

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: June 29, 2007

Inspector: Matt Kelly

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

Rainfall: 0.14” of precipitation was recorded in the week since the last inspection, with 0.12” of the total reported on 6/27 (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. 6/29/07	Continue to monitor active work areas and add controls as necessary. See EC section. 6/29/07	Not Applicable (NA)
All access roads	Stone pads remain in place at all entrances to access roads. 6/29/07	Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 6/29/07	Active areas need regular attention
	Mats remain at the wetland crossings in these sections. 6/29/07	Continue to monitor. 6/29/07	NA
	“Silt saks” (or similar) remain intact within catch basins located in the vicinity of the constructed access roads. Silt sak fabric was pulled over the curb drop inlet at those catch basins located immediately adjacent to the constructed access roads. 6/29/07	Continue to monitor and evaluate methods to protect the curb drop inlet and prevent sedimentation as needed. See Erosion Control Section for more detail. 6/29/07	CB controls in place. Improve as necessary
Willow St, Old Lane Road (Hamden, CT)	Access road construction continues off Willow Street, but no active work	Continue to monitor. See EC Section. 6/29/07	NA at this time

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>was noted this week. 6/29/07</p> <p>Timber mat crossings were installed in the wetland areas along the access road off Old Lane Rd this week. 6/29/07</p> <p>A small section of ROW between Tom Swamp/Arrow Rd and Brooksvale has yet to be accessed. 6/29/07</p>	<p>Continue to monitor. See EC Section. 6/29/07</p> <p>None at this time. 6/29/07</p>	<p>Timber mat crossings were installed in the wetland areas of the access road</p> <p>NA</p>
<p>Foundation and site construction</p> <p>Milford, CT</p> <p>Orange, CT</p> <p>Woodbridge, CT Pease Rd, Oak Lane CC, Brookwood Dr, Salem Rd, Ansonia Rd, Manville Rd, Rimmon Rd, Center Rd, Clark St, Woodbine Rd, and Morris Rd (east)</p> <p>B'Nai Jacob, Cowpath Lane, and Morris to Dillon (Glen Dam Reservoir),</p> <p>JCC</p> <p>Bethany, CT Morris (Hamden) to Hatfield, Downs Road to West Todd (Hamden)</p>	<p>Foundation work continues within the ROW off Naugatuck Ave, Caswell St, and Plains Rd. Structure installation continues. 6/29/07.</p> <p>Foundation work appears to be complete in all sections at this time. Structure installation continues. 6/29/07</p> <p>Foundation work appears to be complete in these sections at this time. Structure installation continues. 6/29/07</p> <p>Foundation work continues in these sections. No active work was noted in the Glen Dam Reservoir area this week. 6/29/07</p> <p>Foundation work has not yet begun, but crane pads have been constructed in this section. 6/29/07</p> <p>Foundation work has not yet begun, but crane pads have been constructed in these sections. 6/29/07</p>	<p>Continue to monitor active work areas. See EC Section. 6/29/07</p> <p>Continue to monitor active work areas. See EC Section. 6/29/07</p> <p>Continue to monitor active work areas. See EC Section. 6/29/07</p> <p>Continue to monitor. See Dewatering and EC Sections. 6/29/07</p> <p>Continue to monitor. See Dewatering and EC Sections. 6/29/07</p> <p>Continue to monitor. See Dewatering and EC Sections. 6/29/07</p>	<p>NA at this time</p> <p>NA at this time</p> <p>NA</p> <p>NA at this time</p> <p>NA</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Hoadley Rd and Hatfield to Raccio</p> <p>Hamden, CT Tom Swamp/Arrow Road and West Todd Street</p> <p>Brooksvale Ave, Old Lane Rd, Willow Street, and Route 10</p>	<p>Foundation work appears to be complete in these sections. 6/29/07</p> <p>Foundation drilling/pouring has begun in these sections. 6/29/07</p> <p>Foundation work has not yet begun, but stone pads have been constructed in these sections. Timber mat crane pads were installed in the wetland areas. 6/29/07</p>	<p>None at this time. 6/29/07</p> <p>Continue to monitor. See Dewatering and EC Sections. 6/29/07</p> <p>Continue to monitor. See Dewatering and EC Sections. 6/29/07</p>	<p>NA</p> <p>NA</p> <p>NA</p>
<p>Erosion and sediment controls</p> <p>All work areas</p> <p>Milford, CT West River Street</p> <p>Route 121</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. 6/29/07</p> <p>Portions of the wetland along the edge of the crane pad work area were disturbed in previous weeks. Controls are in place. 6/29/07</p> <p>Silt fence check dams are in disrepair due to previous storm events. The silt fence at the wetland edge is also in need of repair, but this area appears to be stabilized with vegetation (east). 6/29/07</p>	<p>None. Continue to temporarily stabilize disturbed soils as necessary. 6/29/07</p> <p>All equipment should remain within the limits of the crane pad/work area and wetland areas should be restored if/when feasible. Continue to monitor. 6/29/07</p> <p>Continue to monitor and maintain as necessary. 3/23-6/22/07</p>	<p>NA</p> <p>Disturbed wetland areas should be restored if/when feasible</p> <p>Needs proactive attention when feasible</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Wheeler's Farm Road	Snow and sediment were piled on the silt fence due to snow clearing (east) 3/19-5/3/07. Silt fence may need to be extended near the wetland, downgradient of the dewatering area here. 3/23-5/3/07. The stockpile near the road is not covered. 4/13-6/29/07	Continue to monitor. Silt fence needs repair. Any remaining sediment needs to be pulled back to the work side of the fence. See Dewatering Section. 3/23-5/3/07. All inactive stockpiles should be covered. 6/29/07	Silt fence and stockpiles need attention
Orange, CT Russell Ave	Some ruts remain within the ROW here. Soils are too soft to support equipment. 11/20-6/29/07	Stabilize soil (tracks) as it becomes necessary. 11/20-6/29/07	NA at this time
Sunset Dr, Overland Dr, and Treat Lane	All spoil piles are on liners and remain partially covered with plastic in these sections. The plastic covering should be adjusted in some areas. 2/16-6/29/07	Adjust plastic on spoil piles as needed. 6/29/07	Needs proactive attention when feasible.
Racebrook Rd.	Silt fence is in need of repair along the edge of the crane pad at the wetland off Racebrook Rd. 3/23- 6/29/07	Repair and maintain controls as necessary. 6/29/07	Needs proactive attention when feasible
Edward Court	Some of the mulch was previously washed downslope at the disturbed area here, but soils now appear to be stabilized with vegetation. 6/29/07	Continue to monitor. Additional stabilization measures may be necessary here. Re-apply mulch in this area if needed. 2/22-6/29/07	This section appears to be stabilized with vegetation
Hunting Hill Road	The majority of the silt fence remains intact at the matted wetland here. Snow was piled on the fence near the southeastern corner of the mat the week of 3/23. 6/29/07	Continue to monitor and maintain as necessary. Any remaining sediment needs to be pulled back to the work side of the fence. 3/23- 6/29/07	Needs proactive attention when feasible
Woodbridge, CT JCC	Silt fence remains along the stream and wetland	Continue to monitor for stabilization. Re-seed if	Grass growth noted

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B'Nai Jacob	<p>area. Hydro-seed was applied to the remaining disturbed areas. Grass growth was noted. 6/29/07</p> <p>Ruts were graded and disturbed areas were seeded and mulched for temporary stabilization in previous weeks. Grass growth was noted. 6/29/07</p>	<p>necessary. 6/22/07</p> <p>Monitor for stabilization and continue to use mats where necessary to reduce overall soil disturbance. 6/29/07.</p>	<p>Grass growth noted</p>
Salem Rd	<p>Some ruts remain within the upland portion of the ROW here. Soils are too soft to support equipment here. 6/29/07</p>	<p>Stabilize soil (tracks) as it becomes necessary. 6/29/07</p>	<p>Needs attention when feasible</p>
Manville Rd and Ansonia Rd	<p>Timber mats and erosion controls are in place in these sections. Slurry was pumped directly onto the timber mat crane pad within the wetland off Manville Rd last week. 6/29/07</p>	<p>Continue to monitor and adjust controls as work continues here. Slurry should be removed from the crane pad and proper controls should be used from this point forward. See Dewatering Section. 6/29/07</p>	<p>Slurry was removed from crane pad and wetland area</p>
Center Rd (west)	<p>Spoil piles that were only partially protected by erosion controls were noted near a wetland in this section. 6/29/07</p>	<p>Install/extend silt fence here to contain entire spoil pile and prevent sedimentation to the wetland area. 6/29/07</p>	<p>Needs proactive attention</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 noted within the stone trap at the 2nd culvert outlet off Tom Swamp (east). 3/30-6/29/07</p>	<p>Continue to monitor and add/maintain controls as necessary. Remove sediment to restore capacity and function here when needed. 3/30-6/29/07</p>	<p>Proper controls are in place but still needs proactive attention</p>
West Todd Street	<p>Controls are in place at the water bar and culvert outlets but sediment from past rain events remains in the adjacent upland</p>	<p>Continue to improve controls at the water bar outlets and stabilize remaining sediment to prevent potential</p>	<p>Needs proactive attention</p>

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Inland Wetland and Watercourse encroachment and mitigation	The ACOE permit is in hand and approved wetland work continues. 6/29/07	Follow general guidelines of the permit whenever work in wetlands occurs. 6/29/07	NA
Milford, CT Rt 121 and Oronoque Rd	Timber mat crane pads remain adjacent to/in wetlands in these sections. 6/29/07	Continue to monitor. Add controls as necessary. 6/29/07	NA at this time
West River Street and Eisenhower Park	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. 6/29/07	Continue to monitor and add controls as necessary. 6/29/07	NA at this time
East Rutland Road (western access point)	A stone access road remains at the wetland crossing off East Rutland. An existing stone culvert was already in place here. 6/29/07	Continue to monitor. Install controls as necessary. 6/29/07	NA at this time
Orange, CT Sunset Drive, Pine Tree Rd (east), Treat Lane, Lambert Rd, Russell Ave, Hunting hill Road, Racebrook Rd, and Route 34	Timber mat crane pads/crossings remain at the wetland areas here. A stone wetland crossing is in place at Lambert Rd and Treat Lane. 6/29/07	Continue to monitor. 6/29/07	NA at this time.
Woodbridge, CT Pease Road/JCC/B'Nai Jacob	Mats remain in the potential wetland area near Pease Road. 6/29/07 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 were constructed through portions of the wetlands in these sections. 6/29/07	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. 6/22/07 Continue to monitor. Adjust controls as necessary. 6/29/07	NA at this time NA at this time

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Oak Lane CC, Cow Path Lane, Salem Rd, Rimmon Rd, Brookwood Dr, Center Rd, Ansonia Rd and Manville Rd</p> <p>Bethany, CT (Morris to Hatfield)</p> <p>Hamden, CT West Todd St and Tom Swamp/Arrow Rd</p> <p>Willow Street</p> <p>115-kV underground transmission line/Old Lane Road</p>	<p>A perimeter chain link fence was installed as approved within the wetland along the access road at B’Nai this week. 6/29/07</p>	<p>None at this time. 6/29/07</p>	<p>NA at this time</p>
	<p>Timber mat crane pads remain within the wetlands in these sections. 6/29/07</p>	<p>Continue to monitor. 6/29/07</p>	<p>NA at this time</p>
	<p>A vehicle was parked on the crane pad within a wetland area off Manville Road last week. No spills or leaks were observed. 6/29/07</p>	<p>All construction vehicles should be parked at least 100’ from a wetland or waterbody when feasible. 6/29/07</p>	<p>Vehicle was moved away from the wetland area</p>
	<p>A stone access road and timber mats have been constructed/installed in the wetland areas in this section. 6/29/07</p>	<p>Continue to monitor. 6/29/07</p>	<p>NA at this time</p>
	<p>Temporary stone access roads and timber mats remain in some of the wetland areas in these sections. 6/29/07</p>	<p>Continue to monitor. 6/29/07.</p>	<p>NA at this time</p>
	<p>Timber mats are on site and will be installed before foundation work begins. No active work was noted in this section this week. 6/29/07</p>	<p>Continue to monitor and install timber mats as necessary. 6/29/07</p>	<p>NA at this time</p>
	<p>The overhead access road was stabilized, but the water within the wetland remains turbid. 6/29/07</p>	<p>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. 6/29/07</p>	<p>Needs evaluation</p>
<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. Active work is currently</p>	<p>Since wood turtles are no longer dormant and active work is occurring here, field crews should receive the appropriate training in the</p>	<p>Contractors stated that field crews have received the appropriate training and sweeps are occurring.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	occurring in this area. 4/5-6/29/07	recognition and removal of individual wood turtles from the construction area. 4/5-6/29/07	
<p>Vegetative clearing or stabilization</p> <p>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>Pease Rd</p> <p>Bethany, CT Morris to Hatfield, Downs Rd, Hoadley Rd, Hatfield to Raccio Dr</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. 6/29/07</p> <p>Clearing appears to be complete in all sections at this time. Small trees and shrubs were retained where feasible. 6/29/07</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. 1/11-6/29/07</p> <p>Clearing appears to be complete in all sections at this time. Small trees and shrubs were retained where feasible. 6/29/07</p> <p>A wood chip pile, approximately 3 feet deep, is located in an upland area along the access road off Pease road. 6/29/07</p> <p>Clearing appears to be complete in these sections at this time. Small trees and shrubs</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. 6/29/07</p> <p>None at this time. 6/29/07</p> <p>Piles need to be either removed from the ROW or spread in appropriate upland areas to a depth of 3” or less. 1/11-6/29/07</p> <p>None at this time. 6/29/07</p> <p>Piles need to be either removed from the ROW or spread in appropriate upland areas to a depth of 3” or less. 6/29/07</p> <p>Continue to monitor. 6/29/07</p>	<p>NA</p> <p>NA</p> <p>Needs attention when feasible.</p> <p>NA</p> <p>Needs attention when feasible</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Hamden, CT Tom Swamp Rd/Arrow Rd, West Todd Street, Brooksvale Ave, Willow Street and Old Lane Rd.</p>	<p>Small trees and shrubs were retained where feasible. 6/29/07</p> <p>Clearing appears to be complete in these sections at this time. Small trees and shrubs were retained where feasible. 6/29/07</p>	<p>Continue to monitor. 6/29/07</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 Pease Rd/JCC, Salem Rd, Brookwood Dr, Cowpath Lane, Manville Rd and Oak Lane CC</p> <p>B'Nai, Ansonia Rd, Manville Rd and Oak Lane CC</p> <p>Bethany, CT Morris to Hatfield and Downs Rd to West Todd St (Hamden)</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. 6/29/07</p> <p>Dewatering activities appear to be complete in these sections at this time. 6/29/07</p> <p>Dewatering basins remain in place at the proposed drilling sites. Water trucks are used here when dewatering controls are approaching capacity. 6/29/07</p> <p>Water trucks and frac-tanks were used for dewatering at these drilling sites. Slurry was pumped into a filter bag at an upland location near Pease Road, but some sediment breached the controls here. 6/29/07</p> <p>Slurry was pumped directly onto the timber mat crane pad within the wetland off Manville Rd last week. 6/29/07</p> <p>Dewatering basins remain at new and proposed drilling sites. 6/29/07</p>	<p>Continue to monitor active areas and adjust controls as necessary. 6/29/07</p> <p>None at this time.6/29/07</p> <p>Continue to monitor and adjust controls as necessary. 6/29/07</p> <p>The filter bag should be used in conjunction with haybales or placed within an earthen basin to ensure water is properly filtered before it is released to the ground. 6/29/07</p> <p>See EC Section. Proper dewatering controls should be used at all times, especially in a wetland area. 6/29/07</p> <p>Continue to monitor and adjust controls as necessary. 6/29/07</p>	<p>Dewatering containment areas were installed proactively.</p> <p>NA</p> <p>Water trucks are used here when dewatering controls are approaching capacity</p> <p>Needs attention if dewatering is to continue here</p> <p>Proper dewatering controls are needed here</p> <p>Dewatering containment areas were installed proactively.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Hatfield to Raccio Dr and Hoadley Road Hamden, CT Tom Swamp Rd/Arrow Rd, West Todd Street, Brooksvale Ave, and Old lane Rd	Dewatering activities appear to be complete in these sections at this time. 6/29/07 Dewatering basins remain at new and proposed drilling sites. 6/29/07	None at this time. 6/29/07 Continue to monitor and adjust controls as necessary. 6/29/07	NA Dewatering containment areas were installed proactively.
Blasting	No blasting is proposed at this time. 6/29/07	None	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. 6/29/07	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. 6/29/07	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. 1/18-6/29/07	Noted for the record. 1/18-6/29/07	NA

Next likely scheduled inspection: Friday July 6, 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



Old Lane Rd (Hamden): Timber mats were installed at the wetland crossing here. Disturbed soils have been mulched and silt fence/haybale controls are in place along the wetland boundary.



Old Lane Rd: A drainage swale, stone check dams, and a stone-lined filtration basin were constructed to control and filter stormwater flow in this section. Additional stone check dams may be needed to slow flow here.



Center Rd (Woodbridge): Foundation work is complete and the structure has been delivered for installation.



B'Nai Jacob (Woodbridge): A perimeter fence has been installed through the wetland, along the access road here.