

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 4, 2008

Inspector: Matt Kelly

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

Rainfall: 2.23” of precipitation were recorded in the two week period since the last inspection with 0.71” of the total reported on 12/29. (NOAA data at New Haven, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways	Clearing and access road construction appear to be complete in these sections at this time. 1/4/08	Continue to monitor active work areas and add controls as necessary. See EC section. 1/4/08	Not Applicable (NA)
Milford, CT, Orange CT, Woodbridge CT, Bethany CT, and Hamden CT	Stone pads remain in place at all entrances to access roads. 1/4/08	Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 1/4/08	Active areas need regular attention
All access roads	Mats remain at the wetland crossings in these sections. 1/4/08	Continue to monitor. 1/4/08	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. 1/4/08	Continue to monitor and evaluate methods to protect the curb drop inlet and prevent sedimentation as needed. See Erosion Control Section for more detail. 1/4/08	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. 12/14-1/4/08	tracking continues, catch basin protection should be provided. 1/4/08	stabilized with stone pads
Foundation and site construction All sections	H- frame structure and lattice tower removal continues in all sections. 1/4/08	Continue to monitor. 1/4/08	NA
	115-kV foundation work appears to be complete at this time within the ROW. 1/4/08	Continue to monitor. See EC Section. 1/4/08	NA
Milford, Orange, and Woodbridge CT	Crane pads associated with the 115-kV work are being removed and transferred to the 345-kV portion of the line (pad reclamation) in these sections. 1/4/08	Continue to monitor. See EC and Stabilization Sections. 1/4/08	NA
Milford, CT	Foundation work and structure installation continues off Wheelers Farm Rd, Eisenhower Park, and West River St. 1/4/08	Continue to monitor active work areas. See EC Section. 1/4/08	NA
Orange, CT	345-kV foundation work continues off Treat Ln. 1/4/08	Continue to monitor active work areas. See EC Section. 1/4/08	NA
Woodbridge, CT	345-kV foundation work and structure installation continues off the Pease Rd/JCC and Rimmon Rd/B'Nai Jacob sections at this time. Structure installation continues. 1/4/08	Continue to monitor active work areas. See EC Section. 1/4/08	NA
Hamden, CT	Pre-foundation drilling appears to be complete at this time from Downs Road (Bethany) to Gaylord Mtn. Rd. 1/4/08	Continue to monitor active work areas. See EC Section. 1/4/08	NA

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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. 1/4/08</p>	<p>None at this time. Continue to utilize the appropriate erosion control measures and stabilize disturbed soils as necessary. 1/4/08</p>	<p>NA</p>
	<p>Pad reclamation is complete in most areas at this time. Exposed soils have been graded and mulched. 1/4/08</p>	<p>Continue to monitor. Additional erosion controls are recommended in some areas during 345-kV foundation work. See Stabilization Section. 1/4/08</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. 1/4/08</p>	<p>Remove spoil piles when feasible. 1/4/08</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. 1/4/08</p>	<p>Continue to monitor and adjust controls as necessary. 1/4/08</p>	<p>NA</p>
<p>Wheeler's Farm Rd</p>	<p>Erosion controls have been repaired/installed at structure #24016. 1/4/08</p>	<p>Continue to monitor and adjust controls as necessary. 1/4/08</p>	<p>Erosion controls have been repaired/installed at structure #24016</p>
<p>West River St</p>	<p>Silt fence in need of repair at structures #24023 & #24025. 12/14-1/4/08</p>	<p>Repair and maintain controls as necessary. 1/4/08</p>	<p>Needs attention</p>
	<p>Excess sediment from foundation drilling was observed on wetland timbermats in this section. 1/4/08</p>	<p>Remove excess sediment from mats and add controls as necessary. 1/4/08</p>	<p>Needs attention</p>

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Eisenhower Park	Erosion controls are needed along the perimeter of the timbermat crane pad at proposed structure #24026. 1/4/08	Install the appropriate erosion controls along the perimeter of the timbermat pad. 1/4/08	Needs attention
	Silt fence controls are at capacity and in need of repair at structure #24027. 1/4/08	Repair/add controls as necessary. Remove excess sediment to restore capacity/function of controls. 1/4/08	Needs attention
Woodbridge, CT Glen Dam Reservoir	Exposed soils remain on the slope adjacent to structure #3950. 8/24-1/4/08	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. 1/4/08	Needs attention when feasible
Pease Rd	The waterbar located at the entrance of the access road is no longer functional. Stormwater has eroded the access road and sediment has migrated onto Pease Road. 12/20-1/4/08	Replace/repair waterbar and add catch basin protection down gradient of the ROW access, on Pease road. 1/4/08	Needs attention
JCC	Sediment was noted in the dry stream channel near structure #24119 (8/7/07). Sediment accumulation does not appear to have increased. 1/4/08	Continue to evaluate sediment accumulation within the stream channel. Carefully remove sediment during the dry season if it is greater than 2” in depth. 1/4/08	Needs evaluation
	Spoil piles remain within the ROW near structure #3932. Piles appear to be contained on site. 1/4/08	Remove spoil piles when feasible. 1/4/08	Needs attention when feasible
	Exposed soils and equipment ruts were observed in the wetland buffer near the JCC	Exposed soils/ruts should be graded and mulched. Continue to monitor and stabilize disturbed areas	Needs attention

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<p>Hamden, CT</p> <p>West Todd Street/ Gaylord Mountain</p>	<p>parking lot (North). 11/30-1/4/08</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. 1/4/08</p>	<p>when work is complete and activity will not return within 21 days. Add/maintain controls as necessary. Ensure sufficient stabilization for winter months. 1/4/08</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. 1/4/08</p>	<p>Good efforts were made but <i>needs additional evaluation/monitoring</i></p>
<p>Brooksvale Ave</p> <p>Willow Street</p>	<p>Some sediment remains in the wetland area located to the southwest of structure #3992. 12/20-1/4/08</p> <p>Excess sediment has accumulated on the timber mat crossing within the access road here. Sediment has seeped through the mats and into wetland #100. 11/16-1/4/08</p> <p>Spoils from foundation/grounding work remain on some of the timber mats at structure #4009. 9/21-1/4/08</p>	<p>Evaluate sediment accumulation within the wetland. Carefully remove sediment from wetland if it is greater than 2” in depth. 1/4/08</p> <p>Continue to monitor. Controls should be installed to prevent further sedimentation to the wetlands. See Wetlands Section. 1/4/08</p> <p>Continue to monitor and stabilize disturbed soils. Remove spoils from timber mats. 1/4/08</p>	<p>Needs evaluation</p> <p>Needs attention/evaluation</p> <p>Needs attention</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p> <p>Milford, CT</p> <p>Naugatuck Ave, Rt</p>	<p>The ACOE permit is in hand and approved wetland work continues. 1/4/08</p> <p>Timber mat crane pads remain adjacent to/in wetlands in these sections</p>	<p>Follow general guidelines of the permit whenever work in wetlands occurs. 1/4/08</p> <p>Continue to monitor and add controls as necessary. 1/4/08</p>	<p>NA</p> <p>NA at this time</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
121 and Oronoque Rd	wetlands in these sections. 1/4/08	1/4/08	
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. 1/4/08	Continue to monitor and add controls as necessary. 1/4/08	NA at this time
	Excess sediment from foundation drilling was observed on wetland timbermats in the ROW off West River St. 1/4/08	Remove sediment from wetland area. See EC Section. 1/4/08	Needs attention
	Equipment ruts were observed in the wetland near structure #24023. 112/14-1/4/08	Fill and stabilize ruts with appropriate material. 1/4/08	Needs attention
	Sand, used for foundation installation, is being stored in wetland areas near structures #24025 and #24023. 1/4/08	Sand should not be piled/stored in wetlands and should be contained in bins or placed on a plastic liner in an upland area. 1/4/08	Needs attention
	A disassembled lattice tower was observed in the wetland near proposed structure #24023. 1/4/08	Remove the structure from the wetland. 1/4/08	Needs attention
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. 1/4/08	Continue to monitor. Install controls as necessary. 1/4/08	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. 1/4/08	Continue to monitor. 1/4/08	NA at this time.

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Clearview Lane to Rt 15	Stone access roads and timber mat crossings remain in the wetland areas here. 1/4/08	Continue to monitor. 1/4/08	NA at this time
Woodbridge, CT			
Pease Road	Mats remain in the potential wetland area here. 1/4/08	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. 1/4/08	NA at this time
	Tire ruts were noted in a wetland area within the abandoned ROW here. 11/16-1/4/08	Fill and stabilize ruts with appropriate material. In general timber mats (or similar) should be used when it becomes necessary to access a wetland. 1/4/08	Needs attention
JCC/B'Nai Jacob	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. 1/4/08	Continue to monitor. Adjust controls as necessary. 1/4/08	NA at this time
	Sediment was noted in the stream channel near structure #24119 at the JCC (8/7/07). No further accumulation has been observed. 1/4/08	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. 1/4/08	Needs evaluation
Rimmon Rd	A timbermat crane pad (installed 12/7/07) remains adjacent to/within a tributary stream of Race Brook near structure #24105. 1/4/08	Continue to monitor. 1/4/08	NA
Oak Lane CC, Cow Path Lane, Salem Rd, Rimmon Rd, Brookwood Dr, Center Rd, Ansonia Rd, Manville Rd and Clear	Timber mat crane pads remain within the wetlands in these sections. 1/4/08	Continue to monitor. 1/4/08	NA at this time

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<p>Ln to Rte 15</p> <p>Bethany, CT</p> <p>Morris to Hatfield</p> <p>Litchfield Turnpike</p>	<p>A stone access road and timber mats are in place in the wetland areas in this section. 1/4/08</p>	<p>Continue to monitor. 1/4/08</p>	<p>NA</p>
<p>Hamden, CT</p> <p>West Todd St, Tom Swamp/Arrow Rd, Willow Street, Brooksvale Ave, and Old Lane Rd</p>	<p>Excess sediment has accumulated on the 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). 1/4/08</p>	<p>Carefully remove sediment from wetland areas when timber mats are removed. See EC Section. 1/4/08</p>	<p>Needs evaluation/attention</p>
<p>Brooksvale Ave</p>	<p>Temporary stone access roads and timber mats remain in some of the wetland areas in these sections. 1/4/08</p>	<p>Continue to monitor. 1/4/08</p>	<p>NA at this time</p>
<p>Old Lane Road</p>	<p>Excess sediment has accumulated on the timber mat crossing within the access road here. Sediment has seeped through the mats and into wetland #100. 11/16-1/4/08</p>	<p>Carefully remove sediment from wetland areas when timber mats are removed. See EC Section. 1/4/08</p>	<p>Needs evaluation/attention</p>
<p>115-kV underground transmission line Old Lane Road</p>	<p>Sediment remains in wetland #94. 10/5-1/4/08</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. 1/4/08</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</p>	<p>Continue to evaluate sediment accumulation within the adjacent wetland. Carefully remove</p>	<p>Needs further evaluation</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	observed at the catch basin outlet in the wetland across from the overhead access road. (115-kV underground). 1/4/08	sediment from the wetland if it is greater than 2' in depth. 1/4/08	
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. 1/4/08	Wood turtles are dormant from November 1 st to April 1 st and therefore will not be disturbed when construction occurs during these months. If active work continues/resumes in this area after April 1 st , field crews should receive the appropriate training in the recognition and removal of individual wood turtles from the construction area. "Sweeps should be performed prior to the commencement of construction activities. 1/4/08	NA at this time
Vegetative clearing or stabilization All active roads (all towns)	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. 1/4/08 Soils remain exposed as a result of grounding activities. 10/5-1/4/08	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. 1/4/08 Continue to monitor and stabilize disturbed areas when work is complete and activity will not return within 21 days. Continue to monitor until stabilization is achieved. 1/4/08	NA Needs attention
Milford and Orange, CT	Crane pad reclamation and restoration work appear complete at this time. Disturbed soils are	Continue to monitor until stabilization is achieved. 1/4/08	Disturbed soils are being graded and mulched for temporary stabilization

Areas of Inspection	Observation	Recommended Action	Corrected Action
<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>time. Disturbed soils are being graded and mulched for temporary stabilization. 1/4/08</p> <p>Construction of the wetland mitigation area in Eisenhower Park appears to be complete at this time. Temporary stabilization measures are in place. 1/4/08</p> <p>Wood chip piles remain in the ROW off Russell Ave in Orange. 1/4/08</p> <p>Hydro-seed was applied to disturbed areas. 1/4/08</p> <p>Disturbed areas were seeded and mulched for temporary stabilization. 1/4/08</p> <p>Mulch has been spread in washout areas near structure #3989 in an effort to temporarily stabilize disturbed soils. 1/4/08</p> <p>The overhead access road has been stabilized with stone. Hydroseed was applied to exposed soils. 1/4/08</p>	<p>Continue to monitor until final stabilization is achieved. 1/4/08</p> <p>Wood chip piles should be removed from the ROW or spread in appropriate upland areas to a depth of 3" or less. 1/4/08</p> <p>Continue to monitor for stabilization. Re-seed if necessary. 1/4/08</p> <p>Continue to monitor for stabilization. Re-seed if necessary. 1/4/08</p> <p>Continue to monitor. Mulched areas should be seeded for further stabilization. Stone fill or similar may be needed to stabilize gullies/washouts. 1/4/08</p> <p>Continue to monitor until stabilization is achieved. 1/4/08</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 Naugatuck Ave, Caswell St, Plains Rd, and Oronoque Rd</p>	<p>Dewatering basins remain in place at new and proposed drilling sites in these sections. 1/4/08</p>	<p>Continue to monitor active areas and adjust controls as necessary. 1/4/08</p>	<p>Dewatering containment areas were installed proactively.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Eisenhower Park and West River Street Orange, CT Woodbridge, Bethany, and Hamden CT Rimmon Rd/B'Nai	Frac tanks are in place for dewatering in these sections. 1/4/08 Dewatering basins remain for 345kV foundation work. 1/4/08 A dewatering basin was constructed from a spoil pile near structure #24108 in Woodbridge. No erosion controls were installed around the perimeter. 1/4/08	Continue to monitor. 1/4/08 Continue to monitor. 1/4/08 Install the appropriate controls around the perimeter of the dewatering basin. 1/4/08	NA NA Needs attention
Blasting	No blasting is proposed at this time. 1/4/08	None. 1/4/08	NA
Spills, soils and material storage. Milford/ Orange, CT West River St Wheelers Farm Rd, West River St, Eisenhower Park and Rimmon Rd	Contractor receiving yard is set up near Shelland St. in Milford. See segment 3 report. 1/4/08 A small diesel fuel spill was observed on the timbermat pad near proposed structure #24023. 1/4/08 Equipment such as drill rigs, a crane, boom trucks, a dozer, and a generator, was observed parked on timbermats in wetlands and/or within 100 feet from wetlands in these areas. 12/14-1/4/08	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. 1/4/08 Remove the affected timbermats and store/clean them appropriately. In general, proactively check equipment for leaks and use spill control materials when performing maintenance during refueling. 1/4/08 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. 1/4/08	NA Needs attention Needs attention
Additional	Non-project related	Noted for the record. 1/18-	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Observations	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. 1/18-1/4/08	1/4/08	

Next likely scheduled inspection: Thursday January 10, 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



West River St (Milford): Sand used for foundation installation has been piled in a wetland area with no plastic liner above or beneath.



West River St: Equipment remains parked on a crane pad in a wetland area here.



Eisenhower Park (Milford): Foundation installation is complete at structure #24026. Excess sediment remains on the crane pad and controls need to be installed around the perimeter of the pad.



Pease Rd (Woodbridge): Stormwater runoff is eroding the access road here and sediment has migrated onto Pease Road.