

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: September 14, 2007

Inspector: Matt Kelly

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

Rainfall: 1.75” of precipitation was recorded in the week since the last inspection with 1.70” reported on 9/11 (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. 9/14/07	Continue to monitor active work areas and add controls as necessary. See EC section. 9/14/07	Not Applicable (NA)
	Stone pads remain in place at all entrances to access roads. 9/14/07	Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 9/14/07	Active areas need regular attention
	Mats remain at the wetland crossings in these sections. 9/14/07	Continue to monitor. 9/14/07	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) was provided at those catch basins located immediately adjacent to the constructed access roads. 9/14/07	Continue to monitor and evaluate methods to protect the curb drop inlet and prevent sedimentation as needed. See Erosion Control Section for more detail. 9/14/07	CB controls are in place. Gutter buddies were added for inlet protection in some locations

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Hamden,CT</p> <p>Tom Swamp/Arrow Road West Todd Street, Old Lane Rd, Willow St. Brooksvale Ave. and Route 10</p>	<p>Foundation work appears to be complete in these sections at this time. 9/14/07</p>	<p>Continue to monitor. See Dewatering and EC Sections. 9/14/07</p>	<p>NA</p>
<p>Erosion and sediment controls</p> <p>All work areas</p> <p>Orange, CT</p> <p>Racebrook Rd.</p> <p>Hall Drive</p> <p>Dogwood</p> <p>Hunting Hill Rd.</p> <p>Hunting Hill Place</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. 9/14/07</p> <p>Crane pad adjustments have been made at structure #3870 and proposed structure #24056. Exposed soils have been graded and mulched. 9/14/07</p> <p>Pad reclamation activities have begun in this section. Additional erosion controls are needed along the wetland boundary here. 9/14/07</p> <p>Pad reclamation is complete at proposed structure #24065 and silt fence is in place. Pad reclamation continues at proposed structure #24067. 9/14/07</p> <p>Timber mat pad adjustments are complete at proposed structure #24068. 9/14/07</p> <p>Haybales have been installed along the limit</p>	<p>None at this time. Continue to utilize the appropriate erosion control measures and stabilize disturbed soils as necessary. 9/14/07</p> <p>Continue to monitor and add controls as necessary. 9/14/07</p> <p>Continue to monitor. Additional erosion controls are recommended along the wetland boundary here. 9/14/07</p> <p>Continue to monitor and add controls as necessary. 9/14/07</p> <p>Continue to monitor and add controls as necessary. 9/14/07</p> <p>Continue to monitor. 9/14/07</p>	<p>NA</p> <p>NA at this time</p> <p>Needs attention when feasible</p> <p>Pad reclamation is complete at proposed structure #24065 and silt fence is in place</p> <p>NA at this time</p> <p>Erosion controls were installed proactively</p>

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<p>Woodbridge, CT Clearview Lane to Rt 15</p>	<p>of work here to prevent sedimentation to the abutting property. 9/14/07</p> <p>The spoil pile remains on the stone crane pad in the wetland near structure #3899 and silt fence is in need of repair at structure # 3903. 9/14/07</p>	<p>Silt fence should be repaired and maintained as necessary and spoils should be contained within silt fence and/or haybales, or covered with plastic until removed from site. 9/14/07</p>	<p>Needs proactive attention when feasible</p>
<p>Glen Dam Reservoir</p>	<p>Sediment has accumulated in the stone sediment traps here. Silt fence located along the access road is in need of repair. 9/14/07</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. 9/14/07</p>	<p>Needs proactive attention</p>
<p>JCC</p>	<p>Exposed soils remain on the slope adjacent to structure #3950. 9/14/07</p> <p>Silt fence is in need of repair near structure #24119. Sediment was noted in the dry stream channel here. 9/14/07</p>	<p>Exposed soils should be seeded and mulched when feasible. 9/14/07</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. 9/14/07</p>	<p>Needs proactive attention</p> <p>Needs attention</p>
<p>Hamden,CT Tom Swamp Rd/Arrow Rd</p>	<p>Uncontained spoil piles were noted upgradient from the wetland in this section. 9/14/07</p> <p>Temporary culverts are in place within the access roads here. Stone</p>	<p>Spoil piles should be contained within silt fence and/or haybales or covered with plastic until removed from the site. 9/14/07</p> <p>Continue to monitor and add/maintain controls as necessary and avoid</p>	<p>Needs proactive attention</p> <p>Proper controls are in place but still needs proactive attention</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
West Todd Street	<p>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. 9/14/07</p>	<p>piling sediment on top of the stone sediment trap. 9/14/07</p>	<p>when feasible</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. 9/14/07</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. 9/14/07</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. 9/14/07</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. 9/14/07</p>	<p>Needs attention</p>
	<p>A length of culvert pipe remains in the wetland here. 9/14/07</p>	<p>The culvert pipe should be removed from the wetland area when feasible. 9/14/07</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. 9/14/07</p>	<p>Mulched areas should be seeded for further stabilization. Continue to monitor. Stone fill or similar may be needed to stabilize gullies/ washouts. 9/14/07</p>	<p>Needs proactive attention when feasible</p>

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<p>Brooksvale Ave</p> <p>Willow Street</p> <p>Old Lane Road</p>	<p>Access roads have been graded to direct stormwater flow away from the wetland and into a sediment trap with haybale controls. Minor washouts were noted here this week. 9/14/07</p> <p>Silt fence is in need of repair at structure #4010 and additional controls are needed along Willow Brook at structure #4009. Spoils from foundation work remain on some of the timber mats here. 9/14/07</p> <p>Due to recent heavy rain, washouts/gullies have reformed along the access road here. Sediment has overwhelmed the filtration basin and silt fence is in need of repair along the wetland boundary here. See Inland Wetland Section. 9/14/07</p>	<p>Continue to monitor and add/maintain controls as necessary to control stormwater runoff. 9/14/07</p> <p>Repair silt fence along wetland buffer at structure #4010 and remove excess soil from timber mats at structure #4009. Install additional erosion controls along Willow Brook and stabilize disturbed soils. 9/14/07</p> <p>Remove sediment from the stone-lined filtration basin and add controls as necessary to slow stormwater flow and filter sediment. See Inland Wetland Section. 9/14/07</p>	<p>Access roads have been graded to direct stormwater flow away from the wetland and into a sediment trap with haybale controls</p> <p>Needs attention</p> <p>Good efforts were made to control stormwater flow and prevent sedimentation here, but additional 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. 9/14/07</p> <p>Timber mat crane pads remain adjacent to/in wetlands in these sections. 9/14/07</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</p>	<p>Follow general guidelines of the permit whenever work in wetlands occurs. 9/14/07</p> <p>Continue to monitor. Add controls as necessary. 9/14/07</p> <p>Continue to monitor and add controls as necessary. 9/14/07</p>	<p>NA</p> <p>NA at this time</p> <p>NA at this time</p>

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<p>East Rutland Road (western access point)</p>	<p>wetland areas in these sections. 9/14/07</p>		
<p>Orange, CT</p>	<p>A stone access road remains at the wetland crossing off East Rutland. An existing stone culvert was already in place here. 9/14/07</p>	<p>Continue to monitor. Install controls as necessary. 9/14/07</p>	<p>NA at this time</p>
<p>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. Stone wetland crossings are in place at Lambert Rd and Treat Lane. 9/14/07</p>	<p>Continue to monitor. 9/14/07</p>	<p>NA at this time.</p>
<p>Clearview Lane to Rt 15</p>	<p>Stone access roads and timber mat crossings remain in the wetland areas here. 9/14/07</p>	<p>Continue to monitor. 9/14/07</p>	<p>Timber mat crossings are in place within the wetland</p>
<p>Woodbridge, CT</p>			
<p>Pease Road/JCC/B'Nai Jacob</p>	<p>Mats remain in the potential wetland area near Pease Road. 9/14/07</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. 9/14/07</p>	<p>NA at this time</p>
	<p>The wetland areas near the JCC and B'Nai Jacob have been cleared as a result of the permitted relocation of the ROW. Stone access roads remain in portions of the wetlands in these sections. 9/14/07</p>	<p>Continue to monitor. Adjust controls as necessary. 9/14/07</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. 9/14/07</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. 9/14/07</p>	<p>Needs attention</p>

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Oak Lane CC, Cow Path Lane, Salem Rd, Rimmon Rd, Brookwood Dr, Center Rd, Ansonia Rd, Manville Rd and Clear Ln to Rte15	Timber mat crane pads remain within the wetlands in these sections. 9/14/07	Continue to monitor. 9/14/07	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. 9/14/07	Continue to monitor. 9/14/07	NA at this time
Hatfield (south)	Ruts from foundation work and a disassembled H-frame structure were observed in the wetland here. 9/14/07	Repair ruts and restore wetland area. Remove poles from wetland as soon as possible. 9/14/07	Needs 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. 9/14/07	Continue to monitor. 9/14/07.	NA at this time
115-kV underground transmission line/Old Lane Road	Turbid water was noted in the wetland during previous inspections. 9/14/07	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. 9/14/07	Needs evaluation
	Due to recent heavy rains, some sediment has migrated into wetland #94. 9/14/07	Continue to monitor. Add controls as necessary to prevent further sedimentation to the wetland here. Evaluate sediment accumulation within the adjacent wetland. Carefully remove sediment from the wetland if it is greater than 2" in depth. 9/14/07	Needs attention
State species of concern, threatened and endangered	According to the D&M plan, Wood Turtles are known to occur near the	Since wood turtles are no longer dormant and active work is occurring	Contractors stated that field crews have received the

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species.	Wepawaug River at Eisenhower Park. No active work is occurring in this area at this time. 9/14/07	here, field crews should receive the appropriate training in the recognition and removal of individual wood turtles from the construction area. 4/5-9/14/07	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. 9/14/07</p> <p>Clearing appears to be complete in all sections at this time. Small trees and shrubs were retained where feasible. 9/14/07</p> <p>Crane pad reclamation and restoration work has begun in some sections. Disturbed soils are being graded and mulched for temporary stabilization. 9/14/07</p> <p>Clearing appears to be complete in all sections at this time. Wood chips near the cul-de-sac off Hunting Hill Place have been spread to depths less than 3 “. Wood chips remain piled in the ROW off Ridge Road and Route 152. 1/11-9/14/07</p> <p>Crane pad reclamation and restoration work has begun in some sections.</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. 9/14/07</p> <p>None at this time. 9/14/07</p> <p>Continue to monitor for stabilization. 9/14/07</p> <p>Piles need to either be removed from the ROW or spread in appropriate upland areas to a depth of 3” or less. 1/11-9/14/07</p> <p>Continue to monitor for stabilization. 9/14/07</p>	<p>NA</p> <p>NA</p> <p>Disturbed soils are being graded and mulched for temporary stabilization</p> <p>Wood chips near the cul-de-sac off Hunting Hill Place have been spread to a depth less than 3 “</p> <p>Disturbed soils are being graded and mulched for temporary</p>

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Woodbridge, CT	Disturbed soils are being graded and mulched for temporary stabilization. 9/14/07		stabilization
JCC	Clearing appears to be complete in all sections at this time. Small trees and shrubs were retained where feasible. 9/14/07	None at this time. 9/14/07	NA
B'Nai Jacob	Hydro-seed was applied to disturbed areas. Grass growth was noted in previous weeks. 9/14/07	Continue to monitor for stabilization. Re-seed if necessary. 9/14/07	NA at this time
Bethany, CT	Disturbed areas were seeded and mulched for temporary stabilization. Grass growth was noted in previous weeks. 9/14/07	Continue to monitor for stabilization. Re-seed if necessary. 9/14/07	NA at this time
Morris to Hatfield, Downs Rd, Hoadley Rd, Hatfield to Raccio Dr	Clearing appears to be complete in these sections at this time. Small trees and shrubs were retained where feasible. 9/14/07	Continue to monitor. 9/14/07	NA
Hamden, CT	Clearing appears to be complete in these sections at this time. Small trees and shrubs were retained where feasible. 9/14/07	Continue to monitor. 9/14/07	NA
Tom Swamp Rd/Arrow Rd, West Todd Street, Brooksvale Ave, Willow Street and Old Lane Rd.	Brush from clearing activities was observed in the wetland near structure #3993. 9/14/07	Carefully remove brush from the wetland area when feasible. 9/14/07	Needs attention when feasible
	The overhead access road off Old Lane Road has been stabilized with stone. Hydroseed was applied to exposed soils. 9/14/07	Continue to monitor for final stabilization. 9/14/07	Hydroseed was applied to exposed soils

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Dewatering</p> <p>Milford, CT Naugatuck Ave, Caswell St, and Plains Rd</p> <p>Orange, CT All Sections</p> <p>Woodbridge, CT All Sections</p> <p>Bethany, CT All Sections</p> <p>Hamden, CT All Sections</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. 9/14/07</p> <p>Dewatering activities appear to be complete in these sections at this time. Dewatering basins have been installed proactively for 345kV foundation work. 9/14/07</p> <p>Dewatering activities appear to be complete in these sections at this time 9/14/07</p> <p>Dewatering activities appear to be complete in these sections at this time 9/14/07</p> <p>Dewatering activities appear to be complete in these sections at this time 9/14/07</p>	<p>Continue to monitor active areas and adjust controls as necessary. 9/14/07</p> <p>Continue to monitor. 9/14/07</p> <p>None at this time. 9/14/07</p> <p>Continue to monitor and adjust controls as necessary. 9/14/07</p> <p>Continue to monitor and adjust controls as necessary. 9/14/07</p>	<p>Dewatering containment areas were installed proactively.</p> <p>Dewatering basins have been installed proactively for 345kV foundation work</p> <p>NA</p> <p>NA</p> <p>NA</p>
<p>Blasting</p>	<p>No blasting is proposed at this time. 9/14/07</p>	<p>None. 9/14/07</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. 9/14/07</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. 9/14/07</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</p>	<p>Noted for the record. 1/18-9/14/07</p>	<p>NA</p>

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	the first structure and a pipe appears to have been installed to divert water from an unknown location. 1/18-9/14/07		

Next likely scheduled inspection: Thursday September 20, 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*



Dogwood Rd (Orange): Pad reclamation is complete and silt fence is in place at proposed structure #24065.



Hunting Hill Place (Orange): Erosion controls have been installed along the limit of work here to prevent sedimentation to the abutting property. Wood chips have been spread within the ROW at a depth of less than 3".



Brooksvale Ave (Hamden): This section of access road has been graded in an effort to divert flow away from wetland #100.



Brooksvale Ave: Diverted runoff from the access road is now directed toward a sediment trap with haybale controls.



Old Lane Rd (Hamden): Due to recent heavy rains, washouts have occurred in the access road here.



Old Lane Rd: Additional controls may be necessary here to slow stormwater flow and prevent sediment migration into nearby wetlands.



Old Lane Rd: Due to heavy rains, some sediment has migrated into wetland # 94.