## 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 $345-\mathrm{kV}$ 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 $115-\mathrm{kV}$ and $345-\mathrm{kV}$ 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: $\quad$ June 15, 2007
Inspector: Matt Kelly
Location: Segment 2b - Cheshire/Hamden Town Line to East Devon Substation
Rainfall: $\quad 0.43$ " of precipitation was recorded in the week since the last inspection, with 0.19 " of the total reported on $6 / 11$ (NOAA data at New Haven, CT).

| Areas of Inspection | Observation | Recommended Action | Corrected Action |
| :---: | :---: | :---: | :---: |
| Access roads and adjacent roadways <br> Orange, CT Ridge Rd, Rolling Ridge Rd, Sunset Dr, Hall Dr, Edward Ct, Racebrook Rd, Overland Dr, Hunting Hill Pl, Harbor View,/Saddle Ridge, Route 152, Treat Lane, Pine Tree Dr, Lambert Rd, Russell Ave, and Hunting Hill Rd, Dogwood Road, Dogburn Road, Route 34 <br> All access roads (above) | Clearing/road construction appears to be complete in these sections at this time. 6/15/07 <br> Mats remain at the wetland crossings in these sections. 6/15/07 <br> Stone pads remain in place at all entrances to access roads. Sediment tracking was not an issue this week. 6/15/07 <br> "Silt saks" (or similar) remain intact within catch basins 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. | Continue to monitor. Install mats if necessary. 6/15/07 <br> Continue to monitor. 6/15/07 <br> Continue to monitor for sediment tracking. Sweep roadways as necessary. 6/15/07 <br> Continue to monitor and evaluate methods to protect the curb drop inlet and prevent sedimentation as needed. See Erosion Control Section for more detail. 6/15/07 | Not Applicable (NA) <br> NA <br> Needs regular attention <br> CB controls in place. Improve as necessary. |


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| :---: | :---: | :---: | :---: |
|  | 6/15/07 |  |  |
| Milford, CT <br> Fresh Meadow <br> Road/West River Street, Eisenhower Park, East Rutland Ave, Naugatuck Ave, Caswell Street, Wheelers Farm Road, Plains Road to Oronoque Rd, Lexington Lane, Woodruff Road, and Route 121 | Clearing and access road construction appears to be complete in these sections at this time. 6/15/07 | Continue to monitor and add controls as necessary. See EC section. 6/15/07 | NA |
| Woodbridge, CT Pease Road, Salem Road, Rimmon Road (west), Woodbine Rd, Manville Rd, Clark Street, Brookwood and Cowpath Lane, and SCRRWA (Glen Dam), JCC and B'Nai Jacob | Clearing and access road construction appear to be complete in these sections at this time. 6/15/07 | Continue to monitor. Sweep roadway as needed. 6/15/07 | NA |
| Bethany, CT <br> Morris to Hatifeld and Downs Road (to West Todd, Hamden), Raccio Dr. and Hoadley Rd. | Access road construction appears to be complete in these sections. Culverts and timber matt crossings are in place. 6/15/07 | Continue to monitor and add controls as necessary. See EC Section. 6/15/07 | NA |
| Hamden, CT <br> West Todd Street, Tom Swamp Rd/Arrow Rd and Brooksvale Ave. | Access road construction appears to be complete in this section. Culverts, water bars, and drainage swales are in place. 6/15/07 | Continue to monitor and add controls as necessary See EC Section. 6/15/07 | NA |
|  | The completed stone access road was noted within the ROW off Brooksvale Ave this week. A new access point was constructed in an effort to avoid the pre-existing flow path encountered at the original access point here. 6/15/07 | Continue to monitor and add controls as necessary. 6/15/07 | A new access point was constructed in an effort to avoid the preexisting flow path and avoid potential impact to the catch basin located directly downgradient |
| Old Lane Rd | Overhead access road construction has commenced in this area. Access road has been stabilized with stone. 6/15/07 | Continue to monitor and add controls as necessary. 6/15/07 | Access road is stabilized with stone |



| Areas of Inspection | Observation | Recommended Action | Corrected Action |
| :--- | :--- | :--- | :--- |
| Hamden,CT <br> Tom Swamp/Arrow <br> Road, West Todd Street, <br> Brooksvale Ave and Old <br> Lane Rd | Foundation work has not <br> yet begun, but stone pads <br> have been constructed in <br> these sections. Timber <br> mat crane pads were <br> installed in the wetland <br> areas. 6/15/07 | Continue to monitor. See <br> Dewatering and EC <br> Sections. 6/15/07 | NA |
| Erosion and sediment <br> controls | Roots have been retained <br> in most cleared areas to <br> maintain some soil <br> stability. Crews have <br> made good efforts to <br> temporarily stabilize most <br> disturbed areas with hay <br> mulch. When work <br> occurs in or adjacent to <br> wetlands, timber mat <br> crane pads are in place <br> with erosion controls <br> along the edge. 6/15/07 | None. Continue to <br> temporarily stabilize <br> disturbed soils as <br> necessary. 6/15/07 | NA |


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| :---: | :---: | :---: | :---: |
|  | Snow was piled on a portion of the silt fence near the southeastern corner of the mat the week of 3/23. 6/15/07 |  |  |
| Milford, CT <br> 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. 6/15/07 | 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. 6/15/07 | 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 stabilizing with vegetation (east). 6/15/07 | Continue to monitor and maintain as necessary. 3/23-6/15/07 | Needs proactive attention when feasible |
| Wheelers Farm Road | Snow and sediment were piled on the silt fence due to snow clearing (east) $3 / 19-5 / 3 / 07$. Silt fence may need to be extended near the wetland, downgradient of the dewatrering area here. $3 / 23-5 / 3 / 07$. The stockpile near the road is not covered. 4/136/15/07 | Continue to monitor. Silt fence needs repair. Any remaining sediment 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.6/15/07 | Silt fence and stockpiles need proactive attention |
| Woodbridge, CT SCCRWA (Glen Dam Reservoir) Dillon Rd to Morris Rd | The restored upland area outside the access gate appears to be stabilized with vegetation. 6/15/07 | None at this time. 6/15/07 | Restored area appears to be stabilized with vegetation |
| JCC | Silt fence remains along the stream and wetland area. Hydro-seed was applied to the remaining disturbed areas. 6/15/07 | Continue to monitor for stabilization and adjust controls as necessary. 6/15/07 | Hydro-seed was applied to the remaining disturbed areas |
| B'Nai Jacob | Ruts were graded and disturbed areas were seeded and mulched for | Monitor for stabilization and continue to use mats where necessary to | Ruts have been graded and disturbed soils have been mulched and |


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| :--- | :--- | :--- | :--- |
| Salem Rd | temporary stabilization. <br> Grass growth was noted <br> this week. 6/15/07 | reduce overall soil <br> disturbance. 6/15/07 | seeded. Grass growth <br> was noted |
|  | Ruts were noted in the <br> ROW here this week. <br> Soils were too soft to <br> support equipment. <br> 6/15/07 | Stabilize soil (tracks) as it <br> becomes necessary and <br> continue to use mats to <br> reduce soil disturbance. <br> 6/15/07 | Needs attention when <br> feasible |
| Bethany, CT <br> Morris (Hamden) to <br> Hatfield and Downs | Silt fence/haybales are in <br> place along portions of <br> the access road and <br> wetland areas. Three 36" <br> culverts were installed <br> within the access road off <br> Route 69 last week. | Continue to monitor and <br> adjust controls as work <br> continues here. 6/15/07 | NA |


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| Brooksvale Ave. | 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. 6/7/07 | Repair and reinforce controls. Carefully remove sediment from wetland if it is greater than 2" in depth. 4/206/22/07 | Needs attention |
|  | 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). 6/15/07 | Monitor and add controls as necessary. 6/15/07 | 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. 6/15/07 | Monitor and add controls as necessary. 6/15/07 | 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. 6/15/07 | Since this access road is now active due to the new overhead work in this section, curb inlet protection should be provided. 6/15/07 | Needs attention |
|  | Silt fence and haybales remain at the intersection of the access road and Old Lane Rd. 6/15/07 | Monitor and adjust controls as necessary. 6/15/07 | NA |
| Inland Wetland and Watercourse encroachment and mitigation | The ACOE permit is in hand and approved wetland work continues. 6/15/07 | Follow general guidelines of the permit whenever work in wetlands occurs. 6/15/07 | NA |
| Orange, CT <br> Sunset Drive, <br> Pine Tree Rd (east), <br> Lambert Rd, Russell Ave, <br> Racebrook Road, and <br> Route 34 | Timber mat crane pads remain at the wetland areas here. A stone wetland crossing is in place at Lambert Rd. Approved foundations were installed in the wetland at both Russell | Continue to monitor. 6/15/07 | NA |


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|  <br> Milford, CT <br> Rt 121 | Ave and Racebrook Rd. <br> $6 / 15 / 07$ | Timber mat crane pads <br> remain adjacent to/in <br> wetlands in these <br> sections. 6/15/07 | Continue to monitor. <br> Add controls as <br> necessary. 6/15/07 |
| West River Street and <br> Eisenhower Park | A stone access road was <br> installed within the <br> wetland accessed from <br> West River Street. <br> Timber mat crane pads <br> remain within the <br> wetland areas in these <br> sections. 6/15/07 | Continue to monitor and <br> add controls as necessary. <br> $6 / 15 / 07$ | NA at this time. |


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| :---: | :---: | :---: | :---: |
| Bethany, CT <br> (Morris to Hatfield) | A stone access road and timber mats have been constructed/installed in the wetlands in this section. 6/15/07 | Continue to monitor. 6/15/07 | NA |
| Hamden, CT <br> Tom Swamp/ Arrow <br> Road | Boulders and silt fence were placed across the ATV path in an effort to prevent further (non project related) wetland disturbance in the Jepp Brook area. 3/30-6/7/07 | None at this time. 6/15/07. | NA |
| 115-kV underground transmission line/Old Lane Road | The overhead access road was stabilized, but the water within the wetland remains turbid. 6/15/07 | Monitor during next large rain event. Evaluate sediment accumulation within adjacent wetland. Carefully remove sediment from the wetland if it is greater than 2 " in depth. 6/7/07 | 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. 4/5-6/15/07 | 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. 4/5-6/15/07 | Contractors stated that field crews have received the appropriate training and sweeps are occurring. |
| Vegetative clearing or stabilization <br> 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. 6/15/07 | 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. 6/15/07 | NA |


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| Orange, CT Orange Center Rd, Sunset Dr, Ridge Rd, Russell Ave, Hall Drive, Rolling Ridge Rd, Overland Dr, Hunting Hill Place, Lambert Rd, and Route 34 | Wood chips are in place along the upland portions of the cleared ROW in these sections. 6/15/07 <br> 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. 1/11-6/15/07 | Continue to maintain a depth of 3" or less so vegetative growth is not inhibited. 6/15/07 <br> Piles need to be either removed from the ROW or spread in appropriate upland areas to a depth of 3 " or less. 1/11-6/15/07 | Wood chips were spread in appropriate locations. <br> Needs attention when feasible. |
| Milford, CT <br> East Rutland Rd, <br> Naugatuck Ave, Caswell <br> Street, Wheelers Farm <br> Road, Plains Road to Oronoque Rd, Lexington Lane, Woodruff Road, Route 121, and West River Street | Clearing appears to be complete in these sections at this time. 6/15/07 | None at this time. 6/15/07 | NA |
| Woodbridge, CT B'Nai Jacob | Major clearing has occurred in this section due to the relocation of the ROW here. 6/15/07. | Continue to monitor. Add controls as necessary. 6/15/07 | Vegetation growth was noted. |
| Pease Road/JCC Bypass, SCCRWA (Glen Dam Reservoir) Dillon Rd to Morris Rd Manville Road, Rimmon Rd (west), Salem Rd, Brookwood Dr, Center Rd and Cowpath Lane | Clearing appears to be complete in these sections at this time. 6/15/07 | None at this time. 6/15/07 | Efforts were noted to retain shrubs and low growth. |
| Bethany, CT <br> Morris to Hatfiled, <br> Downs Rd, Hoadley Rd, Raccio Dr | Clearing appears to be complete in these sections at this time. 6/15/07 | Clearing appears to be complete in these sections. Small trees and shrubs were retained where feasible. 6/15/07 | Efforts were noted to retain shrubs and low growth |
| Hamden, CT <br> Tom Swamp Rd/Arrow Rd, West Todd Street, Willow Street, Brookvale Ave and Old Lane Rd. | Clearing appears to be complete in these sections at this time. Small trees and shrubs were retained where feasible. 6/15/07 | Continue to monitor. 6/15/07 | Efforts were noted to retain shrubs and low growth |

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| Areas of Inspection | Observation | Recommended Action | Corrected Action |
| :---: | :---: | :---: | :---: |
| Dewatering <br> Orange, CT <br> Route 34 and Dogburn <br> Road | Dewatering containment remains within the ROW in these sections. This includes silt fence and haybale corrals and dewatering basins. 6/15/07 | Continue to monitor and adjust controls as necessary. 6/15/07 | Dewatering areas installed proactively. |
| Woodbridge, CT <br> Pease Rd/JCC, Manville Rd, Salem Rd, <br> Brookwood Dr, Cowpath <br> Lane, and Country Ct | Dewatering basins remain in place at the proposed drilling sites. 6/15/07 | Continue to monitor and adjust controls as necessary. 6/15/07 | Dewatering containment areas were installed proactively. |
| Brookwood Dr | Active dewatering was noted during the inspection. 6/15/07 | Continue to monitor and adjust controls as necessary. 6/15/07 | NA |
| B'Nai Jacob | Water trucks and fractanks were used for dewatering activities in this section. 6/15/07 | Continue to monitor and adjust controls as necessary. 6/15/07 | Water trucks and fractanks were used for dewatering activities in this section |
| Milford, CT <br> East Rutland (eastern access), Fresh Meadow Road, Route 121, Woodruff Rd, Naugatuck Ave Lexington Ln, Wheelers Farm Rd, Caswell St, and Plains to Oronoque Rd. | Dewatering basins remain in place at new and proposed drilling sites. 6/15/07 | Continue to monitor and adjust controls as necessary. 6/15/07 | Dewatering containment areas were installed proactively. |
| Hamden and Bethany, CT <br> Tom Swamp Rd/Arrow Rd and West Todd Street, Morris to Hatfield, Brookvale Ave, Old lane Rd | Dewatering basins remain at new and proposed drilling sites. 6/15/07 | Continue to monitor and adjust controls as necessary. 6/15/07 | Dewatering containment areas were installed proactively. |
| Blasting | No blasting is proposed at this time. 6/15/07 | 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. 6/15/07 | 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 | NA |


| Areas of Inspection | Observation | Recommended Action | Corrected Action |
| :--- | :--- | :--- | :--- |
|  | feasible. 6/15/07 |  |  |
| Additional <br> Observations | Non-project related <br> activity was noted within <br> the ROW off Sunset Dr. <br> A trench was dug near <br> the first structure and a <br> pipe appears to have been <br> installed to divert water <br> from an unknown <br> location. $1 / 18-6 / 15 / 07$ | Noted for the record. <br> $1 / 18-6 / 15 / 07$ | NA |

## Next likely scheduled <br> inspection: <br> Friday June 22, 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: $\quad$ Matt Kelfy, BSC Group
Reviewer: Lee Curtis, BSC Group


Oronoque Road (Milford): Structure installation is complete in this section. Spoil piles remain contained on site


Salem Road (Woodbridge): Foundation drilling/pouring is complete in this section, but rutting and spoils remain.


Oak Lane Country Club (Woodbridge): Foundation drilling has begun in this section.


Brookwood Drive (Woodbridge): Dewatering basins were installed proactively and used properly during foundation drilling.


Manville Road (Woodbridge): Drilling/foundation work has not yet begun in this section but proper controls (timber mats and silt fence) are in place.


B’Nai Jacob (Woodbridge): Temporary stabilization measures were noted in the previously cleared wetland here this week. Erosion controls remain intact


B’Nai Jacob (Woodbridge): Foundation drilling continues in this section.


B'Nai Jacob: Two foundations were installed here this week (\#3919) The vehicle shown should be parked at least 100 feet away from the wetland if feasible.


Brooksvale Ave. (Bethany): A stone access road has been constructed in this section and disturbed soils have been temporarily stabilized with hay mulch. Low trees and shrubs were retained during clearing.


Old Lane Rd (Hamden/Cheshire line): The" silt-sak" remains intact within the catch basin located directly adjacent to the overhead access road here, but curb drop inlet protection may be needed.


Brooksvale Ave: A new access point was constructed in this section to avoid the pre-existing flow path encountered at the original access point here


Old Lane Rd: Hay mulch was applied to soils disturbed during access road construction here.

