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: May 2, 2008

Inspector: Matt Kelly

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

Rainfall: 2.35" of precipitation were recorded since the last inspection with 2.17" of the total

recorded on 4/28. (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. 5/2/08	Continue to monitor active work areas and add controls as necessary. See EC section. 5/2/08	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. 5/2/08	Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 5/2/08	Active areas need regular attention
	Mats remain at the wetland crossings in these sections. 5/2/08	Continue to monitor. 5/2/08	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. The contractor has stated that catch basin protection has not been provided in this area due to flooding concerns. Note: Sedimentation from non-project related activity has also been observed in this area. 5/2/08	Continue to monitor and sweep roadway as necessary. 5/2/08	Sediment tracking/ accumulation needs regular attention

Areas of Inspection	Observation	Recommended Action	Corrected Action
Woodbridge, CT Pease Rd	The contractor has stated that catch basin protection has not been provided in this area due to flooding concerns. No tracking was observed this week. 5/2/08	Continue to monitor. Sweep roadway as necessary. 5/2/08	NA
Hamden, CT Old Ln	Curb inlet protection has not been provided in this area. 5/2/08	Continue to monitor. Provide and maintain inlet protection. 5/2/08	Needs attention
Foundation and site construction All sections	H- frame structure and lattice tower removal appears to be complete at this time. 5/2/08	Continue to monitor. 5/2/08	NA
	115-kV foundation work appears to be complete within the ROW at this time. 5/2/08	Continue to monitor. See EC Section. 5/2/08	NA
	345-kV foundation work appears to be complete within the ROW at this time. Structure installation continues in Bethany and Hamden. Wire pulling and grounding activities continue. 5/2/08	Continue to monitor. See EC Section. 5/2/08	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. 5/2/08	None at this time. Continue to utilize the appropriate erosion control measures and stabilize disturbed soils as necessary. 5/2/08	NA
Milford, Orange, & Woodbridge, CT	Spoils have been removed from Naugatuck Ave, Dogwood Rd, & Brookwood Dr. Spoils remain within the ROW off Rt. 34 & Pease Rd.	Remove spoil piles when feasible. 5/2/08	Spoils have been removed from Naugatuck Ave, Dogwood Rd, & Brookwood Dr

Areas of Inspection	Observation	Recommended Action	Corrected Action
	Piles appear to be contained in the upland portions of the ROW. 5/2/08		
Naugatuck Ave	Silt fence is in need of repair near structure #3804. 5/2/08	Maintain/add controls as necessary. 5/2/08	Needs attention when feasible
Plains Rd	Exposed soils and an erosive gully remain within the drainage swale located to the south of the substation. 2/1-5/2/08.	Fill gully with an appropriate material and stabilize exposed soils. 5/2/08	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. 3/26-5/2/08	Continue to monitor and add/maintain controls as necessary. 5/2/08	Needs evaluation/ attention
Eisenhower Park	Excess sediment from foundation drilling was observed on wetland timber mats in this section. 1/24-5/2/08	Remove excess sediment from timber mat pads and add controls as necessary. See Wetland Section. 5/2/08	Needs attention when feasible
Orange, CT Dogwood Rd	Silt fence is in need of repair near structure #24067. 3/12-5/2/08	Repair/add controls as necessary. 5/2/08	Needs attention when feasible
Dogburn Rd	Access road controls are still in need of repair and waterbars are no longer functional near structure #24077. 4/11-5/2/08	Repair/add controls as necessary. 5/2/08	Needs evaluation/ attention
Woodbridge, CT Clearview Ln	Sediment laden stormwater is flowing over the access road and into the adjacent wetland. 4/11-5/2/08	Add/maintain controls as necessary. See Wetlands Section. 5/2/08	Needs attention
Brookwood Drive	Spoils have been removed from the wetland buffer	NA 5/2/08	Spoils have been removed

Areas of Inspection	Observation	Recommended Action	Corrected Action
	near structure #24096. 5/2/08		
Bethany & Hamden, CT	Spoils remain on the ROW off Litchfield TPK, Hatfield Rd, Downs to Gaylord Mtn Rd, & Tom Swamp. 5/2/08	Remove spoil piles when feasible. 5/2/08	Remaining spoil piles Need attention when feasible
Bethany, CT	Excess sediment from the	Add/maintain controls to	Needs evaluation/
Litchfield TPK	access road has accumulated on some of the wetland crossings in this section. 5/2/08	prevent sediment migration to the wetlands. 5/2/08	attention
Hamden, CT	A small swale was	Monitor during large rain	Needs additional
West Todd Street/ Gaylord Mountain	installed along the ROW perimeter and the access road in an attempt to help control/divert stormwater runoff. Stone and silt fence controls have been removed and exposed soils have been stabilized with mulch. 5/2/08	events and continue to add/maintain controls as necessary. Continue to monitor until final stabilization is achieved. 5/2/08	monitoring
Gaylord Mountain (North)	Sediment is accumulating in the sediment basin near structure #3992 (4/3/08). Additional controls/ stabilization measures may be necessary. Exposed soils remain within the trench along the access road. 4/18-5/2/08	Continue to monitor and maintain controls to prevent further sedimentation to the wetlands. Stabilize soils within the trench along the access rd. See Wetland Section. 5/2/08	Additional haybales have been added to the sediment basin but further attention/ evaluation is needed
	Spoils remain in the wetland area near structure #24179. No controls were observed 4/25-5/2/08	Remove spoils from the wetland. 5/2/08	Needs attention
Brooksvale Ave	Existing controls continue to function, but additional controls may be necessary. 5/2/08	Continue to monitor and add controls as necessary. 5/2/08	Needs attention/ evaluation
Inland Wetland and Watercourse encroachment and	The ACOE permit is in hand and approved wetland work continues.	Follow general guidelines of the permit whenever work in wetlands occurs.	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
mitigation	5/2/08	5/2/08	
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. 5/2/08	Continue to monitor and add controls as necessary. 5/2/08	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. 5/2/08	Continue to monitor and add controls as necessary. 5/2/08	NA at this time
Milford, CT Naugatuck Ave, Rt 121 and Oronoque Rd	Timber mat crane pads remain adjacent to/in wetlands in these sections. 5/2/08	Continue to monitor and add controls as necessary. 5/2/08	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. 5/2/08	Continue to monitor and add controls as necessary. 5/2/08	NA at this time
	Excess sediment from foundation drilling was observed on wetland timber mats in the ROW within Eisenhower Park. 5/2/08	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.	Needs attention when feasible

Areas of Inspection	Observation	Recommended Action	Corrected Action
		5/2/08	
East Rutland Road (western access point) Orange, CT	A stone access road remains at the wetland crossing off East Rutland. An existing stone culvert was already in place here. 5/2/08	Continue to monitor. Install controls as necessary. 5/2/08	NA at this time.
	Timber mat crane	Continue to monitor.	NA at this time
Sunset Drive, Pine Tree Rd (east), Treat Lane, Lambert Rd, Russell Ave, Hunting hill Road, Racebrook Rd, and Route 34 Clearview Ln to Rt 15	pads/crossings remain at the wetland areas here. Stone wetland crossings are in place at Lambert Rd and Treat Lane. 5/2/08	5/2/08	INA at this time
Woodbridge, CT	Stone access roads and timber mat crossings remain in the wetland areas here. 5/2/08	Continue to monitor. 5/2/08	NA at this time
Clearview Lane	Turbid water was observed in the wetland here. 4/11-5/2/08	Evaluate sediment accumulation within the wetland. See EC Section. 5/2/08	Needs evaluation
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. 5/2/08	Continue to monitor. Adjust controls as necessary. 5/2/08	NA at this time
Rimmon Rd/B'Nai	Sediment remains in the wetland near structure #3922. 5/2/08	Carefully remove sediment during the dry season if it is greater than 2" in depth. 5/2/08	Needs evaluation/attention
Rimmon Rd (south) Oak Lane CC, Cow	The timber mat crane pad crossing has been removed from the tributary stream near structure #24105. 5/2/08	Continue to monitor. Restore as necessary. 5/2/08	The timber mat crossing has been removed from the stream near structure #24105
Path Lane, Salem Rd, Rimmon Rd, Brookwood Dr, Center	Timber mat crane pads remain within the	Continue to monitor. 5/2/08	NA at this time

Areas of Inspection	Observation	Recommended Action	Corrected Action
Rd, Ansonia Rd, Manville Rd and Clear Ln to Rte 15	wetlands in these sections. 5/2/08		
Bethany, CT Morris to Hatfield	A stone access road and timber mats are in place in the wetland areas in this section. 5/2/08	Continue to monitor. 5/2/08	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). 5/2/08	Carefully remove sediment from wetland areas when timber mats are removed. See EC Section. 5/2/08	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. 5/2/08	Continue to monitor. 5/2/08	NA at this time
Gaylord Mtn. Rd. (North)	Sediment remains in the wetland area located to the southwest of structure #3992. 12/20/07-5/2/08	Evaluate sediment accumulation within the wetland. Carefully remove sediment from wetland if it is greater than 2" in depth. 5/2/08	Needs evaluation /attention when feasible
	A spoil pile and tire ruts remain in the wetland area near structure #24179. 4/25-5/2/08	Remove spoils and grade/stabilize ruts. 5/2/08	Needs attention
Brooksvale Ave	Sediment had seeped through the mats and into wetland #100. 5/2/08	Carefully remove sediment from wetland areas if it exceeds 2" in depth when timber mats are removed. 5/2/08	Needs evaluation/ attention
Whitney Ave	Some sediment has migrated into the wetland near structure # 24195.	Carefully remove sediment from wetland areas if it exceeds 2" in depth.	Needs evaluation

Areas of Inspection	Observation	Recommended Action	Corrected Action
115-kV underground transmission line Old Lane Road	5/2/08 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 access road. (115-kV underground). 5/2/08	5/2/08 Continue to evaluate sediment accumulation within the adjacent wetland. Carefully remove sediment from the wetland if it is greater than 2' in depth. 5/2/08	Needs further evaluation
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 1 st . 5/2/08	If active work is to continue 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. 5/2/08	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. 5/2/08	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. 5/2/08	NA
Milford and Orange, CT	Exposed soils are being temporarily stabilized. 5/2/08 115 kV crane pad reclamation and	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. 5/2/08 Continue to monitor until stabilization is achieved.	Exposed soils are being temporarily stabilized Disturbed soils are being graded and mulched for

Areas of Inspection	Observation	Recommended Action	Corrected Action
	restoration work appear complete at this time. Disturbed soils are being graded and mulched for temporary stabilization. 5/2/08	5/2/08	temporary stabilization
	Construction of the wetland mitigation area in Eisenhower Park appears to be complete at this time (See East Devon Substation Report). Temporary stabilization measures are in place. 5/2/08	Continue to monitor until final stabilization is achieved. 5/2/08	NA
Woodbridge, CT	115 kV crane pad reclamation and restoration work appears complete at this time. Disturbed soils are being graded and mulched for temporary stabilization. 5/2/08	Continue to monitor until stabilization is achieved. 5/2/08	Disturbed soils are being graded and mulched for temporary stabilization
Bethany and Hamden, CT	115 kV crane pad reclamation and restoration work appears complete at this time. Disturbed soils are being graded and mulched for temporary stabilization. 5/2/08	Continue to monitor until final stabilization is achieved. 5/2/08	Disturbed soils are being graded and mulched for temporary stabilization
Old Lane Road	The overhead access road has been stabilized with stone. Hydroseed was applied to exposed soils. 5/2/08	Continue to monitor until final stabilization is achieved. 5/2/08	NA
Dewatering Orange, CT Woodbridge, Bethany, and Hamden CT	Dewatering appears complete at this time. 5/2/08	NA. 5/2/08	NA
Blasting	No blasting is proposed at this time. 5/2/08	None. 5/2/08	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. 5/2/08	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. 5/2/08	NA
Milford, CT West River St	The Contractor stated that the appropriate tests have been performed on the oily sheen near structure #24103, and it does not appear to be project related at this time. 5/2/08	Continue to monitor. 5/2/08	The Contractor stated that the oily sheen has been tested and does not appear to be project related at this time.
Orange, Woodbridge CT Manville Rd	The Contractor stated that the oily sheen near structures #24102 & #24103 does not appear to be project related. 5/2/08	Continue to monitor. 5/2/08	The Contractor stated that the oily sheen does not appear to be project related
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. 1/18/07-5/2/08	Noted for the record. 1/18/07-5/2/08	NA
	Non-project related sedimentation has been observed in the roadway off Caswell Street/Bic Drive in Milford. 5/2/08	Note for the record. 5/2/08	NA

Next likely scheduled	
inspection:	Friday May 9, 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



Brookwood Ave (Woodbridge): Spoils have been removed from the ROW near structure #24096.



Brookwood Ave: Spoils located within the wetland buffer have been removed from the ROW.