## 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:** March 26, 2008

**Inspector:** Matt Kelly

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

Rainfall: 0.00" of precipitation were recorded since the last inspection with. (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,	Clearing and access road construction appear to be complete in these sections at this time. 3/26/08	Continue to monitor active work areas and add controls as necessary. See EC section. 3/26/08	Not Applicable (NA)
Bethany CT, and Hamden CT  All access roads	Stone pads remain in place at all entrances to access roads. New stone is being added to pads as necessary. 3/26/08	Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 3/26/08	Active areas need regular attention
	Mats remain at the wetland crossings in these sections. 3/26/08	Continue to monitor. 3/26/08	NA
Milford, CT Caswell St/Bic Dr	No sediment tracking was observed in these sections this week, but sediment has accumulated near the catch basin on Bic Dr. 3/26/08	Continue to monitor and sweep roadway as necessary. If sediment tracking continues, catch basin protection should be provided. 3/26/08	Sediment tracking/ accumulation needs regular attention
Woodbridge, CT Pease Rd	Catch basin/curb inlet protection has not been provided. 1/24/-3/26/08. No tracking was observed this week. 3/26/08	Provide catch basin/curb inlet protection and sweep roadway as necessary. 3/26/08	Needs attention
Brookwood Drive	Sediment tracking was observed on the roadway here this week. 3/26/08	Continue to monitor and sweep roadway as necessary.	Needs attention

Areas of Inspection	Observation	Recommended Action	Corrected Action
Hamden, CT Old Ln	Curb inlet protection has not been provided in this area. 3/26/08	Continue to monitor. Provide and maintain inlet protection. 3/26/08	Needs attention
Foundation and site construction All sections	H- frame structure and lattice tower removal continues in all sections. 3/26/08	Continue to monitor. 3/26/08	NA
	115-kV foundation work appears to be complete at this time within the ROW. 3/26/08	Continue to monitor. See EC Section. 3/26/08	NA
Milford, CT	Foundation work and structure installation appear to be complete at this time. 3/26/08	Continue to monitor active work areas. See EC Section. 3/26/08	NA
Orange, CT	345-kV foundation work and structure installation continues off Dogwood Rd and Saddle Ridge Rd . 3/26/08	Continue to monitor active work areas. See EC Section. 3/26/08	NA
Woodbridge, CT	345-kV foundation work continues off Oak Ln. 3/26/08	Continue to monitor active work areas. See EC Section. 3/21/08	NA
Bethany, and Hamden 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. 3/26/08	Continue to monitor. See EC and Stabilization Sections. 3/26/08	NA
	345-kV foundation work continues off Hatfield Rd. 3/26/08	Continue to monitor active work areas. See EC Section. 3/26/08	NA
	345-kV foundation work continues off Downs to Gaylord Mtn Rd, & Tom Swamp Rd. 3/26/08	Continue to monitor active work areas. See EC Section. 3/26/08	NA
Erosion and sediment controls	Roots have been retained in most cleared areas to maintain some soil stability. Crews have made good efforts to temporarily	None at this time.  Continue to utilize the appropriate erosion control measures and stabilize disturbed soils as	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	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. 3/26/08	stabilize disturbed soils as necessary. 3/26/08	
Milford, Orange, & Woodbridge, CT	Spoils remain on Dogwood Rd, Route 34, Brookwood Dr, & Pease Rd. Piles appear to be contained in the upland portions of the ROW. 3/26/08	Remove spoil piles when feasible. 3/26/08	Remaining spoil piles need attention when feasible
Plains Rd	Exposed soils and an erosive gully remain within the drainage swale located to the south of the substation. 2/1-3/26/08.	Fill gully with an appropriate material and stabilize exposed soils. 3/26/08	Erosive gully needs attention when feasible
Wheelers Farm Rd	An erosive gully was observed near structure #3832. Silt fence controls have been repaired and are functional, but haybales are at capacity. Some sediment has migrated around/under the controls and off the ROW. 3/26/08	Continue to monitor and add/maintain controls as necessary. 3/26/08	Needs evaluation/ attention
West River St	Excess sediment from foundation drilling was observed on wetland timber mats in this section. 1/24-3/26/08	Remove excess sediment from timber mat pads and add controls as necessary. See Wetland Section. 3/26/08	Needs attention when feasible
Eisenhower Park	Excess sediment from foundation drilling was observed on wetland timber mats in this section. 1/24-3/26/08	Remove excess sediment from timber mat pads and add controls as necessary. See Wetland Section. 3/26/08	Needs attention when feasible
	Silt fence controls have been removed from the perimeter of the crane pad near structure #24026. 3/26/08	Continue to monitor and add controls as necessary until final stabilization is achieved. 3/26/08	Continue to monitor

Areas of Inspection	Observation	Recommended Action	Corrected Action
North St	Excess sediment from foundation drilling was observed on wetland timber mats near structure #24030. 1/10-3/26/08	Remove excess sediment from mats and add controls as necessary. See Wetlands Section. 3/26/08	Needs attention when feasible
	Silt fence controls have been removed near structures #24030-31. 3/26/08	Continue to monitor and add controls as necessary until final stabilization is achieved. 3/26/08	Continue to monitor
Orange, CT	Silt fence is in need of	Repair/add controls as	Needs attention
Dogwood Rd	repair near structure #24067. 3/12-3/26/08	necessary. 3/26/08	
	Stockpiling continues near structure #3879. 2/26/08		
Dogburn Rd	Access road controls are still in need of repair and waterbars are no longer functional near structure #24077. 3/26/08	Repair/add controls as necessary. 3/26/08	Needs attention
Woodbridge, CT Glen Dam Reservoir	Exposed soils have been temporarily stabilized with mulch near structure #3950. An erosive gully remains. 2/15-3/26/08	Continue to monitor for stabilization and add controls as necessary. Fill gully with appropriate material. 3/26/08	Exposed soils have been temporarily stabilized with mulch. The erosive gully needs attention when feasible
	The sediment basins located along the access road are nearing capacity. 3/26/08	Remove sediment from controls to restore function/capacity. 3/26/08	Needs attention
JCC	Spoils have been removed from the ROW near structure #3932. 3/26/08	None at this time. 3/26/08	Spoils have been removed from the ROW
Rimmon Rd/ B'Nai	The silt fence here is in need of repair. Sediment laden stormwater is now flowing across the access rd/crane pad and into the wetland near structure #3922. 3/26/08	Repair/add controls as necessary. See Wetlands Section. 3/26/08	Needs attention
Clearview Ln	Spoils remain within the wetland buffer in the	Install controls as necessary to contain	Controls were installed around the spoil pile.

Areas of Inspection	Observation	Recommended Action	Corrected Action
	ROW near structure #24090. Controls were installed to contain the pile. 3/26/08.	sediment and/or remove spoils from wetland buffer and store in an appropriate upland location. 3/26/08	Remove spoils when feasible.
Oak Ln C.C	The sand pile remains on the crane pad located upgradient of the wetland near structure #24095. 3/26/08	Add/maintain controls as necessary and remove sand when feasible. 3/26/08	Needs attention
Bethany & Hamden, CT	Spoils remain on the ROW off Hatfield Rd, Downs to Gaylord Mtn Rd, & Tom Swamp. 3/26/08	Remove spoil piles when feasible. 3/26/08	Remaining spoil piles Need attention when feasible
Bethany, CT  Litchfield Turnpike	Spoils remain within the wetland buffer near structure #24157. Silt fence controls have been placed around the pile. 3/21-3/26/08	Remove spoils from wetland buffer and store in an appropriate upland location. 3/26/08	Silt fence controls have been placed around the spoils. Remove spoils from wetland buffer when feasible
	Excess sediment from the access road has accumulated on some of the wetland crossings in this section. 3/26/08	Add/maintain controls to prevent sediment migration to the wetlands. 3/26/08	Needs attention/ evaluation
Hamden, CT West Todd Street/ Gaylord Mountain	In approximately three areas, stormwater pooled along the perimeter controls and filtered through as concentrated flow off the ROW here (4/27/07). This only occurs during large rain events and wetland resource areas were not affected by this off site flow. A trench was installed along the ROW perimeter in an attempt to help control/divert stormwater runoff, and stone was added behind certain sections of the silt fence for reinforcement and filtration purposes.	Monitor during large rain events and continue to add/maintain controls as necessary. 3/21/08	Needs additional monitoring

Areas of Inspection	Observation	Recommended Action	Corrected Action
	3/26/08		
	Silt fence controls are nearing capacity along the perimeter of the ROW. 3/6-3/26/08	Monitor and maintain controls as necessary to control and filter stormwater runoff. 3/26/08	Needs attention
Gaylord Mountain (North)	Additional haybales were added to the sediment basin near structure #3992, but it appears additional controls are needed here. 3/26/08	Continue to monitor and maintain controls to prevent further sedimentation to the wetlands. See Wetland Section. 3/26/08	Additional haybales have been added to the sediment basin but further attention is needed
Brooksvale Ave	Existing controls continue to function, but additional controls may be necessary. 3/26/08	Continue to monitor and add controls as necessary. 3/26/08	Needs attention
Old Lane Road	Sediment has been removed from wetland #94. 3/26/08	Continue to monitor. 3/26/08	Sediment has been removed from the wetland
Inland Wetland and Watercourse encroachment and mitigation	The ACOE permit is in hand and approved wetland work continues. 3/26/08	Follow general guidelines of the permit whenever work in wetlands occurs. 3/26/08	NA
All sections	Foundations for 115-kV structures that have been installed in wetlands (as approved) include: #'s 3836(2), 3837, 3838, 3839, 3843, 3868, 3869, 3874, 3905, 3912, 3913, 3914, 3915, 3916, 3917, 3918, 3923, 3992, 3993, & 4009. 3/26/08	Continue to monitor and add controls as necessary. 3/26/08	NA at this time
	Foundations for 345-kV structures that have been installed in wetlands (as approved) include: #'s 24023 (2), 24024, 24025, 24026, 24030, 24042, 24057, 24061, 24072 (2), 24090, 24099, 24100, 24101, 24102, 24103, 24104, 24110, & 24146. 3/26/08	Continue to monitor and add controls as necessary. 3/26/08	NA at this time

Areas of Inspection	Observation	Recommended Action	Corrected Action
Milford, CT  Naugatuck Ave, Rt 121 and Oronoque Rd	Timber mat crane pads remain adjacent to/in wetlands in these sections. 3/26/08	Continue to monitor and add controls as necessary. 3/26/08	NA at this time
West River Street, Eisenhower Park, and North St	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. 3/26/08	Continue to monitor and add controls as necessary. 3/26/08	NA at this time
	Excess sediment from foundation drilling was observed on wetland timber mats in the ROW off West River St, North Street, and within Eisenhower Park. 3/26/08	Evaluate sediment accumulation within the wetland when mats are removed. Carefully remove sediment during the dry season if it is found to be greater than 2" in depth. See EC Section. 3/26/08	Needs attention when feasible
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. 3/26/08	Continue to monitor. Install controls as necessary. 3/26/08	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 Clearview	Timber mat crane pads/crossings remain at the wetland areas here. Stone wetland crossings are in place at Lambert Rd and Treat Lane. 3/26/08	Continue to monitor. 3/26/08	NA at this time
Ln to Rt 15 Woodbridge, CT	Stone access roads and timber mat crossings remain in the wetland areas here. 3/26/08	Continue to monitor. 3/26/08	NA at this time
Pease Road	Mats remain in the potential wetland area here. 3/26/08	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.	NA at this time

Areas of Inspection	Observation	Recommended Action	Corrected Action
		3/26/08	
	Tire ruts were noted in a wetland area within the abandoned ROW here. 11/16-3/26/08	Fill and stabilize ruts with appropriate material. In general timber mats (or similar) should be used when it becomes necessary to access a wetland.  3/26/08	Needs attention
Clearview Lane	Spoils from foundation drilling remain within the wetland buffer. 3/26/08	Remove spoils from wetland buffer and store in an appropriate upland location. See EC Section. 3/26/08	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 relocation of the ROW. Stone access roads remain in portions of the wetlands in these sections. 3/26/08	Continue to monitor. Adjust controls as necessary. 3/26/08	NA at this time
	Sediment was not observed in the stream channel this week. 3/26/08	None at this time. 3/26/08	NA
Rimmon Rd/B'Nai	Sediment was observed in the wetland near structure #3922. 3/26/08	Carefully remove sediment during the dry season if it is greater than 2" in depth. See EC Section. 3/26/08	Needs attention
Rimmon Rd (south)	A timber mat crane pad (installed for lattice tower removal 12/7/07) remains adjacent to/within a tributary stream of Race Brook near structure #24105. 3/26/08	Continue to monitor. Remove when feasible. 3/26/08	NA
Oak Lane CC, Cow Path Lane, Salem Rd, Rimmon Rd, Brookwood Dr, Center Rd, Ansonia Rd, Manville Rd and Clear Ln to Rte 15	Timber mat crane pads remain within the wetlands in these sections. 3/26/08	Continue to monitor. 3/26/08	NA at this time

Areas of Inspection	Observation	Recommended Action	Corrected Action
Bethany, CT			
Morris to Hatfield	A stone access road and timber mats are in place in the wetland areas in this section. 3/26/08	Continue to monitor. 3/26/08	NA
Litchfield Turnpike	Excess sediment has accumulated on the timber mat crossings within the access road here. Sediment has seeped through the mats and into wetlands #116 (between structures #3964 and #3965), #115 (between structures #3965 and #3966) and #114 (between structure #3966 and #3967). 3/26/08	Carefully remove sediment from wetland areas when timber mats are removed. See EC Section. 3/26/08	Needs evaluation/ 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. 3/26/08	Continue to monitor. 3/26/08	NA at this time
West Todd Street	Sediment remains in the wetland area located to the southwest of structure #3992. 12/20/07-3/26/08	Evaluate sediment accumulation within the wetland. Carefully remove sediment from wetland if it is greater than 2" in depth. 3/26/08	Needs attention
Brooksvale Ave	Sediment had seeped through the mats and into wetland #100. 3/26/08	Carefully remove sediment from wetland areas when timber mats are removed. 3/26/08	Needs evaluation/ attention
Old Lane Road	Sediment has been removed from wetland #94. 3/26/08	None at this time. See EC Section. 3/26/08	Sediment has been removed from the wetland
115-kV underground transmission line Old Lane Road	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	Continue to evaluate sediment accumulation within the adjacent wetland. Carefully remove sediment from the wetland if it is greater than 2' in	Needs further evaluation

Areas of Inspection	Observation	Recommended Action	Corrected Action
	across from the overhead access road. (115-kV underground). 3/26/08	depth. 3/26/08	
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. 3/26/08	Wood turtles are no longer considered dormant after April 1 <sup>st</sup> . If active work is to continue in this area after April 1 <sup>st</sup> , 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. 3/26/08	Ensure that field crews receive the appropriate training prior to the commencement of construction activities in these areas
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. 3/26/08	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. 3/26/08	NA
	Soils remain exposed as a result of grounding activities. 10/5-3/26/08	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. 3/26/08	Needs evaluation/attention
Milford and Orange, CT	115 kV crane pad reclamation and restoration work appear complete at this time. Disturbed soils are being graded and mulched for temporary stabilization. 3/26/08	Continue to monitor until stabilization is achieved. 3/26/08	Disturbed soils are being graded and mulched for temporary stabilization

Areas of Inspection	Observation	Recommended Action	Corrected Action
	Construction of the wetland mitigation area in Eisenhower Park appears to be complete at this time. Temporary stabilization measures are in place. 3/26/08	Continue to monitor until final stabilization is achieved. 3/26/08	NA
	Wood chip piles have been removed from the ROW off Russell Ave in Orange. 3/26/08	None at this time. 3/26/08	NA
Woodbridge, CT	115 kV crane pad reclamation and restoration work continues at this time. Disturbed soils are being graded and mulched for temporary stabilization. 3/26/08	Continue to monitor until stabilization is achieved. 3/26/08	Disturbed soils are being graded and mulched for temporary stabilization
Glen Dam	Exposed soils, near structure #3950, have been temporarily stabilized with mulch. 3/26/08	Continue to monitor until final stabilization is achieved. See EC Section. 3/26/08	NA
Bethany and Hamden, CT	115 kV crane pad reclamation and restoration work continues at this time. Disturbed soils are being graded and mulched for temporary stabilization. 3/26/08	Continue to monitor until final stabilization is achieved. 3/26/08	Disturbed soils are being graded and mulched for temporary stabilization
Gaylord Mtn Rd/West Todd St	Mulch has been spread in washout areas near structure #3989 in an effort to temporarily stabilize disturbed soils. 3/26/08	Continue to monitor. Mulched areas should be seeded for further stabilization. Stone fill or similar may be needed to stabilize gullies/ washouts. 3/26/08	NA
Old Lane Road	The overhead access road has been stabilized with stone. Hydroseed was applied to exposed soils.	Continue to monitor until final stabilization is achieved. 3/26/08	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	3/26/08		
Dewatering Orange, CT Woodbridge, Bethany, and Hamden CT	Dewatering basins remain for 345kV foundation work. 3/26/08	Continue to monitor. 3/26/08	NA
Pease Rd	Foundation dewatering was observed here this week. Filter bags are in place and a line of haybales has been installed. All water appears to be confined to the upland portion of the ROW. 3/26/08	Continue to monitor and add controls as necessary. 3/26/08	Needs evaluation
	Water from foundation drilling (in the Pease Road area) is being pumped to frac tanks, which are then hauled to the ROW off Pease Rd for dewatering. 3/26/08	Contain water within fractanks during transportation. Evaluate alternate access roads and upland ROW areas for dewatering, as the Pease Road access is fairly steep. Sweep roadway as necessary. 3/26/08	Needs attention/ evaluation
Blasting	No blasting is proposed at this time. 3/26/08	None. 3/26/08	NA
Spills, soils and material storage.	Contractor receiving yard is set up near Shelland St. in Milford. See segment 3 report. 3/26/08	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. 3/26/08	NA
Milford, CT West River St	A small diesel fuel spill was observed on the timber mat pad near proposed structure #24023 in previous weeks. The affected timber mats where removed from the ROW, but an oily sheen was noted on the water surface near structure #24023.	Continue to monitor the wetland area for signs of the spill. Evaluate the sheen near structure #24023 and determine whether it is natural or project related. If project related, contain and remove from the affected area. 3/26/08	Needs evaluation/ attention

Areas of Inspection	Observation	Recommended Action	Corrected Action
	3/26/08		
Orange, Woodbridge CT Manville Rd	An oily sheen was noted on the water surface near structures #24102 & #24103. 3/26/08	Evaluate whether the sheen is natural or project related. If project related, contain and remove from the affected area. 3/26/08	Needs attention
Route 34, Oak Ln C.C, & Rimmon Rd/B'Nai	Construction equipment was removed from the wetland buffers in these areas. 3/26/08	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. 3/26/08	Construction equipment was removed from the wetland buffers
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. 1/18/07-3/26/08	Noted for the record. 1/18/07-3/26/08	NA

Next likely scheduled	
inspection:	

Thursday April 3, 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



Naugatuck Ave (Milford): Lattice tower removal continues in this area (Naugatuck to Oronoque).



Wheelers Farm Rd (Milford): An erosive gully was noted near structure #3832.



Wheelers Farm Rd: Silt fence controls are in place but haybale controls are at capacity near structure #3832.



Wheelers Farm Rd: A small amount of sediment has migrated off the ROW near structure #3832.



West River St (Milford): An oily sheen was observed on the water near structure #24023. Evaluate sheen to determine whether natural or project related.



West River St: An additional view of the oily sheen observed near structure #24023.



Dogwood (Orange): Stock piling continues near structure #3879.



Saddle Ridge Rd (Orange): Drilling continues at structure #24071.



Route 34 (Orange): Two foundations have been installed in a wetland for structure #24072.



Oak Ln (Woodbridge): Sand, used for foundation installation, remains piled upgradient of the wetland near structure #24092.



Brookwood Dr (Woodbridge): Stockpiling continues near structure #24096.



Brookwood Dr: Sediment tracking was evident here this week.



Manville Rd North (Woodbridge): An oily sheen was noted on the water surface near structure #24103.



Manville Rd South: An oily sheen was noted on the water surface near structure #24102.



Pease Rd (Woodbridge): Stock piling continues near structure #24112.



Pease Rd: Tire ruts remain within the wetland located in the abandoned ROW.



Morris Rd (Woodbridge): Structure #24146 has been installed within wetland #121.



Gaylord Mtn Rd (Hamden): ROW perimeter controls remain functional but are nearing capacity in some locations.



Hatfield Rd (Hamden): Structure #24166 has been installed within wetland #109. Additional timber mats were placed in the wetland here to gain access for lattice tower removal.



Gaylord Mtn Rd: An additional view of ROW perimeter controls. Stone and waterbar trenches were added in this area to help control stormwater runoff.