

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 1a Inspection

Date: June 10, 2008

Inspector: Matthew Creighton

Location: Segment 1a – Scovill Rock Switching Station to Chestnut Junction, Oxbow Junction to Beseck Switching Station (excluding Royal Oak Bypass), and Black Pond Junction to Beseck Switching Station

Rainfall: 1.06” of precipitation was recorded in the week prior to inspection with 0.57” falling on 6/6 (NOAA data at Meriden, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways	Restoration is almost complete. Contractor is currently focusing on restoring Seg.2A. 6/10/08	Continue to sweep roadways and refresh stone as needed. Clean existing controls in CBs as necessary. 6/10/08	Not Applicable (NA)
Scovill SS west to Chestnut Junction			
Scovill SS to Rte. 9 Rte. 9 to East Mount Rd.	Culverts are in place at the access road wetland crossings. Timber mat stream crossings have been removed. Water bars/drainage ditches remain on permanent access roads. Haybales remain adjacent to wetlands in-between structures 24617 & 24618 and upgradient of wetland #4 to prevent run off from Scovill to Rte 9. 6/10/08	Sweep Freeman Road and Rte 9 as needed. Monitor wetlands around the site for run-off. Monitor haybales for effectiveness. 6/10/08	Restoration complete.
	Timber mats remain at the 1 st saturated crossing off E. Mount Rd. 6/10/08	Monitor the area until stable. Remove mats upon completion of work. 6/10/08	NA
Shunpike Rd.	Vehicle tracks were noted in the recently restored access west off Shunpike Rd. Grass cover had been establishing. These tracks	Continue to try and restrict access as feasible. 6/10/08	A gate was installed to help restrict access.

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Oxbow Junction to Beseck SS Haddam Quarter Rd.</p>	<p>are likely not project related. (since 6/2) A gate has been installed. 6/10/08</p> <p>The permitted permanent access road remains in place. Stone fill bisects the wetland and no culverts were installed. 4/21-6/10/08</p>	<p>Contractors stated they will likely be installing a culvert to maintain the hydrologic connection within the wetland. Work may wait to be completed in a low flow period. 4/29-6/10/08</p>	<p>Needs evaluation. Contractors will be installing a culvert in appropriate conditions.</p>
<p>Foot Hills Rd. to Durham Rd. (east) Powder Hill Rd.</p>	<p>Topsoil, hay, and seed remain at the reclaimed access roads and pad sites. 6/10/08</p>	<p>Monitor reclaimed areas for erosion and add controls as needed. 6/10/08</p>	<p>Restoration complete</p>
<p>Durham Rd</p>	<p>The stone access road in the large wetland system remains. During restoration it will be brought to grade and narrowed. A small area near the entrance has been reclaimed. 6/10/08</p>	<p>Stabilize exposed areas as soon as possible and continue to reclaim the roadway. See inland wetland section. Be careful to remove material here and reduce impacts. 6/10/08</p>	<p>NA at this time. Restoration still scheduled here.</p>
<p>Elihu Dr.; Rte. 157 (west) Private Driveway;</p>	<p>A small rutted area remains from equipment parking north side of access road driveway (west of 157) within an existing lawn. 4/29-6/10/08</p>	<p>Monitor the reclaimed area for stabilization. Hand grade and seed the rutted lawn area off private driveway. See erosion control section. 6/10/08</p>	<p>Lawn/ruts need attention.</p>
<p>Black Pond Junction to Beseck SS ROW, North of Beseck SS</p>	<p>All reclaimed/exposed areas have been mulched and seeded and grass growth was noted. 6/10/08</p>	<p>Continue to monitor for stabilization through vegetative cover. 6/10/08</p>	<p>NA at this time</p>
<p>Fleming Rd to Black Pond Jct.</p>	<p>Final grading and restoration complete from Fleming Rd. to Black Pond Jct. Water bars and controls remain in place to divert and filter turbid run-off from the wetlands. 6/10/08</p>	<p>Monitor this area for final stabilization and repair controls as needed. See erosion control section 6/10/08</p>	<p>NA at this time.</p>
<p>East Meriden SS</p>	<p>Access road removal was underway at a homeowner's request.</p>	<p>Monitor for stabilization and add controls as needed along the slope.</p>	<p>NA at this time.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	The access road was being loamed and seeded. 6/10/08	6/10/08	
Foundation and site construction	<p>With the exception of Durham Rd. and a few minor areas. Reclamation is largely complete in Seg 1A. Contractors are restoring Seg 2A. 6/10/08</p> <p>Crews were removing a section of access road and stabilizing the area near E. Meriden SS. 6/10/08</p>	<p>None at this time. 6/10/08</p> <p>Monitor until stable. See access road section. 6/10/08</p>	<p>NA at this time.</p> <p>NA at this time.</p>
<p>Erosion and sediment controls Scovill SS west to Chestnut Junction</p> <p>Oxbow Junction to Beseck SS Haddam Quarter Road to Durham Rd.</p> <p>Contractor Receiving Yard and Storage Area</p>	<p>Water bars/drainage ditches are working well in this area. 6/10/08</p> <p>Final restoration of pads and access roads is complete in this section. 6/10/08</p> <p>Timber mats remain at the 1st crossing for access off East Mount Rd. 6/10/08</p> <p>Reclamation was complete from Haddam Quarter Rd to Durham Rd. Controls remain adjacent to sensitive areas and exposed areas remain covered with hay and seed. 6/10/08</p> <p>The permitted stone access road remains. It bisects the wetlands and a culvert was not installed, off Haddam Quarter. 4/21-6/10/08 Conditions are currently dry and work may be appropriate at this time. 6/10/08</p> <p>Controls remain in good shape around the perimeter of the yard. The large exposed storage</p>	<p>Continue to maintain and ensure water is directed to stable areas. 6/10/08</p> <p>Continue to monitor and add controls as needed. Monitor newly restored areas for vegetative cover and stabilization. 6/10/08</p> <p>Continue to use timber mats until work is complete. Monitor for stabilization. 6/10/08</p> <p>Monitor controls and maintain as needed. Monitor for final stabilization and vegetative cover. 6/10/08</p> <p>Monitor wetlands for flooding of the access road and erosion. Contractors will likely be installing a culvert here in a drier low flow period. 4/29-6/10/08 Work should be scheduled to take advantage of conditions. 6/10/08</p> <p>Monitor this area for stabilization and continue to maintain controls until stable. 6/10/08</p>	<p>NA at this time</p> <p>Final restoration complete.</p> <p>NA</p> <p>NA at this time.</p> <p><i>Contractors will be installing a culvert during appropriate conditions.</i></p> <p>NA at this time.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Durham Rd.	<p>area (north west of yard) remains covered with hay/seed. 6/10/08</p> <p>Several stockpiled soils from multiple sites are stored around yard and will need to be temporarily stabilized. 5/19-6/10/08</p> <p>Some controls are in place including fiber rolls adjacent to the stone pad at structure # 24521, which regularly floods. 6/10/08</p>	<p>Add controls around the stockpiles to stabilize, or remove in accordance with the D&M plan. 5/19-6/10/08</p> <p>Monitor carefully and reduce grade and width of the road to the maximum extent feasible. Avoid entering/working on the access road when it is flooded. 6/10/08</p>	<p>Stockpiles will need controls.</p> <p>Needs careful monitoring. See Inland wetland section.</p>
Rte. 157 (east & west) & Elihu drive	<p>Small ruts from equipment were noted west of Rte. 157 along the private driveway within an area of lawn. 4/29-6/10/08.</p>	<p>Continue to monitor until final stabilization is achieved. Repair ruts by hand and seed when feasible. 4/29-6/10/08</p>	<p>Small ruts need attention.</p>
Powder Hill Rd.	<p>Restoration is complete. Hay, seed, and control remain in place. 6/10/08</p>	<p>Controls should be maintained until the area is stable. 6/10/08</p>	<p>NA at this time.</p>
East of Beseck SS	<p>Haybales are installed around the riprap sediment trap to filter any overflowing water from the basin. 6/10/08</p>	<p>Continue to monitor the controls for effectiveness and add/replace as needed. 6/10/08</p>	<p>NA at this time.</p>
Black Pond Junction to Beseck SS ROW, North of Beseck SS to Black Pond Jct.	<p>All controls remain in place until final stabilization has been achieved. 6/10/08</p> <p>All pads north of Beseck to Black Pond Jct. have been reclaimed well and the ROW is in good condition. All controls remain in place until final stabilization has been achieved. 6/10/08</p>	<p>Continue to monitor and maintain controls until final stabilization and vegetative cover has established 6/10/08</p> <p>Continue to monitor and maintain controls until final stabilization and vegetative cover has established. Any silt fence will have to be removed upon stabilization. 6/10/08</p>	<p>NA at this time.</p> <p>Good grass growth is noted in many areas.</p>
Inland Wetland and Watercourse encroachment and	<p>ACOE permit is in hand.</p>	<p>Perform work in wetlands under the permitted guidelines. 6/10/08</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
mitigation	In accordance with the D&M Plan, all work occurring in and around wetlands should be expedited to minimize potential adverse impacts to wetlands and reduce disturbances to wetland soils. The majority of areas in this segment have been or are being reclaimed. 6/10/08	Any additional work needed in and around wetlands should be expedited to allow for final stabilization procedures to commence. 6/10/08	<i>Restoration is almost complete.</i>
Scovill SS west to Chestnut Junction	Only culverts remain in permanent wetland crossings except for the timber mat access at E. Mount, which was just recently restored 6/10/08	See erosion control and access road sections. If further access is needed in this area, mats should be reinstalled. 6/10/08	See erosion control section. Restoration is complete.
Oxbow Junction to Beseck SS Haddam Quarter Rd.	Timber mats were removed and replaced with a permitted stone access. A culvert was not installed at the crossing but there is only surface water/overland flow vs a channel. 4/29-6/10/08 Conditions are currently dry and may be appropriate for culvert installation. 6/10/08	Monitor new crossing for erosion and flooding. Contractors will be installing a culvert to maintain the hydrologic connection, likely at a drier time of year to minimize additional disturbance. 4/29-6/10/08 Evaluate conditions to take advantage of dry weather. 6/10/08	Needs evaluation. Contractors will be installing a culvert when appropriate.
Durham Rd.	Timber mats and some of the stone from the access road were removed from this area. 6/10/08 BSC was informed that ACOE is allowing this road to remain at or within 2" of the adjacent grade so that sheet flow can occur. The road will also be narrowed. 6/10/08	When restoration occurs, the road base will remain at grade (for structure access). Remove the appropriate amount of stone and narrow the road to the extent feasible (This will likely be 15 feet based on NU's needs). Be extremely careful during this work to reduce impacts. 4/21-6/10/08	Reclamation will continue. Continue to monitor very carefully.
Powder Hill Rd.	The major crossing near the pond remains but all other crossings and channels remain restored 6/10/08	Monitor the exposed areas and controls closely in this area until stabilization is complete. 6/10/08	Continue to monitor.

Areas of Inspection	Observation	Recommended Action	Corrected Action
Rock SS to Chestnut Junction; Oxbow Jct. to Durham Rd; Durham Rd (Golf course); to Besock SS; ROW North of Besock SS to Black Pond	have issues with erosion during heavy rains. Controls remain in all exposed areas. Grass cover and revegetation noted in many areas. 6/10/08	exposed areas and controls and maintain as needed, until stable. Remove any silt fence after an area has stabilized. 6/10/08	restored.
Dewatering	Dewatering is complete at this time and basins have been removed. 6/10/08	Continue to restore areas as needed. 6/10/08	NA at this time.
Blasting	No blasting is proposed. 6/10/08	None 6/10/08	NA
Spills, soils and material storage All active areas	Spill controls move from site to site with the equipment. 6/10/08	Always use spill control materials when working on equipment and during refueling. Park equipment 100 feet from wetlands when feasible 6/10/08	NA
1A and 1B Contractor Receiving Yard and Staging Area	Materials are being stored in this area. Fuel tanks are not present. Soil/stone stockpiles from the reclamation of multiple sites were being stored here. 6/10/08	Continue to locate hazardous materials and equipment away from wetland inlets such as culverts and CBs. See erosion control section regarding stockpiles 6/10/08	NA
Additional Observations	NA	NA	NA

Next likely scheduled inspection:

Monday June 16, 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 Creighton, BSC Group

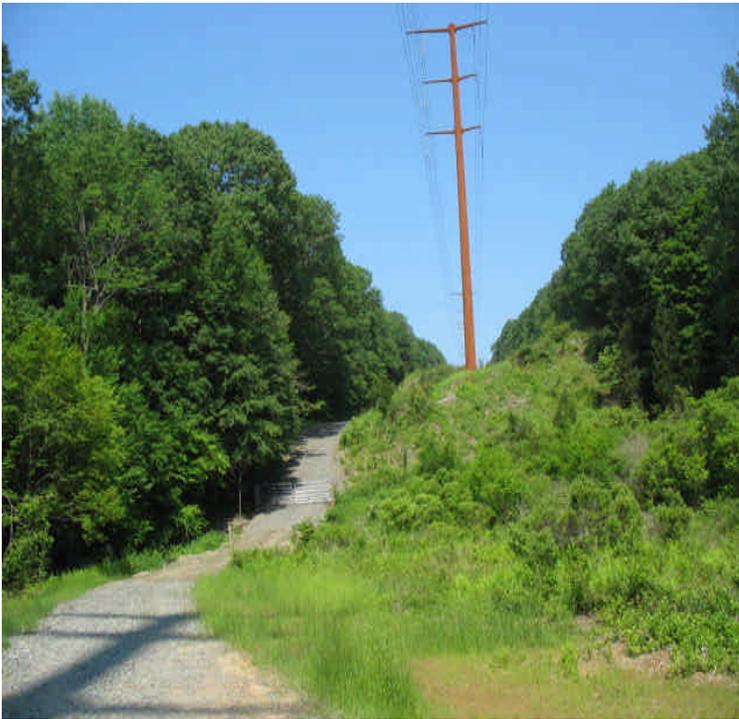
Reviewer: Diana Walden, BSC Group



Haddam Quarter Rd: Access road crossing. Vegetative growth noted. Conditions are dry and culvert installation should be considered at this time.



Johnson Ln: Final restoration complete and good vegetative cover noted. View looking from Johnson east to Foot Hills Rd at the restored access road and ROW.



Johnson Ln: Final restoration complete and good vegetative cover noted. View looking from Johnson west toward Arbutus.



Contractor Receiving Yard: Additional soil/stone stockpiles continue to be added from several sites along the ROW. All stockpiles should be temporarily stabilized and/or removed as soon as possible.



Durham Rd: Access road will remain in the wetlands however, it will be brought to grade and narrowed.



E Meriden SS: Final restoration complete. Some grass growth noted along the slope.



E Meriden SS: Crews were removing a section of access road as per the homeowner's request. Topsoil, hay and seed were being added along the exposed slope.



North of High Hill: Final restoration complete. Grass growth noted.