

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: April 17, 2008

Inspector: Gregory Sommer

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

Rain Event: 0.32" of precipitation was reported since the previous inspection with 0.26" recorded on 4/12 (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. 4/17/08	See erosion control section for details on sediment tracking. 4/17/08	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. #442-445, #456-458, #472-474, #479-482, #566, #718, & #720-723. 4/17/08 Electrical contractors were working at vault #40 & #41. 4/17/08	Continue to monitor areas. Mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 4/17/08 See Dewatering section for details on vault #40. 4/17/08	Needs regular attention. See Dewatering section.
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. 4/17/08 Slurry from saw cutting	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. 4/17/08 Prevent slurry from entering	Needs regular attention. Sta # 476-478 needs

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Fairfield	<p>activities has the potential to enter catch basins. Residual dried slurry/ dust from saw cutting was observed along the roadway between sta. #476-478 and was being tracked in some areas. 4/17/08</p>	<p>catch basins and sensitive areas by quickly attending to it as it is generated during cutting. Sweep the dried slurry in this area. 4/17/08</p>	<p>attention.</p>
	<p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 4/17/08</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. 4/17/08</p>	<p>NA</p>
	<p>Silt fence remains in place along the curb line near sta. #495 in the median area. Even though minor ruts were regraded, large area of soil still remains exposed. 4/17/08</p>	<p>Either temporarily stabilize or permanently restore the exposed soils within the appropriate timelines (since 3/20). Sweep the curb area if needed 4/17/08</p>	<p>Additional work is needed to stabilize exposed soils per D&M timelines</p>
Bridgeport	<p>Hay mulch has been applied to stabilize the exposed soil near sta #502-503. Temporary pavement and bituminous and/or crushed stone curbing remains here and near sta. # 462-464. 4/17/08</p>	<p>Ensure soils are contained to the work area and monitor for final stabilization. Sweep roadways as necessary to minimize tracking. 4/17/08</p>	<p>NA at this time.</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. 2/7-4/17/08</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. 1/31-4/17/08</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>No construction-related sediment issues were noted near the active</p>	<p>None at this time. Continue to monitor and sweep as needed. 4/17/08</p>	<p>NA at this time.</p>

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<p>Kings Highway Lay-down Yard (Off Kings Highway, near Rt. 1 rotary)</p>	<p>work on Railroad Ave. this week. 4/17/08</p> <p>Crushed stone remains in several areas throughout the yard to reduce tracking. Sediment tracking was not observed. 4/17/08</p> <p>Perimeter controls remain in place but some sections need repair. 3/20-4/17/08</p>	<p>Continue to maintain controls and sweep the roadway as necessary. 4/17/08</p> <p>Controls need maintenance. 3/20-4/17/08</p>	<p>NA at this time.</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. 4/17/08</p> <p>Crushed stone was previously placed along a drainage swale near sta. #480. The minor amount of stone was inadvertently pushed past the controls and into the adjacent channel (4/3), has now been removed. 4/17/08</p>	<p>See Erosion and Sediment Controls section. 4/17/08</p> <p>Continue to monitor. 4/17/08</p>	<p>NA</p> <p>The crushed stone inadvertently placed in the channel has been removed.</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. 4/3-4/17/08</p>	<p>See Erosion Control and Spills and Material Storage sections. 4/17/08</p>	<p>NA</p>
<p>Soils</p>	<p>Soils are exposed as part of the excavation for trench, vault, and utility work. 4/17/08</p> <p>Exposed soil noted along the median near Rt. 1 Pequot Ave. The topsoil has</p>	<p>Most areas are temporarily stabilized. Soils appear to be handled appropriately. 4/17/08</p> <p>Continue to monitor the area. Stabilize the exposed soils within the</p>	<p>NA</p> <p>Exposed soil needs attention.</p>

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	<p>been spread and the area restored, but the exposed soil still needs to be stabilized. Silt fence remains along curb line on down-gradient side of the median. 3/20-4/17/08</p> <p>An area of exposed soil remains near sta. #596 (vault #36) near the new sidewalk and parking lot. A vehicle recently drove through the area leaving minor ruts and tracking a minor amount of material into the parking lot. 3/13-4/17/08</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. 4/17/08</p>	<p>appropriate timelines 3/20-4/17/08</p> <p>Re-grade and appropriately stabilize the area. Monitor for final stabilization. Install construction fencing or other barrier if problem persists. 3/13-4/17/08</p> <p>Work is complete in this area. Stabilize and seed the area when feasible. 4/17/08</p>	<p>Needs attention when 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. 4/17/08</p>	<p>None. 4/17/08</p>	<p>NA</p>
<p>Vegetative clearing (including trees to save or danger trees noted) or stabilization</p>	<p>Some portions of the trench work along Pequot Ave. remain un-vegetated but stable. 4/17/08</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). 4/17/08</p> <p>A stone wall, a fence and some shrubs had been removed from the work area at sta #503 per the D&M plan. The stone wall has been rebuilt. 4/17/08</p>	<p>Permanently stabilize remaining exposed areas when feasible. 4/17/08</p> <p>Vegetation should be restored as necessary upon completion of work in these areas. 4/17/08</p> <p>Replace any removed shrubs per the D&M plan. 4/17/08</p>	<p>NA</p> <p>NA</p> <p>NA</p>

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Dewatering	<p>Dewatering was observed at sta. #481-482 during this week's inspection. 4/17/08</p> <p>Electrical contractor was observed dewatering at vault #40. The discharge was directed over the pavement and appeared to be collecting sediment. 4/17/08</p>	<p>Continue to properly contain and/or filter discharge water when dewatering is required. 4/17/08</p> <p>When dewatering stormwater from contained vaults, discharge directly into adjacent catch basins when feasible and avoid discharging over areas where the water can pick up sediment and turbidity. 4/17/08</p>	<p>NA</p> <p>Needs attention</p>
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yards. 4/17/08	Ensure that spill kits are also present with each vehicle during active construction 4/17/08	NA
Additional Observations	None. 4/17/08	None. 4/17/08	NA

Next likely scheduled inspection: Thursday April 24, 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



A small area of silt fence is in need of repair near the west side of the Kings Highway Lay-down yard.



Dried slurry/dust generated from saw cutting activities near sta. #476-478 remains over the roadway and was being tracked in some areas. Sweep as needed.



Crushed stone that was inadvertently pushed into a drainage channel a few weeks ago, has been removed.



Trenching/backfilling work continues near sta. #481-482.