

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: June 12, 2008

Inspector: Gregory Sommer

Location: Singer Substation to Fairfield/Westport Town Line

Rain Event: 0.60" of precipitation was reported since the previous inspection, with 0.26" recorded on 6/6 and 0.27" recorded on 6/8 (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. 6/12/08	See erosion control section for details on sediment tracking. 6/12/08	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 (Sasco Creek bridge crossing), #463-464, #492, #502, #512, #513, #514-517, #519, #629-631, #646-648, #715, & #717-719. 6/12/08 Electrical contractor was working at vault #47. 6/12/08	Continue to monitor areas. Mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 6/12/08 None. 6/12/08	Needs regular attention. NA
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	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. CB controls should still be considered- see below.	Needs regular attention.

Areas of Inspection	Observation	Recommended Action	Corrected Action
Fairfield	<p>necessary. 6/12/08</p> <p>Slurry from saw cutting activities has the potential to enter catch basins. A minor amount of residual slurry was observed on the pavement near sta. #640. 6/12/08</p>	<p>6/12/08</p> <p>Prevent slurry from entering catch basins and sensitive areas by quickly attending to it as it is generated during cutting. 6/12/08</p>	<p>Needs regular attention.</p>
	<p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 6/12/08</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. 6/12/08</p>	<p>NA</p>
	<p>Temporary pavement and bituminous and/or crushed stone curbing remains near sta. #462-464 and #502-503. 6/12/08</p>	<p>Continue to monitor the area. Sweep roadways as necessary to minimize tracking. 6/12/08</p>	<p>NA at this time.</p>
Bridgeport	<p>Crews were trenching near sta. #462-464 to realign the conduit. The site was very muddy but generally well contained. A minor amount of sediment had been tracked onto Old Post Road (Rte 1) from vehicles as they exited the median area. A minor amount of sediment laden runoff was flowing along the curblin and into the downstream catchbasin. 6/6-6/12/08</p>	<p>Sweep roadways as necessary to minimize tracking. Install erosion controls measures to reduce the potential for sediment-laden runoff to enter the catch basin. Continue to monitor the area. 6/6-6/12/08</p>	<p>Needs attention.</p>
	<p>A minor amount of gravel/ cold mix had accumulated in the area of the steel plates near sta. #716-718. The roadway appeared to have been recently swept. 6/12/08</p>	<p>Continue to sweep roadway to remove granular material from the roadway. 6/12/08</p>	<p>Roadway appeared to have been swept. Continue to monitor.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Kings Highway Lay-down Yard (Off Kings Highway, near Rt. 1 rotary)</p>	<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) 6/12/08</p>	<p>Continue to monitor and provide final cover/ restoration when feasible. 6/12/08</p>	<p>Temporary barriers were placed in efforts to prevent ruts here</p>
	<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- 6/12/08</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- 6/12/08</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>
	<p>Some sections of the perimeter silt fence are in need of repair in area where materials have been placed/spilled on the fence. The small stockpile that was dumped on top of the silt fence in one area near the NW corner of the yard has been removed but the silt fence still needs to be restored. 6/6-6/12/08</p> <p>Crushed stone has been spread in several areas throughout the yard to reduce tracking. However, sediment tracking was still a minor issue. Dust issues were also observed at the time of the inspection. 6/12/08</p>	<p>Continue to monitor and maintain controls as necessary. Remove encroaching materials from the perimeter controls and restore silt fence in all areas. 6/6-6/12/08</p> <p>Maintain crushed stone throughout the yard to reduce the potential for tracking, dust migration, and limit the amount of material piled near controls. Apply water or calcium chloride over the surface of the yard as necessary to control dust migration. 6/12/08</p>	<p>Needs attention.</p> <p>Needs regular attention.</p>
<p>Inland Wetland and Watercourse encroachment and</p>	<p>The Kings Highway lay-down yard is located adjacent to potential</p>	<p>See Erosion and Sediment Controls section. 6/12/08</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
mitigation	resource areas and a concrete lined waterway. 6/12/08		
Staging, Storage, and Parking Areas	A contractor lay-down yard is located off of Kings Highway near the Rt. 1 rotary. This is being used for both 4a and 4b activities. Reserve spill kits are located near the equipment trailers. Additional soil and debris material has been mixed with the previously sorted railroad tie debris. A tarp has been placed over this stockpile. 6/12/08	See Erosion and Sediment Controls section for more information. 6/12/08 Watch encroachment of materials beyond the perimeter controls in the yard. 6/12/08	See erosion control section.
Soils	Soils are exposed as part of the excavation for trench, vault, and utility work. 6/12/08 An area of exposed soil remains near sta. #596 (vault #36) near the new sidewalk and parking lot. 3/13-6/12/08 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. 6/12/08	Most areas are temporarily stabilized. Soils appear to be handled appropriately. 6/12/08 Re-grade and appropriately restore the area. 3/13-6/12/08 Work is complete in this area. Stabilize and seed the area when feasible. 6/12/08	NA Needs attention. Needs attention when feasible Continue to monitor.
State species of concern, threatened and endangered species.	According to the D&M plan, state-listed species are not located in this work area. 6/12/08	None. 6/12/08	NA
Vegetative clearing (including trees to save or danger trees noted) or stabilization	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). 6/12/08	Vegetation should be restored as necessary upon completion of work in these areas. 6/12/08	NA
Dewatering	Dewatering was observed during this week's	Continue to properly contain and/or filter	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	inspection at sta. #463. A small amount of turbid run-off is still reaching the catch basin in the roadway here. 6/12/08	discharge water when dewatering is required. Consider proactive controls in adjacent catch basins when dewatering is scheduled. 5/29-6/12/08	
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yards. 6/12/08	Ensure that spill kits are also present with each vehicle during active construction 6/12/08	NA
Additional Observations	None. 6/12/08	None. 6/12/08	NA

Next likely scheduled inspection: Friday June 20, 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



In the King's Highway lay-down yard, soil and additional debris material has been mixed with the railroad tie debris which had been previously sorted for disposal. A tarp has been placed over the stockpile.



Trenching continues near sta. #463. Dewatering was ongoing at the time of the inspection. The site was very muddy but generally well contained.



Trenching and conduit bank installation continue near sta. #514-517.