

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: February 27, 2008

Inspector: Margaret Washburn

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

Rain Event: 1.03” of precipitation was reported since the previous inspection with 0.53” recorded on 2/22 and 0.49” recorded on 2/26 (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. 2/27/08	See erosion control section for details on sediment tracking. 2/27/08	Not Applicable (NA)
Vault Openings and Trench Construction	Trenching activities and/or steel road plates were observed at the time of the inspection near sta. 486-488, #491-493, #564-565, #681-682, & #799-800. The area of vault #42 was paved. 2/27/08	Continue to monitor areas. Mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 2/27/08	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 on all roadways during winter months. 2/27/08	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. 2/27/08	Needs regular attention.
	Slurry from saw cutting activities has the potential to enter catch basins. 2/27/08	Prevent slurry from entering catch basins and sensitive areas by quickly attending to it as it is generated during cutting. 2/27/08	No issues noted but needs regular attention.

Areas of Inspection	Observation	Recommended Action	Corrected Action
Fairfield	<p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 2/27/08</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. 2/27/08</p>	NA
	<p>The area near sta. # 462-464 was temporarily stabilized with processed material. Crushed stone remains in place to form temporary curbs. Minor sediment tracking was observed during the inspection. 2/27/08</p>	<p>Continue to monitor the area. Sweep roadways as necessary to minimize tracking. 2/27/08</p>	NA at this time.
	<p>The catch basin near sta. #493 – 494 that received turbid run-off several weeks ago was not cleaned yet. Controls remain in place. 2/7-2/27/08 A crew worker was sweeping sediment off the roadway during the inspection. 2/27/08</p>	<p>Continue to monitor the area. Sweep roadway as necessary Adjust controls as necessary to avoid future impacts. Vacuum the affected catch basin when work has been completed in the area and continue to monitor. 2/27/08</p>	Needs attention when adjacent work is complete. Continue to routinely sweep roadway
	<p>Equipment continues to be stored on the median near sta. #496 – 497. Minor ruts were observed in the area and a minor amount of sediment was observed on the roadway and along the curb line. Crews appear to be attending to the sediment at the end of the work day. 2/21-2/27/08</p>	<p>Mulch should be placed on exposed soil for temporary stabilization. Place crushed stone in areas used for parking. Full restoration will be required when access needs are complete.. 2/21-2/27/08</p>	Continue to routinely sweep roadway. Needs additional stabilization.
	<p>Minor ruts in the area near vault #37 (Fairfield Inn) remain stabilized with hay mulch. 2/27/08</p>	<p>The remainder of the area is stable. Continue to monitor for further issues. 2/27/08</p>	NA at this time.
	<p>At sta. #503-504, soils remain exposed but stable. Pavement remains temporarily patched with a temporary bituminous</p>	<p>Ensure soils are contained to the work area. Sweep roadways before the end of a work day as necessary to minimize</p>	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Bridgeport</p> <p>Kings Highway Lay-down Yard (Off Kings Highway, near Rt. 1 rotary)</p>	<p>curb. 2/27/08</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. 2/7-2/27/08</p> <p>All trenching has been completed near sta. #799-800. Steel plates were observed. 2/27/08</p> <p>Perimeter controls remain in place. Stone previously spread throughout the yard has been plowed into piles adjacent to the perimeter controls during snow removal activities. 12/31-2/27/08</p> <p>Minor sediment tracking was noted this week. 2/14-2/27/08</p>	<p>.tracking 2/27/08</p> <p>Refresh/add gravel or hard-pack along the shoulders of the roadway to reduce the potential for rutting and tracking. Continue to monitor so crews can address specific problem areas as they arise. 1/31-2/27/08</p> <p>None. 2/27/08</p> <p>Continue to monitor and maintain controls and sweep the roadway as necessary. Spread the crushed stone throughout the yard to reduce the potential for tracking and to limit the amount of material piled near controls. 12/31-2/27/08</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>NA at this time. The work area is temporarily stable.</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. 2/27/08</p>	<p>See Erosion and Sediment Controls section. 2/27/08</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. 2/27/08</p> <p>Materials and construction debris remain throughout the median area near sta. #495. 2/27/08</p>	<p>See Erosion Control and Spills and Material Storage sections. 2/27/08</p> <p>Minimize the amount of construction materials and debris being stored in the work area. 2/27/08</p>	<p>NA</p> <p>Needs attention.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Soils</p>	<p>Soils are exposed as part of the excavation for trench, vault, and utility work. 2/27/08</p> <p>Crushed stone has been installed to stabilize previously exposed soil in the parkway area near sta. #482. 2/27/08</p> <p>A small stockpile off Rt. 1 Pequot Ave. is contained and stable. 2/27/08</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. 2/7-27/08</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. 2/27/08</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. 2/27/08</p>	<p>Most areas are temporarily stabilized. Soils appear to be handled appropriately. 2/27/08</p> <p>Continue to monitor and maintain controls as necessary. 2/27/08</p> <p>Continue to monitor and maintain controls as necessary. 2/27/08</p> <p>Re-grade and appropriately stabilize the area for winter months. Install construction fencing or other barrier if problem persists. 2/7-27/08</p> <p>Work is complete in this area. Stabilize sufficiently for winter months. 2/27/08</p> <p>Continue to monitor. Provide temporary or final stabilization within the approved timelines. 2/27/08</p>	<p>NA</p> <p>Crushed stone has been placed in this area</p> <p>NA</p> <p>Needs attention.</p> <p>Continue to monitor.</p> <p>Needs attention within timelines.</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. 2/27/08</p>	<p>None. 2/27/08</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. 2/27/08</p> <p>Two trees were removed</p>	<p>Permanently stabilize remaining exposed areas when feasible. 2/27/08</p> <p>Vegetation should be</p>	<p>NA</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>near sta. #462 in accordance with the D&M Plan (3/27/07). One tree was removed near vault #42 (7/25/07). 2/27/08</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. Stones from the wall were stockpiled in the homeowner's yard. 2/27/08</p>	<p>restored as necessary upon completion of work in these areas. 2/27/08</p> <p>When work is complete, restore the stone wall per the D&M plan. 2/27/08</p>	NA at this time.
Dewatering	Dewatering was observed near sta. #491-493. 2/27/08	Continue to properly contain and/or filter discharge water when dewatering is required. 2/27/08	Dewatering was being handled appropriately.
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yards. 2/27/08	Ensure that spill kits are also present with each vehicle during active construction 2/27/08	NA
Additional Observations	Railroad Ave. was closed at the intersection of Howard Ave, apparently for municipal sewer work. 2/27/08	None. 2/27/08	NA

Next likely scheduled inspection: Thursday, March 6, 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



At sta. 491-493 on Pequot Avenue, dewatering and trenching were in progress.



Near the corner of Pequot Avenue and Old Post Road, stone has been installed to stabilize previously exposed soil near the bank parking lot.



Vault #42 has been paved near Fairfield Avenue in Bridgeport.



Trenching has been completed at stations 799-800. Steel plates were in place while no active work was in progress.