

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 4a Underground Line

Date: November 15, 2007

Inspector: Gregory Sommer

Location: Singer Substation to Fairfield/Westport Town Line

Rain Event: 0.54" of precipitation was reported since the previous inspection, with 0.31" of the total recorded on 11/9 and 0.18" on 11/13. (Bridgeport, CT NOAA data).

| Areas of Inspection                               | Observation   | Recommended Action  | Corrected Action   |
|---|---|---|--|
| Access Roads and Adjacent Roadways                | All work is within or adjacent to existing paved roadways at this time. 11/15/07  | See erosion control section for details on sediment tracking. 11/15/07  | Not Applicable (NA)  |
| Vault Openings and Trench Construction            | Construction/trenching activities and/or steel road plates were observed at the time of the inspection at sta.: #501-503, #563-565, #596, #649-651, #663-664, #665-667, #690-695, #714-716, #792, #795, & #802-803. 11/15/07  | Continue to monitor and be proactive. Continue to mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 11/15/07  | NA   |
| Erosion and Sediment Controls<br>All active areas | Filter fabric or filter socks are installed in most catch basins adjacent to the construction activities. 11/15/07<br><br>Slurry from saw cutting activities has the potential to enter catch basins. Issues were not observed this week. 11/15/07<br><br>Any exposed soils have potential for airborne dust migration. Contractors are | Continue to place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 11/15/07<br><br>Prevent slurry from entering catch basins and sensitive areas by quickly attending to it as it is generated during cutting. 11/15/07<br><br>Prevent dust migration by regularly watering down exposed soils and sweeping | Most catch basins were protected. (proactively)<br><br>Needs regular attention<br><br>NA |

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|--|--|---|---|
| Fairfield  | aware of the potential.<br>11/15/07<br><br>Minor ruts in the area near vault #37 (Fairfield Inn) have been stabilized with hay mulch. 11/15/07   | immediately. If exposed soils are not to be worked within 30 days, they should be stabilized within 7 days of the last activity. 11/15/07<br><br>The remainder of the area is stable. 11/15/07  | Ruts have been temporarily stabilized.                    |
| Bridgeport   | Previously stockpiled soil near sta. #695 (vault #42) has been removed. 11/15/07<br><br>Minor tracking has been observed along Railroad Ave. Hard pack remains in place along the shoulders but the area is becoming rutted. Tracking was not an issue this week. 11/01-11/15/07 | Continue to monitor and provide final stabilization measures. 11/15/07<br><br>Re-grade shoulders and sweep roadway as necessary. Contractor plans to place gravel along the shoulders to reduce further impacts. Continue to use measures previously approved by the City of Bridgeport. 11/01-11/15/07 | Stockpiled soil has been removed.<br><br>Needs attention. |
| Kings Highway Lay-down Yard (Off Kings Highway, near Rt. 1 rotary) | Perimeter controls remain in place. Neither sediment tracking nor dust migration were an issue this week. 11/15/07   | Continue to monitor and maintain controls as necessary. Sweep the roadway as necessary. 11/15/07  | Needs regular attention.                                  |
| Bostwick Ave. Lay-down Yard  | Perimeter controls remain in place. Neither sediment tracking nor dust migration were an issue this week. 11/15/07   | Continue to monitor and maintain controls as necessary. Sweep the roadway as necessary. 11/15/07  | Needs regular attention.                                  |
| Inland Wetland and Watercourse encroachment and mitigation         | The Kings Highway lay-down yard is located adjacent to potential resource areas and a concrete lined waterway. 11/15/07  | See erosion control section. 11/15/07   | NA  |
| Staging, Storage, and Parking Areas                                | A contractor storage yard on Bostwick Ave. contains frac tanks, trailers, and parking. Reserve spill kits are located near the equipment   | Ensure that spill kits are also present with each vehicle during active construction, see Spills and Material Storage and Erosion Control sections.   | NA  |

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|--|---|--|--|
|  | trailers. 11/15/07<br><br>A contractor lay-down yard is located off of Kings Highway near the Rt. 1 rotary. Reserve spill kits are located near the equipment trailers. 11/15/07  | 11/15/07<br><br>See Erosion Control and Spills and Material Storage sections. 11/15/07   | NA   |
| Soils  | Soils are exposed as part of the excavation for trench, vault, and utility work. 11/15/07<br><br>A small stockpile off Rt. 1 Pequot Ave. is contained and stable. 11/15/07<br><br>Hay mulch previously applied to the exposed soils near sta.#695 no longer provides adequate coverage and needs to be refreshed. 11/15/07  | Most areas are temporarily stabilized. Soils appear to be handled appropriately. 11/15/07<br><br>Continue to monitor and maintain controls as necessary. 11/15/07<br><br>Permanent restoration efforts are still required in this area. 9/26-11/15/07<br>Temporarily stabilize the area with hay mulch. 11/15/07                       | NA<br><br>NA<br><br>Needs attention.                         |
| State species of concern, threatened and endangered species.                         | According to the D&M plan, state-listed species are not located in this work area. 11/15/07   | None. 11/15/07   | NA   |
| Vegetative clearing (including trees to save or danger trees noted) or stabilization | Vegetation continues to establish in the hydro-seeded areas at sta. #596 (vault #36). 11/15/07<br><br>Soil/ hard pack remains exposed but contained near sta. #801 (vault #49). 11/15/07<br><br>Some portions of the trench work along Pequot Ave. remain un-vegetated but stable. 11/15/07<br><br>Two trees were removed near sta. #462 in accordance with the D&M Plan (3/27/07). One tree was removed near vault #42 (7/25/07). 11/15/07 | Continue to monitor until final stabilization is achieved. 11/08/07<br><br>Continue to monitor and provide final stabilization when feasible. 11/15/07<br><br>Permanently stabilize remaining exposed areas when feasible. 11/15/07<br><br>Vegetation should be restored as necessary upon completion of work in these areas. 11/15/07 | NA<br><br>NA<br><br>NA<br><br>Needs attention when feasible. |

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|-----------------------------|---|--|---|
|                             | <p>Grass/vegetation was growing in the area between Main St. &amp; Broad St. but vehicles are parking in this area and vegetation has not fully established. 11/01-11/15/07</p> <p>A private yard next to vault #28 has been stabilized with seed and hay mulch (noted 6/13). Vehicles are frequently noted parking on seeded areas. Approximately 70% vegetative growth was noted. 11/15/07</p>  | <p>Permanently stabilize exposed area when feasible. 11/15/07</p> <p>Continue to monitor to ensure adequate establishment of vegetation (typically 75%). 11/15/07</p>  | <p>Needs attention when feasible.</p> <p>NA</p> |
| Dewatering                  | Dewatering activities were not observed during the inspection, however a vac truck was being emptied into frac tanks at the Kings Highway yard. 11/15/07  | Continue to properly contain and/or filter discharge water when dewatering is required. Frac tanks were being used for containment. 11/15/07   | NA  |
| Spills and Material Storage | Spill cleanup materials/kits were observed in the storage yards. 11/15/07   | Ensure that spill kits are also present with each vehicle during active construction 11/15/07  | NA  |
| Additional Observations     | <p>Catch basins near the storage yard at Railroad Ave. and Myrtle Ave., associated with the Glenbrook Cable project remain protected with silt sacks. Sediment tracking was evident along the roadway. 11/15/07</p> <p>Utility relocation/installation was ongoing between sta. #690-695. Work was being performed by C. Brito Construction and did not appear to be directly covered by the M/N project D&amp;M plan. Adjacent catch basins were not protected. 11/15/07</p> | <p>Noted for the record since a portion of the project route overlaps this area. This yard is not jurisdictional to the M/N project. 11/15/07</p> <p>Noted for the record since a portion of the project route overlaps this area. This work is likely not covered by the D&amp;M for the M/N project. However, if work was necessitated by the M/N project, consider asking contractors to use BMPs. 11/15/07</p> | <p>NA</p> <p>NA</p>                             |

**Next likely scheduled  
inspection:**

Wednesday, November 21, 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:**

Gregory Sommer, BSC Group

**Reviewer:**

Diana Walden, BSC Group



Crews working to install conduit near sta. #501-503.



Ruts/vehicle tracks near sta. #613 have been stabilized with hay mulch.



Vacuum truck is being emptied into the frac tanks at the Kings Highway lay-down yard. The yard is generally well maintained and no major issues were observed.



Utility installation/ relocation was being performed near sta. #690-695 by C. Brito Construction. This work may not be directly covered by the D&M plan for this project.