

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: May 15, 2008

Inspector: Gregory Sommer

Location: Singer Substation to Fairfield/Westport Town Line

Rain Event: 0.92” of precipitation was reported since the previous inspection, with 0.81” recorded on 5/9 (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. 5/15/08 | See erosion control section for details on sediment tracking. 5/15/08 | Not Applicable (NA) |
| Vault Openings and Trench Construction | Construction activities and/or steel road plates were observed at the time of the inspection near sta. #442-443, #449-451, #453-454, #502, #629-630, #714-717, #719-720, #725-728, & #800-801. 5/15/08 | Continue to monitor areas. Mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 5/15/08 | Needs regular attention. |
| Erosion and Sediment Controls All active areas | Controls were removed from catch basins on state routes per the request of ConnDOT to improve drainage during winter conditions. Contractor plans to discontinue use of controls for the duration of the project and clean basins as necessary. 5/15/08 Slurry from saw cutting activities has the potential to enter catch basins. 5/15/08 | Since controls are no longer in place in the catch basins, attend to all sediment at the source and stabilize exposed soils as quickly as possible. Clean catch basins as necessary. 5/15/08 Prevent slurry from entering catch basins and sensitive areas by quickly attending to it as it is generated | Needs regular attention. Needs regular attention. |

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| Fairfield | <p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 5/15/08</p> | <p>during cutting 5/15/08</p> <p>Prevent dust migration by regularly watering down exposed soils and sweeping immediately. If exposed soils are not to be worked within 21 days, they should be stabilized within 7 days of the last activity. 5/15/08</p> | <p>NA at this time.</p> |
| Fairfield | <p>Temporary pavement and bituminous and/or crushed stone curbing remains near sta. # 462-464 and #502-503. 5/15/08</p> | <p>Continue to monitor the area. Sweep roadways as necessary to minimize tracking. 5/15/08</p> | <p>NA at this time.</p> |
| Bridgeport | <p>A minor amount of gravel and/or cold mix remains along the paved areas between sta. #475-480. 5/15/08</p> | <p>Sweep roadway to remove granular material from the pavement. 5/15/08</p> | <p>Needs attention. Continue to monitor.</p> |
| Bridgeport | <p>The work area near the intersection of Railroad Ave and Fairfield Ave (sta #719-720) has been backfilled with process material. Cones were placed to prevent vehicle from pulling off road and creating ruts (since 5/8) 5/15/08</p> | <p>Continue to monitor and provide final cover/restoration when feasible. 5/15/08</p> | <p>Temporary barriers were placed in efforts to prevent ruts here</p> |
| Kings Highway Lay-down Yard (Off Kings Highway, near Rt. 1 rotary) | <p>Some ruts were observed along the shoulder of Railroad Ave between Hancock Ave. and Howard Ave. (sta #737) likely due to regular traffic, not construction vehicles. This area remains backfilled with hard-pack but may need to be refreshed. 2/7-5/15/08</p> | <p>Refresh/add gravel or hard-pack along the shoulders of the roadway in this area to reduce the potential for rutting and tracking. Continue to monitor so crews can address specific problem areas as they arise. 1/31- 5/15/08</p> | <p>Needs attention. Continue to monitor.</p> <p><i>The city of Bridgeport is concerned about the condition here and crews were being requested to evaluate this area..</i></p> |
| Kings Highway Lay-down Yard (Off Kings Highway, near Rt. 1 rotary) | <p>Crushed stone remains in several areas throughout the yard to reduce tracking. Minor dust</p> | <p>Continue to monitor and maintain controls and sweep the roadway as necessary. Maintain crushed stone throughout</p> | <p>Needs regular attention.</p> |

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| | <p>migration was noted. 5/1-5/15/08</p> <p>Perimeter controls remain in place but some sections need repair. 3/20-5/15/08</p> | <p>the yard and limit the amount of material piled near controls. 5/1-5/15/08</p> <p>Controls need maintenance. 3/20-5/15/08</p> | <p>Needs attention</p> |
| <p>Inland Wetland and Watercourse encroachment and mitigation</p> | <p>The Kings Highway lay-down yard is located adjacent to potential resource areas and a concrete lined waterway. 5/15/08</p> <p>Ruts and some exposed soil were observed near the drainage swale (near sta. #480) along the roadway. The ruts have been re-graded and the crushed stone has been spread near the edge of the swale. 5/15/08</p> | <p>See Erosion and Sediment Controls section. 5/15/08</p> <p>Continue to monitor for effectiveness. 5/15/08</p> | <p>NA</p> <p>Area has been re-graded and crushed stone has been spread.</p> |
| <p>Staging, Storage, and Parking Areas</p> | <p>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. Debris material and old railroad ties, which have been stored within the yard, are being sorted and processed for disposal (since 4/3). 5/15/08</p> | <p>See Erosion Control and Spills and Material Storage sections. 5/15/08</p> | <p>NA</p> |
| <p>Soils</p> | <p>Soils are exposed as part of the excavation for trench, vault, and utility work. 5/15/08</p> <p>The previously exposed soil along the median near Rt. 1/Pequot Ave remains temporarily stabilized with mulch and seed and some vegetative growth was noted. 5/15/08</p> <p>An area of exposed soil</p> | <p>Most areas are temporarily stabilized. Soils appear to be handled appropriately. 5/15/08</p> <p>Continue to monitor the area until it is stabilized with vegetative cover. 5/1-5/15/08</p> <p>Re-grade and</p> | <p>NA</p> <p>Some grass cover was noted</p> <p>Needs attention when</p> |

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| | <p>remains near sta. #596 (vault #36) near the new sidewalk and parking lot. 3/13-5/15/08</p> <p>An area of exposed soil is adjacent to the work zone near sta. #649-650. Sediment tracking was not observed this week. A temporary sidewalk is in place. 5/15/08</p> | <p>appropriately stabilize the area. Install construction fencing or other barrier if problem persists. 3/13-5/15/08</p> <p>Work is complete in this area. Stabilize and seed the area when feasible. 5/15/08</p> | <p>feasible.</p> <p>Continue to monitor.</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. 5/15/08</p> | <p>None. 5/15/08</p> | <p>NA</p> |
| <p>Vegetative clearing (including trees to save or danger trees noted) or stabilization</p> | <p>The area along Pequot Ave. near sta. #495 is approximately 75% vegetated. 5/15/08</p> <p>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). 5/15/08</p> <p>A stone wall, fence, and shrubs had been removed from the work area at sta #503 per the D&M plan. The stone wall has been rebuilt. 5/15/08</p> | <p>Permanently stabilize any remaining exposed/ sparsely vegetated areas when feasible. 5/15/08</p> <p>Vegetation should be restored as necessary upon completion of work in these areas. 5/15/08</p> <p>Replace any removed shrubs per the D&M plan. 5/1-5/15/08</p> | <p>The median is approximately 75% vegetated.</p> <p>NA</p> <p>Needs evaluation/ final cover</p> |
| <p>Dewatering</p> | <p>Dewatering was not observed during this week's inspection. 5/15/08</p> <p>A dewatering basin remains on site near sta. #477. 5/15/08</p> | <p>Continue to properly contain and/or filter discharge water when dewatering is required. 5/15/08</p> <p>None. Restore the area when it is no longer needed. 5/15/08</p> | <p>NA</p> <p>NA</p> |
| <p>Spills and Material Storage</p> | <p>Spill cleanup materials/kits were observed in the storage</p> | <p>Ensure that spill kits are also present with each vehicle during active</p> | <p>NA</p> |

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| | yards. 5/15/08 | construction 5/15/08 | |
| Additional Observations | None. 5/15/08 | None. 5/15/08 | NA |

Next likely scheduled inspection: Thursday May 22, 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: Gregory Sommer, BSC Group

Reviewer: Diana Walden, BSC Group



Trenching work continues near sta. #453-454.



Work appears to be complete near sta. #477-480. A dewatering tank remains on site. A minor amount of gravel also remains along the roadway near the recently paved areas. Sweep as necessary.



Crushed stone previously piled along the drainage swale near sta. #481 has been spread out.



Vegetation is beginning to grow in the recently restored median area near sta. #495.