

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 12, 2008

Inspector: Matt Kelly

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

Rainfall: 2.30” of precipitation were recorded since the last inspection with 1.67” of the total reported on 3/7. (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. 3/12/08 Stone pads remain in place at all entrances to access roads. New stone is being added to pads as necessary. 3/12/08	Continue to monitor active work areas and add controls as necessary. See EC section. 3/12/08 Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 3/12/08	Not Applicable (NA) Active areas need regular attention
Milford, CT Caswell St/Bic Dr	Mats remain at the wetland crossings in these sections. 3/12/08 All access points (overhead & underground) have been stabilized with stone pads, but the adjacent catch basin is still not protected. 12/14-3/12/08 Tracking was observed on Bic Dr this week. 3/12/08	Continue to monitor. 3/12/08 Continue to monitor and sweep roadway as necessary. If sediment tracking continues, catch basin protection should be provided. 3/12/08	NA The remaining access points (overhead & underground) have been stabilized with stone pads. <i>Sediment tracking needs attention</i>
Woodbridge, CT Pease Rd	Catch basin/curb inlet protection has not been provided. No tracking was observed this week 1/24-3/12/08	Provide catch basin/curb inlet protection and sweep roadway as necessary. 3/12/08	Needs attention

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Brookwood Dr, Salem Rd, & Ansonia Rd	No sediment tracking was observed in these sections this week. 3/12/08	Continue to monitor and sweep roadway as necessary. 3/12/08	Roadways were recently swept
<p>Foundation and site construction All sections</p> <p>Woodbridge, Bethany, and Hamden CT</p> <p>Milford, CT</p> <p>Orange, CT</p> <p>Woodbridge, CT</p> <p>Bethany, CT</p>	<p>H- frame structure and lattice tower removal continues in all sections. 3/12/08</p> <p>115-kV foundation work appears to be complete at this time within the ROW. 3/12/08</p> <p>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. 3/12/08</p> <p>Foundation work and structure installation appear to be complete at this time. 3/12/08</p> <p>345-kV foundation work continues off Hunting Hill Place & Route 34. Structure installation continues. 3/12/08</p> <p>345-kV foundation work continues off Oak Ln & Salem Rd. 3/12/08</p> <p>345-kV foundation work continues off Litchfield Turnpike. 3/12/08</p>	<p>Continue to monitor. 3/12/08</p> <p>Continue to monitor. See EC Section. 3/12/08</p> <p>Continue to monitor. See EC and Stabilization Sections. 3/12/08</p> <p>Continue to monitor active work areas. See EC Section. 3/12/08</p> <p>Continue to monitor active work areas. See EC Section. 3/12/08</p> <p>Continue to monitor active work areas. See EC Section. 3/12/08</p> <p>Continue to monitor active work areas. See EC Section. 3/12/08</p>	<p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p>
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	None at this time. Continue to utilize the appropriate erosion control measures and stabilize disturbed soils as necessary. 3/12/08	NA

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Milford & Orange, Woodbridge, CT	controls are in place in and adjacent to wetland areas. 3/12/08 Spoil piles remain within the ROW off Orange Center Rd, and Dogwood Rd. Piles appear to be contained in upland portions of the ROW. 3/12/08	Remove spoil piles when feasible. 3/12/08	Needs attention when feasible
Plains Rd	Exposed soils and an erosive gully remain within the drainage swale located to the south of the substation. 2/1-3/12/08. The ROW access road has been graded in order to divert runoff away from the eroded area. 3/12/08	Fill gully with an appropriate material and stabilize exposed soils. 3/12/08	The ROW access road has been graded <i>but erosive gully needs attention when feasible</i>
West River St	Excess sediment from foundation drilling was observed on wetland timber mats in this section. 1/24-3/12/08	Remove excess sediment from timber mat pads and add controls as necessary. See Wetland Section. 3/12/08	Needs attention when feasible
Eisenhower Park	Excess sediment from foundation drilling was observed on wetland timber mats in this section. 1/24-3/12/08	Remove excess sediment from timber mat pads and add controls as necessary. See Wetland Section. 3/12/08	Needs attention when feasible
	Silt fence is in need of repair near structures #24026-27. 2/15-3/12/08	Repair/add controls as necessary. Remove excess sediment to restore capacity/function of controls. 3/12/08	Needs attention
North St	Excess sediment from foundation drilling was observed on wetland timber mats near structure #24030. 1/10-3/12/08 Silt fence is in need of repair at structures #24030 & #24032. 2/29-3/12/08	Remove excess sediment from mats and add controls as necessary. See Wetlands Section. 3/12/08 Repair/add controls as necessary. 3/12/08	Needs attention when feasible Needs attention

Areas of Inspection	Observation	Recommended Action	Corrected Action
Orange, CT Dogwood Rd	Silt fence is in need of repair near structure #24067. 3/12/08	Repair/add controls as necessary. 3/12/08	Needs attention
Dogburn Rd	Silt fence is in need of repair and waterbars are no longer functional near structure #24077. 2/15-3/12/08	Repair/add controls as necessary. 3/12/08	Needs attention
Woodbridge, CT Glen Dam Reservoir	Exposed soils have been temporarily stabilized with mulch near structure #3950. The erosive gully remains. 2/15-3/12/08	Continue to monitor for stabilization and add controls as necessary. Fill gully with appropriate material. 3/12/08	Exposed soils have been temporarily stabilized with mulch. <i>The 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. 3/12/08	Remove spoil piles when feasible. 3/12/08	Needs attention when feasible
Clearview Ln	Spoils remain within a wetland buffer in the ROW near structure #24090. 2/29-3/12/08. Sediment migration was observed this week. 3/12/08	Install controls as necessary to contain sediment and/or remove spoils from wetland buffer and store in an appropriate upland location. 3/12/08	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. 3/6-12/08	Remove sediment from controls to restore function/capacity. Continue to monitor, and add controls as necessary. 3/12/08	Needs attention
	Spoils remain within the wetland buffer near structure #24157. 3/12/08	Remove spoils from wetland buffer and store in an appropriate upland location. 3/12/08	Needs attention
Hamden, CT West Todd Street/ Gaylord Mountain	In approximately three areas, stormwater pooled along the perimeter controls and filtered through as concentrated	Monitor during large rain events and investigate additional solutions to prevent stormwater conveyances off site.	Good efforts were made but <i>needs additional evaluation/monitoring</i>

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<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>Pease Road</p>	<p>mat crane pads remain within the wetland areas in these sections. 3/12/08</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. 3/12/08</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. 3/12/08</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. 3/12/08</p>	<p>Continue to monitor. Install controls as necessary. 3/12/08</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. 3/12/08</p>	<p>Continue to monitor. 3/12/08</p>	<p>NA at this time</p>
	<p>Stone access roads and timber mat crossings remain in the wetland areas here. 3/12/08</p>	<p>Continue to monitor. 3/12/08</p>	<p>NA at this time</p>
	<p>Mats remain in the potential wetland area here. 3/12/08</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. 3/12/08</p>	<p>NA at this time</p>
<p>Tire ruts were noted in a wetland area within the abandoned ROW here. 11/16-3/12/08</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. 3/12/08</p>	<p>Needs attention</p>	

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Clearview Lane	The foundation for structure #24090 has been installed on the edge of the wetland here (as approved). Spoils from foundation drilling remain within the wetland buffer. 3/12/08	Remove spoils from wetland buffer and store in an appropriate upland location. See EC Section. 3/12/08	Needs attention
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. 3/12/08	Continue to monitor. Adjust controls as necessary. 3/12/08	NA at this time
	Sediment was noted in the stream channel near structure #24119 at the JCC (8/7/07). No further accumulation has been observed. 3/12/08	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. 3/12/08	Needs evaluation
Rimmon Rd	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. 3/12/08	Continue to monitor. 3/12/08	NA
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. 3/12/08	Continue to monitor. 3/12/08	NA at this time
Glen Dam	A disassembled lattice tower remains in a wetland between structures #24140-40. 2/25-3/12/08	Remove structure from the wetland. 3/12/08	Needs attention
Bethany, CT	A stone access road and timber mats are in place in	Continue to monitor. 3/12/08	NA
Morris to Hatfield			

Areas of Inspection	Observation	Recommended Action	Corrected Action
Litchfield Turnpike	<p>the wetland areas in this section. 3/12/08</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). 3/12/08</p>	<p>Carefully remove sediment from wetland areas when timber mats are removed. See EC Section. 3/12/08</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. 3/12/08</p>	<p>Continue to monitor. 3/12/08</p>	<p>NA at this time</p>
West Todd Street	<p>Sediment remains in the wetland area located to the southwest of structure #3992. 12/20/07-3/12/08</p>	<p>Evaluate sediment accumulation within the wetland. Carefully remove sediment from wetland if it is greater than 2” in depth. 3/12/08</p>	<p>Needs attention</p>
Brooksvale Ave	<p>Sediment had seeped through the mats and into wetland #100. 3/12/08</p>	<p>Carefully remove sediment from wetland areas when timber mats are removed. 3/12/08</p>	<p>Needs evaluation/attention</p>
Old Lane Road	<p>Sediment remains in wetland #94. 10/5-3/12/08</p>	<p>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. 3/12/08</p>	<p>Needs evaluation/attention</p>
115-kV underground transmission line Old Lane Road	<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</p>	<p>Continue to evaluate sediment accumulation within the adjacent wetland. Carefully remove sediment from the wetland if it is greater than 2’ in</p>	<p>Needs further evaluation</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Woodbridge, CT	<p>Disturbed soils are being graded and mulched for temporary stabilization. 3/12/08</p> <p>Construction of the wetland mitigation area in Eisenhower Park appears to be complete at this time. Temporary stabilization measures are in place. 3/12/08</p> <p>Wood chip piles remain in the ROW off Russell Ave in Orange. 3/12/08</p>	<p>Continue to monitor until <i>final stabilization</i> is achieved. 3/12/08</p> <p>Wood chip piles should be removed from the ROW or spread in appropriate upland areas to a depth of 3" or less. 3/12/08</p>	<p>NA</p> <p>Needs attention when feasible</p>
Glen Dam	<p>115 kV crane pad reclamation and restoration work continues at this time. Disturbed soils are being graded and mulched for temporary stabilization. 3/12/08</p>	<p>Continue to monitor until stabilization is achieved. 3/12/08</p>	<p>Disturbed soils are being graded and mulched for temporary stabilization</p>
Bethany and Hamden, CT	<p>Exposed soils, near structure #3950, have been temporarily stabilized with mulch. 3/12/08</p> <p>115 kV crane pad reclamation and restoration work continues at this time. Disturbed soils are being graded and mulched for temporary stabilization. 3/12/08</p>	<p>Continue to monitor until <i>final stabilization</i> is achieved. See EC Section. 3/12/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 3/12/08</p>	<p>NA</p> <p>Disturbed soils are being graded and mulched for temporary stabilization</p>
Gaylord Mtn Rd/West Todd St	<p>Mulch has been spread in washout areas near structure #3989 in an effort to temporarily stabilize disturbed soils. 3/12/08</p>	<p>Continue to monitor. Mulched areas should be seeded for further stabilization. Stone fill or similar may be needed to stabilize gullies/washouts. 3/12/08</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Old Lane Road	The overhead access road has been stabilized with stone. Hydroseed was applied to exposed soils. 3/12/08	Continue to monitor until <i>final stabilization</i> is achieved. 3/12/08	NA
<p>Dewatering Orange, CT Woodbridge, Bethany, and Hamden CT</p> <p>Pease Rd</p>	<p>Dewatering basins remain for 345kV foundation work. 3/12/08</p> <p>Foundation dewatering was observed here this week. 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. 3/12/08</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. 3/12/08</p>	<p>Continue to monitor. 3/12/08</p> <p>Install haybale perimeter. Continue to monitor and add controls as necessary. 3/12/08</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. 3/12/08</p>	<p>NA</p> <p>Needs attention</p> <p>Sediment has been swept from Pease Rd</p> <p>Needs further attention/evaluation</p>
Blasting	No blasting is proposed at this time. 3/12/08	None. 3/12/08	NA
<p>Spills, soils and material storage.</p> <p>Milford, CT</p>	<p>Contractor receiving yard is set up near Shelland St. in Milford. See segment 3 report. 3/12/08</p> <p>A small diesel fuel spill was observed on the</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. 3/12/08</p> <p>Continue to monitor the wetland area for signs of</p>	<p>NA</p> <p>Needs evaluation/attention</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>West River St</p> <p>Woodbridge, CT</p> <p>Ansonia Rd</p>	<p>timbermat pad near proposed structure #24023. The affected timber mats were removed from the ROW. 3/12/08</p> <p>The gas-powered generator was removed from the wetland area here. 3/12/08</p>	<p>the spill. In general, proactively check equipment for leaks and use spill control materials when performing maintenance during refueling. 3/12/08</p> <p>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. 3/12/08</p>	<p>The gas-powered generator was removed from the wetland</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. 1/18/07-3/12/08</p>	<p>Noted for the record. 1/18/07-3/12/08</p>	<p>NA</p>

Next likely scheduled inspection: Friday March 21, 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



Clearview Ln (Woodbridge): The foundation for structure #24090 has been installed. The foundation is located on the edge of a wetland.



Clearview Ln: Spoils from structure #24090 remain piled in a wetland buffer. No controls have been installed to contain the pile.



Clearview Ln: Sediment has begun to migrate from the spoil pile near structure #24090.



Oak Ln Country Club (Woodbridge): Drilling continues at structure #24093.