

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: March 6, 2008

Inspector: Matt Kelly

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

Rainfall: 0.63” of precipitation were recorded since the last inspection with 0.31” of the total reported on 3/1. (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. 3/6/08	Continue to monitor active work areas and add controls as necessary. See EC section. 3/6/08	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. New stone is being added to pads as necessary. 3/6/08	Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 3/6/08	Active areas need regular attention
All access roads	Mats remain at the wetland crossings in these sections. 3/6/08	Continue to monitor. 3/6/08	NA
Milford, CT	All access points (overhead & underground) have been stabilized with stone pads, but the adjacent catch basin is still not protected. 12/14-2/29/08	Continue to monitor and sweep roadway as necessary. If sediment tracking continues, catch basin protection should be provided. 3/6/08	The remaining access points (overhead & underground) have been stabilized with stone pads. <i>Sediment tracking needs attention</i>
Caswell St/Bic Dr	Tracking was observed on Bic Dr this week. 3/6/08		
Woodbridge, CT	Catch basin/curb inlet protection has not been provided. No tracking was observed this week 1/24-2/29/08	Provide catch basin/curb inlet protection and sweep roadway as necessary. 3/6/08	Needs attention
Pease Rd			

Areas of Inspection	Observation	Recommended Action	Corrected Action
Brookwood Dr, Salem Rd, & Ansonia Rd	Sediment tracking was observed on these roadways this week. 3/6/08	Continue to monitor and sweep roadway as necessary. 3/6/08	Needs attention
Foundation and site construction All sections	H- frame structure and lattice tower removal continues in all sections. 3/6/08	Continue to monitor. 3/6/08	NA
	115-kV foundation work appears to be complete at this time within the ROW. 3/6/08	Continue to monitor. See EC Section. 3/6/08	NA
Woodbridge, Bethany, and Hamden CT	Crane pads associated with the 115-kV work are being removed and transferred to the 345-kV portion of the line (pad reclamation) in these sections. 3/6/08	Continue to monitor. See EC and Stabilization Sections. 3/6/08	NA
Milford, CT	Foundation work and structure installation appears to be complete at this time. 3/6/08	Continue to monitor active work areas. See EC Section. 3/6/08	NA
Orange, CT	345-kV foundation work continues off Dogwood Rd & Route 34. Structure installation continues. 3/6/08	Continue to monitor active work areas. See EC Section. 3/6/08	NA
Woodbridge, CT	345-kV foundation work continues off Clearview Ln, Oak Ln, Brookwood Dr, & Salem Rd. Structure installation. 3/6/08	Continue to monitor active work areas. See EC Section. 3/6/08	NA
Bethany, CT	345-kV foundation work continues off Litchfield Turnpike. 3/6/08	Continue to monitor active work areas. See EC Section. 3/6/08	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Erosion and sediment controls</p> <p>Milford & Orange, Woodbridge, CT</p> <p>Plains Rd</p> <p>West River St</p> <p>Eisenhower Park</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 areas. 3/6/08</p>	<p>None at this time. Continue to utilize the appropriate erosion control measures and stabilize disturbed soils as necessary. 3/6/08</p>	<p>NA</p>
	<p>Pad reclamation is complete in most areas at this time. Exposed soils have been graded and mulched. 3/6/08</p>	<p>Continue to monitor. Additional erosion controls are recommended in some areas during 345-kV foundation work. See Stabilization Section. 3/6/08</p>	<p>NA</p>
	<p>Spoil piles remain within the ROW off Orange Center Rd, and Dogwood Rd. Piles appear to be contained in upland portions of the ROW. 3/6/08</p>	<p>Remove spoil piles when feasible. 3/6/08</p>	<p>Needs attention when feasible</p>
	<p>Exposed soils and an erosive gully remain within the drainage swale located to the south of the substation. 2/1-3/6/08</p>	<p>Fill gully with an appropriate material and stabilize exposed soils. 3/6/08</p>	<p>Needs attention</p>
	<p>Excess sediment from foundation drilling was observed on wetland timber mats in this section. 1/24-3/6/08</p>	<p>Remove excess sediment from timber mat pads and add controls as necessary. See Wetland Section. 3/6/08</p>	<p>Needs attention when feasible</p>
	<p>Excess sediment from foundation drilling was observed on wetland timber mats in this section. 1/24-3/6/08</p> <p>Silt fence is in need of repair near structures #24026-27. 2/15-3/6/08</p>	<p>Remove excess sediment from timber mat pads and add controls as necessary. See Wetland Section. 3/6/08</p> <p>Repair/add controls as necessary. Remove excess sediment to restore capacity/function of controls. 3/6/08</p>	<p>Needs attention when feasible</p> <p>Needs attention</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
North St	Excess sediment from foundation drilling was observed on wetland timber mats near structure #24030. 1/10-3/6/08	controls. 3/6/08 Remove excess sediment from mats and add controls as necessary. See Wetlands Section. 3/6/08	Needs attention when feasible
	Silt fence is in need of repair at structures #24030 & #24032. 2/29-3/6/08	Repair/add controls as necessary. 3/6/08	Needs attention
Orange, CT Dogburn Rd	Silt fence in need of repair and waterbars are no longer functional near structure #24077. 2/15-3/6/08	Repair/add controls as necessary. 3/6/08	Needs attention
Woodbridge, CT Glen Dam Reservoir	Exposed soils have been temporarily stabilized with mulch near structure #3950. The erosive gully remains. 2/15-3/6/08	Continue to monitor for stabilization and add controls as necessary. Fill gully with appropriate material. 3/6/08	Exposed soils have been temporarily stabilized with mulch <i>erosive gully needs attention when feasible</i>
JCC	Spoil piles remain within the ROW near structure #3932. Piles appear to be contained in an upland portion of the ROW. 3/6/08	Remove spoil piles when feasible. 3/6/08	Needs attention when feasible
Clearview Ln	Spoils remain within a wetland buffer in the ROW near structure #24090. 2/29-3/6/08	Remove spoils from wetland buffer and store in an appropriate upland location. 3/6/08	Needs attention
Bethany, CT Litchfield Turnpike	Erosion controls are functioning properly at the stream crossing between structures #24156-57, but sediment has accumulated against the controls. 3/6/08	Remove sediment from controls to restore function/capacity. Continue to monitor, and add controls as necessary. 3/6/08	Needs attention
	Spoils were observed within a wetland buffer in the ROW near structure #24157. 3/6/08	Remove spoils from wetland buffer and store in an appropriate upland location. 3/6/08	Needs attention

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>mitigation</p> <p>Milford, CT</p> <p>Naugatuck Ave, Rt 121 and Oronoque Rd</p> <p>West River Street, Eisenhower Park, and North St</p> <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 Clearview Ln to Rt 15</p> <p>Woodbridge, CT</p>	<p>3/6/08</p> <p>Timber mat crane pads remain adjacent to/in wetlands in these sections. 3/6/08</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. 3/6/08</p> <p>Excess sediment from foundation drilling was observed on wetland timber mats in the ROW off West River St, North Street and within Eisenhower Park. 3/6/08</p> <p>Disassembled lattice towers have been removed from the wetland areas off West River St. 3/6/08</p> <p>A stone access road remains at the wetland crossing off East Rutland. An existing stone culvert was already in place here. 3/6/08</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. 3/6/08</p> <p>Stone access roads and timber mat crossings remain in the wetland areas here. 3/6/08</p>	<p>3/6/08</p> <p>Continue to monitor and add controls as necessary. 3/6/08</p> <p>Continue to monitor and add controls as necessary. 3/6/08</p> <p>Remove sediment from wetland area. 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. 3/6/08</p> <p>None at this time. 3/6/08</p> <p>Continue to monitor. Install controls as necessary. 3/6/08</p> <p>Continue to monitor. 3/6/08</p> <p>Continue to monitor. 3/6/08</p>	<p>NA at this time</p> <p>NA at this time</p> <p>Needs attention when feasible</p> <p>Lattice towers have been removed from the wetland areas</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
Pease Road	<p>Mats remain in the potential wetland area here. 3/6/08</p> <p>Tire ruts were noted in a wetland area within the abandoned ROW here. 11/16-3/6/08</p>	<p>Continue to monitor. The contractor states that this wetland was removed from the most recent version of the D&M plan, but flags were staked in the field. 3/6/08</p> <p>Fill and stabilize ruts with appropriate material. In general timber mats (or similar) should be used when it becomes necessary to access a wetland. 3/6/08</p>	<p>NA at this time</p> <p>Needs attention</p>
JCC/B’Nai Jacob	<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. 3/6/08</p>	<p>Continue to monitor. Adjust controls as necessary. 3/6/08</p>	<p>NA at this time</p>
Rimmon Rd	<p>Sediment was noted in the stream channel near structure #24119 at the JCC (8/7/07). No further accumulation has been observed. 3/6/08</p>	<p>Continue to monitor. Evaluate sediment accumulation within the stream channel. Carefully remove sediment during the dry season if it is greater than 2” in depth. See EC Section. 3/6/08</p>	<p>Needs evaluation</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>A timber mat crane pad (installed for lattice tower removal 12/7/07) remains adjacent to/within a tributary stream of Race Brook near structure #24105. 3/6/08</p> <p>Timber mat crane pads remain within the wetlands in these sections. 3/6/08</p>	<p>Continue to monitor. 3/6/08</p> <p>Continue to monitor. 3/6/08</p>	<p>NA</p> <p>NA at this time</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Glen Dam	A disassembled lattice tower remains in a wetland between structures #24140-40. 2/25-3/6/08	Remove structure from the wetland. 3/6/08	Needs attention
Bethany, CT			
Morris to Hatfield	A stone access road and timber mats are in place in the wetland areas in this section. 3/6/08	Continue to monitor. 3/6/08	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). 3/6/08	Carefully remove sediment from wetland areas when timber mats are removed. See EC Section. 3/6/08	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. 3/6/08	Continue to monitor. 3/6/08	NA at this time
West Todd Street	Sediment remains in the wetland area located to the southwest of structure #3992. 12/20/07-3/6/08	Evaluate sediment accumulation within the wetland. Carefully remove sediment from wetland if it is greater than 2” in depth. 3/6/08	Needs attention
Brooksvale Ave	Sediment had seeped through the mats and into wetland #100. 3/6/08	Carefully remove sediment from wetland areas when timber mats are removed. 3/6/08	Needs evaluation/attention
Old Lane Road	Sediment remains in wetland #94. 10/5-3/6/08	Continue to monitor and add/maintain controls as necessary. Carefully remove sediment from the wetland if it is greater than 2” in depth. See EC Section. 3/6/08	Needs evaluation/attention

Areas of Inspection	Observation	Recommended Action	Corrected Action
115-kV underground transmission line Old Lane Road	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). 3/6/08	Continue to evaluate sediment accumulation within the adjacent wetland. Carefully remove sediment from the wetland if it is greater than 2’ in depth. 3/6/08	Needs further evaluation
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. 3/6/08	Wood turtles are considered dormant from November 1 st to April 1 st and therefore will not be disturbed when construction occurs during these months. If active work continues/resumes 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. 3/6/08	NA at this time
Vegetative clearing or stabilization All active roads (all towns)	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. 3/6/08 Soils remain exposed as a result of grounding activities. 10/5-3/6/08	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. 3/6/08 Continue to monitor and stabilize disturbed areas when work is complete and activity will not return within 21 days. Continue to monitor until	NA Needs evaluation/attention

Areas of Inspection	Observation	Recommended Action	Corrected Action
Milford and Orange, CT	<p>115 kV crane pad reclamation and restoration work appear complete at this time. Disturbed soils are being graded and mulched for temporary stabilization. 3/6/08</p> <p>Construction of the wetland mitigation area in Eisenhower Park appears to be complete at this time. Temporary stabilization measures are in place. 3/6/08</p> <p>Wood chip piles remain in the ROW off Russell Ave in Orange. 3/6/08</p>	<p>stabilization is achieved. 3/6/08</p> <p>Continue to monitor until stabilization is achieved. 3/6/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 3/6/08</p> <p>Wood chip piles should be removed from the ROW or spread in appropriate upland areas to a depth of 3" or less. 3/6/08</p>	<p>Disturbed soils are being graded and mulched for temporary stabilization</p> <p>NA</p> <p>Needs attention when feasible</p>
Woodbridge, CT	<p>115 kV crane pad reclamation and restoration work continues at this time. Disturbed soils are being graded and mulched for temporary stabilization. 3/6/08</p>	<p>Continue to monitor until stabilization is achieved. 3/6/08</p>	<p>Disturbed soils are being graded and mulched for temporary stabilization</p>
Glen Dam	<p>Exposed soils, near structure #3950, have been temporarily stabilized with mulch. 3/6/08</p>	<p>Continue to monitor until <i>final stabilization</i> is achieved. See EC Section. 3/6/08</p>	<p>NA</p>
Bethany and Hamden, CT	<p>115 kV crane pad reclamation and restoration work continues at this time. Disturbed soils are being graded and mulched for temporary stabilization. 3/6/08</p>	<p>Continue to monitor until <i>final stabilization</i> is achieved. 3/6/08</p>	<p>Disturbed soils are being graded and mulched for temporary stabilization</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Gaylord Mtn Rd/West Todd St</p> <p>Old Lane Road</p>	<p>Mulch has been spread in washout areas near structure #3989 in an effort to temporarily stabilize disturbed soils. 3/6/08</p> <p>The overhead access road has been stabilized with stone. Hydroseed was applied to exposed soils. 3/6/08</p>	<p>Continue to monitor. Mulched areas should be seeded for further stabilization. Stone fill or similar may be needed to stabilize gullies/washouts. 3/6/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 3/6/08</p>	<p>NA</p> <p>NA</p>
<p>Dewatering</p> <p>Milford, CT</p> <p>Orange, CT Woodbridge, Bethany, and Hamden CT</p> <p>Pease Rd</p>	<p>Dewatering appears complete in Milford at this time. 3/6/08</p> <p>Dewatering basins remain for 345kV foundation work. 3/6/08</p> <p>Foundation dewatering has occurred in the past within an upland portion of the ROW here. Filter bags are in place but the haybale perimeter has not yet been installed. The water appears to be confined to the upland portion of the ROW. Dewatering was observed this week. 3/6/08</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. During transportation, a frac tank overflowed releasing slurry onto the Pease Rd ROW access. Sediment has been swept from Pease Rd. 3/6/08</p>	<p>Continue to monitor active areas and adjust controls as necessary. 3/6/08</p> <p>Continue to monitor. 3/6/08</p> <p>Install haybale perimeter. Continue to monitor and add controls as necessary. 3/6/08</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. Contain and/or remove existing sediment from the access road. Sweep roadway as necessary. 3/6/08</p>	<p>Dewatering appears complete in Milford at this time</p> <p>NA</p> <p>Needs attention</p> <p>Sediment has been swept from Pease Rd</p> <p>Needs further attention/evaluation</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Blasting	No blasting is proposed at this time. 3/6/08	None. 3/6/08	NA
Spills, soils and material storage.	Contractor receiving yard is set up near Shelland St. in Milford. See segment 3 report. 3/6/08	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. 3/6/08	NA
Milford, CT West River St	A small diesel fuel spill was observed on the timbermat pad near proposed structure #24023. The affected timber mats were removed from the ROW. 3/6/08	Continue to monitor the wetland area for signs of the spill. In general, proactively check equipment for leaks and use spill control materials when performing maintenance during refueling. 3/6/08	Needs evaluation/attention
Woodbridge, CT Ansonia Rd	A gas-powered generator is being stored on timber mats within a wetland area here. 3/6/08	In general, all construction vehicles should be parked at least 100 feet from a wetland or waterbody when feasible. Monitor for leaks and remove equipment from wetland areas as soon as possible. 3/6/08	Needs attention
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. 1/18/07-3/6/08	Noted for the record. 1/18/07-3/6/08	NA

**Next likely scheduled
inspection:**

Friday March 14, 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



Litchfield Turnpike (Bethany): Access road controls are functioning properly, at the stream crossing, between structures #24156-57. Due to the proximity of the controls to the stream channel, sediment should be removed from the controls.



Litchfield Turnpike: A view of the controls on the opposite side of the stream crossing between structures #24156-57. Sediment is accumulating against the controls.



Gaylord Mtn Rd (Hamden): Sediment was removed from the basin near structure #3989.