

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 30, 2008

Inspector: Matt Kelly

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

Rainfall: 0.11” of precipitation were recorded since the last inspection with 0.11” of the total recorded on 5/27. (NOAA data at New Haven, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways	Clearing and access road construction appear to be complete in these sections at this time. 5/30/08	Continue to monitor active work areas and add controls as necessary. See EC section. 5/30/08	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. 5/30/08	Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 5/30/08	Active areas need regular attention
All access roads	Mats remain at the wetland crossings in these sections. 5/30/08	Continue to monitor. 5/30/08	NA
Milford, CT Caswell St/Bic Dr	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> 5/30/08	Continue to monitor and sweep roadway as necessary. If sediment tracking continues, catch basin protection should be provided. 5/30/08	Sediment tracking/accumulation needs regular attention
Woodbridge, CT	The contractor has stated that catch basin protection	Continue to monitor. Sweep roadway as	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Pease Rd Hamden, CT Old Ln	has not been provided in this area due to flooding concerns. No tracking was observed this week. 5/30/08 Curb inlet protection has not been provided in this area. 5/30/08	necessary. 5/30/08 Continue to monitor. Provide and maintain inlet protection. 5/30/08	Needs attention
Foundation and site construction All sections	H- frame structure and lattice tower removal appears to be complete at this time. 5/30/08 115-kV foundation work appears to be complete within the ROW at this time. Restoration efforts continue. 5/30/08 345-kV foundation work and structure installation appears to be complete within the ROW at this time. Wire pulling and grounding activities continue. 5/30/08	Continue to monitor. 5/30/08 Continue to monitor. See EC Section. 5/30/08 Continue to monitor. See EC Section. 5/30/08	NA NA NA
Erosion and sediment controls Milford, CT Naugatuck Ave Plains Rd	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. 5/30/08 Silt fence is in need of repair near structure #3804. 5/30/08 Exposed soils and an erosive gully remain within the drainage swale located to the south of the substation. 2/1-5/30/08.	None at this time. Continue to utilize the appropriate erosion control measures and stabilize disturbed soils as necessary. 5/30/08 Maintain/add controls as necessary. 5/30/08 Fill gully with an appropriate material and stabilize exposed soils. 5/30/08	NA Needs attention when feasible Erosive gully needs attention when feasible

Areas of Inspection	Observation	Recommended Action	Corrected Action
Wheeler's Farm Rd	<p>An erosive gully was observed near structure #3832. Controls remain in place, but silt fence controls are nearing capacity. Some sediment had migrated around/ under the controls and off the ROW, but no further sediment accumulation was observed. Vegetation was observed within the gully. 5/30/08</p> <p>Ground water is no longer breaking through and flowing across the access road and crane pad near structure #3832, but stormwater continues to channelize within the ROW. 5/30/08</p>	<p>Continue to monitor and add/maintain controls as necessary until stabilized with vegetation. 5/30/08</p> <p>Continue to monitor and add controls/stabilize as necessary. 5/30/08</p>	<p>Vegetative growth was observed in the gully this week. <i>Needs further evaluation/attention</i></p> <p>Needs attention/evaluation</p>
Eisenhower Park	<p>Excess sediment from foundation drilling was observed on wetland timber mats in this section. 1/24-5/30/08</p>	<p>Remove excess sediment from timber mat pads and add controls as necessary. See Wetland Section. 5/30/08</p>	<p>Needs attention when feasible</p>
Orange, CT Russell Ave	<p>A trench was installed along the access road here in an effort to control stormwater runoff. 5/30/08</p>	<p>Continue to monitor. 5/30/08</p>	<p>NA</p>
Lambert Rd	<p>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. 5/30/08</p>	<p>Continue to monitor. 5/30/08</p>	<p>NA</p>
Dogwood Rd	<p>Silt fence is in need of repair near structure #24067. 3/12-5/30/08</p>	<p>Repair/add controls as necessary. 5/30/08</p>	<p>Needs attention when feasible</p>
Dogburn Rd	<p>Access road controls are still in need of repair and waterbars are no longer</p>	<p>Repair/add controls as necessary. 5/30/08</p>	<p>Needs evaluation/attention</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Route 34	functional near structure #24077. 4/11-5/30/08 Spoils remain within the ROW off Rt. 34. Piles appear to be contained in the upland portions of the ROW. 5/30/08	Remove spoil piles when feasible. 5/30/08	Needs attention when feasible
Woodbridge, CT Clearview Ln	Stormwater is flowing over the access road and into the adjacent wetland. 4/11-5/30/08	Add/maintain controls as necessary. See Wetlands Section. 5/30/08	Needs attention when feasible
Bethany & Hamden, CT	Spoils remain on the ROW off Litchfield Tpk, Hatfield Rd, Downs to Gaylord Mtn Rd, Tom Swamp, & Brooksvale Ave. 5/30/08	Remove spoil piles when feasible. 5/30/08	Remaining spoil piles Need attention when feasible
Bethany, CT Litchfield Tpk	Access road controls remain intact, but sediment from the road continues to accumulate on some of the wetland crossings in this section. 5/30/08	Continue to monitor and add/maintain controls to prevent sediment migration to the wetlands. 5/30/08	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. 5/30/08	Monitor during large rain events and continue to add/maintain controls as necessary. Continue to monitor until final stabilization is achieved. 5/30/08	Needs additional monitoring
Gaylord Mountain (North)	Sediment is accumulating in the second and third sediment basins located along the access road. Additional controls/stabilization measures may be necessary. Vegetative growth has been noted within the trench along the access road. 5/30/08	Continue to monitor and maintain controls to prevent further sedimentation to the wetlands. See Wetland Section. 5/30/08	Additional haybales have been added to the sediment basin but <i>further evaluation/attention is needed</i>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Brooksvale Ave	<p>Spoils remain in the wetland near structure #24179. No controls were observed. 4/25-5/30/08</p> <p>Existing controls continue to function, but additional controls may be necessary. 5/30/08</p>	<p>Remove spoils from the wetland. 5/30/08</p> <p>Continue to monitor and add controls as necessary. 5/30/08</p>	<p>Needs attention</p> <p>Needs evaluation/attention/</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p> <p>All sections</p> <p>Milford, CT</p> <p>Naugatuck Ave, Rt 121 and Oronoque Rd</p> <p>West River Street, Eisenhower Park, and</p>	<p>The ACOE permit is in hand and approved wetland work continues. 5/30/08</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. 5/30/08</p> <p>Foundations for 345-kV structures that have been installed in wetlands (as approved) include: #'s 24023 (2), 24024, 24025, 24026, 24030, 24042, 24057, 24061, 24067, 24068, 24072 (2), 24090, 24091, 24092R, 24099, 24100, 24101, 24102, 24103, 24104, 24110, 24119(2), 24146, 24166, & 24179. 5/30/08</p> <p>Timber mat crane pads remain adjacent to/in wetlands in these sections. 5/30/08</p> <p>A stone access road remains within the wetland accessed from</p>	<p>Follow general guidelines of the permit whenever work in wetlands occurs. 5/30/08</p> <p>Continue to monitor and add controls as necessary. 5/30/08</p> <p>Continue to monitor and add controls as necessary. 5/30/08</p> <p>Continue to monitor and add controls as necessary. 5/30/08</p> <p>Continue to monitor and add controls as necessary. 5/30/08</p>	<p>NA</p> <p>NA at this time</p> <p>NA at this time</p> <p>NA at this time</p> <p>NA at this time</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
North St	<p>wetland accessed from West River Street. Timber mat crane pads remain within the wetland areas in these sections. 5/30/08</p> <p>Excess sediment from foundation drilling was observed on wetland timber mats in the ROW within Eisenhower Park. 5/30/08</p>	<p>5/30/08</p> <p>Evaluate sediment accumulation within the wetland when mats are removed. Carefully remove sediment during the dry season if it is found to be greater than 2" in depth. See EC Section. 5/30/08</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. 5/30/08</p>	<p>Continue to monitor. Install controls as necessary. 5/30/08</p>	<p>NA at this time.</p>
<p>Orange, CT</p> <p>Sunset Drive, Pine Tree Rd (east), Treat Lane, Lambert Rd, Russell Ave, Hunting Hill Road, Racebrook Rd, and Route 34</p>	<p>Timber mat crane pads/crossings remain at the wetland areas here. Stone wetland crossings are in place at Lambert Rd and Treat Lane. 5/30/08</p>	<p>Continue to monitor. 5/30/08</p>	<p>NA at this time</p>
Woodbridge, CT	<p>Stone access roads and timber mat crossings remain in the wetland areas here. 5/30/08</p>	<p>Continue to monitor. 5/30/08</p>	<p>NA at this time</p>
Clearview Lane	<p>Turbid water was observed in the wetland here 4/11. No further accumulation has been observed. 5/30/08</p> <p>The access road to structures #3899/24086 is impeding water flow from the eastern portion of the wetland to the western</p>	<p>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. 5/30/08</p> <p>Evaluate options (i.e. re-grade access road or install culvert) to allow water to flow to the western portion of the wetland. 5/30/08</p>	<p>No further accumulation has been observed. <i>Needs further evaluation</i></p> <p>Needs evaluation</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
JCC/B’Nai Jacob	<p>portion. 5/30/08</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. 5/30/08</p>	Continue to monitor. Adjust controls as necessary. 5/30/08	NA at this time
Rimmon Rd (south)	The timber mat crane pad crossing has been removed from the tributary stream near structure #24105. 5/30/08	Continue to monitor. Restore as necessary. 5/30/08	The timber mat crossing has been removed from the stream near structure #24105
Oak Lane CC, Cow Path Lane, Salem Rd, Rimmon Rd, Brookwood Dr, Center Rd, Ansonia Rd, Manville Rd and Clear Ln to Rte 15	Timber mat crane pads remain within the wetlands in these sections. 5/30/08	Continue to monitor. 5/30/08	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. 5/30/08	Continue to monitor. 5/30/08	NA
Litchfield Turnpike	Excess sediment has accumulated on the timber mat crossings within the access road here. Sediment has seeped through the mats and into wetlands #116 (between structures #3964 and #3965), #115 (between structures #3965 and #3966) and #114 (between structure #3966 and #3967). 5/30/08	Carefully remove sediment from wetland areas when timber mats are removed. See EC Section. 5/30/08	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. 5/30/08	Continue to monitor. 5/30/08	NA at this time

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Gaylord Mtn. Rd. (North)</p> <p>Brooksvale Ave</p> <p>Whitney Ave</p> <p>115-kV underground transmission line Old Lane Road</p>	<p>Sediment remains in the wetland area located to the southwest of structure #3992. 12/20/07-No further accumulation has been observed and wetland vegetation growth has been noted. 5/30/08</p> <p>A spoil pile and tire ruts remain in the wetland area near structure #24179. 4/25-5/30/08</p> <p>Sediment had seeped through the mats and into wetland #100. 5/30/08</p> <p>Sediment remains in the wetland near structure # 24195. 5/30/08</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). 5/30/08</p>	<p>Evaluate sediment accumulation within the wetland. Carefully remove sediment from wetland if it is greater than 2” in depth. 5/30/08</p> <p>Remove spoils and grade/stabilize ruts. 5/30/08</p> <p>Carefully remove sediment from wetland areas if it exceeds 2” in depth when timber mats are removed. 5/30/08</p> <p>Carefully remove sediment from wetland areas if it exceeds 2” in depth. 5/30/08</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. 5/30/08</p>	<p>Needs evaluation/attention when feasible</p> <p>Needs attention</p> <p>Needs evaluation/attention</p> <p>Needs evaluation</p> <p>Needs further evaluation</p>
<p>State species of concern, threatened and endangered species.</p>	<p>According to the D&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. 5/30/08</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. 5/30/08</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
Vegetative clearing or stabilization All active roads (all towns) Milford and Orange, CT	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. 5/30/08	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. 5/30/08	NA
	Exposed soils are being temporarily stabilized. 5/30/08	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. 5/30/08	Exposed soils are being temporarily stabilized
	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, North Street, Ridge Road, Pine Tree Drive, Sunset Drive, Russell Ave, Route 34, & Racebrook Road, last week. 5/30/08	Continue to monitor until <i>final stabilization</i> is achieved. 5/30/08	Grass growth was observed in many areas
Construction of the wetland mitigation area in Eisenhower Park appears to be complete at this time (See East Devon Substation Report). Temporary stabilization	Continue to monitor until <i>final stabilization</i> is achieved. 5/30/08	NA	

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Woodbridge, CT</p> <p>Bethany and Hamden, CT</p> <p>Old Lane Road</p>	<p>measures are being removed and final stabilization techniques are being applied. 5/30/08</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. 5/30/08</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. 5/30/08</p> <p>The overhead access road has been stabilized with stone. Hydroseed was applied to exposed soils. 5/30/08</p>	<p>Continue to monitor until final <i>stabilization</i> is achieved. 5/30/08</p> <p>Continue to monitor until final <i>stabilization</i> is achieved. 5/30/08</p> <p>Continue to monitor until final <i>stabilization</i> is achieved. 5/30/08</p>	<p>Disturbed soils are being graded and mulched for temporary stabilization</p> <p>Disturbed soils are being graded and mulched for temporary stabilization. Grass growth has been noted in many areas</p> <p>NA</p>
<p>Dewatering Orange, CT Woodbridge, Bethany, and Hamden CT</p>	<p>Dewatering appears complete at this time. 5/30/08</p>	<p>NA. 5/30/08</p>	<p>NA</p>
<p>Blasting</p>	<p>No blasting is proposed at this time. 5/30/08</p>	<p>None. 5/30/08</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. 5/30/08</p>	<p>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. 5/30/08</p>	<p>NA</p>

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. 1/18/07-5/30/08	Noted for the record. 1/18/07-5/30/08	NA
	Non-project related sedimentation has been observed in the roadway off Caswell Street/Bic Drive in Milford. 5/30/08	Note for the record. 5/30/08	NA
	Non-project related soil piles have been observed within a wetland buffer off North St in Milford. 5/30/08	Note for the record. 5/30/08	NA

Next likely scheduled inspection: Friday June 6, 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



Wheelers Farm Rd (Milford): Grass growth was observed within the erosive gully near structure #3832.



Wheelers Farm Rd: No further sediment accumulation has been observed within the controls near structure #3832.



Wheelers Farm Rd: An additional view of the silt fence near structure #3832.



Wheelers Farm Rd: Ground water is no longer flowing across the access road and crane pad near structure #3832. However, stormwater continues to channelize within the ROW.



North St (Milford): A view of non-project related activity within the ROW near structure #3845/24032. This activity is within the wetland buffer.



North St (south): A view of 115kV restoration efforts near structure #3844.



North St (south): An additional view of 115kV restoration efforts near structure #3844.



North St south: Timber mats remain within the wetland area here.



Pine Tree Dr (Orange): Timber mats remain within the wetland areas here.



Sunset Dr (Orange): Timber mats remain within the wetland area here.



Gaylord Mtn Rd north (Hamden): Vegetative growth was observed within the trench located along the access road.



Gaylord Mtn Rd north: An additional view of the vegetative growth within the trench along the access road.



Gaylord Mtn Rd north: A view of the first culvert outlet and sediment basin along the access road. No sediment accumulation was noted here.



Gaylord Mtn Rd north: An additional view of the trench located along the access road. Vegetation growth has been noted.



Gaylord Mtn Rd north: A view of the second culvert outlet and sediment basin located adjacent to the access road. Wetland vegetation has been noted in this area. Sediment has accumulated within the sediment basin.



Gaylord Mtn Rd north: A view of the third culvert outlet and sediment basin located adjacent to the access road. Sediment accumulation has been noted within the basin here.