

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 7, 2007

Inspector: Matt Kelly

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

Rainfall: 0.01” of precipitation was recorded in the week 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	With exception to a few areas in Hamden (see below), clearing and access road construction appears to be complete in these sections at this time. 8/7/07	Continue to monitor active work areas and add controls as necessary. See EC section. 8/7/07	Not Applicable (NA)
All access roads	Stone pads remain in place at all entrances to access roads. 8/7/07	Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 8/7/07	Active areas need regular attention
	Mats remain at the wetland crossings in these sections. 8/7/07	Continue to monitor. 8/7/07	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 immediately adjacent to	Continue to monitor and evaluate methods to protect the curb drop inlet and prevent sedimentation as needed. See Erosion Control Section for more detail. 8/7/07	CB controls are in place. Gutter buddies were added for inlet protection in some locations

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Brooksvale (west) toward Tom Swamp/Arrow Road and (east) toward Route 10, (Hamden, CT)</p>	<p>the constructed access roads. 8/7/07</p> <p>Road construction appears complete at this time. Additional timber mats have been added at the wetland/stream crossings. 8/7/07</p>	<p>Continue to monitor. See EC Section. 8/7/07</p>	<p>NA</p>
<p>Foundation and site construction</p> <p>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) and BNai Jacob</p> <p>JCC and Morris to Dillon (Glen Dam Reservoir)</p> <p>Bethany, CT</p> <p>Morris (Woodbridge) to Hatfield, Hatfield to Raccio</p> <p>Downs Road to West Todd (Hamden) and Hoadley Rd</p>	<p>Foundation work continues within the ROW off Naugatuck Ave and Caswell St. Structure installation continues. No active work this week 8/7/07</p> <p>Foundation and structure installation work appears to be complete in all sections at this time. 8/7/07</p> <p>Foundation work and structure installation appears to be complete in these sections at this time. 8/7/07</p> <p>Foundation work continues in these sections. 8/7/07</p> <p>Foundation work appears to be complete at this time. Structure installation continues in these sections. 8/7/07</p> <p>Foundation work continues in these sections. 8/7/07</p>	<p>Continue to monitor active work areas. See EC Section. 8/7/07</p> <p>Continue to monitor active work areas. See EC Section. 8/7/07</p> <p>Continue to monitor active work areas. See EC Section. 8/7/07</p> <p>Continue to monitor. See Dewatering and EC Sections. 8/7/07</p> <p>Continue to monitor. See Dewatering and EC Sections. 8/7/07</p> <p>Continue to monitor. See Dewatering and EC Sections. 8/7/07</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> <p>NA</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Hamden, CT Tom Swamp/Arrow Rd West Todd St, Brooksvale Ave, Old Lane Rd, Willow St, and Route 10	Foundation work continues in these sections. 8/7/07	Continue to monitor. See Dewatering and EC Sections. 8/7/07	NA
Erosion and sediment controls All work areas	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. 8/7/07	None. Continue to temporarily stabilize disturbed soils as necessary. 8/7/07	NA
Milford, CT Wheeler's Farm Road	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. 4/13-8/7/07	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. 8/7/07	Silt fence and stockpiles need attention when feasible
Lexington Lane	Rock from construction activities was noted at the base of the crane pad slope here. The silt fence/haybale barrier continues to prevent rock and sediment from entering the wetland area. 8/7/07	Continue to monitor and reinforce as necessary. Rock should be pulled back from the erosion controls and wetland area when feasible. 8/7/07	Needs proactive attention when feasible
Orange, CT Racebrook Rd.	Silt fence is in need of repair along the edge of the crane pad at the wetland off Racebrook Rd. 3/23- 8/7/07	Repair and maintain controls as necessary. 8/7/07	Needs proactive attention when feasible
Woodbridge, CT Glen Dam Reservoir	Sediment has accumulated in the stone sediment traps located	Sediment should be removed from the stone traps in order to maintain	Needs proactive attention

Areas of Inspection	Observation	Recommended Action	Corrected Action
JCC	<p>along the access road here. Silt fence located along the access road is in need of repair. 8/7/07</p> <p>Silt fence is in need of repair near structure #241 19. Sediment was noted in the dry stream channel here. 8/7/07</p>	<p>proper function. Stormwater will not be filtered properly if traps become overwhelmed with sediment. Repair silt fence when feasible. 8/7/07</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. 8/7/07</p>	<p>Needs attention</p>
Bethany, CT Morris to Hatfield	<p>Uncontained spoil piles were noted upgradient from the wetland in this section. 8/7/07</p> <p>Due to heavy rains (in previous weeks), washouts have occurred near the first wetland crossing here. Sediment has overwhelmed the controls in some locations. 8/7/07</p>	<p>Spoil piles should be contained within silt fence and/or haybales or covered with plastic until removed from site. 8/7/07</p> <p>Washouts/gullies should be filled with a stabilizing material. Remove sediment from controls and adjust as needed. 8/7/07</p>	<p>Needs proactive attention</p> <p>Needs attention</p>
Downs Road	<p>Hay bale check dams were added to the water bar outlets along the access road here. 8/7/07</p>	<p>Continue to monitor and add controls as necessary. 8/7/07</p>	<p>Hay bale check dams were added to the water bar outlets for sediment filtration</p>
Hamden, CT Tom Swamp Rd/Arrow Rd	<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</p>	<p>Continue to monitor and add/maintain controls as necessary and avoid piling sediment on top of the stone sediment trap. 8/2/07</p>	<p>Proper controls are in place but still needs proactive attention when feasible</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>West Todd Street</p>	<p>Swamp (east) but remains piled on top of the stone sediment trap. 8/2/07</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. 8/7/07</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. 8/7/07</p>	<p>Good efforts were made but needs additional evaluation/monitoring</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. 8/7/07</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. 8/7/07</p>	<p>Needs attention</p>
	<p>A length of culvert pipe remains in the wetland here. 8/7/07</p>	<p>The culvert pipe should be removed from the wetland area when feasible. 8/7/07</p>	<p>Needs attention</p>
	<p>Mulch has been spread in washout areas near structure #3989 in an effort to temporarily stabilize disturbed soils here. 8/7/07</p>	<p>Mulched areas should be seeded for further stabilization. Continue to monitor. Stone fill or similar may be needed to stabilize gullies/washouts. 8/7/07</p>	<p>Needs proactive attention when feasible</p>
<p>Spoils from foundation work have overwhelmed the silt fence and migrated into the wetland at structure # 3993. 8/2-8/7/07</p>	<p>Carefully remove spoils from wetland and repair silt fence. Additional controls may be need if spoil pile is to remain near the wetland. 8/2-8/7/07</p>	<p>Needs attention</p>	

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Brooksvale</p> <p>Old Lane Road</p>	<p>Access roads were constructed on steep slopes, adjacent to wetlands and streams. Haybales are in place but due to the nature of the terrain and location of wetlands additional controls may be necessary here. 8/7/07</p> <p>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. 8/7/07</p>	<p>Initial controls are in place but due to sloped terrain and location of the wetlands, additional controls are recommended. 8/7/07</p> <p>Continue to monitor and add controls as necessary. Continue to carefully remove sediment from the wetland. 8/7/07</p>	<p>Needs attention</p> <p>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</p> <p>Some sediment has been removed from the wetland but more attention is needed</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p> <p>Milford, CT</p> <p>Rt 121 and Oronoque Rd</p> <p>West River Street and Eisenhower Park</p>	<p>The ACOE permit is in hand and approved wetland work continues. 8/7/07</p> <p>Timber mat crane pads remain adjacent to/in wetlands in these sections. 8/7/07</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. 8/7/07</p>	<p>Follow general guidelines of the permit whenever work in wetlands occurs. 8/7/07</p> <p>Continue to monitor. Add controls as necessary. 8/7/07</p> <p>Continue to monitor and add controls as necessary. 8/7/07</p>	<p>NA</p> <p>NA at this time</p> <p>NA at this time</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<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</p> <p>Woodbridge, CT</p> <p>Pease Road/JCC/B'Nai Jacob</p>	<p>A stone access road remains at the wetland crossing off East Rutland. An existing stone culvert was already in place here. 8/7/07</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. 8/7/07</p> <p>Mats remain in the potential wetland area near Pease Road. 8/7/07</p> <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. 8/7/07</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. 8/7/07</p> <p>A perimeter chain link fence was installed as approved within the wetland along the access road at B'Nai. 8/7/07</p>	<p>Continue to monitor. Install controls as necessary. 8/7/07</p> <p>Continue to monitor. 8/7/07</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. 8/7/07</p> <p>Continue to monitor. Adjust controls as necessary. 8/7/07</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. 8/7/07</p> <p>None at this time. 8/7/07</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> <p>Needs Attention</p> <p>NA at this time</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Oak Lane CC, Cow Path Lane, Salem Rd, Rimmon Rd, Brookwood Dr, Center Rd, Ansonia Rd and Manville Rd	Timber mat crane pads remain within the wetlands in these sections. 8/7/07	Continue to monitor. 8/7/07	NA at this time
Bethany, CT (Morris to Hatfield)	A stone access road and timber mats have been constructed/installed in the wetland areas in this section. 8/7/07	Continue to monitor. 8/7/07	NA at this time
Hatfield (south)	Ruts from foundation work and a dissembled H-frame structure were observed in the wetland here last week. 8/7/07	Repair ruts and restore wetland area as necessary. Remove poles from wetland as soon as possible. 8/7/07	Needs attention
Hamden, CT West Todd St, Tom Swamp/Arrow Rd, Willow Street and Old Lane Rd	Temporary stone access roads and timber mats remain in some of the wetland areas in these sections. 8/7/07	Continue to monitor. 8/7/07.	NA at this time
	Spoils from foundation work have overwhelmed the silt fence and migrated into the wetland off West Todd St (northeast). 8/7/07	Carefully remove spoils from wetland area. See EC Section. 8/7/07	Needs attention
	Timber mats were installed at the wetland crossings in this section. 8/7/07	Continue to monitor. 8/7/07	Timber mats are in place at wetland crossings
Brooksvale Ave	The overhead access road is stabilized. Turbid water was noted in the wetland during previous inspections. 8/7/07	Monitor during next large rain event. Evaluate sediment accumulation within the adjacent wetland. Carefully remove sediment from the wetland if it is greater than 2" in depth. 8/7/07	Needs evaluation
115-kV underground transmission line/Old Lane Road			

Areas of Inspection	Observation	Recommended Action	Corrected Action
<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. No active work is occurring in this area at this time. 8/7/07</p>	<p>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. 4/5-8/7/07</p>	<p>Contractors stated that field crews have received the appropriate training and sweeps have occurred and will occur during active work.</p>
<p>Vegetative clearing or stabilization All active roads (all towns)</p> <p>Milford , CT</p> <p>Orange, CT Orange Center Rd, Ridge Rd, and Hunting Hill Place</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. 8/7/07</p> <p>Clearing appears to be complete in all sections at this time. Small trees and shrubs were retained where feasible. 8/7/07</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 and other piles were noted off Ridge Road and Route 152. 1/11 -8/7/07</p> <p>Clearing appears to be complete in all sections at this time. Small trees and shrubs were retained where feasible. 8/7/07</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. 8/7/07</p> <p>None at this time. 8/7/07</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 -8/7/07</p> <p>None at this time. 8/7/07</p>	<p>NA</p> <p>NA</p> <p>Needs attention when feasible.</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>JCC</p> <p>B'Nai Jacob</p> <p>Bethany, CT Morris to Hatfield, Downs Rd, Hoadley Rd, Hatfield to Raccio Dr</p> <p>Hamden, CT Tom Swamp Rd/Arrow Rd, West Todd Street, Brooksvale Ave, Willow Street and Old Lane Rd.</p>	<p>Hydro-seed was applied to disturbed areas. Grass growth was noted in previous weeks. 8/7/07</p> <p>Disturbed areas were seeded and mulched for temporary stabilization. Grass growth was noted in previous weeks. 8/7/07</p> <p>Clearing appears to be complete in these sections at this time. Small trees and shrubs were retained where feasible. 8/7/07</p> <p>Clearing appears to be complete in these sections at this time. Small trees and shrubs were retained where feasible. 8/7/07</p>	<p>Continue to monitor for stabilization. Re-seed if necessary. 8/7/07</p> <p>Continue to monitor for stabilization. Re-seed if necessary. 8/7/07</p> <p>Continue to monitor. 8/7/07</p> <p>Continue to monitor. 8/7/07</p>	<p>NA at this time</p> <p>NA at this time</p> <p>NA</p> <p>NA</p>
<p>Dewatering</p> <p>Milford, CT Naugatuck Ave, Caswell St, and Plains Rd</p> <p>Orange, CT All Sections</p> <p>Woodbridge, CT B'Nai Jacob, JCC and Morris to Dillon (Glen Dam Reservoir)</p> <p>Bethany, CT</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. 8/7/07</p> <p>Dewatering activities appear to be complete in these sections at this time. 8/7/07</p> <p>Dewatering basins remain in place at the proposed drilling sites in the Glen Dam Reservoir section. Water trucks are used at the JCC and B'Nai Jacob. Dewatering activities appear to be complete in all other sections. 8/7/07</p>	<p>Continue to monitor active areas and adjust controls as necessary. 8/7/07</p> <p>None at this time. 8/7/07</p> <p>Continue to monitor and adjust controls as necessary. 8/7/07</p>	<p>Dewatering containment areas were installed proactively.</p> <p>NA</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Morris to Hatfield, Downs Rd to West Todd St (Hamden) and Hatfield to Raccio Dr and Hoadley Road Hamden, CT Tom Swamp Rd/Arrow Rd, West Todd Street, Brooksvale Ave, and Old lane Rd	Dewatering basins remain at new and proposed drilling sites. 8/7/07 Dewatering basins remain at new and proposed drilling sites. Dewatering was active at proposed structure #4006. 8/7/07	Continue to monitor and adjust controls as necessary. 8/7/07 Continue to monitor and adjust controls as necessary. 8/7/07	NA NA
Blasting	No blasting is proposed at this time. 8/7/07	None 8/7/07	NA
Spills, soils and material storage.	Contractor receiving yard is set up near Shelland St. in Milford. This also appears to be used for Segment 3 construction. 8/7/07	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. 8/7/07	NA
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. 1/18-8/2/07	Noted for the record. 1/18-8/2/07	NA

Next likely scheduled inspection:

Tuesday August 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



JCC (Woodbridge): The silt fence is in need of repair near proposed structure #24119. Also, sediment from foundation work was noted in the dry stream channel.



JCC (Woodbridge): Uncontained spoil piles were noted upgradient from the wetland here.



Downs Rd. (Bethany): Haybale check dams have been added at the water bar outlets for sediment filtration.



Brooksvale east (Hamden): Timber mats have been installed at the wetland crossing here.