

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: January 11, 2008

Inspector: Margaret Washburn

Location: Westport Avenue to the Norwalk Substation in the City of Norwalk

Rain Event: 0.14” of precipitation was reported since the previous inspection, with 0.09” of the total recorded on 1/1. Rain was noted the day of inspection. (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. 1/11/08	See erosion control section for details on sediment tracking. 1/11/08	Not Applicable (NA)
Vault Openings and Trench Construction	Steel road plates were observed at the time of the inspection along the shoulder/sidewalk areas near sta. #462-464, vault 34, #791-792, #797-798, and #801-802. The area near sta. #503-504 has been grubbed in preparation for trenching. Active work zones near sta. #649-650, #695, and near vaults #46 and 47 were secured. 1/11/08	Continue to monitor areas. Temporarily stabilize areas as they are completed. Continue to sweep any sediment from roadways as soon as feasible. 1/11/08	NA
Erosion and Sediment Controls All active areas	Controls had to be removed from catch basins on Rt 1 per request of ConnDOT to improve drainage during winter conditions. 1/11/08 Elsewhere on the project route, filter fabric or filter socks are installed in	Since controls are not allowed in the catch basins on this roadway, attend to all sediment at the source and stabilize exposed soils as quickly as possible. 1/11/08 Continue to place a gutter buddy (or similar) in any catch basins with a	Needs regular attention. Most catch basins were protected. (proactively)

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	<p>most catch basins adjacent to the construction activities. 1/11/08</p>	<p>curb/gutter drop inlet to prevent sediment from entering basin. 1/11/08</p>	
	<p>Slurry from saw cutting activities has the potential to enter catch basins. Issues were not observed this week. 1/11/08</p>	<p>Prevent slurry from entering catch basins and sensitive areas by quickly attending to it as it is generated during cutting. 1/11/08</p>	<p>No issues noted but needs regular attention.</p>
	<p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 1/11/08</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. 1/11/08</p>	<p>NA</p>
<p>Fairfield</p>	<p>Minor ruts in the area near vault #37 (Fairfield Inn) remain stabilized with hay mulch. 1/11/08</p>	<p>The remainder of the area is stable. Continue to monitor for further issues. 1/11/08</p>	<p>NA at this time.</p>
<p>Bridgeport</p>	<p>An area of exposed soil is adjacent to the work zone near sta. #649-650. Tracking was not observed this week but remains a potential issue. A temporary sidewalk is in place. 1/11/08</p>	<p>Continue to contain work area and avoid traveling through the exposed soils. Stabilize sufficiently for winter months as soon as active work is complete. 1/11/08</p>	<p>Tracking was not observed this week. Needs attention when active work is complete.</p>
	<p>Minor tracking continues from off-road/shoulder areas along Railroad Ave. Contractors continue to place compacted gravel to address the issue. 1/11/08</p>	<p>Continue to sweep roadway where needed. Continue to monitor so crews can address specific problem areas as they arise. 1/11/08</p>	<p>Continue to monitor.</p>
	<p>Minor sediment tracking/migration continues along the shoulder of the roadway near sta. #801-803 (vault #49) (since 11/21). Active work areas were noted and crushed stone was placed over a portion of this area. 1/11/08</p>	<p>Sweep roadway when needed. Provide temporary stabilization when feasible. Continue to monitor area. 1/11/08</p>	<p>Crushed stone was applied here. Continue to provide attention and sweep.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Kings Highway Lay-down Yard (Off Kings Highway, near Rt. 1 rotary)</p>	<p>Perimeter controls remain in place. In past weeks, minor sediment tracking was observed near the entrance to the yard. Stone previously spread throughout the yard has been plowed into piles adjacent to the perimeter controls during snow removal activities. 12/31-1/11/08</p>	<p>Continue to monitor and maintain controls and sweep the roadway as necessary. Re-spread the crushed stone throughout the yard to reduce the potential for tracking and to limit the amount of material piled near controls. 12/31-1/11/08</p>	<p>Needs attention when feasible.</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. 1/11/08</p>	<p>See erosion control section. 1/11/08</p>	<p>NA</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. 1/11/08</p>	<p>See Erosion Control and Spills and Material Storage sections. 1/11/08</p>	<p>NA</p>
<p>Soils</p>	<p>Soils are exposed as part of the excavation for trench, vault, and utility work. 1/11/08</p> <p>A small stockpile off Rt. 1 Pequot Ave. is contained and stable. 1/11/08</p> <p>A small stockpile of soil near sta. # 503-504 was contained with silt fence. 1/11/08</p> <p>An area of exposed soil remains near #695. Contractors plan to pave the area in the spring. No tracking or issues were noted. 1/11/08</p> <p>Removal of soils affected by PCBs has resumed at sta #791-792 with environmental oversight.</p>	<p>Most areas are temporarily stabilized. Soils appear to be handled appropriately. 1/11/08</p> <p>Continue to monitor and maintain controls as necessary. 1/11/08</p> <p>Continue to monitor controls and grade or remove stockpile when feasible. 1/11/08</p> <p>Continue to monitor. Provide temporary or final stabilization within the approved timelines. 1/11/08</p> <p>Continue to follow established plan for removal with environmental oversight. 1/11/08</p>	<p>NA</p> <p>NA</p> <p>NA</p> <p>Needs attention within timelines.</p> <p>NA at this time.</p>

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	<p>1/11/08</p> <p>Soils near sta. #801-803 (vault #49) were partially covered with hard pack/ crushed stone but remain somewhat exposed. However, active work was noted here. 1/11/08</p>	<p>See erosion control section for more details. Provide temporary or final stabilization within the approved timelines. 11/21/07-1/11/08</p>	<p>Crushed stone was applied. Provide additional attention when work is complete.</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. 1/11/08</p>	<p>None.</p>	<p>NA</p>
<p>Vegetative clearing (including trees to save or danger trees noted) or stabilization</p>	<p>Sidewalk has been recently installed near sta. #596-598. Topsoil has been spread in some areas but remains exposed. 11/21/07-1/11/08</p> <p>Some portions of the trench work along Pequot Ave. remain un-vegetated but stable. 1/11/08</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). 1/11/08</p> <p>Equipment and materials belonging to crews working on Singer Substation were being stored between Main St. & Broad St. There is no sediment tracking at this time. 1/11/08</p>	<p>Stabilize exposed soils sufficiently for winter months within the appropriate timelines. Area has passed 21 days but now has snow cover. 1/11/08</p> <p>Permanently stabilize remaining exposed areas when feasible. 1/11/08</p> <p>Vegetation should be restored as necessary upon completion of work in these areas. 1/11/08</p> <p>UI and associated contractors have agreed to provide restoration to this area when work is complete. (not covered under this report). 1/11/08</p>	<p>Needs to be monitored and needs attention when thaw occurs.</p> <p>NA</p> <p>NA</p> <p>UI crews will be providing restoration here when their access needs are complete.</p>
<p>Dewatering</p>	<p>Dewatering activities discharging from a containment tank into a municipal sewer were observed at the time of the inspection at sta. #462-464. Clean water was observed overflowing from</p>	<p>Continue to properly contain and/or filter discharge water when dewatering is required. 1/11/08</p> <p>Attend to the overflow and avoid contact</p>	<p>NA</p> <p>Needs attention</p>

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	<p>the dewatering tank onto the soil surface, picking up minor amounts of sediment and washing them into the roadway. 1/11/08</p> <p>Dewatering to appropriate containment was observed at sta #791-792, where removal of PCB affected soil continues. 1/11/08</p>	<p>between clean dewatering discharge and exposed soil in order to prevent unnecessary turbidity. 1/11/08</p> <p>Continue to properly contain and/or filter discharge water when dewatering is required. 1/11/08</p>	NA
Spills and Material Storage	<p>Spill cleanup materials/kits were observed in the storage yards. 1/11/08</p> <p>Some of the minor debris noted near the entrance to the Kings Highway laydown yard has been removed. 1/11/08</p>	<p>Ensure that spill kits are also present with each vehicle during active construction 1/11/08</p> <p>Continue to remove and dispose of debris for appearances. 12/5/07-1/11/07</p>	<p>NA</p> <p>Some of the debris has been removed.</p>
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 appears to have been actively cleaned up or washed away by recent snow. 1/11/08</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. The project team was recently notified. 1/11/08</p>	<p>Not jurisdictional to this project.</p>

Next likely scheduled inspection:

Friday, January 18, 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: Margaret Washburn, BSC Group

Reviewer: Diana Walden, BSC Group



Dewatering from the frac tank was taking place near station #462-464. Clear water was observed overflowing from the containment tank onto the soil surface. This caused minor amounts of sedimentation to flow onto the roadway.



The area near station #503-504 has been grubbed to prepare for trenching. A pile of soil was contained with silt fence. No sediment tracking was observed in this area.



Exposed soil along the shoulder near sta. #801-803 had been partially covered with crushed stone. Further temporary stabilization should occur and roadway should be swept as needed.



Silt fence was present around the edge of the Kings Highway laydown yard. Turbidity was observed in puddles contained to site during a rain event. No sediment tracking was observed at the entrance to the laydown yard. Piles of stone had been created during snow clearing and should be spread within the yard.