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: September 5, 2008

Inspector: Matt Kelly

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

Rainfall: 0.74" of precipitation were recorded since the last inspection with 0.37" of the total reported on 9/3. (NOAA data at New Haven, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways **Milford, CT** All sections	Restoration efforts to access roads and adjacent roadways appear complete at this time. 9/5/08	Continue to monitor until all areas are stabilized with vegetation. 9/5/08	Not Applicable (NA)
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 the sediment observed in this area is non-project related. 9/5/08	Continue to monitor until construction related traffic has ceased. If sediment tracking continues, sweep roadway as needed and provide catch basin protection. 9/5/08	Needs evaluation
West River Street	Access road has been returned to the original grade. Vegetative growth has been observed, but exposed soils remain. 9/5/08	Continue to monitor. See EC Section. 9/5/08	Needs attention
Orange, CT All sections	Restoration efforts to access road and crane pads locations continue. 9/5/08	Continue to monitor. See EC Section. 9/5/08	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Bethany, CT Litchfield Turnpike	Stone pads have been removed from the ROW. The access road, including the timber mat crossings, in this area is permanent and will remain. 9/5/08	Continue to monitor until restoration activities are complete and the area is stabilized with vegetation. *See stabilization section*. 9/5/08	Needs additional attention
Hamden, CT Old Ln	Catch basin controls need attention here. 7/18-9/5/08	Continue to monitor. Provide and maintain catch basin protection. 9/5/08	Needs attention
Foundation and site construction **All sections**	H- frame structure and lattice tower removal appears to be complete at this time. 9/5/08	NA. 9/5/08	NA
	115-kV work appears to be complete within the ROW at this time. Restoration efforts continue. 9/5/08	Continue to monitor. See EC Section. 9/5/08	NA
	345-kV work appears to be complete within the ROW at this time. Restoration efforts continue 9/5/08	Continue to monitor. See EC Section. 9/5/08	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. 9/5/08	None at this time. Continue to utilize the appropriate erosion control measures and stabilize disturbed soils as necessary. 9/5/08	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/-9/5/08.	Continue to monitor and stabilize exposed soils. Evaluate control options. 9/5/08	Needs attention/evaluation

Areas of Inspection	Observation	Recommended Action	Corrected Action
East Rutland	Stormwater run-off is scouring a channel along the access road near structure #3827. 8/14-9/5/08	Continue to monitor and stabilize exposed soils. 9/5/08	Needs attention
Wheelers Farm Rd	Stormwater runoff is causing sediment erosion near structure #3832. Runoff from the slope is undermining the silt fence controls here. 8/14-9/5/08	Place check dams or divert runoff flow until the slope is stable. Grade and stabilize the area as necessary. 9/5/08	Needs additional attention
West River Street	Access roads and timber mat crane pads have been removed. Vegetative growth has been observed, but exposed soils remain. 8/14-9/5/08	Continue to monitor and stabilize exposed soils. 9/5/08	Needs evaluation
Eisenhower Park	A spoil pile remains in the wetland buffer here. 9/5/08	Remove pile from wetland buffer when feasible. 9/5/08	Needs attention when feasible
Eisenhower Park Mitigation Area	Vehicle tracks were observed in the mitigation area. 8/14-9/5/08.	Seed as soon as possible to stabilize soils. Continue to monitor until final stabilization is achieved. 9/5/08	Needs attention
Orange, CT			
Dogwood Rd	Silt fence is in need of repair near structure #24067. 3/12-9/5/08	Repair/ remove controls as necessary during 345 kV restoration efforts. 9/5/08	Needs attention during 345 kV restoration efforts
Dogburn Rd	Stormwater run-off has caused scouring in the restored area near structure #24077. 8/22-9/5/08	Stabilize exposed soils and continue to monitor and repair/add controls as necessary. 9/5/08	Needs attention
Route 34	Spoils remain within the ROW off Rt. 34. Piles appear to be contained in the upland portions of the ROW. 9/5/08	Remove spoil piles when feasible. 9/5/08	Needs attention during 345 kV restoration efforts
Woodbridge, CT			
B'Nai Jacob	Access road areas were recently restored and vegetative cover is approximately 65-70%.	Continue to monitor. 9/5/08	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	9/5/08		
Cowpath Lane	The wetland crossing between structures #24129 and 24130 appears stable at this time. Waterbars, a stone swale, and a stone check dam remain to control runoff. 9/5/08	Continue to monitor. 9/5/08	Crossing appears stable at this time and erosion controls remain functional
Bethany & Hamen, CT	Spoils remain on the ROW off Hatfield Rd, Downs to Gaylord Mtn Rd, Tom Swamp, & Brooksvale Ave. 9/5/08	Remove spoil piles during 345 kV restorations. 9/5/08	Remaining spoil piles need attention during 345 kV restoration efforts
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. 9/5/08	Continue to monitor and add/maintain controls to prevent sediment migration to the wetlands. 9/5/08	Needs evaluation/ attention
Hamden, CT West Todd Street/ Gaylord Mountain	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. 9/5/08	Continue to monitor until final stabilization is achieved. The swale remains functional but additional controls are needed to help control stormwater and erosion. Remove sediment from the wetland. 9/5/08	Haybale controls have been installed within the swale *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. 9/5/08	Remove sediment from the basin during 345 kV restoration efforts. 9/5/08	Sediment basins need attention during 345 kV restoration efforts

Areas of Inspection	Observation	Recommended Action	Corrected Action
Brooksvale Ave	Existing controls continue to function at wetland #100, but additional controls may be necessary. The sediment basin is nearing capacity. 9/5/08	Continue to monitor and add/maintain controls as necessary. 9/5/08	Needs evaluation/ attention during 345 kV restoration efforts
Old Lane Rd	Access road controls remain functional here. Sediment basins need attention. 9/5/08	Continue to monitor and maintain as necessary. 9/5/08	Needs evaluation
Inland Wetland and Watercourse encroachment and mitigation	The ACOE permit is in hand and approved wetland work continues. 9/5/08	Follow general guidelines of the permit whenever work in wetlands occurs. 9/5/08	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. 9/5/08	Continue to monitor and add controls as necessary. 9/5/08	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. 9/5/08	Continue to monitor and add controls as necessary. 9/5/08	NA at this time
Milford, CT East Rutland Road (western access point), Eisenhower Park	Permanent stone access rds remain at the wetland crossings in these areas. 9/5/08	NA 9/5/08	NA at this time.

Areas of Inspection	Observation	Recommended Action	Corrected Action
Orange, CT Pine Tree Dr, Lambert Rd, Clearview Ln (Woodbridge)	Permanent stone access roads remain at the wetland crossings in these areas (as approved). 9/5/08	Continue to monitor. 9/5/08	NA at this time
Woodbridge, CT JCC	A stone access road remains in the wetland area near the JCC. 9/5/08	Continue to monitor. 9/5/08	NA at this time
	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. 9/5/08	Continue to monitor until *final stabilization is achieved*. 9/5/08	NA at this time
Cow Path Lane, Salem Rd, Rimmon Rd, Brookwood Dr, Manville Rd and Ansonia Rd	Permanent access roads remain in the wetlands in these sections (as permitted). 9/5/08	Continue to monitor. 9/5/08	NA
Oak Ln CC, & JCC	Timber mat crane pads remain in the wetlands in these sections. 9/5/08	Continue to monitor. 9/5/08	NA
Bethany, CT Morris to Hatfield	A stone access road and timber mats are in place in the wetland areas in this section (as permitted). 9/5/08	Continue to monitor. 9/5/08	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. 9/5/08	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. 9/5/08	Needs evaluation/ attention during 345 kV restoration efforts
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	Continue to monitor. 9/5/08	NA at this time

Areas of Inspection	Observation	Recommended Action	Corrected Action
Old Lane Rd	sections. 9/5/08		
Gaylord Mtn. Rd. (North)	Sediment remains in the wetland area located to the southwest of structure #3992. 12/20/07-No further accumulation has not been observed and wetland vegetation has been noted. Spoils have been removed from the wetland here. 9/5/08	Evaluate sediment accumulation within the wetland. Carefully remove sediment from wetland if it is greater than 2" in depth. 9/5/08	Needs evaluation/ attention during 345 kV restoration efforts
(South)	Sediment remains in the wetland area between structure #'s 3990-3991. 9/5/08	Carefully remove sediment from wetland if it is greater than 2" in depth. 9/5/08	Needs attention
Brooksvale Ave	Sediment had seeped through the mats and into wetland #100. 9/5/08	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. 9/5/08	Needs evaluation/ attention during 345 kV restoration efforts
Whitney Ave	Sediment remains in the wetland near structure #24195. 9/5/08	Carefully remove sediment from wetland areas if it exceeds 2" in depth. 9/5/08	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. Wood turtles are no longer considered dormant after April 1st. 9/5/08	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 construction activities. 9/5/08	Ensure that field crews receive the appropriate training prior to the commencement of construction activities in these areas
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	The area should receive the same attention as known, protected habitat area along the ROW. The	Sweeps are needed in this area during access for restoration activities.

Areas of Inspection	Observation	Recommended Action	Corrected Action
	and the Old Ln section in 2007. 9/5/08	dormant season has ended as of April 1st and sweeps for turtles are required prior to accessing the site. 9/5/08	
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. 9/5/08	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. 9/5/08	NA
Milford and Orange, CT	115 kV crane pad reclamation and restoration work appear complete at this time. Disturbed soils have been graded and mulched for temporary stabilization. Vegetative growth has been noted throughout the ROW in these areas. 9/5/08	Continue to monitor until *final stabilization* is achieved. 9/5/08	Vegetative growth was observed in many areas
	345 kV restoration efforts appear complete in Milford and continue in Orange at this time. All disturbed soils have been graded and temporarily stabilized with mulch. Vegetative growth has been observed throughout the ROW in Milford. 9/5/08	Continue to monitor until *final stabilization* is achieved. 9/5/08	Vegetative growth has been observed throughout the ROW in Milford
	Hay mulch and seed is being applied to the permanent wetland crossings. 9/5/08	Continue stabilization efforts. 9/5/08	Hay mulch and seed is being applied to the permanent wetland crossings.
Woodbridge, CT	115 kV crane pad reclamation and restoration work appears	Continue to monitor until *final stabilization* is achieved. 9/5/08	Disturbed soils are being graded and mulched for temporary stabilization

Areas of Inspection	Observation	Recommended Action	Corrected Action
	complete at this time. Disturbed soils have been graded and mulched for temporary stabilization. Vegetative growth has been observed throughout the ROW in this area. 9/5/08		
	Hay mulch and seed is being applied to the permanent wetland crossings. 9/5/08	Continue stabilization efforts. 9/5/08	Hay mulch and seed is being applied to the permanent wetland crossings.
Clearview Ln,Manville Rd, Ansonia Rd, Rimmon Rd, Pease Rd, Center Rd, Cowpath Ln, Glen Dam,	345 kV restoration efforts appear complete in these sections at this time. All disturbed soils have been graded and temporarily stabilized with mulch. 9/5/08	Continue to monitor until *final stabilization* is achieved. 9/5/08	NA
Bethany and Hamden, CT	115 kV crane pad reclamation and restoration work appears complete at this time. Disturbed soils have been graded and mulched for temporary stabilization. Vegetative growth has been noted throughout the ROW in these areas. 9/5/08	Continue to monitor until *final stabilization* is achieved. 9/5/08	Disturbed soils are being graded and mulched for temporary stabilization. Grass growth has been noted in many areas
Litchfield Turnpike	345 kV restoration efforts appear complete in this section at this time. All disturbed soils have been graded and temporarily stabilized with mulch. The access roads here are permanent, therefore timber mat wetland crossings will remain. 9/5/08	Continue to monitor until *final stabilization* is achieved. 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 9/5/08	NA
Dewatering **Orange, CT Woodbridge, Bethany, and Hamden CT**	Dewatering appears complete at this time. 9/5/08	NA. 9/5/08	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Blasting	No blasting is proposed at this time. 9/5/08	None. 9/5/08	NA
Spills, soils and material storage.	Contractor receiving yard is set up near Shelland St. in Milford. See segment 3 report. 9/5/08	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. 9/5/08	NA
Additional Observations	Non-project related activity was noted within the ROW off Sunset Dr. A trench was dug near the first structure and a pipe appears to have been installed to divert water from an unknown location. 1/18/07-9/5/08	Noted for the record. 1/18/07-9/5/08	NA
	Non-project related sedimentation has been observed in the roadway off Caswell Street/Bic Drive & Plains Rd in Milford. 9/5/08	Note for the record. 9/5/08	NA
	Non-project related soil piles have been observed within a wetland buffer off North St in Milford. 9/5/08	Note for the record. 9/5/08	NA

Next likely scheduled inspection: Thursday September 11, 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): View of restoration efforts. Hydro-seed was applied here.

Treat Ln: The permanent wetland crossing here has been stabilized with mulch and seed. Vegetation growth is evident.

Cowpath Ln (Woodbridge): Vegetation covers approximately 70% of the former crane pad area near structure #3940.

Cowpath Ln: Vegetation covers approximately 70% of the former crane pad area near structure #24127.

Cowpath Ln: The access Rd between structures #24129-24130 remains stable.

Cowpath Ln: The wetland crossing between structures #24129-24130, is permanent and appears stable at this time. Waterbars, a stone swale, and a stone check dam remain to help control run-off.

Gaylord Mtn Rd (Hamden): Haybales have been placed in the swale to help control stormwater run-off.

Gaylord Mtn Rd: An additional view of the haybales added to the Swale.

Photos by BSC