

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: July 1, 2008

Inspector: Matt Kelly

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

Rainfall: 0.14” of precipitation were recorded since the last inspection with 0.08” of the total reported on 6/29. (NOAA data at New Haven, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways Milford, CT Caswell St/Bic Dr	Some sediment tracking was observed in this section, 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. 7/1/08</i>	Continue to monitor and sweep roadway as necessary. If sediment tracking continues, catch basin protection should be provided. 7/1/08	NA
Shelland St	Some sediment tracking was observed at the entrance to the storage yard. Catch basin protection has been provided in this area. 7/1/08	Continue to monitor and sweep roadway as necessary. 7/1/08	Sediment tracking/accumulation needs regular attention
Oronoque Rd	Stone pads and access roads have been removed from the ROW. The access and pad areas have been returned to original grade. 7/1/08	Continue to monitor until restoration activities are complete and the area is stabilized with vegetation. 7/1/08	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>has migrated around/ under the controls and off the ROW, but no further sediment accumulation was observed. Vegetative growth was observed within the gully. 7/1/08</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. 5/30-7/1/08</p>	<p>Continue to monitor and add/maintain controls as necessary. 7/1/08</p>	<p>Needs attention/ evaluation</p>
Eisenhower Park	<p>Excess sediment from foundation drilling was observed on wetland timber mats in this section. 1/24-7/1/08</p>	<p>Remove excess sediment from timber mat pads and add controls as necessary. See Wetland Section. 7/1/08</p>	<p>Needs attention when feasible</p>
Orange, CT Dogwood Rd	<p>Silt fence is in need of repair near structure #24067. 3/12-7/1/08</p>	<p>Repair/add controls as necessary. 7/1/08</p>	<p>Needs attention when feasible</p>
Dogburn Rd	<p>Access road controls are still in need of repair and waterbars are no longer functional near structure #24077. Sediment accumulation was observed against the silt fence controls above Maltby Lake and within the access road. 4/11-7/1/08</p>	<p>Continue to monitor and repair/add controls as necessary. 7/1/08</p>	<p>Needs evaluation/ attention</p>
Route 34	<p>Spoils remain within the ROW off Rt. 34. Piles appear to be contained in the upland portions of the ROW. 7/1/08</p>	<p>Remove spoil piles when feasible. 7/1/08</p>	<p>Needs attention when feasible</p>
Woodbridge, CT Glen Dam	<p>The sediment basin located along the access road near structure #3950 is no longer functional. 7/1/08</p>	<p>Remove sediment from the basin to restore function. 7/1/08</p>	<p>Needs attention</p>

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Bethany & Hamden, CT	Spoils remain on the ROW off Litchfield Tpk, Hatfield Rd, Downs to Gaylord Mtn Rd, Tom Swamp, & Brooksvale Ave. 7/1/08	Remove spoil piles when feasible. 7/1/08	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. 7/1/08	Continue to monitor and add/maintain controls to prevent sediment migration to the wetlands. 7/1/08	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. An erosive gully has been observed in the northern portion of the swale. Vegetative growth was noted. 7/1/08	Continue to monitor until final stabilization is achieved. The swale remains functional but additional controls are needed to help control stormwater and erosion. Monitor during large rain events and continue to add/maintain controls as necessary. 7/1/08	Needs additional evaluation/monitoring
Gaylord Mountain (North)	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 observed within the trench along the access road. 7/1/08	Continue to monitor and maintain controls to prevent further sedimentation to the wetlands. See Wetland Section. 7/1/08	Additional haybales have been added to the sediment basin but <i>further evaluation/attention is needed</i>
Brooksvale Ave	Spoils remain in the wetland near structure #24179. No controls were observed here. 4/25-7/1/08	Remove spoils from the wetland. 7/1/08	Needs attention
Brooksvale Ave	Existing controls continue to function at wetland #100, but additional controls may be necessary.	Continue to monitor and add/maintain controls as necessary. 7/1/08	Needs evaluation/attention

Areas of Inspection	Observation	Recommended Action	Corrected Action
Old Lane Rd	<p>The sediment basin is nearing capacity. 7/1/08</p> <p>Access road controls remain functional here. Sediment basins need attention. 7/1/08</p>	Continue to monitor and maintain as necessary. 7/1/08	Needs attention
<p>Inland Wetland and Watercourse encroachment and mitigation</p> <p>All sections</p> <p>Milford, CT</p> <p>Rt 121/North St</p> <p>West River Street, Eisenhower Park, and North St</p>	<p>The ACOE permit is in hand and approved wetland work continues. 7/1/08</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. 7/1/08</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. 7/1/08</p> <p>Timber mat crane pads remain adjacent to/in wetlands in these sections. 7/1/08</p> <p>A stone access road remains within the wetland accessed from West River Street. Timber mat crane pads remain</p>	<p>Follow general guidelines of the permit whenever work in wetlands occurs. 7/1/08</p> <p>Continue to monitor and add controls as necessary. 7/1/08</p> <p>Continue to monitor and add controls as necessary. 7/1/08</p> <p>Continue to monitor and add controls as necessary. 7/1/08</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
<p>East Rutland Road (western access point)</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>Woodbridge, CT</p> <p>CC/B'Nai Jacob</p> <p>Rimmon Rd (south)</p>	<p>within the wetland areas in these sections. 7/1/08</p>		
	<p>Excess sediment from foundation drilling was observed on wetland timber mats in the ROW within Eisenhower Park. 7/1/08</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. 7/1/08</p>	<p>Needs attention when feasible</p>
	<p>A stone access road remains at the wetland crossing off East Rutland. An existing stone culvert was already in place here. 7/1/08</p>	<p>Continue to monitor. Install controls as necessary. 7/1/08</p>	<p>NA at this time.</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. 7/1/08</p>	<p>Continue to monitor. 7/1/08</p>	<p>NA at this time</p>
	<p>Stone access roads and timber mat crossings remain in the wetland areas here. 7/1/08</p>	<p>Continue to monitor. 7/1/08</p>	<p>NA at this time</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. 7/1/08</p>	<p>Continue to monitor. Adjust controls as necessary. 7/1/08</p>	<p>NA at this time</p>
	<p>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</p>	<p>Continue to monitor. Restore as necessary. 7/1/08</p>	<p>NA</p>

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<p>Oak Lane CC, Cow Path Lane, Salem Rd, Rimmon Rd, Brookwood Dr, Center Rd, Ansonia Rd, and Manville Rd</p>	<p>time. 7/1/08 Timber mat crane pads remain within the wetlands in these sections. 7/1/08</p>	<p>Continue to monitor. 7/1/08</p>	<p>NA at this time</p>
<p>Bethany, CT Morris to Hatfield</p>	<p>A stone access road and timber mats are in place in the wetland areas in this section. 7/1/08</p>	<p>Continue to monitor. 7/1/08</p>	<p>NA</p>
<p>Litchfield Turnpike</p>	<p>Some sediment has accumulated on the mats near wetlands #116 (between structures #3964 and #3965), #115 (between structures #3965 and #3966) and #114 (between structure #3966 and #3967). Sediment does not appear to be accumulating in the wetlands at these crossings. 7/1/08</p>	<p>Evaluate methods to eliminate sediment migration from the access road to the wetlands. See EC Section. 7/1/08</p>	<p>Needs evaluation/attention</p>
<p>Hamden,CT West Todd St, Tom Swamp/Arrow Rd, Willow Street, Brooksvale Ave, and Old Lane Rd</p>	<p>Temporary stone access roads and timber mats remain in some of the wetland areas in these sections. 7/1/08</p>	<p>Continue to monitor. 7/1/08</p>	<p>NA at this time</p>
<p>Gaylord Mtn. Rd. (North)</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 has been observed. 7/1/08</p>	<p>Evaluate sediment accumulation within the wetland. Carefully remove sediment from wetland if it is greater than 2” in depth. 7/1/08</p>	<p>Needs evaluation/attention when feasible</p>
	<p>A spoil pile and tire ruts remain in the wetland area near structure #24179. 4/25-7/1/08</p>	<p>Remove spoils and grade/stabilize ruts. 7/1/08</p>	<p>Needs attention</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Brooksvale Ave</p> <p>Whitney Ave</p> <p>115-kV underground transmission line Old Lane Road</p>	<p>Sediment had seeped through the mats and into wetland #100. 7/1/08</p> <p>Sediment remains in the wetland near structure #24195. 7/1/08</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). 7/1/08</p>	<p>Carefully remove sediment from wetland areas if it exceeds 2” in depth when timber mats are removed. 7/1/08</p> <p>Carefully remove sediment from wetland areas if it exceeds 2” in depth. 7/1/08</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. 7/1/08</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. 7/1/08</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. 7/1/08</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. 7/1/08</p> <p>Exposed soils have been temporarily stabilized.</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. 7/1/08</p> <p>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
Milford and Orange, CT	7/1/08 115 kV crane pad reclamation and restoration work appear complete at this time. Disturbed soils are being graded and mulched for temporary stabilization. Vegetative growth has been noted throughout the ROW in these areas. 7/1/08	7/1/08 Continue to monitor until <i>final stabilization</i> is achieved. 7/1/08	Grass growth was observed in many areas
Oronoque Rd	345 kV restoration efforts are complete off Oronoque Rd and continue in sections of Milford. 7/1/08	Continue to monitor until <i>final stabilization</i> is achieved. 7/1/08	NA
Wheelers Farm Rd	Vegetation covers approximately 80-85% of the restored area near structure #3832. See EC Section. 7/1/08	None at this time. The majority of this area appears stable. See EC Section. 7/1/08	NA
Eisenhower Park	Construction of the wetland mitigation area in Eisenhower Park appears to be complete at this time (See East Devon Substation Report). Final stabilization techniques are being applied. 7/1/08	Continue to monitor until <i>final stabilization</i> is achieved. 7/1/08	NA
Woodbridge, CT	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 observed throughout the ROW in this area. 7/1/08	Continue to monitor until <i>final stabilization</i> is achieved. 7/1/08	Disturbed soils are being graded and mulched for temporary stabilization
Rimmon Road	Vegetative growth was observed here and soils appear stable where	Continue to monitor until final stabilization is achieved. 7/1/08	Vegetative has been noted and soils appear stable

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Clearview Lane</p> <p>Bethany and Hamden, CT</p>	<p>timber mats were removed at structure #3918. 7/1/08</p> <p>345 kV restoration efforts including stone/timber mat removal, grading, and temporary stabilization activities appear complete in this area at this time. 7/1/08</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 throughout the ROW in these areas. 7/1/08</p>	<p>Continue to monitor until final stabilization is achieved. 7/1/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 7/1/08</p>	<p>Restoration efforts appear complete here</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. 7/1/08</p>	<p>NA. 7/1/08</p>	<p>NA</p>
<p>Blasting</p>	<p>No blasting is proposed at this time. 7/1/08</p>	<p>None. 7/1/08</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. 7/1/08</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. 7/1/08</p>	<p>NA</p>
<p>Additional Observations</p>	<p>Non-project related activity was noted within the ROW off Sunset Dr. A trench was dug near the first structure and a pipe appears to have been installed to divert water from an unknown location. 1/18/07-7/1/08</p>	<p>Noted for the record. 1/18/07-7/1/08</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	Non-project related sedimentation has been observed in the roadway off Caswell Street/Bic Drive in Milford. 7/1/08	Note for the record. 7/1/08	NA
	Non-project related soil piles have been observed within a wetland buffer off North St in Milford. 7/1/08	Note for the record. 7/1/08	NA

Next likely scheduled inspection: Friday July 11, 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



Oronoque Rd (Milford): A view of 345 kV restoration efforts.



Oronoque Rd: Crane pads have been removed and exposed soils have been temporarily stabilized with mulch.



Oronoque Rd: Crane pads have been removed and exposed soils have been temporarily stabilized with mulch near structure # 24008.



Oronoque Rd: An additional view of restoration efforts near structure #24008.