

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 11, 2008

Inspector: Matt Kelly

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

Rainfall: 1.12” of precipitation were recorded since the last inspection with 0.88” of the total reported on 4/4. (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	Clearing and access road construction appear to be complete in these sections at this time. 4/11/08	Continue to monitor active work areas and add controls as necessary. See EC section. 4/11/08	Not Applicable (NA)
All access roads	Stone pads remain in place at all entrances to access roads. New stone is being added to pads as necessary. 4/11/08	Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 4/11/08	Active areas need regular attention
Milford, CT Caswell St/Bic Dr	Mats remain at the wetland crossings in these sections. 4/11/08 No sediment tracking was observed in these sections this week, but sediment has accumulated near the catch basin on Bic Dr. <i>Note: Sedimentation from non-project related activity has also been observed in this area.</i> 4/11/08	Continue to monitor. 4/11/08 Continue to monitor and sweep roadway as necessary. If sediment tracking continues, catch basin protection should be provided. 4/11/08	NA Sediment tracking/accumulation needs regular attention
Woodbridge, CT Pease Rd	Catch basin/curb inlet protection has not been provided. 1/24/-4/11/08. No tracking was observed this week. 4/11/08	Continue to monitor. Sweep roadway as necessary. 4/11/08	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Hamden, CT Old Ln	Curb inlet protection has not been provided in this area. 4/11/08	Continue to monitor. Provide and maintain inlet protection. 4/11/08	Needs attention
Foundation and site construction All sections	H- frame structure and lattice tower removal continues in all sections. 4/11/08 With exception to the portion of ROW located to the south of East Devon substation, 115-kV foundation work appears to be complete within the ROW at this time. 4/11/08	Continue to monitor. 4/11/08 Continue to monitor. See EC Section. 4/11/08	NA NA
Milford, CT	Foundation work and structure installation continue to the south of the East Devon substation. 4/11/08	Continue to monitor active work areas. See EC Section. 4/11/08	NA
Orange & Woodbridge, CT	345-kV foundation work appears complete at this time. Structure installation continues at this time. 4/11/08	Continue to monitor active work areas. See EC Section. 4/11/08	NA
Bethany, and Hamden CT	345-kV foundation work continues off Downs to Gaylord Mtn Rd, Brooksvale Ave, & Old Ln 4/11/08	Continue to monitor active work areas. See EC Section. 4/11/08	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. 4/11/08	None at this time. Continue to utilize the appropriate erosion control measures and stabilize disturbed soils as necessary. 4/11/08	NA
Milford, Orange, & Woodbridge, CT	Spoils remain on Naugatuck Ave, Route 34, Brookwood Dr. & Pease	Remove spoil piles when feasible. 4/11/08	Remaining spoil piles need attention when feasible

Areas of Inspection	Observation	Recommended Action	Corrected Action
	Brookwood Dr, & Pease Rd. Piles appear to be contained in the upland portions of the ROW. 4/11/08		feasible
Naugatuck Ave	Silt fence is in need of repair near structure #3804. 4/11/08	Maintain/add controls as necessary. 4/11/08	Needs attention
Plains Rd	Exposed soils and an erosive gully remain within the drainage swale located to the south of the substation. 2/1-4/11/08.	Fill gully with the appropriate material and stabilize exposed soils. 4/11/08	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. 4/11/08	Continue to monitor and add/maintain controls as necessary. 4/11/08	Needs evaluation/attention
Eisenhower Park	Excess sediment from foundation drilling was observed on wetland timber mats in this section. 1/24-4/11/08	Remove excess sediment from timber mat pads and add controls as necessary. See Wetland Section. 4/11/08	Needs attention when feasible
	Silt fence controls have been removed from the perimeter of the crane pad near structure #24026. 4/11/08	Continue to monitor and add controls as necessary until final stabilization is achieved. 4/11/08	Continue to monitor
North St	Silt fence controls have been removed near structures #24030-31. 4/11/08	Continue to monitor and add controls as necessary until final stabilization is achieved. 4/11/08	Continue to monitor
Orange, CT			
Dogwood Rd	Silt fence is in need of repair near structure #24067. 3/12-4/11/08	Repair/add controls as necessary. 4/11/08	Needs attention when feasible
	Stockpiles are being removed from the ROW	NA. 4/11/08	Stockpiles are being removed from the ROW

Areas of Inspection	Observation	Recommended Action	Corrected Action
Dogburn Rd	near structure #3879. 4/11/08 Access road controls are still in need of repair and waterbars are no longer functional near structure #24077. 4/11/08	Repair/add controls as necessary. 4/11/08	Needs evaluation/attention
Woodbridge, CT Glen Dam Reservoir	Exposed soils have been temporarily stabilized with mulch near structure #3950. An erosive gully remains. 2/15-4/11/08	Continue to monitor for stabilization and add controls as necessary. Fill gully with appropriate material. 4/11/08	Exposed soils have been temporarily stabilized with mulch. <i>The erosive gully needs attention when feasible</i>
Rimmon Rd/ B'Nai	The silt fence here has been repaired. Sediment remains in the wetland near structure #3922. 4/11/08	Continue to monitor and maintain controls as necessary. See Wetlands Section. 4/11/08	Needs evaluation/attention
Clearview Ln	Spoils have been removed from the wetland buffer in the ROW near structure #24090. 4/11/08.	NA. 4/3/08	Spoils have been removed from the wetland buffer
	Sediment laden stormwater is flowing over the access road and into the adjacent wetland. 4/11/08	Add/maintain controls as necessary. See Wetlands Section. 4/11/08	Needs attention
Oak Ln C.C	The sand pile remains on the crane pad located upgradient of the wetland near structure #24095. 4/11/08	Add/maintain controls as necessary and remove sand when feasible. 4/11/08	Needs evaluation/attention
Bethany & Hamden, CT	Spoils remain on the ROW off Hatfield Rd, Downs to Gaylord Mtn Rd, & Tom Swamp. 4/11/08	Remove spoil piles when feasible. 4/11/08	Remaining spoil piles Need attention when feasible
Bethany, CT Litchfield Turnpike	Spoils remain within the wetland buffer near structure #24157. Silt fence controls have been placed around the pile. 3/21-4/11/08	Remove spoils from wetland buffer and store in an appropriate upland location. 4/11/08	Silt fence controls have been placed around the spoils. <i>Remove spoils from wetland buffer when feasible</i>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Hamden, CT</p> <p>West Todd Street/ Gaylord Mountain</p> <p>Downs Rd</p> <p>Gaylord Mountain (North)</p> <p>Brooksvale Ave</p>	<p>Excess sediment from the access road has accumulated on some of the wetland crossings in this section. 4/11/08</p> <p>A trench was installed along the ROW perimeter in an attempt to help control/divert stormwater runoff, and stone was added behind portions of the silt fence for reinforcement and filtration purposes. 4/11/08</p> <p>Stormwater flowing from an access road culvert was bypassing silt fence controls near structure #3982. 4/3-4/11/08</p> <p>Sediment is accumulating in the sediment basin near structure #3992. Additional controls/stabilization measures may be necessary. 4/11/08</p> <p>Existing controls continue to function, but additional controls may be necessary. 4/11/08</p>	<p>Add/maintain controls to prevent sediment migration to the wetlands. 4/11/08</p> <p>Monitor during large rain events and continue to add/maintain controls as necessary. 4/11/08</p> <p>Adjust/maintain controls as necessary. 4/11/08</p> <p>Continue to monitor and maintain controls to prevent further sedimentation to the wetlands. See Wetland Section. 4/11/08</p> <p>Continue to monitor and add controls as necessary. 4/11/08</p>	<p>Needs attention/evaluation</p> <p>Needs additional monitoring</p> <p>Needs attention</p> <p>Additional haybales have been added to the sediment basin but <i>further attention/evaluation is needed</i></p> <p>Needs attention/evaluation</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. 4/11/08</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, 3874, 3899, 3905, 3912, 3913, 3914, 3915, 3916, 3917, 3918, 3923, 3992, 3993, & 4009. 4/11/08</p>	<p>Follow general guidelines of the permit whenever work in wetlands occurs. 4/11/08</p> <p>Continue to monitor and add controls as necessary. 4/11/08</p>	<p>NA</p> <p>NA at this time</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<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. 4/11/08</p>	<p>Continue to monitor and add controls as necessary. 4/11/08</p>	<p>NA at this time</p>
<p>Milford, CT Naugatuck Ave, Rt 121 and Oronoque Rd</p>	<p>Timber mat crane pads remain adjacent to/in wetlands in these sections. 4/11/08</p>	<p>Continue to monitor and add controls as necessary. 4/11/08</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. 4/11/08</p>	<p>Continue to monitor and add controls as necessary. 4/11/08</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. 4/11/08</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. 4/11/08</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. 4/11/08</p>	<p>Continue to monitor. Install controls as necessary. 4/11/08</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, Racebrook Rd, and</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. 4/11/08</p>	<p>Continue to monitor. 4/11/08</p>	<p>NA at this time</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Route 34 Clearview Ln to Rt 15			
Woodbridge, CT	Stone access roads and timber mat crossings remain in the wetland areas here. 4/11/08	Continue to monitor. 4/11/08	NA at this time
Pease Road	Tire ruts have been graded in the abandoned portion of ROW. 4/11/08	Continue to monitor until final stabilization is achieved. 4/11/08	Tire ruts have been graded within the abandoned ROW
	Disassembled “H” frame structures were observed in the wetland near structure #24100. 4/11/08	Remove the disassembled structure from the wetland. 4/11/08	Needs attention
Ansonia Rd	Spoils have been removed from the wetland buffer. 4/11/08	NA. 4/11/08	Spoils have been removed from the wetland buffer
Clearview Lane	Turbid water was observed in the wetland here. 4/11/08	Evaluate sediment accumulation within the wetland. See EC Section. 4/11/08	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. 4/11/08	Continue to monitor. Adjust controls as necessary. 4/11/08	NA at this time
	Sediment was observed in the wetland near structure #3922. 4/11/08	Carefully remove sediment during the dry season if it is greater than 2” in depth. See EC Section. 4/11/08	Needs evaluation/attention
Rimmon Rd/B’Nai	The timber mat crane pad crossing has been removed from the tributary stream near structure #24105. 4/3/08	Continue to monitor. Restore as necessary. 4/3/08	The timber mat crossing has been removed from the stream near structure #24105
Rimmon Rd (south)	Timber mat crane pads remain within the wetlands in these sections.	Continue to monitor. 4/11/08	NA at this time

Areas of Inspection	Observation	Recommended Action	Corrected Action
<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>4/11/08 A stone access road and timber mats are in place in the wetland areas in this section. 4/11/08</p>	<p>Continue to monitor. 4/11/08</p>	<p>NA</p>
<p>Bethany, CT Morris to Hatfield 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). 4/11/08</p>	<p>Carefully remove sediment from wetland areas when timber mats are removed. See EC Section. 4/11/08</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. 4/11/08</p>	<p>Continue to monitor. 4/11/08</p>	<p>NA at this time</p>
<p>West Todd Street</p>	<p>Sediment remains in the wetland area located to the southwest of structure #3992. 12/20/07-4/11/08</p>	<p>Evaluate sediment accumulation within the wetland. Carefully remove sediment from wetland if it is greater than 2” in depth. 4/11/08</p>	<p>Needs attention when feasible</p>
<p>Brooksvale Ave</p>	<p>Sediment had seeped through the mats and into wetland #100. 4/11/08</p>	<p>Carefully remove sediment from wetland areas when timber mats are removed. 4/11/08</p>	<p>Needs evaluation/attention</p>
<p>115-kV underground transmission line Old Lane Road</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</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. 4/11/08</p>	<p>Needs further evaluation</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	access road. (115-kV underground). 4/11/08		
State species of concern, threatened and endangered species.	According to the D&M plan, Wood Turtles are known to occur near the Wepawaug River at Eisenhower Park. 4/11/08	Wood turtles are no longer considered dormant after April 1 st . If active work is to continue in this area after April 1 st , 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. 4/11/08	Ensure that field crews receive the appropriate training prior to the commencement of construction activities in these areas
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. 4/11/08 Exposed soils are being temporarily stabilized. 4/11/08 115 kV crane pad reclamation and restoration work appear complete at this time. Disturbed soils are being graded and mulched for temporary stabilization. 4/11/08	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. 4/11/08 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. 4/11/08 Continue to monitor until stabilization is achieved. 4/11/08	NA Exposed soils are being temporarily stabilized Disturbed soils are being graded and mulched for temporary stabilization

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Woodbridge, CT</p> <p>Glen Dam</p> <p>Bethany and Hamden, CT</p> <p>Gaylord Mtn Rd/West Todd St</p> <p>Old Lane Road</p>	<p>Construction of the wetland mitigation area in Eisenhower Park appears to be complete at this time. Temporary stabilization measures are in place. 4/11/08</p>	<p>Continue to monitor until <i>final stabilization</i> is achieved. 4/11/08</p>	<p>NA</p>
	<p>115 kV crane pad reclamation and restoration work continues at this time. Disturbed soils are being graded and mulched for temporary stabilization. 4/11/08</p>	<p>Continue to monitor until stabilization is achieved. 4/11/08</p>	<p>Disturbed soils are being graded and mulched for temporary stabilization</p>
	<p>Exposed soils near structure #3950 have been temporarily stabilized with mulch. 4/11/08</p>	<p>Continue to monitor until <i>final stabilization</i> is achieved. See EC Section. 4/11/08</p>	<p>NA</p>
	<p>115 kV crane pad reclamation and restoration work continues at this time. Disturbed soils are being graded and mulched for temporary stabilization. 4/11/08</p>	<p>Continue to monitor until <i>final stabilization</i> is achieved. 4/11/08</p>	<p>Disturbed soils are being graded and mulched for temporary stabilization</p>
	<p>Mulch has been spread in washout areas near structure #3989 in an effort to temporarily stabilize disturbed soils. 4/11/08</p>	<p>Continue to monitor. Mulched areas should be seeded for further stabilization. Stone fill or similar may be needed to stabilize gullies/washouts. 4/11/08</p>	<p>NA</p>
<p>Dewatering Orange, CT Woodbridge, Bethany, and Hamden CT</p>	<p>Dewatering basins remain for 345kV foundation work. 4/11/08</p>	<p>Continue to monitor. 4/11/08</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Pease Rd	<p>Foundation dewatering was observed here this week. Filter bags are in place and a line of haybales has been installed. All water appears to be confined to the upland portion of the ROW. 4/11/08</p> <p>Water from foundation drilling (in the Pease Road area) is being pumped to frac tanks, which are then hauled to the ROW off Pease Rd for dewatering. 4/11/08</p>	<p>Continue to monitor and add controls as necessary. 4/11/08</p> <p>Contain water within frac tanks during transportation. Evaluate alternate access roads and upland ROW areas for dewatering, as the Pease Road access is fairly steep. Sweep roadway as necessary. 4/11/08</p>	<p>Needs evaluation</p> <p>Needs attention/evaluation</p>
Blasting	No blasting is proposed at this time. 4/11/08	None. 4/11/08	NA
<p>Spills, soils and material storage.</p> <p>Milford, CT West River St</p> <p>Orange, Woodbridge CT Manville Rd</p>	<p>Contractor receiving yard is set up near Shelland St. in Milford. See segment 3 report. 4/11/08</p> <p>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. 4/11/08</p> <p>The Contractor stated that the oily sheen near structures #24102 & #24103 does not appear to be project related. 4/11/08.</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. 4/11/08</p> <p>Continue to monitor. 4/11/08</p> <p>Continue to monitor. 4/11/08</p>	<p>NA</p> <p>The Contractor stated that the oily sheen has been tested and does not appear to be project related at this time.</p> <p>The Contractor stated that the oily sheen does not appear to be project related</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. 1/18/07-4/11/08	Noted for the record. 1/18/07-4/11/08	NA
	Non-project related sedimentation has been observed in the roadway off Caswell Street/Bic Drive in Milford. 4/11/08	Note for the record. 4/11/08	NA

Next likely scheduled inspection: Friday April 18, 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



Naugatuck Ave (Milford): Silt fence is in need of repair near structure #3804.



Whealers Farm Rd (Milford): Perimeter controls are nearing capacity and the erosive gully remains.



Hunting Hill Rd (Orange): Structure #24068 has been installed in the wetland here, as approved.



Clearview Ln (Woodbridge): Sediment laden storm water is flowing across the access road and into the adjacent wetland.



Clearview Ln: View of turbid water entering the wetland.



Pease Rd (Woodbridge): The tire ruts located within the abandoned portion of the ROW have been graded.



Downs Rd (Bethany): Sediment laden runoff is bypassing controls near structure #24169.



Downs Rd: An additional view of sediment migrating off the ROW near structure #24169.