

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: February 1, 2007

Inspector: Lee Curtis, Susan Infalt

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

Rainfall: Only traces of precipitation were recorded in the week since the previous inspection. (as reported by NOAA at New Haven, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways Orange, CT Ridge Road, Rolling Ridge Rd, Sunset Dr, Hall Dr, Edward CT, Racebrook Rd, Overland Dr, Hunting Hill Place, Harbor View, Saddle Ridge, and Route 152	Clearing/road construction appears to be complete in these sections at this time. No active roadwork was occurring in these sections during the inspection this week. 2/1/07.	Continue to monitor. Install mats if necessary. 2/1/07.	Not Applicable (NA)
	Mats remain at the wetland crossings in these sections. 2/1/07.	Continue to monitor. 2/1/07.	NA
Treat Lane, Pine Tree Drive, Lambert Rd, Russell Ave, Dogwood Rd, Hunting Hill Rd	Access roads continue to be extended into the wetland areas in these sections. Mats are in place at the wetlands off Pine Tree Drive and Russell Ave. 2/1/07	Continue to monitor and add controls as necessary. 2/1/07	NA
All Access Roads	Stone pads remain in place at all access roads and sediment tracking was minimal this week. 2/1/07	Continue to monitor for sediment tracking. Sweep roadways as necessary. 2/1/07.	Needs regular attention
	“Silt saks” (or similar) remain intact within catch basins in the vicinity of the constructed access roads.	Continue to monitor and evaluate methods to protect the curb drop inlet and prevent sedimentation as needed.	CB controls in place. Improve as necessary.

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Milford, CT Shelland Street</p>	<p>Silt sack fabric was pulled over the curb drop inlet at those catch basins located immediately adjacent to the constructed access roads. 2/1/07.</p> <p>Activities associated with the relocation of Shelland St continue near the proposed East Devon Substation site. No active work was observed at the time of inspection. 2/1/07.</p>	<p>See Erosion Control Section for more detail. 2/1/07.</p> <p>Continue to monitor and add controls as necessary. 2/1/07</p>	<p>CB controls were installed proactively.</p> <p>NA</p>
<p>Plains Road to Oronoque Rd, Lexington Lane</p>	<p>Clearing and access road construction appears to be complete in these sections at this time. 2/1/07.</p>	<p>None at this time. 2/1/07</p>	<p>NA</p>
<p>Woodruff Rd/Route 121 (east)</p>	<p>Clearing and access road construction was noted in these sections last week. 2/1/07.</p>	<p>None at this time. 2/1/07</p>	<p>NA</p>
<p>Woodbridge, CT Pease Road</p>	<p>No active work was noted here this week. 2/1/07.</p>	<p>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. 2/1/07.</p>	<p>NA</p>
<p>Glen Dam Reservoir (Dillon Road to Morris Road)</p>	<p>Clearing and access road construction appear complete. 2/1/07</p>	<p>Continue to monitor. 2/1/07</p>	<p>NA</p>
<p>Foundation and site construction Orange, CT Sunset, Overland Dr, Route 152, Ridge Rd, Edward Court, Racebrook Road, and Woodruff Rd.</p>	<p>Foundation work appears to be complete in these sections at this time. Some structures have been delivered for installation in these areas. 2/1/07.</p>	<p>See Dewatering and EC Sections. 2/1/07.</p>	<p>NA</p>
<p>Treat Lane, Russell Ave, Hall Dr</p>	<p>Foundation drilling/pouring was occurring at Hall Drive during the inspection this</p>	<p>See Dewatering and EC Sections. 2/1/07.</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Pine Tree Drive, Lambert Rd, Rolling Ridge Rd, Hunting Hill Rd, Hunting Place, Harbor View/Saddle Ridge</p> <p>Milford , CT Shelland Street</p> <p>Lexington Lane and Route 121</p> <p>Woodbridge, CT Glen Dam Reservoir</p>	<p>week. Matted crane pads were installed at the wetland areas off Treat Lane and Russell Ave, but drilling had not yet occurred. 2/1/07.</p> <p>Foundation work has not begun in these sections yet. 2/1/07.</p> <p>Stone pads were constructed within the ROW off Pine Tree Dr., Rolling Ridge Rd, Lambert Rd, Hunting Hill Place, and Harbor View/Saddle Ridge Rd. Approximately 20 feet of fill was required to build the pad near the wetland off Lambert Rd. 2/1/07.</p> <p>Site preparation continues at the proposed East Devon Substation site. 2/1/07.</p> <p>Old, existing structures continue to be removed. 2/1/07</p> <p>Old, existing structures continue to be removed. 2/107</p>	<p>See Dewatering and EC Sections. 2/1/07.</p> <p>None at this time. See Dewatering and EC Sections. 2/1/07</p> <p>None at this time. 2/1/07</p> <p>None at this time. 2/1/07.</p> <p>None at this time. 2/1/07.</p>	<p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p>
<p>Erosion and sediment controls</p> <p>Orange, CT</p> <p>Russell Ave</p> <p>Sunset Dr and Overland Drive</p>	<p>Roots have been retained in most cleared areas to maintain some soil stability. 2/1/07.</p> <p>Ruts remain within the ROW here. Soils are too soft to support equipment. 11/20-2/1/07.</p> <p>Sediment has built up around the catch basins off Sunset Dr and Overland Dr. Silt-saks still appear to be functioning properly here. 1/11-2/1/07.</p>	<p>None. Continue to temporarily stabilize disturbed soils as necessary 2/1/07.</p> <p>Stabilize soil (tracks) as it becomes necessary. 11/20-2/1/07.</p> <p>Continue to monitor for sediment tracking. Sweep roadways and areas around catch basins as necessary. 1/11-2/1/07.</p>	<p>NA</p> <p>NA at this time</p> <p>Needs proactive attention when feasible.</p>

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	<p>Silt fence remains intact at the wetland crossing accessed from Sunset Dr. and wetland area off Overland Dr. (east) 2/1/07.</p>	<p>Continue to monitor and maintain as necessary. 11/20-2/1/07.</p>	<p>NA</p>
	<p>All spoil piles are on liners and remain partially covered with plastic in the ROW off Sunset Dr. The plastic covering should be adjusted in some areas. The silt fence remains intact at the spoil pile near the wetland here. 2/1/07.</p>	<p>Adjust plastic covers and maintain silt fence as necessary. 1/18-2/1/07.</p>	<p>Needs proactive attention when feasible</p>
<p>Orange Center Rd/Route 152</p>	<p>Silt fence remains intact at the small wetland area to the west of Route 152. 2/1/07.</p>	<p>Continue to monitor and adjust controls as necessary. 2/1/07</p>	<p>NA</p>
<p>Lambert Road</p>	<p>Silt fence and haybales were installed at the base of the stone crane pad and along the access road here. 2/1/07.</p>	<p>Continue to monitor and adjust controls as necessary. 2/1/07</p>	<p>Silt fence and haybales installed proactively.</p>
<p>Racebrook Rd.</p>	<p>Silt fence was down in some areas along the edge of the crane pad at the wetland off Racebrook Rd. 2/1/07</p>	<p>Repair/maintain controls here. Continue to monitor. 2/1/07</p>	<p>Silt fence installed but needs some attention</p>
<p>Edward Court</p>	<p>Silt fence remains intact along the stone pad and haybales continue to protect the catch basin here. Hay mulch was applied to disturbed soils 2/1/07.</p>	<p>Continue to monitor. 2/1/07.</p>	<p>Disturbed soils were mulched proactively.</p>
<p>Dogwood Road and Treat Lane</p>	<p>Spoil piles remain on a liner and inactive piles are covered with plastic. 2/1/07.</p>	<p>Continue to monitor. 2/1/07.</p>	<p>NA</p>
<p>Ridge Road</p>	<p>Silt fence remains intact along the work areas here to help prevent impacts to abutting property. 2/1/07</p>	<p>Continue to monitor and maintain as necessary. 2/1/07.</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Pine Tree Dr	2/1/07. Haybales remain along the edge of the timber mat wetland crossing off Pine Tree Dr (east). 2/1/07	Continue to monitor and maintain as necessary. 2/1/07.	NA
Saddle Ridge Rd/Harbor View Place	Silt fence and filter socks remain at the work area for proposed structure #3883. 2/1/07.	Continue to monitor and maintain as necessary. 2/1/07.	NA.
Milford, CT Route 121	Stone and silt fence check dams remain along the ROW. Silt fence remains downgradient of a spoil pile. 2/1/07	Continue to monitor and maintain as necessary. 2/1/07.	NA.
Shelland Street	All exposed soil and sediment is contained on site. Silt fence remains intact near the new road location. 2/1/07.	Continue to monitor. 2/1/07.	NA
Lexington Lane	Silt fence remains intact adjacent to the wetland off Lexington Lane (east). 2/1/07.	Continue to monitor. 2/1/07.	NA
Woodbridge, CT Glen Dam Reservoir	Silt fence is in place along the access road in appropriate locations. Areas of disturbed soil were mulched with hay. 2/1/07.	Continue to monitor this area carefully due to the adjacent reservoir. Adjust controls as needed. 2/1/07.	Disturbed soil was mulched proactively
Pease Road.	Mats remain within the access road and in proposed structure locations within the ROW off Pease Road. Soil is saturated here and prone to ruts. 2/1/07	Continue to install mats and erosion controls where necessary. 2/1/07.	NA at this time
Inland Wetland and Watercourse encroachment and mitigation Orange, CT Pine Tree Drive	The ACOE permit is now in hand and approved wetland work has begun. 2/1/07. The existing H-frame structure located within the small wetland pocket off Pine Tree Dr has been	Follow general guidelines of the permit whenever work in wetlands occurs. 2/1/07 Poles should be removed from the wetland when feasible. Take care to minimize disturbance to	NA Needs attention when feasible

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	<p>off Pine Tree Dr has been dismantled and pieces remain stored in the wetland. 1/18-2/1/07.</p> <p>Clearing was noted in the wetland off Pine Tree Dr, (west) last week. It appeared to have been done by hand. The timber mat crossing remains at the wetland to the east. 2/1/07.</p>	<p>minimize disturbance to the wetland here. 1/18-2/1/07.</p> <p>Continue to monitor. 2/1/07.</p>	<p>NA</p>
<p>Orange Center Drive (west)</p>	<p>Stormwater continues to pool at the access road located across from the wetland area off Orange Center Drive (west). Silt fence remains intact here. 1/5-2/1/07.</p>	<p>If water continues to rise, additional stone should be placed along the access road to allow for additional filtration before this water reaches the wetland. 2/1/07.</p>	<p>NA</p>
<p>Sunset Drive</p>	<p>Mats remain at the wetland crossing here. 2/1/07.</p>	<p>Continue to monitor. 2/1/07.</p>	<p>NA</p>
<p>Lambert Rd</p>	<p>A 20-foot (vertical) stone pad was constructed near the wetland at the proposed structure locations here. A stone crossing is in place at the wetland along the access road. 2/1/07</p>	<p>Continue to monitor. The work areas appear to be contained and controls are in place. 2/1/07</p>	<p>NA at this time</p>
<p>Russell Ave and Racebrook Rd.</p>	<p>Timber mat crane pads were installed for construction in the approved wetland areas here. 2/1/07.</p>	<p>Continue to monitor. Work areas appear to be contained. 2/1/07</p>	<p>NA at this time</p>
<p>Hunting Hill Rd</p>	<p>Clearing for pad installation was noted within the wetland this week. 2/1/07.</p>	<p>Continue to monitor. 2/1/07.</p>	<p>NA at this time</p>
<p>Woodbridge, CT Pease Road</p>	<p>Mats remain at the potential wetland area here. 2/1/07.</p>	<p>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</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Woodbridge, CT Pease Road	No active clearing was noted. Major clearing will be necessary in the future for the relocation of the ROW here. 2/1/07	Continue to confirm that all clearing/cutting is limited only to areas defined in D&M plan. 2/1/07.	NA
Dewatering Orange, CT Pine Tree Drive (east & west), Hall Drive, Saddle Ridge/HarborView, and Hunting Hill Place. Treat Lane Russell Ave Overland Drive Milford, CT Lexington Lane, Plains Rd. to Oronoque Rd.	Dewatering containment areas have been pro-actively placed within the ROW in these sections. This includes silt fence and haybale corrals and dewatering basins. Drilling has not started yet here. 2/1/07. Dewatering basins were effective here and sediment remains contained. 2/1/07. The large dewatering containment area remains off Russell Ave for receiving water trucked in from nearby work areas. Although sediment/slurry was noted beyond the basin, secondary controls were installed downgradient to prevent sedimentation to adjacent property. 2/1/07. Sediment remaining from previous dewatering activities here is no longer an issue now that the crane pad has been constructed. 2/1/07. Dewatering basins have been pro-actively placed at these new drilling sites. 2/1/07.	Continue to monitor and adjust controls as necessary. 2/1/07. Continue to monitor and adjust controls as necessary. 2/1/07. Continue to monitor and adjust controls as necessary. Attempt to construct basins with adequate capacity. 2/1/07. None at this time. 2/1/07. Continue to monitor and adjust controls as necessary. 2/1/07.	Dewatering areas installed proactively. Dewatering basins installed proactively. Secondary controls were installed to contain the slurry. Continue to evaluate. Dewatering containment areas were installed proactively.
Blasting	No blasting is proposed at this time. 2/1/07.	None	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. This also appears to be used for Segment 3 construction. 2/1/07.	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. 2/1/07.	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. 1/18-2/1/07	Noted for the record. 1/18-2/1/07	NA

Next likely scheduled inspection: Friday, February 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: Lee Curtis, BSC Group

Reviewer: Diana Walden, BSC Group



View of the clearing within the wetland off Hunting Hill Road.



View of the timber mat crane pad constructed within the wetland off Russell Ave.



View of the large dewatering basin within the ROW off Russell Ave.



Some sediment/slurry has breached the controls at the dewatering basin here (Russell Ave). Secondary controls installed downgradient here prevented sedimentation on adjacent property.



View of the timber mat crane pad and completed foundation off Racebrook Road.



View of foundation drilling beginning off Hall Drive.



View of the completed foundation off Edward Court. Hay mulch was proactively applied to areas of disturbed soil.



Haybales remain intact around the catch basin near the access road off Edward Court.



View of the large stone pad constructed within the ROW off Lambert Road.



Haybales and silt fence were installed proactively, downgradient of the crane pad and along the access road.



Water continues to pool along the access road near the wetland off Route 152 (west).



The plastic covering should be adjusted on inactive spoil piles within the ROW off Route 152. Adjustments should also be made for similar piles located off Russell Ave and Sunset Drive.