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: October 2, 2008

Inspector: Matt Kelly

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

Rainfall: 3.14" of precipitation were recorded since the last inspection with 1.99" of the total occurring on 9/26 (NOAA data at New Haven, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways	Restoration efforts to access roads and adjacent roadways appear complete at this time. 10/2/08	Continue to monitor until all areas are stabilized with vegetation. 10/2/08	Not Applicable (NA)
Milford, CT			
All sections			
Caswell St/Bic Dr	Construction appears complete in this section at this time, and construction traffic has been minimal for an extended period. The majority of sedimentation in this area is non-project related. 10/2/08	Continue to monitor until construction related traffic has ceased. If sediment tracking continues, sweep roadway as needed and provide catch basin protection. 10/2/08	Needs evaluation
Orange, CT			
All sections	Restoration efforts to access roads and crane pads appear complete at this time. 10/2/08	Continue to monitor. See EC Section. 10/2/08	Vegetative growth noted
Woodbridge, CT	Restoration efforts to access roads and crane pads appear complete at this time. 10/2/08	Continue to monitor. See EC Section. 10/2/08	Vegetative growth noted
JCC			
Bethany, CT	The access road, including the timber mat crossings, is permanent and will remain. 10/2/08	Continue to monitor until the area is stabilized with vegetation. *See stabilization section*. 10/2/08	Needs attention
Litchfield Turnpike			

Areas of Inspection	Observation	Recommended Action	Corrected Action
Hamden, CT Old Ln	Access road and crane pad reclamation was active this week. 10/2/08	Continue to monitor. See EC Section. 10/2/08	Reclamation/Restoration is active here
	Catch basin controls need attention here. 7/18-10/2/08	Provide and maintain catch basin protection. 10/2/08	Needs attention
Foundation and site construction **All sections**	H- frame structure and lattice tower removal appears to be complete at this time. 10/2/08	NA. 10/2/08	NA
	115-kV work appears to be complete within the ROW at this time. Restoration efforts continue. 10/2/08	Continue to monitor. See EC Section. 10/2/08	NA
	345-kV work appears to be complete within the ROW at this time. Restoration efforts continue 10/2/08	Continue to monitor. See EC Section. 10/2/08	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 stabilize most disturbed areas with hay mulch. Timber mats and erosion controls are in place in and adjacent to wetland areas. 10/2/08	None at this time. Continue to utilize the appropriate erosion control measures and stabilize disturbed soils as necessary. 10/2/08	NA
Milford, CT Lexington Way	Stormwater from a culvert beneath Hwy 15 is scouring a channel along the perimeter of the ROW near structure #3826. Exposed soils remain in this area. 8/14-10/2/08	Continue to monitor and stabilize exposed soils. Evaluate control options. 10/2/08	Needs attention/evaluation
East Rutland	Stormwater run-off is scouring a channel along the access road near	Continue to monitor and stabilize exposed soils. 10/2/08	Needs attention

Areas of Inspection	Observation	Recommended Action	Corrected Action
	structure #3827. 8/14-10/2/08		
Wheelers Farm Rd	Stormwater runoff is causing minor scouring near structure #3832. Runoff from the slope is undermining the silt fence here. Approximately 65-70% vegetative cover has been noted outside of the stormwater path in this area. 8/14-10/2/08	Place check dams or divert runoff flow until the slope is stable. 10/2/08	Approximately 65-70% vegetative cover has been noted outside of the stormwater path in this area. *Needs additional attention*
Eisenhower Park	A spoil pile remains in the wetland buffer here. 10/2/08	Remove pile from wetland buffer when feasible. 10/2/08	Needs attention when feasible
Eisenhower Park Mitigation Area	Soils in the mitigation area remain exposed, but appear to be contained on site. In general, all plantings appear to be doing well at this time. 10/2/08	Continue to monitor until final stabilization is achieved. Exposed soils should be seeded if grass growth is not observed now that the plantings are complete. 10/2/08	Needs attention
Orange, CT Dogburn Rd	Stormwater run-off has caused scouring in the restored crane pad area near structure #24077. 8/22-10/2/08	Stabilize exposed soils and continue to monitor and repair/add controls as necessary. 10/2/08	Needs attention
Pease Rd/JCC	Haybale controls are needed along the wetland and stream channel where the access road has recently been restored. 10/2/08	Add controls and continue to monitor. 10/2/08	Needs attention
Oak Ln CC	A stockpile remains in the ROW within a wetland buffer. The stockpile appears to be contained at this time. 10/2/08	Add controls to help contain the pile and remove from the ROW when feasible. 10/2/08	Needs attention
Bethany & Hamden, CT	Spoils remain on the ROW off Hatfield Rd, Downs to Gaylord Mtn Rd, Tom Swamp, &	Remove spoil piles during 345 kV restorations. 10/2/08	Remaining spoil piles need attention during 345 kV restoration efforts

Areas of Inspection	Observation	Recommended Action	Corrected Action
	Brooksvale Ave. 10/2/08		
Bethany, CT Litchfield Tpk	Access road controls (waterbars and sediment basins) remain intact, but sediment from the road continues to accumulate on some of the wetland crossings in this section. 10/2/08	Continue to monitor and add/maintain controls to prevent sediment migration to the wetlands. 10/2/08	Needs evaluation/ attention
Downs Rd	A culvert beneath the access road is blocked and signs of erosion were observed along the access road. At this time no wetland impacts are apparent. 10/2/08	Evaluate culvert size and continue to monitor. Add controls as necessary. 10/2/08	Needs attention
Hamden, CT Gaylord Mountain (South)	A small swale was installed along the ROW perimeter and the access road in an attempt to help control/divert stormwater runoff. An erosive gully has been observed in the northern portion of the swale. Haybale controls have been installed within the swale. 10/2/08	Continue to monitor until final stabilization is achieved. The swale remains functional but additional controls are needed to help control stormwater and erosion. 10/2/08	Haybale controls have been installed within the swale and sediment has been removed from the wetland *Needs additional attention*
Gaylord Mountain (North)	Sediment is accumulating in the third sediment basin along the access road here. Additional controls/ stabilization measures may be necessary. Vegetative growth has been observed within the trench along the access road. 10/2/08	Remove sediment from the basin during 345 kV restoration efforts. 10/2/08	Sediment basins need attention during 345 kV restoration efforts
Brooksvale Ave	Existing controls continue to function at wetland #100, but additional controls may be necessary. The sediment basin is nearing capacity. 10/2/08	Continue to monitor and add/maintain controls as necessary. 10/2/08	Needs evaluation/ attention during 345 kV restoration efforts

Areas of Inspection	Observation	Recommended Action	Corrected Action
Old Lane Rd	Access road reclamation is active and controls remain functional here. Sediment has been removed from basins. 10/2/08	Continue to monitor and maintain as necessary. 10/2/08	Sediment has been removed from basins
Inland Wetland and Watercourse encroachment and mitigation	The ACOE permit is in hand and approved wetland work continues. 10/2/08	Follow general guidelines of the permit whenever work in wetlands occurs. 10/2/08	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, 3870, 3874, 3881, 3899, 3905, 3908, 3912, 3913, 3914, 3915, 3916, 3917, 3918, 3923, 3941, 3947, 3992, 3993, & 4009. 10/2/08	Continue to monitor and add controls as necessary. 10/2/08	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, 24067, 24068, 24072 (2), 24090, 24091, 24092R, 24099, 24100, 24101, 24102, 24103, 24104, 24110, 24119(2), 24146, 24166, & 24179. 10/2/08	Continue to monitor and add controls as necessary. 10/2/08	NA at this time
Milford, CT East Rutland Road (western access point), Eisenhower Park	Permanent stone access roads remain at the wetland crossings in these areas. 10/2/08	NA 10/2/08	NA
Orange, CT Pine Tree Dr, Lambert Rd, Clearview Ln (Woodbridge)	Permanent stone access roads remain at the wetland crossings in these areas (as approved). 10/2/08	Continue to monitor. 10/2/08	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Sunset Drive, Russell Ave, and Hunting Hill Rd	Wetland restoration activities are complete here. 10/2/08	Continue to monitor. 10/2/08	NA
Woodbridge, CT Pease Rd/JCC/B'Nai	Access road and pad reclamation appears complete in the wetland area here this week. 10/2/08	Continue to monitor. 10/2/08	Reclamation is complete
	The wetland areas near the JCC and B'Nai Jacob have been cleared as a result of the permitted re-location of the ROW. Vegetative growth has been observed in these sections. 10/2/08	Continue to monitor until *final stabilization is achieved*. 10/2/08	NA at this time
Cow Path Ln, Rimmon Rd, Brookwood Dr, Ansonia Rd, and Glen Dam	Permanent access roads remain in the wetlands in these sections (as permitted.) 10/2/08	Continue to monitor. 10/2/08	NA
Oak Ln CC	Crane pad reclamation has been completed in the wetland area here. Wetland restoration continues. 10/2/08	Continue to monitor. 10/2/08	Crane pad reclamation has been completed
Bethany, CT Litchfield Tpk, Hatfield Rd	Stone access roads and timber mats are in place in the wetland areas in this section (as permitted). 10/2/08	Continue to monitor. 10/2/08	NA
Litchfield Turnpike	Some sediment has accumulated on the permanent timber mat crossings at wetlands #115 (between structures #3965 and #3966) and #114 (between structure #3966 and #3967). Sediment does not appear to be accumulating in the wetlands at these crossings. 10/2/08	Evaluate methods to eliminate sediment migration from the access road to the wetlands. The contractor has stated that Geotextile material will be tacked to the surface of the timber mat crossings to help prevent sediment migration to the wetlands from the access road See EC Section. 10/2/08	Needs evaluation/ attention during 345 kV restoration efforts

Areas of Inspection	Observation	Recommended Action	Corrected Action
Hamden,CT West Todd St, Tom Swamp/Arrow Rd, Willow Street, Brooksvale Ave, and	Temporary stone access roads and timber mats remain in some of the wetland areas in these sections. 10/2/08	Continue to monitor. 10/2/08	NA at this time
Old Ln	Timber mats have been removed and wetland restoration appears complete. 10/2/08	Continue to monitor. 10/2/08	Wetland restoration appears complete
Gaylord Mtn. Rd. (North)	Sediment remains in the wetland area located to the southwest of structure #3992. 12/20/07. No further accumulation has been observed and wetland vegetation has been noted. 10/2/08	Evaluate sediment accumulation within the wetland. Carefully remove sediment from wetland if it is greater than 2" in depth. 10/2/08	Needs evaluation/ attention during 345 kV restoration efforts
(South)	The majority of sediment has been removed from the wetland area between structure #'s 3990-3991. 10/2/08	Continue to monitor. Stabilize exposed upland soils to help prevent further sedimentation. 10/2/08	*Needs further attention*
Brooksvale Ave	Sediment had seeped through the mats and into wetland #100. Sediment does not appear to be accumulating here. 10/2/08	Carefully remove sediment from wetland areas if it exceeds 2" in depth when timber mats are removed. Add haybale controls to prevent sedimentation from the access road. 10/2/08	Needs evaluation/ attention during 345 kV restoration efforts
Whitney Ave	Sediment remains in the wetland near structure #24195. 10/2/08	Carefully remove sediment from wetland areas if it exceeds 2" in depth. 10/2/08	Needs evaluation/attention during 345 kV restoration efforts
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. 10/2/08	If active work is to continue in this area after April 1st, 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	Ensure that field crews receive the appropriate training prior to the commencement of construction activities in these areas

Areas of Inspection	Observation	Recommended Action	Corrected Action
		construction activities. 10/2/08	
Milford to Hamden, CT Eisenhower Park, & Old Ln	An Eastern Box turtle was observed in the Eisenhower Park section of the ROW on 5/9/08 and the Old Ln section in 2007. 10/2/08	The area should receive the same attention as known, protected habitat area along the ROW. The dormant season has ended as of April 1st and sweeps for turtles are required prior to accessing the site. 10/2/08	Sweeps are needed in this area during access for restoration activities.
Vegetative clearing or stabilization All active roads (all towns)	Vegetative clearing appears complete at this time. Most cleared 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. 10/2/08	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. 10/2/08	NA
Milford, CT Naugatuck Ave, Caswell St, Plains Rd, Oronoque Rd, Fresh Meadow Ln, North St, Woodruff	Final vegetative stabilization has been achieved in these areas. 10/2/08	NA 10/2/08	Final vegetative stabilization has been achieved
Lexington Way, E. Rutland, Wheelers Farm Rd, W. River St, Eisenhower Park	Vegetative growth has been noted in these areas. Approximately 60-70% vegetative cover exists; however, additional stabilization is needed in these areas. 10/2/08	Continue to monitor until *final stabilization* is achieved. 10/2/08	Vegetative growth has been noted but *additional attention is needed.*
Orange, CT Rolling Ridge Rd, Pine Tree Dr, Lambert Rd, Sunset Dr, Hall Dr, Edward Ct, Racebrook Rd,	Final vegetative stabilization has been achieved in these areas. 10/2/08	NA 10/2/08	Final vegetative stabilization has been achieved
Treat Ln, Orange Center Rd, Russell Ave, Overland Dr, Saddle Ridge Rd, Rt	Vegetative growth has been observed in these restored locations. 10/2/08	Continue to monitor until *final stabilization* is achieved. 10/2/08	Vegetative growth has been noted

Areas of Inspection	Observation	Recommended Action	Corrected Action
34, Dogburn Rd, Dogwood Rd, Hunting Hill Rd, and Hunting Hill Place	10/2/08		
Woodbridge, CT Clearview Ln, Ansonia Rd, Manville Rd, Center Rd, Woodbine Rd, and Clark Rd	Final vegetative stabilization has been achieved in these areas. 10/2/08	NA 10/2/08	Final vegetative stabilization has been achieved
Brookwood Rd, Salem Rd, Rimmon Rd, Pease Rd/JCC, Cowpath Ln, and Glen Dam	Vegetative growth has been noted in these restored locations. 10/2/08	Continue to monitor until *final stabilization* is achieved. 10/2/08	Vegetative growth has been noted
Brookwood Rd	A 2-foot woodchip pile has been noted within the ROW here. 10/2/08	Spread wood chips in the upland portions of the ROW or remove when feasible. 10/2/08	Needs attention
Bethany, CT Litchfield Tpk	115 kV & 345 kV restoration efforts appear complete in this section at this time. Vegetative growth has been noted. 10/2/08	Continue to monitor until *final stabilization* is achieved. 10/2/08	Reclamation/restoration efforts are complete
	The access roads here are permanent, therefore timber mat wetland crossings will remain. 10/2/08	The contractor has stated that Geotextile material will be tacked to the surface of the timber mat crossings to help prevent sediment migration to the wetlands from the access road. 10/2/08	Needs attention/evaluation
Hamden, CT Old Ln	The woodchip pile has been removed and the remaining exposed soils are being actively mulched for stabilization. 10/2/08	NA 10/2/08	Woodchip pile has been removed
Dewatering **Orange, CT Woodbridge, Bethany, and Hamden CT**	Dewatering appears complete at this time. 10/2/08	NA. 10/2/08	NA
Blasting	No blasting is proposed at this time. 10/2/08	None. 10/2/08	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Spills, soils and material storage.	Contractor receiving yard is set up near Shelland St. in Milford. See segment 3 report. 10/2/08	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. 10/2/08	NA
Additional Observations	Vehicle tracks were observed in Eisenhower Park near the mitigation area. 8/14-10/2/08	Noted for the record. 8/14/08-10/2/08	NA
	Non-project related sedimentation has been observed in the roadway off Caswell Street/Bic Drive & Plains Rd in Milford. 10/2/08	Note for the record. 10/2/08	NA
	Non-project related soil piles have been observed within a wetland buffer off North St in Milford. 10/2/08	Note for the record. 10/2/08	NA

Next likely scheduled inspection: Wednesday October 8, 2008

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*

Treat Ln (Orange): Vegetative growth continues within the restored access road.

Treat Ln: An additional view of vegetative cover near structures #3850/24037.

Treat Ln: An additional view of vegetative cover within the restored access road.

Orange Center Rd (Orange): View of the vegetative cover within the restored access road area.

Sunset Dr (Orange): View of the restored access road. Final stabilization has been achieved in this section.

Sunset Dr: View of the restored crane pad. Final stabilization has been achieved in this section.

Sunset Dr: View of the restored wetland crossing. Final stabilization has been achieved in this section.

Sunset Dr: An additional view of the restored wetland crossing. Final stabilization has been achieved in this section.

Hall Dr (Orange): Final stabilization has been achieved near structures #3868/24055.

Edward Ct (Orange): Final stabilization has been achieved near structures #3869/24056.

Racebrook Rd (Orange): Final stabilization has been achieved near structures #3870/24057.

Russell Ave (Orange): View of the restoration efforts here. Plantings have been noted.

Russell Ave: Access roads have been restored in this section. Vegetative has been noted.

Russell Ave: An additional view of the access road restoration growth efforts.

Russell Ave: View of the restored wetland crossing.

Russell Ave: View of the restored crane pad near structures #3874/ 24061. Good vegetative growth exists within the restored wetland.

Overland Dr (Orange): View of restoration efforts. Vegetative growth has been noted.

Dogwood Rd (Orange): View of the restoration efforts here. Soils appear stable at this time. Vegetative growth has been noted.

Dogwood Rd: View of access road/crane pad/wetland restoration efforts near structures #3880/24067.

Hunting Hill Rd (Orange): Additional vegetative growth has been noted within/around the wetland near structures #3881/24068.

Photos by BSC

Oak Ln CC (Woodbridge): Restoration efforts continue within the wetland areas here.

Oak Ln CC: A stock pile remains within the wetland buffer with no controls. The pile appears contained in the upland area at this time.

Pease Rd/JCC (Woodbridge): Timber mats have been removed and the wetland area has been restored near structures #3932/24119.

Pease Rd/JCC: View of the wetland/stream crossing. Haybale controls are needed along the wetland boundary here to help control sediment migration to the watercourse.

Photos by BSC

Pease Rd/JCC: Haybale controls are needed within the restored access road to help prevent sediment migration to the watercourse.

Pease Rd/JCC: View of restoration efforts near structures #3933/ 24120. Stone pad/access road has been removed and exposed soils have been graded and mulched.

Old Ln (Hamden): View of crane pad/wetland crossing restoration efforts. Haybale controls are in place along the wetland boundary to help prevent sediment migration to the wetland.

Old Ln: View of crane pad restoration efforts. Exposed soils are being actively mulched for temporary stabilization.

Photos by BSC