

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: August 24, 2007

Inspector: Matt Kelly

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

Rainfall: 1.30” of precipitation was recorded in the week since the last inspection with 1.13” reported on 8/21. (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	With exception to a few areas in Woodbridge and Hamden (see below), clearing and access road construction appear to be complete in these sections at this time. 8/24/07	Continue to monitor active work areas and add controls as necessary. See EC section. 8/24/07	Not Applicable (NA)
All access roads	Stone pads remain in place at all entrances to access roads. 8/24/07	Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 8/24/07	Active areas need regular attention
	Mats remain at the wetland crossings in these sections. 8/24/07	Continue to monitor. 8/24/07	NA
	“Silt saks” (or similar) remain intact within catch basins located in the vicinity of the constructed access roads. Curb drop inlet protection (including “Gutter Buddies” and filter fabric pulled over the curb inlet) were provided at those catch basins located	Continue to monitor and evaluate methods to protect the curb drop inlet and prevent sedimentation as needed. See Erosion Control Section for more detail. 8/24/07	CB controls are in place. Gutter buddies were added for inlet protection in some locations

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Clearview Ln to Rte 15 (Woodbridge, CT)</p> <p>Old Ln (Hamden, CT)</p>	<p>immediately adjacent to the constructed access roads. 8/24/07</p> <p>Access road construction continues from structure #3899 to #3904. See EC Section. Timber mats are being installed in the wetland areas as work progresses. 8/24/07</p> <p>The “Gutter Buddies” have been removed from the CBs located adjacent to the access road here. 8/24/07</p>	<p>Continue to monitor. See EC Section. 8/24/07</p> <p>Replace and maintain curb drop inlet protection in this area. 8/24/07</p>	<p>NA</p> <p>Needs proactive attention</p>
<p>Foundation and site construction Milford, CT</p> <p>Orange, CT</p> <p>Woodbridge, CT</p> <p>Pease Rd, Oak Lane CC, Brookwood Dr, Salem Rd, Ansonia Rd, Manville Rd, Rimmon Rd, Center Rd, Clark St, Woodbine Rd, Cowpath Lane Morris Rd (east) Morris to Dillon and B’Nai Jacob</p> <p>JCC, Morris to Dillon (Glen Dam), and Clearview Ln to Rte 15</p>	<p>Foundation work continues within the ROW off Naugatuck Ave and Caswell St. Structure installation continues. No active work this week 8/24/07</p> <p>Foundation and structure installation work appears to be complete in all sections at this time. 8/24/07</p> <p>Foundation work and structure installation appears to be complete in these sections at this time. 8/24/07</p> <p>Foundation work and structure installation continues in these sections. 8/24/07</p>	<p>Continue to monitor active work areas. See EC Section. 8/24/07</p> <p>Continue to monitor active work areas. See EC Section. 8/24/07</p> <p>Continue to monitor active work areas. See EC Section. 8/24/07</p> <p>Continue to monitor. See Dewatering and EC Sections. 8/24/07</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>Bethany, CT</p> <p>Morris (Woodbridge) to Hatfield, Hatfield to Raccio Dr, Downs Road to West Todd (Hamden) and Hoadley Rd</p> <p>Hamden, CT</p> <p>Tom Swamp/Arrow Road West Todd Street, Old Lane Rd, Brooksvale Ave, and Route 10</p> <p>Willow St. (North)</p>	<p>Foundation work appears to be complete at this time. Structure installation continues in these sections. 8/24/07</p> <p>Foundation work appears to be complete in these sections at this time. 8/24/07</p> <p>Foundation work continues in this section. 8/24/07</p>	<p>Continue to monitor. See Dewatering and EC Sections. 8/24/07</p> <p>Continue to monitor. See Dewatering and EC Sections. 8/24/07</p> <p>Continue to monitor. See Dewatering and EC Sections. 8/24/07</p>	<p>NA</p> <p>NA</p> <p>NA</p>
<p>Erosion and sediment controls</p> <p>All work areas</p> <p>Milford, CT</p> <p>Wheelers Farm Road</p> <p>Lexington Lane</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. When work occurs in or adjacent to wetlands, timber mat crane pads are in place with erosion controls along the edge. 8/24/07</p> <p>Snow and sediment were piled on the silt fence due to snow clearing (west) 3/19-5/3/07. Silt fence may need to be extended near the wetland, downgradient of the dewatering area here. The stockpile near the road is not covered. 4/13-8/24/07</p> <p>Rock and sediment was removed from the silt fence/haybale barrier as part of the crane pad reclamation work here.</p>	<p>None. Continue to temporarily stabilize disturbed soils as necessary. 8/24/07</p> <p>Continue to monitor. Silt fence needs repair. Any remaining sediment needs to be pulled back to the work side of the fence. 3/23-5/3/07 All inactive stockpiles should be covered. 8/24/07</p> <p>Continue to monitor for stabilization. And adjust controls as necessary. 8/24/07</p>	<p>NA</p> <p>Silt fence and stockpiles need attention when feasible</p> <p>Rock and sediment were removed from the silt fence/haybale barrier and exposed soils have been</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Orange, CT Racebrook Rd.</p>	<p>Exposed soils have been mulched. 8/24/07</p> <p>Silt fence is in need of repair along the edge of the crane pad at the wetland off Racebrook Rd. 3/23- 8/24/07</p>	<p>Repair and maintain controls as necessary. 8/24/07</p>	<p>mulched.</p> <p>Needs proactive attention when feasible</p>
<p>Woodbridge, CT Clearview Lane to Rt 15</p>	<p>A spoil pile was noted on the stone crane pad in the wetland near structure #3899. 8/24/07</p>	<p>Stockpiles should be placed away from wetlands when feasible and contained within silt fence and/or haybales or covered with plastic until removed from site. 8/24/07</p>	<p>Needs proactive attention when feasible</p>
<p>Glen Dam Reservoir</p>	<p>Sediment has accumulated in the stone sediment traps located along the access road here. Silt fence located along the access road is in need of repair. 8/24/07</p>	<p>Sediment should be removed from the stone traps in order to maintain proper function. Stormwater will not be filtered properly if traps become overwhelmed with sediment. Repair silt fence when feasible. 8/24/07</p>	<p>Needs proactive attention</p>
<p>JCC</p>	<p>Exposed soils remain on the slope adjacent to structure #3950. 8/24/07</p>	<p>Exposed soils should be seeded and mulched when feasible. 8/24/07</p>	<p>Needs proactive attention</p>
<p>JCC</p>	<p>Silt fence is in need of repair near structure #24119. Sediment was noted in the dry stream channel here. 8/24/07</p>	<p>Continue to monitor and repair and maintain as necessary. Evaluate sediment accumulation within the stream channel. Carefully remove sediment during the dry season if it is greater than 2” in depth. 8/24/07</p>	<p>Needs attention</p>
<p>JCC</p>	<p>Uncontained spoil piles were noted upgradient from the wetland in this section. 8/24/07</p>	<p>Spoil piles should be contained within silt fence and/or haybales or covered with plastic until removed from the site. 8/24/07</p>	<p>Needs proactive attention</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Bethany,CT Litchfield Turnpike - Morris to Hatfield</p>	<p>Washouts were filled and stabilized near the first wetland crossing and sediment has been pulled back from the erosion controls in this section. Haybale check dams were installed along the access road near wetland #113. 8/24/07</p>	<p>Continue to monitor and add/maintain controls as necessary. 8/24/07</p>	<p>Washouts have been filled and stabilized and sediment has been removed from controls</p>
<p>Hamden,CT Tom Swamp Rd/Arrow Rd</p>	<p>Temporary culverts are in place within the access roads here. Stone sediment traps and haybale check dams remain at the outlets. Sediment accumulation was removed from the stone trap at the 2nd culvert outlet off Tom Swamp (east) and piled on top of the stone sediment trap. 8/24/07</p>	<p>Continue to monitor and add/maintain controls as necessary and avoid piling sediment on top of the stone sediment trap. 8/24/07</p>	<p>Proper controls are in place but still needs proactive attention when feasible</p>
<p>West Todd Street</p>	<p>In approximately three areas, stormwater pooled along the perimeter controls and filtered through as concentrated flow off the ROW (4/27/07). This only occurs during large rain events and wetland resource areas were not affected by this off site flow. 8/24/07</p> <p>A gap remains in the haybale line at the culvert outlet off West Todd (east). Sediment within the stone trap has begun to stabilize with vegetation. Some sediment remains in the adjacent wetland from previous rain events. 8/24/07</p>	<p>Monitor during large rain events and investigate additional solutions to prevent stormwater conveyances off site. Although good efforts were made to control stormwater flow, continue to improve the on-site containment. 8/24/07</p> <p>Repair and reinforce controls. Carefully remove sediment from wetland if it is greater than 2” in depth. Although sediment within the stone trap has stabilized with vegetation it should be removed when feasible to maintain proper function. 8/24/07</p>	<p>Good efforts were made but needs additional evaluation/monitoring</p> <p>Needs attention</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Brooksvale Ave	A length of culvert pipe remains in the wetland here. 8/24/07	The culvert pipe should be removed from the wetland area when feasible. 8/24/07	Needs attention
	Mulch has been spread in washout areas near structure #3989 in an effort to temporarily stabilize disturbed soils here. 8/24/07	Mulched areas should be seeded for further stabilization. Continue to monitor. Stone fill or similar may be needed to stabilize gullies/washouts. 8/24/07	Needs proactive attention when feasible
	A second line of silt fence was installed in the area where spoils had overwhelmed the initial silt fence at structure #3993. Spoils were removed from the wetland here. 8/24/07	Continue to monitor and add/maintain controls as necessary. 8/24/07	A second line of silt fence was installed and spoils were removed from the wetland
Old Lane Road	Access roads were constructed on steep slopes located upgradient from wetland areas here. Haybales are in place but due to the nature of the terrain and location of the adjacent wetlands, additional controls may be necessary. 8/24/07	Haybales are in place but due to sloped terrain and proximity to the downgradient wetland, additional controls are recommended. 8/24/07	Needs attention
Old Lane Road	Washouts/gullies have been stabilized with stone and sediment has been removed from the stone-lined filtration basin. Additional controls, such as stone/haybale check dams, fiber rolls, and a water bar have been added to slow stormwater flow along the access road. Some sediment has been removed from the wetland here but more attention is needed. 8/24/07	Continue to monitor and add controls as necessary. Continue to carefully remove sediment from the wetland. 8/24/07	Washouts/gullies have been stabilized with stone and sediment has been removed from the stone-lined filtration basin. Additional controls have been added to slow stormwater flow along the access road Some sediment has been removed from the wetland but more attention is needed

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<p>The ACOE permit is in hand and approved wetland work continues. 8/24/07</p>	<p>Follow general guidelines of the permit whenever work in wetlands occurs. 8/24/07</p>	<p>NA</p>
<p>Milford, CT Rt 121 and Oronoque Rd</p>	<p>Timber mat crane pads remain adjacent to/in wetlands in these sections. 8/24/07</p>	<p>Continue to monitor. Add controls as necessary. 8/24/07</p>	<p>NA at this time</p>
<p>West River Street and Eisenhower Park</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. 8/24/07</p>	<p>Continue to monitor and add controls as necessary. 8/24/07</p>	<p>NA at this time</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. 8/24/07</p>	<p>Continue to monitor. Install controls as necessary. 8/24/07</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 Route 34</p>	<p>Timber mat crane pads/crossings remain at the wetland areas here. A stone wetland crossing is in place at Lambert Rd and Treat Lane. 8/24/07</p>	<p>Continue to monitor. 8/24/07</p>	<p>NA at this time.</p>
<p>Clearview Lane to Rt 15</p>	<p>Stone access roads and timber mat crossings were installed in the wetland area here. 8/24/07</p>	<p>Continue to monitor. 8/24/07</p>	<p>Timber mat crossings are in place within the wetland</p>
<p>Woodbridge, CT Pease Road/JCC/B'Nai Jacob</p>	<p>Mats remain in the potential wetland area near Pease Road. 8/24/07</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. 8/24/07</p>	<p>NA at this time</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<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. 8/24/07</p>	<p>Continue to monitor. Adjust controls as necessary. 8/24/07</p>	<p>NA at this time</p>
	<p>Sediment was noted in the stream channel near structure #24119 at the JCC. Uncontained spoil piles were also noted upgradient from the wetland in this section. 8/24/07</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. 8/24/07</p>	<p>Needs attention</p>
<p>Oak Lane CC, Cow Path Lane, Salem Rd, Rimmon Rd, Brookwood Dr, Center Rd, Ansonia Rd, Manville Rd and Clearview Ln to Rte15</p>	<p>Timber mat crane pads remain within the wetlands in these sections. 8/24/07</p>	<p>Continue to monitor. 8/24/07</p>	<p>NA at this time</p>
<p>Bethany, CT (Morris to Hatfield)</p>	<p>A stone access road and timber mats have been constructed/installed in the wetland areas in this section. 8/24/07</p>	<p>Continue to monitor. 8/24/07</p>	<p>NA at this time</p>
<p>Hatfield (south)</p>	<p>Ruts from foundation work and a dissembled H-frame structure were observed in the wetland here. 8/24/07</p>	<p>Repair ruts and restore wetland area. Remove poles from wetland as soon as possible. 8/24/07</p>	<p>Needs 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. 8/24/07</p>	<p>Continue to monitor. 8/24/07.</p>	<p>NA at this time</p>
	<p>The overhead access road is stabilized. Turbid water was noted in the wetland during previous inspections. 8/24/07</p>	<p>Monitor during next large rain event. Evaluate sediment accumulation within the adjacent wetland. Carefully remove sediment from</p>	<p>Needs evaluation</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
115-kV underground transmission line/Old Lane Road		the wetland if it is greater than 2” in depth. 8/24/07	
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. No active work is occurring in this area at this time. 8/24/07	Since wood turtles are no longer dormant and active work is occurring here, field crews should receive the appropriate training in the recognition and removal of individual wood turtles from the construction area. 4/5-8/24/07	Contractors stated that field crews have received the appropriate training and sweeps have occurred and will occur during active work.
<p>Vegetative clearing or stabilization</p> <p>All active roads (all towns)</p> <p>Milford , CT</p> <p>Orange, CT</p> <p>Orange Center Rd, Ridge Rd, and Hunting Hill Place</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. 8/24/07</p> <p>Clearing appears to be complete in all sections at this time. Small trees and shrubs were retained where feasible. 8/24/07</p> <p>Crane pad reclamation and restoration work has begun in some sections Milford. 8/24/07</p> <p>Clearing appears to be complete in all sections at this time. Wood chips near the cul-de-sac off Hunting Hill Place are currently piled in a “depression” in the ROW</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. 8/24/07</p> <p>None at this time. 8/24/07</p> <p>Continue to monitor for stabilization. 8/24/07.</p> <p>Piles need to be either removed from the ROW or spread in appropriate upland areas to a depth of 3” or less. 1/11-8/24/07</p>	<p>NA</p> <p>NA</p> <p>NA</p> <p>Needs attention when feasible.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Woodbridge, CT</p>	<p>and other piles were noted off Ridge Road and Route 152. 1/11-8/24/07</p> <p>Clearing appears to be complete in all sections at this time. Small trees and shrubs were retained where feasible. 8/24/07</p>	<p>None at this time. 8/24/07</p>	<p>NA</p>
<p>JCC</p>	<p>Hydro-seed was applied to disturbed areas. Grass growth was noted in previous weeks. 8/24/07</p>	<p>Continue to monitor for stabilization. Re-seed if necessary. 8/24/07</p>	<p>NA at this time</p>
<p>B'Nai Jacob</p>	<p>Disturbed areas were seeded and mulched for temporary stabilization. Grass growth was noted in previous weeks. 8/24/07</p>	<p>Continue to monitor for stabilization. Re-seed if necessary. 8/24/07</p>	<p>NA at this time</p>
<p>Bethany, CT</p> <p>Morris to Hatfield, Downs Rd, Hoadley Rd, Hatfield to Raccio Dr</p>	<p>Clearing appears to be complete in these sections at this time. Small trees and shrubs were retained where feasible. 8/24/07</p>	<p>Continue to monitor. 8/24/07</p>	<p>NA</p>
<p>Hamden, CT</p> <p>Tom Swamp Rd/Arrow Rd, West Todd Street, Brooksvale Ave, Willow Street and Old Lane Rd.</p>	<p>Clearing appears to be complete in these sections at this time. Small trees and shrubs were retained where feasible. 8/24/07</p> <p>Brush from clearing activities was observed in the wetland near structure #3993 last week. 8/24/07</p>	<p>Continue to monitor. 8/24/07</p> <p>Carefully remove brush from the wetland area when feasible. 8/24/07</p>	<p>NA</p> <p>Needs attention when feasible</p>
<p>Dewatering</p> <p>Milford, CT</p> <p>Naugatuck Ave, Caswell St, and Plains Rd</p>	<p>Dewatering basins remain in place at new and propose drilling sites in these sections. Dewatering is complete at this time in all other sections. 8/24/07</p>	<p>Continue to monitor active areas and adjust controls as necessary. 8/24/07</p>	<p>Dewatering containment areas were installed proactively.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Orange, CT All Sections</p>	<p>Dewatering activities appear to be complete in these sections at this time. 8/24/07</p>	<p>None at this time. 8/24/07</p>	<p>NA</p>
<p>Woodbridge, CT Clearview Ln. to Rte. 15 B'Nai Jacob, JCC and Morris to Dillon (Glen Dam Reservoir)</p>	<p>Dewatering basins remain in place at the proposed drilling sites in the Glen Dam Reservoir section. Water trucks are used at Clearview Ln. to Rte. 15, JCC and B'Nai Jacob. Dewatering activities appear to be complete in all other sections. 8/24/07</p>	<p>Continue to monitor and adjust controls as necessary. 8/24/07</p>	<p>NA</p>
<p>Bethany, CT Morris to Hatfield, Downs Rd to West Todd St (Hamden) and Hatfield to Raccio Dr and Hoadley Road</p>	<p>Dewatering activities appear to be complete in these sections at this time. 8/24/07</p>	<p>None at this time. 8/24/07</p>	<p>NA</p>
<p>Hamden, CT Tom Swamp Rd/Arrow Rd, West Todd Street, Brooksvale Ave, and Old lane Rd, Willow Street, and Route 10.</p>	<p>Dewatering basins remain at new and proposed drilling sites. 8/24/07</p>	<p>Continue to monitor and adjust controls as necessary. 8/24/07</p>	<p>NA</p>
<p>Blasting</p>	<p>No blasting is proposed at this time. 8/24/07</p>	<p>None 8/24/07</p>	<p>NA</p>
<p>Spills, soils and material storage.</p>	<p>Contractor receiving yard is set up near Shelland St. in Milford. This also appears to be used for Segment 3 construction. 8/24/07</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. 8/24/07</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</p>	<p>Noted for the record. 1/18-8/24/07</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	installed to divert water from an unknown location. 1/18-8/24/07		

Next likely scheduled inspection: Thursday August 30, 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



Lexington Lane (Milford): Rock has been pulled away from the silt fence as part of the pad reclamation work. Exposed soils have been mulched.



Clearview Ln. to Rte. 15 (Woodbridge): A view of the access road at the stream crossing. Proper controls are in place.



Clearview Ln. to Rte. 15: A view of access road construction through the wetland near structure #3899.



Clearview Ln. to Rte. 15: Spoils remain on the stone pad in the the wetland near structure #3899.



Litchfield Turnpike (Bethany): Haybale check dams have been added along the access road where washouts have occurred in the past.



Glen Dam (Woodbridge): Sediment has accumulated in the stone lined sediment trap here.



Glen Dam: Silt fence is in need of repair here and soils remain exposed adjacent to structure #3950.



Hatfield Rd (Bethany): Ruts from foundation work and a disassembled H-frame structure remain in the wetland here.