

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.

East Devon Substation Inspection

Date: March 21, 2008

Inspector: Matt Kelly

Location: East Devon Substation

Rainfall: 0.30" of precipitation were recorded in the week since the last inspection with 0.15" of the total reported on 3/15 & 3/20. (NOAA data at New Haven, CT).

| Areas of Inspection | Observation | Recommended Action | Corrected Action |
|------------------------------------|--|--|---------------------|
| Access Roads and Adjacent Roadways | Sediment tracking from the substation onto Plains Rd was evident this week. Sediment is accumulating around the catch basins on Plains Rd. 3/21/08 | Continue to monitor for sediment tracking, sweep roadways as necessary, and maintain stone access pads at the entrances to reduce tracking. 3/12/08 | Not Applicable (NA) |
| | “Silt Saks” remain intact within the Plains Rd catch basins. Curb inlet protection is not provided in this area. 3/21/08 | Continue to monitor for sediment tracking and clean/replace “Silt saks” when necessary. Provide curb inlet protection and continue to sweep the roadway regularly. See EC Section. 3/21/08 | NA |
| | “Silt saks” remain intact within the Shelland Street catch basins. 3/21/08 | Continue to monitor. 3/21/08 | NA |
| Foundation and site construction | Foundation work appears to be complete, but construction continues on site. 3/21/08 | None at this time. 3/21/08 | NA |
| Erosion and Sediment Controls | The retaining wall continues to contain soils and prevent off site sedimentation. 3/21/08 | Continue to monitor and improve controls as necessary. 3/21/08 | NA at this time |
| | “Silt saks” remain intact within the catch basins | Continue to monitor and add controls as necessary. | NA |

| Areas of Inspection | Observation | Recommended Action | Corrected Action |
|---|---|--|--|
| | <p>located along the western site boundary and along Shelland Street. Stone is in place around the catch basins on the western portion of the site. 3/21/08</p> <p>Haybale controls are in place at the culvert outlet within the drainage swale located along the eastern boundary of the substation. 3/21/08</p> | <p>3/21/08</p> <p>Continue to monitor and adjust controls as necessary. 3/21/08</p> | <p>NA at this time</p> |
| <p>Inland Wetland and Watercourse encroachment and mitigation</p> | <p>Two wetlands, 300 A and 300B, were cleared and filled during the construction process, as permitted. Construction of the associated wetland mitigation area appears to be complete near structure #3839 in Eisenhower Park at this time. 3/21/08</p> <p>Scouring from Wepawaug River floodwaters was observed along the bank of the mitigation area. 2/15-3/21/08. At this time, it does not appear that sediment from the mitigation site has migrated into the Wepawaug River. 3/21/08</p> | <p>Continue to monitor mitigation areas until final stabilization is achieved. 3/21/08</p> <p>Stabilize with appropriate material and re-grade during the dry season if necessary. 3/21/08</p> | <p>All disturbed areas have been temporarily stabilized with erosion control blankets.</p> <p>Woody debris has been added to create wildlife habitat.</p> <p>Needs attention when feasible</p> |
| <p>State species of concern, threatened and endangered species.</p> | <p>According to the D&M plan, state-listed species are not located in this work area. 3/21/08</p> | <p>None. 3/21/08</p> | <p>NA</p> |
| <p>Vegetative clearing or stabilization</p> | <p>Vegetation has been cleared within the limits of the substation site and along the newly re-located Shelland Street. 3/21/08</p> <p>Stone has been spread throughout the site for</p> | <p>None at this time. 3/21/08</p> <p>Continue to monitor. 3/21/08</p> | <p>NA</p> <p>NA</p> |

| Areas of Inspection | Observation | Recommended Action | Corrected Action |
|------------------------------------|---|--|---|
| | <p>stabilization. 3/21/08</p> <p>Exposed soils have been temporarily stabilized with mulch in a portion of the vegetated swale and hay bale check dams were installed. One EC mat is in place in this area. 3/21/08</p> | <p>Continue to monitor and adjust existing controls as necessary. Evaluate additional stabilization options (e.g. EC mats, hay mulch, etc.) for the exposed portions of the swale. Erosion controls may be necessary at the outlet. 3/21/08</p> | <p>Efforts were made to stabilize soils. <i>Further evaluation is needed.</i></p> |
| Dewatering | <p>Dewatering is not being performed for substation work at this time. 3/21/08</p> | <p>None at this time. 3/21/08</p> | <p>NA</p> |
| Blasting | <p>No blasting is proposed at this time. 3/21/08</p> | <p>None at this time. 3/21/08</p> | <p>NA</p> |
| Spills, Soils and Material Storage | <p>Construction materials and equipment are kept on the substation site and at the receiving yard located to the east of Shelland Street. 3/21/08</p> <p>All spoils from foundation work are being stored in the northeast corner of the substation site. Soils appear to be contained on site. 3/21/08</p> | <p>In general, store materials and equipment appropriately. Ensure that vehicles are equipped with spill kits and maintain them when needed. All construction vehicles should be parked at least 100 feet from a wetland or waterbody when feasible. 3/21/08</p> <p>Continue to monitor and remove spoils when feasible. 3/21/08</p> | <p>NA</p> |
| Additional Observations | <p>Sediment tracking from neighboring properties was noted on Plains Road in previous weeks. No sediment was observed this week. 3/21/08</p> | <p>NA. Note for the record. 3/21/08</p> | <p>NA</p> |

Next likely scheduled
inspection:

Friday March 28, 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



East Devon Substation (Milford): A general view of construction at the substation.



East Devon Substation: An additional view of the construction at the Substation.



East Devon Substation: The spoil pile remains in the northeast corner of the substation site.



Plains Rd (Milford): Sediment tracking from the substation was evident this week. Sediment is accumulating around the catch basins.



Eisenhower Park (Milford): A general view of the substation mitigation wetland.



Eisenhower Park: Floodwaters from the Wepawaug River have created two erosive gullies along the bank of the mitigation site.



Eisenhower Park: A view of the erosive gully located just west of the access road.



Eisenhower Park: This gully is located approximately 100 feet west of the access road. At this time, it does not appear that sediment has migrated from the mitigation site to the Wepawaug River.