

**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 1a Inspection**

**Date:** June 4, 2007

**Inspector:** Matthew Creighton

**Location:** Segment 1a – Scovill Rock Switching Station to Chestnut Junction, Oxbow Junction to Beseck Switching Station (excluding Royal Oak Bypass), and Black Pond Junction to Beseck Switching Station

**Rainfall:** 2.24” of precipitation was recorded in the week prior to inspection, with 1.34” on 6/4 (NOAA data at Meriden, CT).

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
<b>Access roads and adjacent roadways</b>			
<b>Most work areas (including Oxbow Junction, Black Pond, Contractor Receiving Yard, Valley View Dr., Rte. 157, High Hill Rd., East Main Street, Fleming Rd.)</b>	<b>Access roads and stone tracking pads are in place at the ROW entrance in these locations. Associated roadways were free of project related sediment at this time. 6/4/07</b>	<b>Sweep the roadways and refresh stone as needed. Clean existing controls in CBs as necessary. 6/4/07</b>	<b>Not Applicable (NA)</b>
<b>Scovill SS west to Chestnut Junction</b>	<b>An existing access road is in place from Scovill SS west to Rte. 9. Streams were crossed using timber mats along the access road. Silt fence remains along some of the wetlands. Previously pooled areas of run-off were mostly dry. Turbid water continues to pool on the access road due to ATVs. 6/4/07</b>	<b>Clean sweep Freeman Road and Rte 9 as needed. Controls should be added as soon as soil is disturbed in or adjacent to sensitive areas, this includes disturbance due to vehicle tracking. Attempt to restrict ATVs as feasible. 6/4/07</b>	<b>Evaluate restricting ATV use if feasible.</b>
	<b>Stone was in place on the access road directly to the bank of one of the streams. 6/4/07</b>	<b>Although controls are in place, avoid placing stone up to a stream to reduce impacts. 6/4/07</b>	<b>Needs evaluation</b>
<b>Oxbow Junction to</b>	<b>Controls (filter socks,</b>	<b>Continue to add controls</b>	<b>NA at this time.</b>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Beseck SS</p> <p>Haddam Quarter Rd. (Oxbow Junction) To Foot Hills Rd.</p>	<p>haybales) remain in place along the road where needed. 6/4/07</p>	<p>where needed, i.e. mulch, check dams, silt fence, to control sediment and prevent erosion. Sweep roadway as needed. See erosion control section. 6/4/07</p>	
<p>Foot Hills Rd. to Johnson Lane</p>	<p>Access road crosses a small stream twice using timber mats but stops before the “no access area” to Johnson Lane. 6/4/07</p>	<p>Continue to monitor and adjust controls as needed 6/4/07</p>	<p>NA</p>
<p>Arbutus Street</p>	<p>The CB controls appear to be working properly. No sediment was noted in the wetlands at the outlet. 6/4/07</p>	<p>Monitor access entrance and maintain CB controls when needed. Sweep roadway as needed. 6/4/07</p>	<p>Needs to be monitored.</p>
<p>Black Walnut Dr.</p>	<p>Controls are in place along the base of slope of the access road and at the culverted stream. Some stone has been pushed into the swales and haybales along the road. 4/2-6/4/07</p>	<p>New stone layers should reduce run-off on steeper slopes. If necessary, pull back stone from the controls along the edges of the road. 4/2-6/4/07 See erosion control section. 6/4/07</p>	<p>NA at this time</p>
<p>Little Lane</p>	<p>Access includes timber mats and a (temporary) culvert to cross a section of wetlands and small stream. Volumes of water were flowing through the silt fence controls and off site. Most turbidity was filtered. 6/4/07</p>	<p>Monitor and adjust controls, as needed. Culverts are temporary and are will be restored at the completion of work Controls may need to be reinforced for larger storm events. 6/4/07</p>	<p>Needs to be monitored</p>
	<p>A new access road was installed off Little Ln. near a neighbor's driveway. A culvert is located near the new access. 6/4/07</p>	<p>Controls may be needed to prevent sediment from entering the culvert. Stabilize area when applicable. 6/4/07</p>	<p>Needs evaluation</p>
<p>Cherry Hill Rd.</p>	<p>A small steep access road is in place off the transfer station access road east of Cherry Hill Rd. Timber mats are in place to the west. 6/4/07</p>	<p>Some steeper slopes were noted here, continue to watch for run-off and add controls as needed. 6/4/07</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<b>Durham Rd</b>	<b>No active access road construction was observed this week west of Durham Rd. Timber mats are in place for accessing pads in wetlands. 6/4/07</b>	<b>Clean/sweep Durham Rd. as needed. See erosion control section. 6/4/07</b>	<b>NA</b>
<b>Rte. 157 (east) &amp; Elihu Dr.</b>	<b>Stone access road is in place, and timber mats remain through the wetlands towards the golf course. Pad construction was noted. 6/4/07</b>	<b>Sweep roadways and refresh stone as necessary to prevent tracking. Continue to use appropriate crossing methods in the wetland 6/4/07</b>	<b>NA</b>
<b>Rte. 157 (west) Private Driveway</b>	<b>Private dirt driveway being used to access a pad site. A section of lawn was damaged from equipment accessing the ROW. 4/23-6/4/07</b>	<b>Maintain and adjust controls as needed. Work with landowner to repair the area of lawn as needed. 4/23-6/4/07</b>	<b>Needs attention and evaluation.</b>
<b>Powder Hill Rd</b>	<b>The access road to the east and west of Powder Hill Rd. has stone, culverts, drainage ditches, filter socks and sediment trap areas in place. The water flowing from the site was mostly turbid during this inspection as the result of heavy rain. 6/4/07</b>	<b>Continue to maintain and adjust controls as needed. Continue to monitor and stabilize road as necessary. Although good efforts have been made, turbidity was still noted in the heavy run-off 6/4/07</b>	<b>Needs evaluation and further stabilization.</b>
<b>Valley View Dr</b>	<b>A few minor scuffmarks from equipment were noted on the road surface 6/4/07</b>	<b>Continue to monitor roadway and repair if needed. 6/4/07</b>	<b>NA at this time</b>
<b>East of Beseck SS</b>	<b>The timber mat staging area installed across the wetlands east of Beseck SS had turbid run-off. Controls were not in place 6/4/07</b>	<b>Controls needed to be installed/extended to prevent sediment from entering the adjacent wetlands. 6/4/07</b>	<b>Timber mats installed but need attention/evaluation.</b>
<b>Black Pond Junction to Beseck SS ROW, North of Beseck SS</b>	<b>Water bars are in place along the access road to divert turbid run-off to lines of staked haybales. 6/4/07</b>	<b>Continue to monitor and adjust controls as needed. 6/4/07</b>	<b>NA.</b>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>South of High Hill Rd. crossing (vicinity of East Meriden SS)</p> <p>North of High Hill Rd. crossing (north to Black Pond)</p>	<p>The stone tracking pads have helped to stabilize soils and muddy areas, including the new access road north of Beseck SS 6/4/07</p> <p>Access road crosses several streams and wetlands in this section. 6/4/07</p> <p>Two access roads are in place north off High Hill Rd. 6/4/07</p> <p>Access road is in place off East Main Street, within a condo development and to the north of E. Main St. as work progresses to new pad sites. Area looks good; no tracking noted. 6/4/07</p>	<p>Monitor area for run-off and add controls as needed.. 6/4/07</p> <p>Continue to adjust and maintain controls as needed. See erosion controls section. 6/4/07</p> <p>Monitor for tracking and adjust controls as necessary. 6/4/07</p> <p>Monitor tracking into the development parking lot and sweep as needed. Add controls as work progresses. 6/4/07</p>	<p>NA</p> <p>NA</p> <p>NA at this time.</p> <p>NA at this time.</p>
<p>Foundation and site construction Scovill SS west to Chestnut Junction</p> <p>Oxbow Junction to Beseck SS Oxbow Jct. to Haddam Quarter Rd. to Foot Hills Rd. to Arbutus Street</p> <p>Black Walnut Dr. (east)</p>	<p>Only clearing and access at this time. 6/4/07</p> <p>Foundation drilling at Oxbow Jct. appears complete. 6/4/07</p> <p>Foundations drilled off Haddam Quarter Rd. upgradient of the wetland. 6/4/07</p> <p>No new work noted since a pole was installed west of Arbutus St. 6/4/07</p> <p>Pads are in place off Foot Hills Rd and Johnson Ln. Controls remain upgradient of wetlands and around pads in both locations 6/4/07</p> <p>No additional work was noted here this week. 6/4/07</p>	<p>Monitor and add controls as needed. See erosion control section. 6/4/07</p> <p>Monitor and add controls as needed. 6/4/07</p> <p>Continue to monitor and adjust controls. See erosion control section. 6/4/07</p> <p>Continue to monitor and adjust controls. 6/4/07</p> <p>Add controls as needed and monitor wetlands. See erosion control section. 6/4/07</p> <p>Continue to monitor. 6/4/07</p>	<p>NA</p> <p>NA.</p> <p>NA.</p> <p>NA</p> <p>NA</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
South of Contractor Yard Along Rte. 17 and Little Lane	Several poles installed. 6/4/07	Monitor and add/adjust controls as needed. See erosion control section. 6/4/07	NA
Cherry Hill Rd. (east & west)	A foundation was drilled (west) and the excavation was filled with water from the heavy rain. 6/4/07	Continue to monitor. Continue to use appropriate dewatering controls if needed. 6/4/07	NA
Rte. 157 (east & west) & Elihu Drive.	Poles were installed east/west of Rte 157. New pad site installed off Elihu Dr. 6/4/07	Add controls as needed as work continues. See access road and erosion control section. 6/4/07	NA
Powder Hill Rd.	Pole installation is complete (west & east); erosion and sediment control issues need to be monitored. 6/4/07	Adjust controls where needed to control run-off during larger rain events. 6/4/07	NA.
Black Pond Junction to Beseck SS ROW, North of Beseck SS to East Meriden Substation	Pole installation, line pulling complete for now in this section to E. Meriden SS. 6/4/07	Monitor and adjust controls as needed. See access roads and erosion control section. 6/4/07	NA
South/north of High Hill Rd. crossing (vicinity of East Meriden SS to Black pond)	Foundations are complete south of E. Main St. 6/4/07	Continue to monitor and see erosion control and dewatering section for more details. 6/4/07	NA
Black Pond Jct.	Grading, pad installation and drilling are complete for now, north of East Main Street. 6/4/07	Continue to monitor and see erosion control section. 6/4/07	NA
Black Pond Jct.	No new work noted following the pad installation for the next pole. 6/4/07	Continue to monitor and add controls as needed. 6/4/07	NA
Erosion and sediment controls Scovill SS west to Chestnut Junction	Silt fence remains in some areas along the access road to filter run-off. Turbid water that is ponding on the access road is a result of ATVs. 6/4/07	Continue to add controls when entering sites for clearing and as soon as soil is disturbed, when resource areas are adjacent. 6/4/07	Evaluate restricting ATV use if feasible.
Oxbow Junction to Beseck SS Haddam Quarter Rd. To Foot Hills Rd. (east)	Controls (Haybales, filter socks) were filtering any	Add controls as needed upgradient from	Needs evaluation

Areas of Inspection	Observation	Recommended Action	Corrected Action
Foot Hills Rd. (west) and Arbutus Street	<p>water as it leaves the site. Foundation drilling stopped near wetlands. Controls are needed still upgradient of the wetlands. 5/21-6/4/07</p> <p>Silt fence, filter socks and hay mulch and other controls remain along the timber mat wetland crossing and to filter run-off in all these locations. 6/4/07</p>	<p>wetlands. Monitor wetlands for run-off. 5/21-6/4/07</p> <p>Monitor controls and adjust as needed. Add controls along access road at run-off point. 6/4/07</p>	NA
Black Walnut Dr.	<p>Some of the recently installed stone was pushed into controls along the road. 4/2-6/4/07</p> <p>Sediment accumulation remains in a stone sediment trap along the access road (noted since 5/14) 6/4/07</p> <p>Bark mulch, haybales and filter socks remain along the steep slope of the pad upgradient of Ball Brook. A detention basin is also in place. 6/4/07</p>	<p>Continue to adjust controls as needed and pull stone back from swales if necessary. 4/2-6/4/07</p> <p>Remove accumulated sediment when feasible to provide full capacity of controls. 5/14-6/4/07</p> <p>Continue to monitor and adjust controls to protect the resource area downgradient. 6/4/07</p>	<p>NA at this time</p> <p>Needs proactive attention when feasible</p> <p>NA</p>
Contractor Receiving Yard and Storage Area	<p>A few fiber rolls have been run over along the access drive. 2/12-6/4/07</p> <p>Silt fence and fiber rolls are in place at the perimeter of the yard and along drainage areas/swales but several sections have fallen. 4/23-6/4/07</p> <p>1B work continues within the contractor receiving yard. Several controls were removed to access the new ROW clearing 6/4/07</p>	<p>Repair/replace damaged fiber rolls. 2/12-6/4/07</p> <p>Continue to add, maintain, and monitor controls as necessary. Repair fallen/untoed sections of silt fence 4/23-6/4/07</p> <p>Clearing is part of the 1B D&amp;M plan. Please view 1B reports for more information. Contractors should coordinate to keep adequate controls in place. 6/4/07</p>	<p>Needs repair when feasible.</p> <p>Needs attention</p> <p>NA (Not jurisdictional to this D&amp;M)</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
South of Contractor Yard Along Rte. 17 and Little Lane	Structure installation is largely complete here. Silt fence was filtering some turbid run-off resulting from the heavy rain. 6/4/07	Monitor and reinforce controls to ensure they adequately filter run-off. 6/4/07	NA
Cherry Hill Rd. (west)	Timber mats were installed but controls have not been added. (noted 4/2) An open foundation excavation was filled with run-off. 6/4/07	Continue to monitor slope for tracking and erosion. Ensure that controls are adequate to control run-off and dewatering. 6/4/07	NA
Durham Rd.	Timber mat crossing is in place west of Durham Rd. within the ROW. 6/4/07	Erosion controls may be needed along the edges of the new access road if sedimentation is noted. 6/4/07	Needs to be monitored
Rte. 157 (east & west) & Elihu Dr.	Controls remain up-gradient of the wetlands near the new pad site off Elihu Dr, and at the wetland crossing. 6/4/07	Continue to adjust or extend controls as work progresses in this area. 6/4/07	NA.
Powder Hill Rd.	Slopes remain mulched and seeded, drainage swales with culverts, haybale/stone check dams, sediment basins/traps, haybales, and filter socks are all in place. A large amount of turbid water from the heavy rain was flowing through the system of haybale check dams. 6/4/07	Controls should be monitored closely and maintained regularly. Adjust controls as necessary to prevent sediment from leaving the site or entering the pond. Stream crossings/culverts are temporary and will be removed at the end of the work. Despite good efforts on controls turbid run-off was leaving the site. 6/4/07	Despite good previous efforts, controls may need evaluation.
	Filter socks and haybales remain upgradient of the stream and pond (both sides) at the base of slope. Pondered turbid run-off was again noted at the controls due to the heavy rain. Vegetation is helping to trap sediment before it reaches streams. 6/4/07	Controls should continue to be monitored and adjusted above the stream as needed Remove sediment accumulated around the controls and vegetation. 6/4/07	Needs proactive attention/evaluation when feasible.  Needs to be monitored.

Areas of Inspection	Observation	Recommended Action	Corrected Action
East of Beseck SS	<p>Accumulated sediment from past heavy rains could be seen in the wetlands west of Powder Hill Rd. when standing water recedes. 6/4/07</p> <p>At the spot adjacent to the wetlands east of Beseck SS, fiber rolls (filter socks) remain adjacent to the timber mat pads but sediment (likely from snow clearing) has been piled on and over the socks. 4/2-6/4/07</p> <p>The riprap sediment trap east of Beseck SS was over flowing with turbid water from the station yard during the heavy rain. This was reaching the wetlands. 6/4/07</p> <p>Timber mat crossing was installed through the wetlands for pulling wire. No controls were noted. Turbid run-off was occurring due to the heavy rain. 6/4/07</p>	<p>Any sediment accumulation over 2" should be carefully removed from the wetland by hand. 5/29-6/4/07</p> <p>Adequately contain all sediment; the soil in the wetland will have to be removed carefully by hand. 4/2-6/4/07</p> <p>Refer to Beseck D&amp;M plan for more information and work with Beseck contractors to improve controls for larger storm events if feasible. 6/4/07</p> <p>Add controls at crossing and monitor pond/wetlands for turbid run-off. 6/4/07</p>	<p>Needs evaluation.</p> <p>Needs attention.</p> <p>NA (Not jurisdictional to this D&amp;M)</p> <p>Needs attention.</p>
Black Pond Junction to Beseck SS ROW, North of Beseck SS to East Meriden Substation	<p>A small section of silt fence was undermined and turbid water flowing off site. 6/4/07</p>	<p>Repair/reinforce silt fence as needed along wetlands. 6/4/07</p>	<p>Needs attention.</p>
Fleming Road	<p>Several areas of exposed soil were noted along this section of ROW. 6/4/07</p> <p>Sediment accumulation is at the capacity of the controls immediately adjacent to the edge of the pond. (noted 4/30) A new filter sock was added as an additional line of control. (Noted 5/29) However, sediment has breached the controls and</p>	<p>Stabilize exposed areas as soon as possible to control erosion. 6/4/07</p> <p>Although the filter sock is in place, the sediment should still be removed from existing controls to restore capacity, and stabilized, 5/29-6/4/07</p>	<p>Needs attention.</p> <p>Needs attention.</p>



Areas of Inspection	Observation	Recommended Action	Corrected Action
<p><b>South of High Hill Rd. (vicinity of East Meriden Substation)</b></p>	<p><b>entered the adjacent pond. 6/4/07</b></p> <p><b>The redirected stream splits, flowing partially through a culvert and partially through the center of the timber pad site. The banks and adjacent, exposed soil remain stabilized with erosion control mats. 6/4/07</b></p> <p><b>Upgradient from the stream diversion/work area, turbid water is flowing from off-site ball fields into the stream 6/4/07</b></p> <p><b>The previously un-toed/undermined fiber rolls have now been toed in and are working well in the area north of E. Meriden SS. 6/4/07</b></p>	<p><b>Ensure the controls are adequate for run-off in this area. Stabilize soils as soon as possible. Controls or regular cleaning will be needed on the timber mats as well to prevent sediment from seeping through. 6/4/07</b></p> <p><b>This source of off-site turbidity was noted for the record. 6/4/07</b></p> <p><b>Continue to monitor and adjust controls as needed. Ensure the controls are adequate for run-off in this area. 6/4/07</b></p>	<p><b>Needs proactive attention when feasible.</b></p> <p><b>NA- not project related- noted for the record.</b></p> <p><b>Fiber rolls have been installed properly/toed-in.</b></p>
<p><b>High Hill Rd. (north to Black Pond)</b></p>	<p><b>A soil stockpile was noted on the access road within controls but immediately adjacent to undisturbed wetlands. 5/21-6/4/07</b></p> <p><b>The timber mat pad site in/adjacent to wetlands here has controls in place but sediment tracking was noted on the mats and from an adjacent slope. (noted 4/2) Turbid water was flowing under controls and entering the wetlands. 6/4/07</b></p>	<p><b>Remove/relocate the stockpile and avoid placing materials near wetlands. 5/21-6/4/07</b></p> <p><b>Adjust/reinforce controls. Stabilize adjacent areas in an attempt to reduce tracking to the mats. 6/4/07</b></p>	<p><b>Needs attention when feasible.</b></p> <p><b>Needs attention.</b></p>
<p><b>Black Pond</b></p>	<p><b>Controls in place along slopes on both sides of the wetlands. 6/4/07</b></p> <p><b>Controls remain in place upgradient from wetlands off East Main Street. Drilling was not active</b></p>	<p><b>Monitor site for run-off and continue to adjust controls as necessary. 6/4/07</b></p> <p><b>Monitor controls closely. Add controls as needed along the slope and wetlands near the new</b></p>	<p><b>NA</b></p> <p><b>Some controls in place, more controls needed in new work areas.</b></p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>and sediment issues were not observed. Access road and pad site construction continues and will need extended controls as work progresses. 6/4/07</p> <p>Turbid run-off noted flowing down the access road and into wetlands within the ROW. This appears to be as the result of activities on a neighboring property. 6/4/07</p>	<p>pad site and access road. 5/29-6/4/07</p> <p>The run-off was not related to the project activities. Noted for the record. 6/4/07</p>	<p>NA – not jurisdictional to the project. Noted for the record.</p>
<p><b>Inland Wetland and Watercourse encroachment and mitigation</b></p> <p>Most access areas (including ROW North of Beseck SS; Arbutus St.; Little Lane; Durham Rd.; Powder Hill Rd. Black Walnut Dr.; Johnson Ln.; Foot Hills Rd.)</p> <p>Oxbow Junction to Beseck SS Haddam Quarter Rd. To Foot Hills Rd., Johnson Lane</p> <p>Contractor Storage Yard</p>	<p>ACOE permit is in hand. 1/22/07</p> <p>A number of wetland crossings (via timber mats) were noted. Adjacent controls were installed. 6/4/07</p> <p>Slight turbidity was present at Johnson Ln. due to heavy rains. 6/4/07</p> <p>Perimeter controls are deteriorating in spots and should be repaired. The suspended sediment in the adjacent pond continues to settling. 5/14-6/4/07</p> <p>A snapping turtle was noted burrowing itself in the substrate of the pond the last few weeks which created observable turbidity. Sediments appear very fine and easily disturbed here. 6/4/07</p>	<p>Perform work in wetlands under the permitted guidelines. 6/4/07</p> <p>Monitor closely for sedimentation and add controls as needed. The majority of crossings are temporary and will require restoration at the end of the work. 6/4/07</p> <p>Monitor and adjust controls as needed. See erosion control section 6/4/07</p> <p>Adjust/repair controls as needed around the site. 5/29- 6/4/07</p> <p>Continue to monitor and avoid contributing sediment to the pond. Although not state listed spp, generally monitor work area for turtles 6/4/07</p>	<p>NA</p> <p>NA at this time</p> <p>NA</p> <p>Continue to monitor pond. Controls need attention.</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Durham Rd.	<p>Clearing occurring within wetlands at the receiving yard part of 1B D&amp;M plan. 6/4/07</p> <p>Access at Durham Rd remains halted at a deeper area in the wetland that is difficult to cross. Fish noted in stream. 6/4/07</p>	<p>Not jurisdictional to this D&amp;M Plan. See 1B reports for more information. 6/4/07</p> <p>Ensure that construction windows and access limitations continue to be upheld here. 6/4/07</p>	<p>NA (not jurisdictional to this D&amp;M Plan)</p> <p>NA at this time</p>
Powder Hill Rd.	<p>Several smaller streams remain culverted. When standing water recedes, some accumulated sediment from past heavy rains has been noted in wetland areas. 5/29-6/4/07</p>	<p>All crossings are temporary and will require restoration at the end of the work. Where sediment is greater than 2", it should be removed carefully by hand from the wetland. 5/29-6/4/07</p>	<p>Needs evaluation.</p>
East of Beseck SS	<p>Timber mat staging areas are in and adjacent to wetlands. Sediment was noted on and beyond the filter sock at the wetland's edge. 4/2-6/4/07</p> <p>An additional timber mat line pulling pad was added and turbid run-off was noted. 6/4/07</p>	<p>Adequately contain all sediment; the soil in the wetland will have to be removed carefully by hand. 4/2-6/4/07</p> <p>Controls are needed. 6/4/07</p>	<p>Needs attention</p> <p>Needs attention.</p>
Black Pond Junction to Beseck SS High Hill Rd. South to East Meriden Substation and north to Black Pond	<p>Pole installation is complete within the stream/wetlands. The flow is being re-routed through a riprap channel and culvert. Erosion control mats are in place at the top of bank 6/4/07</p>	<p>Continue to stabilize soils and adjust controls as necessary to protect wetlands. Stabilize adjacent area as soon as possible. See erosion control section for more details. 6/4/07</p>	<p>NA</p>
State species of concern, threatened and endangered species.	<p>Potential habitat for wood turtles exists at Ball Brook in this section. Contractors have avoided crossing this area through the access road in from Black Walnut Dr. However, the final pad is installed upgradient from the habitat. 6/4/07</p>	<p>April 1<sup>st</sup> was the start of the active wood turtle season; contractors will require training for mitigation if work occurs in the Ball Brook habitat. Ball Brook is not scheduled to be accessed, however consider performing sweeps at this last pad as turtles do</p>	<p>Consider mitigation/sweeps in this area.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Multiple ROW areas including: Scovill SS; Haddam Quarter Rd. To Foot Hills Rd.; Johnson Lane; Powder Hill Rd.; Contractor Storage Yard Pond; East of Beseck SS</p>	<p>A variety of wildlife has been noted in and adjacent to the majority of wetlands in the ROW at access and work areas. Turtles, frogs, fish, salamanders, tadpoles, several different types of egg masses, deer, small mammals, and wild turkeys have been observed. These are not state listed species, but indicate good habitat. 6/4/07</p> <p>Many turtles have been observed basking in the ponds south of High Hill Rd and near Fleming Rd. A spotted turtle was also noted in the wetland near Scovill Rock SS several weeks ago. 6/4/07</p>	<p>forage/migrate away from streams. 6/4/07</p> <p>Continue to be very mindful of controlling sediment and reducing access near wetlands used for amphibian breeding. Also monitor controls for effectiveness and be mindful that the controls will block foraging/migrating wildlife 6/4/07</p> <p>Although these are not state listed species, continue to be mindful of equipment movement and work activities in these areas. 6/4/07</p>	<p>Continue to monitor.</p> <p>Continue to monitor.</p>
<p><b>Vegetative clearing or stabilization</b></p> <p>Powder Hill Rd.; Little Lane; Durham Rd; Black Walnut Dr; Valley View Dr.; Rte 157</p> <p>ROW North of Beseck SS to Black Pond</p> <p>ROW west of Scovill Rock SS to Chestnut Junction</p>	<p>Many pad sites are along slopes and may have issues with erosion during heavy rains. 6/4/07</p> <p>No issues were noted in the areas of new clearing off East Main St. 6/4/07</p> <p>No new clearing flowing the minor clearing from Scovill Rock SS to Rte. 9 within the existing ROW. Trees have been felled and stockpiled. Stumps were left to stabilize soils. Some erosion is occurring along the access road. Some controls have been</p>	<p>Retain species approved by the D&amp;M plan wherever feasible. Temporarily stabilize exposed soil as necessary, especially in slope areas such as Beseck Mtn. 6/4/07</p> <p>Monitor new area for run-off. See erosion controls section. 6/4/07</p> <p>Continue to retain stumps for stabilization and add controls as needed as work continues. Clearing crews should continue to install controls as soils are disturbed along the ROW and make sure controls are in place before leaving</p>	<p><i>In all areas, be aware of limits of clearing and stick to the specifications of the D&amp;M plan.</i></p> <p>NA</p> <p>Continue to evaluate.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	installed. 6/4/07	the site. 6/4/07	
<p><b>Dewatering</b> Oxbow Junction to Beseck SS Black Walnut Dr.</p> <p>Cherry Hill Rd. (west)</p> <p>Black Pond Junction to Beseck SS North of Beseck SS to East Meriden Substation</p> <p>Fleming Rd.</p>	<p>Several settling basins remain in place off Black Walnut Dr. 6/4/07</p> <p>Settling tank used for dewatering several weeks ago. Dewatering may be needed again as open foundation is filled with water. 6/4/07</p> <p>No active dewatering noted at this time in the High Hill Rd. area. Pole installation is complete. Slurry was well controlled. 6/4/07</p> <p>Another containment area remains near the pad site in this section. 6/4/07</p>	<p>Continue to use settling basins as needed. Monitor capacity of the basin when in use. 6/4/07</p> <p>When work is done remove settling tanks and pump trucks as needed. 6/4/07</p> <p>None at this time. 6/4/07</p> <p>None at this time. 6/4/07</p>	<p>NA</p> <p>NA.</p> <p>NA</p> <p>NA</p>
<b>Blasting</b>	No blasting is proposed. 6/4/07	None 6/4/07	
<p><b>Spills, soils and material storage</b> All active areas</p> <p>Oxbow Junction to Beseck SS Contractor Receiving Yard and Staging Area</p>	<p>Spill controls move from site to site with the equipment. 6/4/07</p> <p>Concrete washout containment was noted in the form of lined, dug basins off Valley View Rd, Cherry Hill Rd (east), and in several other locations. 6/4/07</p> <p>Materials are being stored and structures staged in this area. Fuel tanks have been removed from the site and will no longer be used in this area. Minor spills were noted in location of old tanks and around the site. 6/4/07</p>	<p>Always use spill control materials when working on equipment and during refueling. 6/4/07</p> <p>Provide appropriate containment for washouts. Be especially careful of concrete containment near wetlands. Plan to remove the material once work is complete. 6/4/07</p> <p>Always use spill control materials when working on equipment and during refueling. Continue to locate hazardous materials and equipment away from wetlands inlets such as culverts and CBs. when possible. Remove spills as needed. 6/4/07</p>	<p>NA</p> <p>Concrete washout basins were noted in several locations.</p> <p>Fuel tanks have been removed from the site.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p><b>Black Pond Junction to Beseck SS</b></p>	<p>A concrete containment area located off Haddam Quarter Road, west of Oxbow, was filled past capacity or breached. Concrete material remains within the controls but adjacent to a wetland. 6/4/07</p>	<p>Remove concrete material and ensure all containment areas have adequate capacity to store washout and test concrete. Locate containment areas away from wetlands when possible. 5/29-6/4/07</p>	<p><b>Needs attention.</b></p>
	<p>Leaking equipment was stored in the vicinity of the wetland (noted 5/29). This week, the equipment was moved closer to the wetland. Repairs were attempted but it is still dripping and controls have been removed. A slight sheen of oil was noted flowing into the wetlands during the heavy rains. 6/4/07</p>	<p>Relocate the broken equipment away from wetlands and buffer zones. (Attempt to store any equipment over 100 ft away). Monitor and contain all leaks as soon as possible. Add controls and clean affected areas. 6/4/07</p>	<p><b>Needs immediate attention.</b></p> <p><i>Contractor stated equipment was relocated on 6/5/07</i></p>
	<p>Some equipment and supplies are being stored here. A large spill kit is stored onsite. 6/4/07</p>	<p>Always store equipment and supplies away from sensitive areas. Monitor and maintain equipment as needed and provide housekeeping on a regular basis. 6/4/07</p>	<p><b>NA at this time</b></p>
<p><b>Additional Observations</b></p>	<p>Weather is getting warmer and contractors should continue seeding disturbed areas for temporary stabilization as soon as possible. 6/4/07</p>	<p>Seed areas where work is complete or will be left unworked for longer than 1 month. 6/4/07</p>	<p><b>Continue seeding disturbed areas.</b></p>

**Next likely scheduled inspection:** Monday June 11, 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:** Matthew Creighton, BSC Group

**Reviewer:** Diana Walden, BSC Group



**Concrete containment area overflowing onto a pad site upgradient of a wetland off Haddam Quarter Road. Provide adequate capacity and remove concrete material.**



**Fluid dripping from a drill rig located off Haddam Quarter Road. Provide maintenance and containment.**



**Broken equipment was relocated closer to the adjacent wetlands. It should be removed as soon as possible; more controls are needed.**



**View of new foundations in place at Oxbow Junction.**



**View of the ROW looking toward Foot Hills Rd and Johnson Ln.**



**Timber mat crossing off Johnson Ln. Monitor turbidity carefully here as the adjacent area provides amphibian breeding habitat.**



**Fuel containers are no longer located at the contractor receiving yard.**



**Run-off at the Little Lane wetland crossing. Silt fence check dams were filtering most before it left site.**





**View of structures installed off Little Lane.**



**View of a foundation drilled off Cherry Hill Road (west).**



**View of well installed haybales and fiber rolls at the timber mat crossing off Powder Hill Rd. Sediment is filtered from the run-off before it flows off-site in this area. Some turbid water is retained here.**



**Fiber rolls and haybales west of Powder Hill Rd are filtering turbid water before it enters the pond. Remove any accumulated sediment from wetlands when water recedes and when sediment is deeper than 2".**



**Wetland crossing west of Powder Hill Rd.**



**Controls/check dams along the slope of Beseck Mt. Good efforts to control run-off were noted but stormwater volumes were high during the heavy rain.**



**Turbid water was overflowing the sediment trap east of Beseck SS and flowing directly into the wetlands here during a heavy rain event. Work with Beseck contractors to provide adequate capacity during larger storms.**



**Timber mat crossing remaining east of Beseck SS had turbid run-off. Controls need to be reinforced/extended.**



**View along the pond north of Beseck SS to E Meriden SS off Fleming Rd where pole installation is complete where sediment has filled controls to capacity immediately adjacent to the pond. A filter sock has been added as another layer of control but sediment should still be removed.**



**Turbid water entering stream from off site ball fields, south of High Hill Road. Repair/extend project controls as feasible.**



**Turbid water flowing from neighbor's driveway/activities and down the access road north of East Main Street.**



**View of the pads installed north of East Main Street. Structures were delivered for installation.**