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 2b Inspection

Date: June 22, 2007

Inspector: Matt Kelly

Location: Segment 2b – Cheshire/Hamden Town Line to East Devon Substation

Rainfall: 0.30" of precipitation was recorded in the week since the last inspection, with 0.16" of the total reported on 6/16 (NOAA data at New Haven, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways Milford, CT, Orange CT, Woodbridge CT,	Clearing and access road construction appears to be complete in these	Continue to monitor active work areas and add controls as necessary. See	Not Applicable (NA)
Bethany CT, and Hamden CT	sections at this time. 6/22/07	EC section. 6/22/07	
All access roads	Stone pads remain in place at all entrances to access roads. 6/22/07	Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 6/22/07	Active areas need regular attention
	Mats remain at the wetland crossings in these sections. 6/22/07	Continue to monitor. 6/22/07	NA
	"Silt saks" (or similar) remain intact within catch basins located in the vicinity of the constructed access roads. Silt sak fabric was pulled over the curb drop inlet at those catch basins located immediately adjacent to the constructed access roads. 6/22/07	Continue to monitor and evaluate methods to protect the curb drop inlet and prevent sedimentation as needed. See Erosion Control Section for more detail. 6/22/07	CB controls in place. Improve as necessary.
Willow Street, Old Lane Rd (Hamden, CT)	Overhead access road construction continues in this area. Access road has been stabilized with	Continue to monitor and add controls as necessary. See EC Section. 6/22/07	NA at this time

Areas of Inspection	Observation	Recommended Action	Corrected Action
	stone. 6/22/07 Access road construction was noted off Willow St, but no active work was observed this week. 6/22/07	Continue to monitor. See EC Section. 6/22/07	NA at this time
	A small section of ROW between Tom Swamp/ Arrow Rd and Brooksvale has yet to be accessed. 6/22/07	None at this time. 6/22/07	NA
Foundation and site construction Milford , CT	With the exception of a few areas in Hamden (see below), foundation work continues within the ROW off Naugatuck Ave, Caswell Street, and Plains Road. Structure installation continues. 6/22/07	Continue to monitor active work areas. See EC Section. 6/22/07	NA at this time.
Orange, CT	Foundation work continues within the ROW off Dogburn Rd, but appears to be complete in all other sections. Timber mat and stone crane pads remain in place. Structure installation continues. 6/22/07	Continue to monitor active work areas. See EC Section. 6/22/07	NA at this time
Woodbridge, CT SCCRWA (Glen Dam Reservoir) to Morris Rd, Oak Lane CC, B'Nai Jacob, Cowpath Ln, Ansonia Rd, and Manville Rd	Foundation drilling/pouring continues in these sections. Stone crane pads remain. 6/22/07.	Continue to monitor. See Dewatering and EC Sections. 6/22/07	NA at this time
Pease Rd, Woodbine Rd, Clark St, Salem Rd, Brookwood Dr Rimmon Rd	Foundation work appears to be complete in these sections. Stone crane pads remain. 6/22/07	None at this time. See Dewatering and EC Sections. 6/22/07.	NA at this time
JCC	Foundation work has not yet begun, but stone and timber mat crane pads have been constructed/ installed here. 6/22/07	Continue to monitor. See Dewatering and EC Sections. 6/22/07	NA at this time

Areas of Inspection	Observation	Recommended Action	Corrected Action
Bethany,CT Morris (Hamden) to Hatfield, Downs Road to West Todd (Hamden)	Foundation work has not yet begun, but crane pads have been constructed in these sections. 6/22/07	Continue to monitor. See Dewatering and EC Sections. 6/22/07	NA
Hoadley Rd and Hatfield to Raccio	Foundation work appears to be complete in these sections. 6/29/07	None at this time. 6/22/07	NA
Hamden,CT Tom Swamp/Arrow Road, West Todd Street, Brooksvale Ave, Willow Street, and Old Lane Rd	Foundation work has not yet begun, but stone pads have been constructed in most sections. Timber mat crane pads were installed in the wetland areas. 6/22/07	Continue to monitor. See Dewatering and EC Sections. 6/22/07	NA
Erosion and sediment controls All work areas	Roots have been retained in most cleared areas to maintain some soil stability. Crews have made good efforts to temporarily stabilize most disturbed areas with hay mulch. When work occurs in or adjacent to wetlands, timber mat crane pads are in place with erosion controls along the edge. 6/22/07	None. Continue to temporarily stabilize disturbed soils as necessary. 6/22/07	NA
Milford, CT West River Street	Portions of the wetland along the edge of the crane pad work area were disturbed in previous weeks. Controls are in place.	All equipment should remain within the limits of the crane pad/work area and wetland areas should be restored if/when feasible. Continue to monitor. 6/22/07	Disturbed wetland areas should be restored if/when feasible
Route 121	Silt fence check dams are in disrepair due to previous storm events. The silt fence at the wetland edge is also in need of repair, but this area appears to be stabilized with vegetation (east). 6/22/07	Continue to monitor and maintain as necessary. 3/23- 6/22/07	Needs proactive attention when feasible
Wheelers Farm Road	Snow and sediment were piled on the silt fence due to snow clearing (east)	Continue to monitor. Silt fence needs repair. Any remaining sediment	Silt fence and stockpiles need proactive attention

Areas of Inspection	Observation	Recommended Action	Corrected Action
	3/19-5/3/07. Silt fence may need to be extended near the wetland, downgradient of the dewatering area here. 3/23-5/3/07. The stockpile near the road is not covered. 4/13- 6/22/07	needs to be pulled back to the work side of the fence. See Dewatering Section. 3/23-5/3/07. All inactive stockpiles should be covered.6/22/07	
Orange, CT Russell Ave	Some ruts remain within the ROW here. Soils are too soft to support equipment. 11/20- 6/22/07	Stabilize soil (tracks) as it becomes necessary. 11/20-6/22/07	NA at this time
Sunset Dr, Overland Dr, and Treat Lane	All spoil piles are on liners and remain partially covered with plastic in these sections. The plastic covering should be adjusted in some areas. 2/16-6/22/07	Adjust plastic on spoil piles as needed. 2/16- 6/22/07	NA at this time
Racebrook Rd	Silt fence is in need of repair along the edge of the crane pad at the wetland off Racebrook Rd. 3/23- 6/22/07	Repair and maintain controls as necessary. 2/22-6/22/07	Needs proactive attention when feasible
Edward Court	Some of the mulch was washed downlsope at the disturbed area, but the haybales and silt sak continue to protect the catch basin here. 2/22- 6/22/07	Continue to monitor. Additional stabilization measures may be necessary here. Re-apply mulch in this area if needed. 2/22-6/22/07	Needs some attention
Hunting Hill Road	The majority of the silt fence remains intact at the matted wetland here. Snow was piled on the fence near the southeastern corner of the mat the week of 3/23. 6/22/07	Continue to monitor. Silt fence needs repair. Any remaining sediment needs to be pulled back to the work side of the fence. 3/23-6/22/07	Needs proactive attention when feasible
Woodbridge, CT JCC	Silt fence remains along the stream and wetland area. Hydro-seed was applied to the remaining disturbed areas. Grass	Continue to monitor for stabilization and adjust controls as necessary. 6/22/07	Grass growth was noted

Areas of Inspection	Observation	Recommended Action	Corrected Action
	growth was noted this week. 6/22/07		
B'Nai Jacob	Ruts were graded and disturbed areas were seeded and mulched for temporary stabilization last week. Grass growth was noted. 4/27-6/22/07	Monitor for stabilization and continue to use mats where necessary to reduce overall soil disturbance. 6/22/07	Ruts have been graded and disturbed soils have been mulched and seeded. Grass growth was noted.
Salem Rd	Ruts were noted in the upland portion of the ROW here last week. Soils were too soft to support equipment here 6/22/07	Stabilize soil (tracks) as it becomes necessary and continue to use mats where necessary to reduce soil disturbance. 6/22/07	Needs attention when feasible
Manville Rd and Ansonia Rd	Timber mats and erosion controls are in place in these sections. Slurry was poured directly onto the timber mat crane pad within the wetland off Manville this week. 6/22/07	Continue to monitor and adjust controls as work continues here. Slurry should be removed from the crane pad and proper controls should be used from this point forward. See Dewatering Section. 6/22/07	Needs attention
	Concrete was washed into containment bins within the ROW off Ansonia Rd this week.	Continue to monitor. None at this time. 6/22/07	Concrete was washed into containment bins
Hamden,CT Tom Swamp Rd/Arrow Rd	Temporary culverts are in place within the access roads here. Stone sediment traps and haybale check dams remain at the outlets. Sediment accumulation was noted within the stone trap at the 2 nd culvert outlet off Tom Swamp (east). 3/30- 6/22/07	Continue to monitor and add/maintain controls as necessary. Remove sediment to restore capacity and function here when needed. 3/30-6/22/07	Proper controls are in place but needs proactive attention
West Todd Street	Controls are in place at the water bar and culvert outlets but sediment from past rain events remains in the adjacent upland areas. 6/22/07	Continue to improve controls at the water bar outlets and stabilize remaining sediment to prevent potential sedimentation off site. 6/22/07	Needs proactive attention

Areas of Inspection	Observation	Recommended Action	Corrected Action
	In approximately three areas, stormwater pooled along the perimeter controls and filtered though as concentrated flow off the ROW (4/27/07). This only occurs during large rain events and wetland resource areas were not affected by this off site flow. 6/22/07	Monitor during large rain events and investigate additional solutions to prevent stormwater conveyances off site. Although good efforts were made to control stormwater flow, continue to improve the on-site containment. 6/22/07.	Good efforts were made but needs additional evaluation
	A gap was noted between the haybales of the check dam at the culvert outlet off West Todd (east). Some sediment accumulation from a previous rain event was noted in the adjacent wetland. 6/22/07	Repair and reinforce controls. Carefully remove sediment from wetland if it is greater than 2" in depth. 4/20- 6/22/07.	Needs attention
Brooksvale Ave.	Controls are in place along the newly constructed access road and hay mulch was applied to disturbed soils. A new access point was constructed here as well (see Access Section). 6/22/07	Monitor and add controls as necessary. 6/22/07	Erosion controls were installed proactively. Mulch was applied to disturbed soils for temporary stabilization.
Old Lane Rd	The overhead access road has been stabilized with stone and hay mulch was applied to disturbed soils. 6/22/07	Monitor and add controls as necessary. 6/22/07	Access road was stabilized with stone and hay mulch was applied to disturbed soils for temporary stabilization
	The "silt-sak" remains intact within the adjacent catch basin, but curb inlet protection has not yet been provided. 6/22/07	Since this access road is now active due to new overhead work in this section, curb inlet protection should be provided. 6/22/07	Needs attention
	Silt fence and haybales remain at the intersection of the access road and Old Lane Rd. 6/22/07	Monitor and adjust controls as necessary. 6/22/07	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Inland Wetland and Watercourse encroachment and mitigation	The ACOE permit is in hand and approved wetland work continues. 6/22/07	Follow general guidelines of the permit whenever work in wetlands occurs. 6/22/07	NA
Milford, CT Rt 121 and Oronoque (east)	Timber mat crane pads remain adjacent to/in wetlands in these sections. 6/22/07	Continue to monitor. Add controls as necessary. 6/22/07	NA at this time
West River Street and Eisenhower Park	A stone access road remains within the wetland accessed from West River Street. Timber mat crane pads remain within the wetland areas in these sections. 6/22/07	Continue to monitor and add controls as necessary. 6/22/07	NA at this time
East Rutland Road (western access point)	A stone access road remains at the wetland crossing off East Rutland. An existing stone culvert was already in place here. 6/22/07	Continue to monitor. Install controls as necessary. 6/22/07	NA at this time
Orange, CT Sunset Drive, Pine Tree Rd (east), Treat Lane, Lambert Rd, Russell Ave, Hunting hill Road, Racebrook Rd, and Route 34	Timber mat crane pads remain at the wetland areas here. A stone wetland crossing is in place at Lambert Rd and Treat Lane. 6/22/07	Continue to monitor. 6/22/07	NA at this time.
Woodbridge, CT Pease Road/JCC/B'Nai Jacob	Mats remain in the potential wetland area near Pease Road. 6/22/07	Continue to monitor. The contractor states that this wetland was removed from the most recent version of the D&M plan, but flags were staked in the field. 6/22/07	NA at this time
	The wetland areas near the JCC and B'Nai Jacob have been cleared as a result of the permitted re- location of the ROW. Stone access roads were constructed through portions of the wetlands in these sections. 6/22/07	Continue to monitor. Adjust controls as necessary. 6/22/07	NA at this time

Areas of Inspection	Observation	Recommended Action	Corrected Action
	Equipment was parked within 100 feet of the wetland near structure #3919 last week. No spills or leaks were noted. 6/22/07	All construction vehicles should be parked at least 100' from a wetland or waterbody when feasible. 6/22/07	Vehicle was moved away from the wetland area
Oak Lane CC, Cow Path Lane, Salem Rd, Rimmon Rd, Ansonia Rd, Brookwood Dr, Center Rd, and Manville Rd	Timber mat crane pads remain within the wetlands in these sections. 6/22/07	Continue to monitor. 6/22/07	NA at this time
	A vehicle was parked on the crane pad within a wetland area off Manville Road this week. No spills or leaks were observed. 6/22/07	All construction vehicles should be parked at least 100' from a wetland or waterbody when feasible. 6/22/07	Vehicle should be moved away from the wetland area as soon as possible
Bethany, CT (Morris to Hatfield)	A stone access road and timber mats have been constructed/installed in the wetland areas in this section. 6/22/07	Continue to monitor. 6/22/07	NA at this time
Hamden,CT West Todd St and Tom Swamp/Arrow Rd	Temporary stone access roads and timber mats remain in some of the wetland areas in these sections. 6/22/07	Continue to monitor. 6/22/07.	NA at this time
115-kV underground transmission line/Old Lane Rd	The overhead access road was stabilized, but the water within the wetland remains turbid. 6/22/07	Monitor during next large rain event. Evaluate sediment accumulation within the adjacent wetland. Carefully remove sediment from the wetland if it is greater than 2" in depth. 6/22/07	Needs evaluation
State species of concern, threatened and endangered species.	According to the D&M plan, Wood Turtles are known to occur near the Wepawaug River at Eisenhower Park. Active work is currently occurring in this area. 4/5-6/22/07	Since wood turtles are no longer dormant and active work is occurring here, field crews should receive the appropriate training in the recognition and removal of individual wood turtles from the construction area. 4/5-6/22/07	Contractors stated that field crews have received the appropriate training and sweeps are occurring.

Areas of Inspection	Observation	Recommended Action	Corrected Action
Vegetative clearing or stabilization All active roads	Vegetative clearing was noted within the ROW. Most species were invasive and were removed. "Hedgerows", including cedars and similar short tree species were retained along the ROW where feasible. Select shrubs, especially those adjacent to wetlands, also remain in most areas. 6/22/07	Continue to retain appropriate vegetation for stabilization. Retain as much vegetation as possible for screening. Confirm that clearing/cutting is limited only to areas defined in D&M plan. Provide as much buffer as possible for homeowners. 6/22/07	NA
Milford , CT	Clearing appears to be complete in all sections at this time. Small trees and shrubs were retained where feasible. 6/22/07	None at this time. 6/22/07	NA
Orange, CT Orange Center Rd, Sunset Dr, Ridge Rd, and Hunting Hill Place	Clearing appears to be complete in all sections at this time. Wood chips near the cul-de-sac off Hunting Hill Place are currently piled in a "depression" in the ROW and other piles were noted off Ridge Road and Route 152. 1/11-6/22/07	Piles need to be either removed from the ROW or spread in appropriate upland areas to a depth of 3" or less. 1/11-6/22/07	Needs attention when feasible.
Woodbridge, CT Pease Road/JCC Bypass, B'Nai Jacob, SCCRWA (Glen Dam Reservoir) Dillon Rd to Morris Rd, Manville Road, Ansonia	Clearing appears to be complete in these sections at this time. Small trees and shrubs were retained where feasible. 6/22/07	None at this time. 6/22/07	NA
Rd, Rimmon Rd (west), Salem Rd, Brookwood Dr, Center Rd and Cowpath Lane	A wood chip pile, approximately 3 feet deep, is located along the access road off Pease road. 6/22/07	Piles need to be either removed from the ROW or spread in appropriate upland areas to a depth of 3" or less. 6/22/07	Needs attention when feasible
Bethany, CT Morris to Hatfiled, Downs Rd, Hoadley Rd, and Hatfield to Raccio Dr	Clearing appears to be complete in these sections. Small trees and shrubs were retained where feasible. 6/22/07	Continue to monitor. 6/22/07	NA
Hamden, CT Tom Swamp Rd/Arrow Rd, West Todd Street,	Clearing appears to be complete in these	Continue to monitor. 6/22/07	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Brooksvale Ave and Old Lane Rd.	sections at this time. Small trees and shrubs were retained where feasible. 6/22/07		
Dewatering			
Milford, CT Naugatuck Ave, Caswell St, and Plains Rd	Dewatering basins remain in place at new and proposed drilling sites in these sections. Dewatering is complete in all other sections at this time. 6/22/07	Continue to monitor and adjust controls as necessary. 6/22/07	Dewatering containment areas were installed proactively.
Orange, CT Dogburn Road	Dewatering containment areas remain within the ROW in these sections. This includes silt fence and haybale corrals and dewatering basins. 6/22/07	Continue to monitor and adjust controls as necessary. 6/22/07	Dewatering containment areas were installed proactively.
Woodbridge, CT Pease Rd/JCC, Salem Rd, Brookwood Dr, Cowpath Lane, Manville Rd and Country Ct	Dewatering basins remain in place at the proposed drilling sites. Water trucks are used here when dewatering controls are approaching capacity. 6/22/07	Continue to monitor and adjust controls as necessary. 6/22/07	Water trucks are used here when dewatering controls are approaching capacity
B'Nai, Ansonia Rd, Manville Rd and Country Ct	Water trucks and frac- tanks were used for dewatering at these drilling sites. Slurry was pumped into a filter bag at an upland location near Pease Road, but some sediment breached the controls here. 6/22/07	The filter bag should be used in conjunction with haybales or placed within an earthen basin to ensure water is properly filtered before it is released to the ground. 6/22/07	Reinforce controls if dewatering activities continue here
	Slurry was poured directly onto the timber mat crane pad within the wetland off Manville Rd this week. 6/22/07	See EC Section. Proper dewatering controls should be used at all times, especially in a wetland area. 6/22/07	Proper dewatering controls are needed here
Bethany, CT Morris to Hatfield, Downs Rd to West Todd (Hamden)	Dewatering basins remain at new and proposed drilling sites. 6/22/07	Continue to monitor and adjust controls as necessary. 6/22/07	Dewatering containment areas were installed proactively.
Hatfield to Raccio Dr and Hoadley Road	Dewatering activities appear to be complete in	None at this time. 6/22/07	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Hamden, CT Tom Swamp Rd/Arrow Rd and West Todd Street, Brookvale Ave, Old lane Rd	these sections at this time. 6/22/07 Dewatering basins remain at new and proposed drilling sites. 6/22/07	Continue to monitor and adjust controls as necessary. 6/22/07	Dewatering containment areas were installed proactively.
Blasting	No blasting is proposed at this time. 6/22/07	None	NA
Spills, soils and material storage.	Contractor receiving yard is set up near Shelland St. in Milford. This also appears to be used for Segment 3 construction. 6/22/07	In general, store materials and equipment appropriately. Ensure that vehicles are equipped with spill kits. All construction vehicles should be parked at least 100 feet from a wetland or waterbody when feasible. 6/22/07	NA
Additional Observations	Non-project related activity was noted within the ROW off Sunset Dr. A trench was dug near the first structure and a pipe appears to have been installed to divert water from an unknown location. 1/18-6/22/07	Noted for the record. 1/18-6/22/07	NA

Next likely scheduled inspection: Friday June 29, 2007

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: Matt Kelly, BSC Group

Reviewer:

Lee Curtis, BSC Group

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Old Lane Rd (Hamden): Access road construction continues.



Manville Rd North (Woodbridge): Slurry was pumped directly to the timber mat crane pad here. Dewatering controls should be used at all times.



Manville Rd (Woodbridge): Equipment should be parked 100 feet from wetland areas when feasible.



Ansonia Rd South (Woodbridge): Foundation drilling continues in this section. Water trucks were used for dewatering.



Ansonia Rd North (Woodbridge): Concrete is being washed to containment bins in this section.



JCC (Woodbridge): Significant grass growth was noted in previously disturbed areas here. Erosion controls remain intact.



Pease Rd (Woodbridge): A view of the upland dewatering area here. Water is pumped from the truck to a filter bag at this location.



Pease Rd: Close up view of the filter bag at the dewatering area shown in the photo on the left. Sediment has escaped the controls here. The filter bag should be placed in a basin or surrounded by haybales to slow flow and increase filtration.