/08	Remove spoil piles when feasible. 6/19/08	Needs attention when feasible
Woodbridge, CT Clearview Ln	Water from wetland #139 has been observed flowing over the access road and into the adjacent wetland. Turbid water was observed in the wetland here (4/11). 6/19/08	Add/maintain controls as necessary. See Wetlands Section. 6/19/08	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. 6/19/08	Remove spoil piles when feasible. 6/19/08	Remaining spoil piles Need attention when feasible
Bethany, CT Litchfield Tpk	Access road controls (waterbars and sediment basins) remain intact, but sediment from the road continues to accumulate on some of the wetland crossings in this section. 6/19/08	Continue to monitor and add/maintain controls to prevent sediment migration to the wetlands. 6/19/08	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	Monitor during large rain events and continue to add/maintain controls as necessary. Continue to monitor until final stabilization is achieved.	Needs additional monitoring

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Gaylord Mountain (North)</p> <p>Brooksvale Ave</p> <p>Old Lane Rd</p>	<p>been stabilized with mulch. Vegetation growth has been observed within the swale. 6/19/08</p> <p>Sediment is accumulating in the second and third sediment basins along the access road here. Additional controls/stabilization measures may be necessary. Vegetative growth has been noted within the trench along the access road. 6/19/08</p> <p>Spoils remain in the wetland near structure #24179. No controls were observed. 4/25-6/19/08</p> <p>Existing controls continue to function at wetland #100, but additional controls may be necessary. 6/19/08</p> <p>Access road controls remain functional here. Sediment basins need attention. 6/19/08</p>	<p>6/19/08</p> <p>Continue to monitor and maintain controls to prevent further sedimentation to the wetlands. See Wetland Section. 6/19/08</p> <p>Remove spoils from the wetland. 6/19/08</p> <p>Continue to monitor and add controls as necessary. 6/19/08</p> <p>Continue to monitor and maintain as necessary. 6/19/08</p>	<p>Additional haybales have been added to the sediment basin but <i>further evaluation/attention is needed</i></p> <p>Needs attention</p> <p>Needs evaluation/attention</p> <p>Needs attention</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p> <p>All sections</p>	<p>The ACOE permit is in hand and approved wetland work continues. 6/19/08</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, & 4009. 6/19/08</p>	<p>Follow general guidelines of the permit whenever work in wetlands occurs. 6/19/08</p> <p>Continue to monitor and add controls as necessary. 6/19/08</p>	<p>NA</p> <p>NA at this time</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Milford, CT Naugatuck Ave, Rt 121 and Oronoque Rd</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, & 24179. 6/19/08</p> <p>Timber mat crane pads remain adjacent to/in wetlands in these sections. 6/19/08</p>	<p>Continue to monitor and add controls as necessary. 6/19/08</p> <p>Continue to monitor and add controls as necessary. 6/19/08</p>	<p>NA at this time</p> <p>NA at this time</p>
<p>West River Street, Eisenhower Park, and North St</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. 6/19/08</p>	<p>Continue to monitor and add controls as necessary. 6/19/08</p>	<p>NA at this time</p>
	<p>Excess sediment from foundation drilling was observed on wetland timber mats in the ROW within Eisenhower Park. 6/19/08</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. 6/19/08</p>	<p>Needs attention when feasible</p>
<p>East Rutland Road (western access point)</p>	<p>A stone access road remains at the wetland crossing off East Rutland. An existing stone culvert was already in place here. 6/19/08</p>	<p>Continue to monitor. Install controls as necessary. 6/19/08</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,</p>	<p>Timber mat crane pads/crossings remain at the wetland areas here. Stone wetland crossings are in place at Lambert Rd</p>	<p>Continue to monitor. 6/19/08</p>	<p>NA at this time</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Racebrook Rd, and Route 34	and Treat Lane. 6/19/08		
Woodbridge, CT	Stone access roads and timber mat crossings remain in the wetland areas here. 6/19/08	Continue to monitor. 6/19/08	NA at this time
Clearview Lane	Turbid water was observed in the wetland here 4/11. No further accumulation has been observed. 6/19/08	Evaluate sediment accumulation within the wetland. Carefully remove sediment during the dry season if it is found to be greater than 2" in depth. See EC Section. 6/19/08	No further accumulation has been observed. <i>Needs further evaluation</i>
	The access road to structures #3899/24086 is impeding water flow from the eastern portion of the wetland to the western portion. 6/19/08	Evaluate options (i.e. re-grade access road or install culvert) to allow water to flow to the western portion of the wetland. 6/19/08	Needs evaluation
	Restoration efforts have begun in this area including timber mat removal and grading activities. 6/19/08	NA 6/19/08	NA
CC/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. 6/19/08	Continue to monitor. Adjust controls as necessary. 6/19/08	NA at this time
Rimmon Rd (south)	The timber mat crane pad crossing has been removed from the tributary stream near structure #24105. Vegetative growth has been noted and exposed soils appear stable at this time. 6/19/08	Continue to monitor. Restore as necessary. 6/19/08	The timber mat crossing has been removed from the stream near structure #24105

Areas of Inspection	Observation	Recommended Action	Corrected Action
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. 6/19/08	Continue to monitor. 6/19/08	NA at this time
Bethany, CT Morris to Hatfield	A stone access road and timber mats are in place in the wetland areas in this section. 6/19/08	Continue to monitor. 6/19/08	NA
Litchfield Turnpike	Excess sediment has accumulated on the timber mat crossings within the access road here. Some 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). 6/19/08	Carefully remove sediment from wetland areas when timber mats are removed. See EC Section. 6/19/08	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. 6/19/08	Continue to monitor. 6/19/08	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 and wetland vegetation growth has been noted. 6/19/08	Evaluate sediment accumulation within the wetland. Carefully remove sediment from wetland if it is greater than 2" in depth. 6/19/08	Needs evaluation/attention when feasible
	A spoil pile and tire ruts remain in the wetland area near structure #24179. 4/25-6/19/08	Remove spoils and grade/stabilize ruts. 6/19/08	Needs attention
Brooksvale Ave	Sediment had seeped through the mats and into	Carefully remove sediment from wetland areas if it	Needs evaluation/attention

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Whitney Ave</p> <p>115-kV underground transmission line Old Lane Road</p>	<p>wetland #100. 6/19/08</p> <p>Sediment remains in the wetland near structure #24195. 6/19/08</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). 6/19/08</p>	<p>exceeds 2” in depth when timber mats are removed. 6/19/08</p> <p>Carefully remove sediment from wetland areas if it exceeds 2” in depth. 6/19/08</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. 6/19/08</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&M plan, Wood Turtles are known to occur near the Wepawaug River at Eisenhower Park. Wood turtles are no longer considered dormant after April 1st. 6/19/08</p>	<p>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 from the construction area. “Sweeps” should be performed prior to the commencement of construction activities. 6/19/08</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. 6/19/08</p> <p>Exposed soils are being temporarily stabilized. 6/19/08</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&M plan. Provide as much buffer as possible for homeowners. 6/19/08</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.</p>	<p>NA</p> <p>Exposed soils are being temporarily stabilized</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
		<p>stabilization is achieved. 6/19/08</p>	
<p>Milford and Orange, CT</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. Grass growth was observed in many areas, including Caswell Street, Naugatuck Ave, Plains Road, Oronoque Road, Lexington Way, Wheelers Farm Road, Fresh Meadow Lane, North Street, Ridge Road, Pine Tree Drive, Sunset Drive, Russell Ave, Route 34, & Racebrook Road, last week. 6/19/08</p> <p>Vegetation covers approximately 80-85% of the restored area near structure #3832. See EC Section. 6/19/08</p> <p>Construction of the wetland mitigation area in Eisenhower Park appears</p>	<p>Continue to monitor until <i>final stabilization</i> is achieved. 6/19/08</p> <p>None at this time. The majority of this area appears stable. See EC Section. 6/19/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 6/19/08</p>	<p>Grass growth was observed in many areas</p> <p>NA</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Woodbridge, CT</p> <p>Rimmon Road</p> <p>Bethany and Hamden, CT</p>	<p>to be complete at this time (See East Devon Substation Report). Temporary stabilization measures are being removed and final stabilization techniques are being applied. 6/19/08</p> <p>115 kV crane pad reclamation and restoration work appears complete at this time. 345 kV restoration work has begun off Clearview Ln. Disturbed soils are being graded and mulched for temporary stabilization. 6/19/08</p> <p>Vegetative growth was observed here and soils appear stable where timber mats were removed at structure #3918. 6/19/08</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. Vegetative growth has been noted in many areas including Tom Swamp Rd, Brooksvale Ave, & Willow St. 6/19/08</p>	<p>Continue to monitor until <i>final stabilization</i> is achieved. 6/19/08</p> <p>Continue to monitor until final stabilization is achieved. 6/19/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 6/19/08</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. Grass growth has been noted in many areas</p>
<p>Dewatering Orange, CT Woodbridge, Bethany, and Hamden CT</p>	<p>Dewatering appears complete at this time. 6/19/08</p>	<p>NA. 6/19/08</p>	<p>NA</p>
<p>Blasting</p>	<p>No blasting is proposed at this time. 6/19/08</p>	<p>None. 6/19/08</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Spills, soils and material storage.	Contractor receiving yard is set up near Shelland St. in Milford. See segment 3 report. 6/19/08	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. 6/19/08	NA
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. 1/18/07-6/19/08	Noted for the record. 1/18/07-6/19/08	NA
	Non-project related sedimentation has been observed in the roadway off Caswell Street/Bic Drive in Milford. 6/19/08	Note for the record. 6/19/08	NA
	Non-project related soil piles have been observed within a wetland buffer off North St in Milford. 6/19/08	Note for the record. 6/19/08	NA

Next likely scheduled inspection: Thursday June 26, 2008

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



Wheelers Farm Rd (Milford): Vegetation covers approximately 80-85% of the restored area near structure #3832. However, channelized flow from stormwater runoff continues here. Controls remain functional.



Wheelers Farm Rd: Stormwater flows across the crane pad resulting in channelized flow near structure #3832.



Lambert Rd (Orange): A view of 115kV restoration efforts near Structure #3863. Some vegetative growth has been observed.



Lambert Rd: A view of 115kV restoration efforts near structure #3863. Some vegetative growth has been observed.



Lambert Rd: Vegetative growth has been noted and soils appear stable along the slope near structure #3863.



Clearview Ln (Woodbridge): Timber mat removal and 115/345 kV restoration efforts have begun in this area.



Rimmon Rd (Woodbridge): Vegetative growth has been noted and soils appear stable where timber mats were used to cross a stream near structure #3918.



Litchfield Turnpike (Bethany): The waterbar near structure #24148 remains functional.



Litchfield Turnpike: An additional view of the waterbar and sediment basin near structure #24148.



Litchfield Turnpike: Waterbars and sediment basins remain functional within the access road in this area.



Old Ln (Hamden): Access road controls continue to help control stormwater runoff in this area. Sediment basins need attention here.



Old Ln: Sediment basins along the access road need attention.