

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: January 18, 2008

Inspector: Matt Kelly

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

Rainfall: 1.10” of precipitation were recorded since the last inspection with 0.92” of the total reported on 1/11. (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. 1/18/08	Continue to monitor active work areas and add controls as necessary. See EC section. 1/18/08	Not Applicable (NA)
	Stone pads remain in place at all entrances to access roads. 1/18/08	Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 1/18/08	Active areas need regular attention
	Mats remain at the wetland crossings in these sections. 1/18/08	Continue to monitor. 1/18/08	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) is provided at those catch basins located immediately adjacent to the constructed access roads. 1/18/08	Continue to monitor and evaluate methods to protect the curb drop inlet and prevent sedimentation as needed. See Erosion Control Section for more detail. 1/18/08	NA
Milford, CT Caswell St/Bic Dr	All access points (overhead & underground) have been	Continue to monitor and sweep roadway as necessary. If sediment	The remaining access points (overhead & underground) have been

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	stabilized with stone pads, but the adjacent catch basin is still not protected. 12/14-1/18/08	tracking continues, catch basin protection should be provided. 1/18/08	stabilized with stone pads
<p>Foundation and site construction All sections</p> <p>Milford, Orange, Woodbridge, Bethany, and Hamden CT</p> <p>Milford, CT</p> <p>Orange, CT</p> <p>Woodbridge, CT</p> <p>Hamden, CT</p>	<p>H- frame structure and lattice tower removal continues in all sections. 1/18/08</p> <p>115-kV foundation work appears to be complete at this time within the ROW. 1/18/08</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 all sections. 1/18/08</p> <p>Foundation work and structure installation continues off Wheelers Farm Rd, Eisenhower Park, West River St, North St, and Fresh Meadow Lane. 1/18/08</p> <p>345-kV foundation work continues off Treat Ln and Woodruff Rd. Structure installation continues off Ridge Rd. 1/18/08</p> <p>345-kV foundation work and structure installation continues within the Pease Rd/JCC and Rimmon Rd/B'Nai Jacob sections, and off Dogburn Rd. 1/18/08</p> <p>Foundation work continues between Downs Road (Bethany) to Gaylord Mtn. Rd. 1/18/08</p>	<p>Continue to monitor. 1/18/08</p> <p>Continue to monitor. See EC Section. 1/18/08</p> <p>Continue to monitor. See EC and Stabilization Sections. 1/18/08</p> <p>Continue to monitor active work areas. See EC Section. 1/18/08</p> <p>Continue to monitor active work areas. See EC Section. 1/18/08</p> <p>Continue to monitor active work areas. See EC Section. 1/18/08</p> <p>Continue to monitor active work areas. See EC Section. 1/18/08</p>	<p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p>

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<p>Erosion and sediment controls</p> <p>Milford & Orange, Woodbridge, CT</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. 1/18/08</p>	<p>None at this time. Continue to utilize the appropriate erosion control measures and stabilize disturbed soils as necessary. 1/18/08</p>	<p>NA</p>
	<p>Pad reclamation is complete in most areas at this time. Exposed soils have been graded and mulched. 1/18/08</p>	<p>Continue to monitor. Additional erosion controls are recommended in some areas during 345-kV foundation work. See Stabilization Section. 1/18/08</p>	<p>NA</p>
	<p>Spoil piles remain within the ROW off Caswell St, Plains Rd, Oronoque Rd, and E. Rutland Rd in Milford. Piles appear to be contained on site. 1/18/08</p>	<p>Remove spoil piles when feasible. 1/18/08</p>	<p>Needs attention when feasible</p>
	<p>Spoils are being removed from wetland areas and stored in upland areas within the ROW off Oronoque Rd and within Eisenhower Park. Proper controls are in place. 1/18/08</p>	<p>Continue to monitor and adjust controls as necessary. 1/18/08</p>	<p>NA</p>
<p>West River St</p>	<p>Silt fence in need of repair at structures #24023 & #24025. 12/14-1/18/08</p>	<p>Repair and maintain controls as necessary. 1/18/08</p>	<p>Needs attention</p>
<p>Eisenhower Park</p>	<p>Excess sediment from foundation drilling was observed on wetland timbermats in this section. 1/18/08</p>	<p>Remove excess sediment from mats and add controls as necessary. 1/18/08</p>	<p>Needs attention</p>
	<p>Excess sediment from foundation drilling was observed on wetland timbermats in this section</p>	<p>Remove sediment from timbermat pads and add/maintain controls as necessary. 1/18/08</p>	<p>Needs attention</p>

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North St	<p>timbermats in this section. 1/18/08</p> <p>Erosion controls have been installed along the perimeter of the timbermat crane pad at proposed structure #24026. 1/18/08</p> <p>Silt fence controls remain at capacity near structure #24027. 1/4-1/18/08</p> <p>Excess sediment from foundation drilling was observed on wetland timbermats near structure #24030. 1/10-18/08</p>	<p>necessary. 1/18/08</p> <p>Continue to monitor and add/maintain controls as necessary. 1/18/08</p> <p>Repair/add controls as necessary. Remove excess sediment to restore capacity/function of controls. 1/18/08</p> <p>Remove excess sediment from mats and add controls as necessary. 1/18/08</p>	<p>Erosion controls have been installed along the perimeter of the timbermat crane pad</p> <p>Efforts were made to repair controls but the controls remain overwhelmed with sand</p> <p>Needs attention</p>
Woodbridge, CT Glen Dam Reservoir	<p>Silt fence in need of repair at structures #24030 & #24032. 1/18/08</p> <p>Exposed soils remain on the slope adjacent to structure 3950. 8/24-1/18/08</p>	<p>Repair/add controls as necessary. 1/18/08</p> <p>Continue to monitor and stabilize disturbed areas when work is complete and activity will not return within 21 days. Add/maintain controls as necessary. Ensure sufficient stabilization for winter months. 1/18/08</p>	<p>Needs attention</p> <p>Needs attention when feasible</p>
Pease Rd	<p>The waterbar located at the entrance of the access road was replaced/ repaired. 1/18/08</p>	<p>Continue to maintain controls here. Add catch basin protection down gradient of the ROW access, on Pease road. 1/18/08</p>	<p>The waterbar located at the entrance of the access road was replaced/ repaired, but <i>the catch basin on Pease Rd needs attention</i></p>
JCC	<p>Sediment was noted in the dry stream channel near structure #24119 (8/7/07). Sediment accumulation does not appear to have increased. 1/18/08</p>	<p>Continue to evaluate sediment accumulation within the stream channel. Carefully remove sediment during the dry season if it is greater than 2” in depth. 1/18/08</p>	<p>Needs evaluation</p>

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<p>Hamden, CT</p> <p>West Todd Street/ Gaylord Mountain</p> <p>Brooksvale Ave</p> <p>Willow Street</p>	<p>Spoil piles remain within the ROW near structure #3932. Piles appear to be contained on site. 1/18/08</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. 1/18/08</p> <p>Additional controls are needed within the ROW access road to help control and filter stormwater runoff. 1/10-18/08</p> <p>Excess sediment has been removed from the timbermat crossing within the access road here. See Wetland Section. 1/18/08</p> <p>Spoils from foundation/grounding work remain on some of the timber mats at structure #4009. 9/21-1/18/08</p>	<p>Remove spoil piles when feasible. 1/18/08</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 on-site containment. 1/18/08</p> <p>Install additional controls as necessary to control and filter stormwater runoff. 1/18/08</p> <p>Continue to monitor and maintain controls to prevent further sedimentation to the wetlands. See Wetland Section. 1/18/08</p> <p>Continue to monitor and stabilize disturbed soils. Remove spoils from timber mats. 1/18/08</p>	<p>Needs attention when feasible</p> <p>Good efforts were made but <i>needs additional evaluation/monitoring</i></p> <p>Needs attention</p> <p>Excess sediment has been removed from the timbermat crossing within the access road here, but <i>needs further attention</i></p> <p>Needs attention when feasible</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p> <p>Milford, CT</p> <p>Naugatuck Ave, Rt 121 and Oronoque Rd</p> <p>West River Street,</p>	<p>The ACOE permit is in hand and approved wetland work continues. 1/18/08</p> <p>Timber mat crane pads remain adjacent to/in wetlands in these sections. 1/18/08</p> <p>A stone access road</p>	<p>Follow general guidelines of the permit whenever work in wetlands occurs. 1/18/08</p> <p>Continue to monitor and add controls as necessary. 1/18/08</p> <p>Continue to monitor and</p>	<p>NA</p> <p>NA at this time</p> <p>NA at this time</p>

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Eisenhower Park, and North St	<p>remains within the wetland accessed from West River Street. Timber mat crane pads remain within the wetland areas in these sections. 1/18/08</p> <p>Excess sediment from foundation drilling was observed on wetland timbermats in the ROW off West River St, North Street and within Eisenhower Park. 1/18/08</p> <p>Equipment ruts were observed in the wetland near structure #24023. 112/14-1/18/08</p> <p>A disassembled lattice tower was observed in the wetland near proposed structure #24023. 1/18/08</p>	<p>add controls as necessary. 1/18/08</p> <p>Remove sediment from wetland area. See EC Section. 1/18/08</p> <p>Fill and stabilize ruts with appropriate material. 1/18/08</p> <p>Remove the structure from the wetland. 1/18/08</p>	<p>Needs attention</p> <p>Needs attention</p> <p>Needs attention</p>
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. 1/18/08	Continue to monitor. Install controls as necessary. 1/18/08	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. Stone wetland crossings are in place at Lambert Rd and Treat Lane. 1/18/08	Continue to monitor. 1/18/08	NA at this time.
Clearview Lane to Rt 15	Stone access roads and timber mat crossings remain in the wetland areas here. 1/18/08	Continue to monitor. 1/18/08	NA at this time
Woodbridge, CT			
Pease Road	Mats remain in the potential wetland area here. 1/18/08	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. 1/18/08	NA at this time

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JCC/B’Nai Jacob	<p>Tire ruts were noted in a wetland area within the abandoned ROW here. 11/16-1/18/08</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. 1/18/08</p>	<p>1/18/08</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. 1/18/08</p> <p>Continue to monitor. Adjust controls as necessary. 1/18/08</p>	<p>Needs attention</p> <p>NA at this time</p>
Rimmon Rd	<p>Sediment was noted in the stream channel near structure #24119 at the JCC (8/7/07). No further accumulation has been observed. 1/18/08</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. 1/18/08</p>	<p>Needs evaluation</p>
Oak Lane CC, Cow Path Lane, Salem Rd, Rimmon Rd, Brookwood Dr, Center Rd, Ansonia Rd, Manville Rd and Clear Ln to Rte 15	<p>A timbermat crane pad (installed 12/7/07)remains adjacent to/within a tributary stream of Race Brook near structure #24105. 1/18/08</p> <p>Timber mat crane pads remain within the wetlands in these sections. 1/18/08</p>	<p>Continue to monitor. 1/18/08</p> <p>Continue to monitor. 1/18/08</p>	<p>NA</p> <p>NA at this time</p>
Bethany, CT Morris to Hatfield	<p>A stone access road and timber mats are in place in the wetland areas in this section. 1/18/08</p>	<p>Continue to monitor. 1/18/08</p>	<p>NA</p>
Litchfield Turnpike	<p>Excess sediment has accumulated on the</p>	<p>Carefully remove sediment from wetland areas when</p>	<p>Needs evaluation/attention</p>

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<p>Hamden,CT</p>	<p>timber mat crossings within the access road here. Sediment has seeped through the mats and into wetlands #119 (near structure #3961), #116 (between structures #3964 and #3965), #115 (between structures #3965 and #3966) and #114 (between structure #3966 and #3967). 1/18/08</p>	<p>timber mats are removed. See EC Section. 1/18/08</p>	
<p>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. 1/18/08</p>	<p>Continue to monitor. 1/18/08</p>	<p>NA at this time</p>
<p>West Todd Street</p>	<p>Some sediment remains in the wetland area located to the southwest of structure #3992. 12/20-1/18/08</p>	<p>Evaluate sediment accumulation within the wetland. Carefully remove sediment from wetland if it is greater than 2” in depth. 1/18/08</p>	<p>Needs evaluation</p>
<p>Brooksvale Ave</p>	<p>Excess sediment has been removed from the timber mat crossing within the access road here, but sediment had seeped through the mats and into wetland #100. 1/18/08</p>	<p>Carefully remove sediment from wetland areas when timber mats are removed. 1/18/08</p>	<p>Needs evaluation/attention</p>
<p>Old Lane Road</p>	<p>Sediment remains in wetland #94. 10/5-1/18/08</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. 1/18/08</p>	<p>Needs evaluation/attention</p>
<p>115-kV underground transmission line Old Lane Road</p>	<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 across from the overhead</p>	<p>Continue to evaluate sediment accumulation within the adjacent wetland. Carefully remove sediment from the wetland if it is greater than 2’ in depth. 1/18/08</p>	<p>Needs further evaluation</p>

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<p>Woodbridge, CT</p> <p>JCC</p> <p>B'Nai Jacob</p> <p>Hamden, CT</p> <p>Gaylord Mtn Rd/West Todd St</p> <p>Old Lane Road</p>	<p>stabilization. 1/18/08</p> <p>Construction of the wetland mitigation area in Eisenhower Park appears to be complete at this time. Temporary stabilization measures are in place. 1/18/08</p> <p>Wood chip piles remain in the ROW off Russell Ave in Orange. 1/18/08</p> <p>Hydro-seed was applied to disturbed areas. 1/18/08</p> <p>Disturbed areas were seeded and mulched for temporary stabilization. 1/18/08</p> <p>Mulch has been spread in washout areas near structure #3989 in an effort to temporarily stabilize disturbed soils. 1/18/08</p> <p>The overhead access road has been stabilized with stone. Hydroseed was applied to exposed soils. 1/18/08</p>	<p>Continue to monitor until final stabilization is achieved. 1/18/08</p> <p>Wood chip piles should be removed from the ROW or spread in appropriate upland areas to a depth of 3" or less. 1/18/08</p> <p>Continue to monitor for stabilization. Re-seed if necessary. 1/18/08</p> <p>Continue to monitor for stabilization. Re-seed if necessary. 1/18/08</p> <p>Continue to monitor. Mulched areas should be seeded for further stabilization. Stone fill or similar may be needed to stabilize gullies/washouts. 1/18/08</p> <p>Continue to monitor until stabilization is achieved. 1/18/08</p>	<p>NA</p> <p>Needs attention when feasible</p> <p>NA</p> <p>NA</p> <p>Continue stabilization efforts</p> <p>NA</p>
<p>Dewatering</p> <p>Milford, CT</p> <p>Naugatuck Ave, Caswell St, Plains Rd, and Oronoque Rd</p> <p>Eisenhower Park and West River Street</p>	<p>Dewatering basins remain in place at new and proposed drilling sites in these sections. 1/18/08</p> <p>Frac tanks are in place for dewatering in these sections. 1/18/08</p>	<p>Continue to monitor active areas and adjust controls as necessary. 1/18/08</p> <p>Continue to monitor. 1/18/08</p>	<p>Dewatering containment areas were installed proactively.</p> <p>NA</p>

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Orange, CT Woodbridge, Bethany, and Hamden CT	Dewatering basins remain for 345kV foundation work. 1/18/08	Continue to monitor. 1/18/08	NA
North St	The leaking dewatering basin near structure #3845 was removed from the ROW. 1/18/08	None at this time. 1/18/08	NA
Rimmon Rd/B'Nai	A dewatering basin was constructed from a spoil pile near structure #24108 in Woodbridge. Erosion controls have been installed along the perimeter. 1/18/08	Continue to monitor and add controls as necessary. 1/18/08	Erosion controls were installed around the perimeter of the dewatering basin
Blasting	No blasting is proposed at this time. 1/18/08	None. 1/18/08	NA
Spills, soils and material storage.	Contractor receiving yard is set up near Shelland St. in Milford. See segment 3 report. 1/18/08	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. 1/18/08	NA
Milford/ Orange, CT	A small diesel fuel spill was observed on the timbermat pad near proposed structure #24023. The affected timbermats were removed from the ROW. 1/18/08	Continue to monitor the wetland area for signs of the spill. In general, proactively check equipment for leaks and use spill control materials when performing maintenance during refueling. 1/18/08	Needs evaluation/attention
West River St			
JCC	A dozer was observed parked within 100 feet of a wetland in this area. 1/18/08	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. 1/18/08	Needs attention

Areas of Inspection	Observation	Recommended Action	Corrected Action
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. 1/18/07-1/18/08	Noted for the record. 1/18/07-1/18/08	NA

Next likely scheduled inspection: Thursday January 24, 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



North St (Milford): The dewatering basin has been removed from the ROW near structure #3845.



North St: Foundation installation is complete at structure #24032.



Pease Rd (Woodbridge): The waterbar was re-installed at the ROW access here.



Pease Rd: View of stormwater being controlled by a waterbar.