

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: April 25, 2008

Inspector: Matt Kelly

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

Rainfall: 0.00” of precipitation were recorded since the last inspection.
(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. 4/25/08 Stone pads remain in place at all entrances to access roads. New stone is being added to pads as necessary. 4/25/08	Continue to monitor active work areas and add controls as necessary. See EC section. 4/25/08 Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 4/25/08	Not Applicable (NA) Active areas need regular attention
Milford, CT Caswell St/Bic Dr	Mats remain at the wetland crossings in these sections. 4/25/08 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> 4/25/08	Continue to monitor. 4/25/08 Continue to monitor and sweep roadway as necessary. 4/25/08	NA Sediment tracking/accumulation needs regular attention

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Woodbridge, CT Pease Rd	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. 4/25/08	Continue to monitor. Sweep roadway as necessary. 4/25/08	NA
Hamden, CT Old Ln	Curb inlet protection has not been provided in this area. 4/25/08	Continue to monitor. Provide and maintain inlet protection. 4/25/08	Needs attention
Foundation and site construction All sections	H- frame structure and lattice tower removal appears to be complete at this time. 4/25/08	Continue to monitor. 4/25/08	NA
	115-kV foundation work appears to be complete within the ROW at this time. 4/25/08	Continue to monitor. See EC Section. 4/25/08	NA
	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. 4/25/08	Continue to monitor. See EC Section. 4/25/08	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. Timber mats and erosion controls are in place in and adjacent to wetland areas. 4/25/08	None at this time. Continue to utilize the appropriate erosion control measures and stabilize disturbed soils as necessary. 4/25/08	NA
Milford, Orange, & Woodbridge, CT	Spoils remain on Naugatuck Ave, Dogwood Rd, Route 34, Brookwood Dr, & Pease Rd. Piles appear to be contained in the upland portions of the ROW. 4/25/08	Remove spoil piles when feasible. 4/25/08	Remaining spoil piles need attention when feasible

Areas of Inspection	Observation	Recommended Action	Corrected Action
Naugatuck Ave	ROW. 4/25/08 Silt fence is in need of repair near structure #3804. 4/25/08	Maintain/add controls as necessary. 4/25/08	Needs attention when feasible
Plains Rd	Exposed soils and an erosive gully remain within the drainage swale located to the south of the substation. 2/1-4/25/08.	Fill gully with the appropriate material and stabilize exposed soils. 4/25/08	Erosive gully needs attention when feasible
Wheelers Farm Rd	An erosive gully was observed near structure #3832. Silt fence controls have been repaired and are functional, but haybales are at capacity. Some sediment has migrated around/under the controls and off the ROW. 4/25/08	Continue to monitor and add/maintain controls as necessary. 4/25/08	Needs evaluation/attention
Eisenhower Park	Excess sediment from foundation drilling was observed on wetland timber mats in this section. 1/24-4/25/08	Remove excess sediment from timber mat pads and add controls as necessary. See Wetland Section. 4/25/08	Needs attention when feasible
Orange, CT Dogwood Rd	Silt fence is in need of repair near structure #24067. 3/12-4/25/08	Repair/add controls as necessary. 4/25/08	Needs attention when feasible
Dogburn Rd	Access road controls are still in need of repair and waterbars are no longer functional near structure #24077. 4/11-4/25/08	Repair/add controls as necessary. 4/25/08	Needs evaluation/attention
Woodbridge, CT Glen Dam Reservoir	Exposed soils have been temporarily stabilized with mulch near structure #3950. The erosive gully has been graded and temporarily stabilized. 4/18/08	Continue to monitor for stabilization and add controls as necessary. 4/25/08	Exposed soils have been temporarily stabilized with mulch. The gully has been graded and stabilized.
Clearview Ln	Sediment laden stormwater is flowing over the access road and into	Add/maintain controls as necessary. See Wetlands Section. 4/25/08	Needs attention

Areas of Inspection	Observation	Recommended Action	Corrected Action
Brookwood Drive	the adjacent wetland. 4/25/08 A spoil pile remains within the wetland buffer near structure #24096. Spoils appear to be contained on site. 4/25/08	Remove spoil pile when feasible. 4/25/08	Needs attention when feasible
Bethany & Hamden, CT	Spoils remain on the ROW off Litchfield TPK, Hatfield Rd, Downs to Gaylord Mtn Rd, & Tom Swamp. 4/25/08	Remove spoil piles when feasible. 4/25/08	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. 4/25/08	Add/maintain controls to prevent sediment migration to the wetlands. 4/25/08	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. Stone and silt fence controls have been removed and exposed soils have been stabilized with mulch. 4/25/08	Monitor during large rain events and continue to add/maintain controls as necessary. Continue to monitor until final stabilization is achieved. 4/25/08	Needs additional monitoring
	Improvements/repairs have been made to perimeter controls to help control and filter stormwater runoff. Riprap is in place along the ROW perimeter and at structure #24169. Exposed soils have been temporarily stabilized.	Continue to monitor and maintain as necessary. 4/25/08	Improvements/repairs have been made to the perimeter controls and exposed soils have been temporarily stabilized
Gaylord Mountain (North)	Sediment is accumulating in the sediment basin near structure #3992. Additional controls/stabilization measures may be necessary. Exposed	Continue to monitor and maintain controls to prevent further sedimentation to the wetlands. Stabilize soils within the trench along the	Additional haybales have been added to the sediment basin but <i>further attention/evaluation is needed</i>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Brooksvale Ave	<p>soils remain within the trench along the access road. 4/25/08</p> <p>Spoils remain in the wetland area near structure #24179. No controls were observed. 4/25/08</p> <p>Existing controls continue to function, but additional controls may be necessary. 4/25/08</p>	<p>access rd. See Wetland Section. 4/25/08</p> <p>Remove spoils from the wetland. 4/25/08</p> <p>Continue to monitor and add controls as necessary. 4/25/08</p>	<p>Needs attention</p> <p>Needs attention/evaluation</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>The ACOE permit is in hand and approved wetland work continues. 4/25/08</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, 3912, 3913, 3914, 3915, 3916, 3917, 3918, 3923, 3992, 3993, & 4009. 4/25/08</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, 24099, 24100, 24101, 24102, 24103, 24104, 24110, 24146, & 24179. 4/25/08</p> <p>Timber mat crane pads remain adjacent to/in wetlands in these sections. 4/25/08</p>	<p>Follow general guidelines of the permit whenever work in wetlands occurs. 4/25/08</p> <p>Continue to monitor and add controls as necessary. 4/18/08</p> <p>Continue to monitor and add controls as necessary. 4/18/08</p> <p>Continue to monitor and add controls as necessary. 4/25/08</p>	<p>NA</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
West River Street, Eisenhower Park, and North St	<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. 4/25/08</p> <p>Excess sediment from foundation drilling was observed on wetland timber mats in the ROW within Eisenhower Park. 4/25/08</p>	<p>Continue to monitor and add controls as necessary. 4/25/08</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. 4/25/08</p>	<p>NA at this time</p> <p>Needs attention when feasible</p>
East Rutland Road (western access point)	A stone access road remains at the wetland crossing off East Rutland. An existing stone culvert was already in place here. 4/25/08	Continue to monitor. Install controls as necessary. 4/25/08	NA at this time.
Orange, CT 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. 4/25/08	Continue to monitor. 4/25/08	NA at this time
Woodbridge, CT	Stone access roads and timber mat crossings remain in the wetland areas here. 4/25/08	Continue to monitor. 4/25/08	NA at this time
Clearview Lane	Turbid water was observed in the wetland here. 4/25/08	Evaluate sediment accumulation within the wetland. See EC Section. 4/25/08	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	Continue to monitor. Adjust controls as necessary. 4/25/08	NA at this time

Areas of Inspection	Observation	Recommended Action	Corrected Action
	in portions of the wetlands in these sections. 4/25/08		
Rimmon Rd/B’Nai	Sediment was observed in the wetland near structure #3922. 4/25/08	Carefully remove sediment during the dry season if it is greater than 2” in depth. 4/25/08	Needs evaluation/attention
Rimmon Rd (south)	The timber mat crane pad crossing has been removed from the tributary stream near structure #24105. 4/25/08	Continue to monitor. Restore as necessary. 4/25/08	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. 4/25/08	Continue to monitor. 4/25/08	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. 4/25/08	Continue to monitor. 4/25/08	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). 4/25/08	Carefully remove sediment from wetland areas when timber mats are removed. See EC Section. 4/25/08	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. 4/25/08	Continue to monitor. 4/25/08	NA at this time
Gaylord Mtn. Rd. (North)	Sediment remains in the wetland area located to	Evaluate sediment accumulation within the	Needs evaluation/attention when feasible

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Brooksvale Ave</p> <p>Whitney Ave</p> <p>Willow St</p> <p>115-kV underground transmission line Old Lane Road</p>	<p>the southwest of structure #3992. 12/20/07-4/25/08</p> <p>A spoil pile and tire ruts remain in the wetland area near structure #24179. 4/25/08</p> <p>Sediment had seeped through the mats and into wetland #100. 4/25/08</p> <p>Some sediment has migrated into the wetland near structure # 24195. 4/25/08</p> <p>Timber mats were used in this area to assist with lattice tower removal. 4/25/08</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). 4/25/08</p>	<p>wetland. Carefully remove sediment from wetland if it is greater than 2” in depth. 4/25/08</p> <p>Remove spoils and grade/stabilize ruts. 4/25/08</p> <p>Carefully remove sediment from wetland areas if it exceeds 2” in depth when timber mats are removed. 4/25/08</p> <p>Carefully remove sediment from wetland areas if it exceeds 2” in depth. 4/25/08</p> <p>NA. Mats have been removed. 4/25/08</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. 4/25/08</p>	<p>Needs attention</p> <p>Needs evaluation/attention</p> <p>Needs evaluation</p> <p>NA</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. 4/25/08</p>	<p>Wood turtles are no longer considered dormant after April 1st. 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.</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
		4/25/08	
<p>Vegetative clearing or stabilization</p> <p>All active roads (all towns)</p> <p>Milford and Orange, CT</p> <p>Woodbridge, CT</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. 4/25/08</p> <p>Exposed soils are being temporarily stabilized. 4/25/08</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. 4/25/08</p> <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 in place. 4/25/08</p> <p>115 kV crane pad reclamation and restoration work appears complete at this time. Disturbed soils are being graded and mulched for</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. 4/25/08</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. 4/25/08</p> <p>Continue to monitor until stabilization is achieved. 4/25/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 4/25/08</p> <p>Continue to monitor until stabilization is achieved. 4/25/08</p>	<p>NA</p> <p>Exposed soils are being temporarily stabilized</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</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Bethany and Hamden, CT	temporary stabilization. 4/25/08 115 kV crane pad reclamation and restoration work appears complete at this time. Disturbed soils are being graded and mulched for temporary stabilization. 4/25/08	Continue to monitor until <i>final stabilization</i> is achieved. 4/25/08	Disturbed soils are being graded and mulched for temporary stabilization
Old Lane Road	The overhead access road has been stabilized with stone. Hydroseed was applied to exposed soils. 4/25/08	Continue to monitor until <i>final stabilization</i> is achieved. 4/25/08	NA
Dewatering Orange, CT Woodbridge, Bethany, and Hamden CT	Dewatering appears complete at this time. 4/25/08	NA. 4/25/08	NA
Blasting	No blasting is proposed at this time. 4/25/08	None. 4/25/08	NA
Spills, soils and material storage.	Contractor receiving yard is set up near Shelland St. in Milford. See segment 3 report. 4/25/08	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. 4/25/08	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. 4/25/08	Continue to monitor. 4/25/08	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	Continue to monitor. 4/25/08	The Contractor stated that the oily sheen does not appear to be project related

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Hamden Gaylord Mtn Rd	to be project related. 4/25/08 Construction equipment was removed from the wetland area near structure #24179. 4/25/08	All construction vehicles should be parked at least 100 feet from a wetland or waterbody when feasible. 4/25/08	Construction equipment was removed
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. 1/18/07-4/25/08	Noted for the record. 1/18/07-4/25/08	NA
	Non-project related sedimentation has been observed in the roadway off Caswell Street/Bic Drive in Milford. 4/25/08	Note for the record. 4/25/08	NA

Next likely scheduled inspection:

Friday May 2, 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



Downs Rd (Bethany): Repairs to silt fence/haybale controls are complete along the perimeter of the ROW.



Downs Rd: Improvements have been made to perimeter controls in an attempt to control stormwater runoff.



Downs Rd: Riprap controls were added along the perimeter of the ROW to help control stormwater runoff.



Downs Rd: An additional view of riprap controls.



Downs Rd: Riprap controls were installed near structure #24169.



Downs Rd: A view of 115 kV pad reclamation and temporary soil stabilization.



Gaylord Mtn Rd (Hamden): Tire ruts were noted in the wetland near Structure # 24179.



Gaylord Mtn Rd: A spoil pile remains in the wetland with no controls near structure # 24179.