

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 18, 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: 0.57” of precipitation was recorded in the week prior to inspection, with 0.44” on 6/16 (NOAA data at Meriden, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways	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. 6/18/07	Sweep the roadways and refresh stone as needed. Clean existing controls in CBs as necessary. 6/18/07	Not Applicable (NA)
Most work areas (including Oxbow Junction, Black Pond, Contractor Receiving Yard, Valley View Dr., Rte. 157, High Hill Rd., East Main Street, Fleming Rd.; Black Walnut Dr.)	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. 6/18/07	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. 6/18/07	Evaluate restricting ATV use if feasible.
Scovill SS west to Chestnut Junction	Construction/upgrade of the access road was underway off Rte 9 and moving east toward Scovill SS. New pad sites were also being installed.	Monitor wetlands at and around the site for run-off and add controls as needed. Controls should be added at stream crossings prior to	NA.

Areas of Inspection	Observation	Recommended Action	Corrected Action
Oxbow Junction to Beseck SS Haddam Quarter Rd. (Oxbow Junction) To Foot Hills Rd.	Rte. 9 was free of sediment. 6/18/07	equipment movement. 6/18/07	
	Stone was in place on the access road directly to the bank of one of the streams. 6/18/07	Although controls are in place, avoid placing stone up to a stream to reduce impacts. 6/18/07	Needs evaluation
Foot Hills Rd. to Johnson Lane	Controls (filter socks, haybales) remain in place along the road where needed. 6/18/07	Continue to add controls where needed, i.e. mulch, check dams, silt fence. Sweep roadway as needed. See erosion control section 6/18/07	NA at this time
	Access road crosses a small stream twice using timber mats but stops before the “no access area” to Johnson Lane.	Continue to monitor and adjust controls as needed 6/18/07	NA
Arbutus Street	The CB controls appear to be working properly. No sediment was noted in the wetlands at the outlet. 6/18/07	Monitor access entrance and maintain CB controls when needed. Sweep roadway as needed. 6/18/07	Needs to be monitored.
Little Lane	Access includes timber mats and a (temporary) culvert to cross a section of wetlands and small stream. No run-off was noted at the silt fence controls. 6/18/07	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 6/18/07	NA at this time
	A new access road was in place off Little Ln. near a neighbor’s driveway. A culvert is located near the new access. 6/18/07	Controls may be needed to prevent sediment from entering the culvert. Stabilize area when applicable. 6/18/07	Needs evaluation
Cherry Hill Rd.	A small steep access road is in place off the transfer station access road east of Cherry Hill Rd. Some sediment was noted on the roadway here (since 6/11). Timber mats are in place to the west. 6/18/07	Some steeper slopes were noted here, continue to watch for run-off and add controls as needed. Sweep sediment from roadway as needed. 6/18/07	Needs regular attention.
Durham Rd	Timber mats are in place for accessing pads in wetlands. Drilling has	Clean/sweep Durham Rd. as needed. See erosion control and dewatering	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Rte. 157 (east) & Elihu Dr.	<p>wetlands. Drilling has ceased one pole west of Durham Rd. 6/18/07</p> <p>Stone access road is in place, and timber mats remain through the wetlands towards the golf course. A broken drainage pipe is channeling water through the site and onto the roadway, carrying some sediment with it. 6/11-6/18/07</p>	<p>control and dewatering sections. 6/18/07</p> <p>Add controls as needed near wetlands. Sweep roadways and refresh stone as necessary to prevent tracking. Repair broken drain pipe if within project jurisdiction and stabilize areas as needed. 6/18/07</p>	Needs attention/evaluation.
Rte. 157 (west) Private Driveway	Private dirt driveway being used to access a pad site. A section of lawn was damaged from equipment accessing the ROW. 4/23-6/18/07	Maintain and adjust controls as needed. Work with landowner to repair the area of lawn as needed. 4/23-6/18/07	Needs attention and evaluation at completing of work in the area.
Powder Hill Rd	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 clearing up after the heavy rain and turbidity. 6/18/07	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 during larger storms. 6/18/07	Needs evaluation and further stabilization
Valley View Dr	A few minor scuffmarks from equipment were noted on the road surface. 6/18/07	Continue to monitor roadway and repair if needed. 6/18/07	NA
East of Beseck SS	The new timber mat staging area remains across the wetlands east of Beseck SS. Controls were not in place 6/11-6/18/07	Controls needed to be installed/extended to prevent sediment from entering the adjacent wetlands. 6/11-6/18/07	Timber mats installed but need attention/evaluation.
<p>Black Pond Junction to Beseck SS ROW, North of Beseck SS</p>	<p>Water bars are in place along the access road to divert turbid run-off to lines of staked haybales 6/18/07</p> <p>The stone tracking pads</p>	<p>Continue to monitor and adjust controls as needed. 6/18/07</p> <p>Monitor area for run-off</p>	<p>Water bars and haybales are maintained proactively.</p> <p>NA</p>

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>have helped to stabilize soils and muddy areas, including the new access road north of Beseck SS 6/18/07</p> <p>Access road crosses several streams and wetlands in this section 6/18/07</p> <p>Two access roads remain in place north of High Hill Rd. 6/18/07</p> <p>Access road is in place off East Main Street, within a condo development and to the north of E. Main St. Area looks good; no tracking noted. Fiber rolls in place along the slope. 6/18/07</p>	<p>and add controls as needed.. 6/18/07</p> <p>Continue to adjust and maintain controls as needed. See erosion controls section. 6/18/07</p> <p>Monitor for tracking and adjust controls as necessary. 6/18/07</p> <p>Monitor tracking into the development parking lot and sweep as needed. Continue to add controls as work progresses. 6/18/07</p>	<p>NA</p> <p>NA at this time.</p> <p>NA.</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>South of Contractor Yard Along Rte. 17 and Little Lane</p>	<p>Access road upgrade and pad construction has commenced. 6/18/07</p> <p>Foundations complete at Oxbow Jct and off Haddam Quarter Rd. upgradient of the wetland. 6/18/07</p> <p>Foundation drilling continues off Foot Hills Rd. and has begun off Johnson Ln. Controls remain upgradient of wetlands and around pads in both locations 6/18/07</p> <p>No additional work was noted here this week. 6/18/07</p> <p>Structures are in place here at the point where 1A and 1B rejoin. 6/18/07</p>	<p>Monitor and add controls as needed. See erosion control section. 6/18/07</p> <p>Continue to monitor and adjust controls. See erosion control section. 6/18/07</p> <p>Continue to monitor and adjust controls. See erosion control section. 6/18/07</p> <p>Continue to monitor. 6/18/07</p> <p>Monitor and add/adjust controls as needed. 6/18/07</p>	<p>NA.</p> <p>NA.</p> <p>NA.</p> <p>NA</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Cherry Hill Rd. (east & west)	A foundation was poured, and a settling tank used for dewatering (west). 6/18/07	Continue to monitor. Continue to use appropriate dewatering controls if needed. 6/18/07	NA
Durham Rd.	Foundation drilling ceased within wetland. Turbid water was flowing off-site. No controls installed. 6/18/07	Add controls as needed. Monitor area closely for run-off. See erosion control and dewatering sections. 6/18/07	Needs attention.
Rte. 157 (east & west) & Elihu Drive to East of Beseck SS	Pole installation is complete; 115-kv lines installed to new structures ending at the golf course off Elihu Dr. 345-kv lines will be installed upon completion of the new SS. 6/18/07	Monitor and adjust controls as needed. See access roads and erosion control section. 6/18/07	NA
Black Pond Junction to Beseck SS ROW, North of Beseck SS to East Meriden Substation	Pole installation continues. 6/18/07 Foundations being drilled at two locations. 6/18/07	Continue to monitor and see erosion control and dewatering section for more details. 6/18/07	NA.
South/north of High Hill Rd. crossing (vicinity of East Meriden SS to Black pond)	Foundations drilled and installed south of E. Main St. 6/18/07	Monitor area and add controls as needed. 6/18/07	NA.
	Crews were installing pulleys on new structures to prepare for line installation off East Main Street. 6/18/07	Continue to monitor and see erosion control section. 6/18/07	NA
	Grading and pad installation complete north of East Main Street. 6/18/07	Monitor tracking and controls during construction. 6/18/07	NA
Black Pond Jct.	Two structures were installed. 6/18/07	Continue to monitor and add controls as needed. 6/18/07	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.	Continue to add controls when entering sites for clearing, and as soon as soil is disturbed, when resource areas are adjacent 6/18/07	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Oxbow Junction to Beseck SS Haddam Quarter Rd. To Foot Hills Rd. (east)</p>	<p>6/18/07</p> <p>Add controls at wetland/stream crossings prior to installing new access road. 6/18/07</p> <p>Controls (Haybales, filter socks) were filtering any water as it leaves the site. Foundation installed near wetlands. Controls are needed still upgradient of the wetlands. 5/21-6/18/07</p>	<p>Controls needed during access road construction. 6/18/07</p> <p>Add controls as needed upgradient from wetlands. Monitor wetlands for run-off. 5/21-6/18/07</p>	<p>Needs evaluation and proactive attention.</p> <p>Needs evaluation</p>
<p>Foot Hills Rd. (west) and Arbutus Street</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. 6/18/07</p>	<p>Monitor controls and adjust as needed. Add controls along access road at run-off point. 6/18/07</p>	<p>NA</p>
<p>Black Walnut Dr.</p>	<p>Some of the recently installed stone was pushed into controls along the road. 4/2-6/18/07</p>	<p>Continue to adjust controls as needed and pull stone back from swales if necessary. 4/2-6/18/07</p>	<p>NA at this time</p>
<p>Contractor Receiving Yard and Storage Area</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 6/18/07</p> <p>A few fiber rolls have been run over along the access drive. 2/12-6/18/07</p>	<p>Continue to monitor and adjust controls to protect the resource area downgradient. 6/18/07</p> <p>Repair/replace damaged fiber rolls as needed. 2/12-6/18/07</p>	<p>NA</p> <p>Needs repair when feasible.</p>
<p>South of Contractor Yard Along Rte. 17 and Little Lane</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. 4/23-6/18/07</p> <p>Structure installation is largely complete here. Silt fence typically filters</p>	<p>Continue to add, maintain, and monitor controls as necessary. Repair fallen/untoed sections of silt fence 4/23-6/18/07</p> <p>Monitor and reinforce controls to ensure they adequately filter run-off.</p>	<p>Needs attention.</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Cherry Hill Rd. (west)	<p>turbid run-off before it leaves site. 6/18/07</p> <p>Timber mats were installed but controls have not been added. (noted 4/2). 6/18/07</p>	<p>6/18/07</p> <p>Continue to monitor slope for tracking and erosion. Ensure that controls are adequate to control run-off and dewatering. 6/18/07</p>	<p>NA</p>
Durham Rd.	<p>Timber mat crossing is in place west of Durham Rd. within the ROW. No controls have been added (noted since 6/11)</p> <p>Drilling has stopped, leaving the foundation excavation overflowing with turbid water. 6/18/07</p>	<p>Erosion controls are needed along the edges of the new access road during drilling. 6/11-6/18/07</p> <p>Pump turbid water into a settling tank or control/filter it. 6/18/07</p>	<p>Needs attention.</p>
Rte. 157 (east & west) & Elihu Dr.	<p>Controls remain up-gradient of the wetlands near the new pad site off Elihu Dr, and at the wetland crossing. 6/18/07</p> <p>A broken drainpipe is releasing water over the disturbed soils, creating channels and causing sedimentation. Turbid water is flowing onto the roadway and into a CB off Elihu Dr. 6/11-6/18/07</p>	<p>Continue to adjust or extend controls as work progresses in this area. 6/18/07</p> <p>Add controls to prevent sediment from leaving the site and add a silt liner into the CB until the drainpipe can be fixed. 6/11-6/18/07</p>	<p>NA</p> <p>Needs attention.</p>
Powder Hill Rd.	<p>Slopes remain mulched and seeded, drainage swales with culverts, haybale/stone check dams, sediment basins/traps, haybales, and filter socks are all in place.. 6/18/07</p> <p>Filter socks and haybales remain upgradient of the stream and pond (both sides) at the base of slope. Poned turbid run-off remains at the controls. Vegetation is helping to</p>	<p>Adjust controls as necessary. Stream crossings/culverts are temporary and will be removed at the end of the work. Despite good efforts on controls, turbid run-off is still an issue during larger storms. 6/18/07</p> <p>Controls should continue to be monitored and adjusted above the stream as needed Remove sediment accumulated around the controls and vegetation. 6/18/07</p>	<p>Despite good previous efforts, controls may need evaluation. Run-off is currently clear.</p> <p>Needs proactive attention/evaluation when feasible.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
East of Beseck SS	<p>trap sediment before it reaches streams. 6/18/07</p> <p>Accumulated sediment from past heavy rains can be seen in the wetlands west of Powder Hill Rd. when standing water recedes. 6/11-6/18/07</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. 4/2-6/18/07</p> <p>The riprap sediment trap east of Beseck SS contained dry sediment accumulation from the station yard from the recent heavy rain. 6/18/07</p> <p>Timber mats were in place through the wetlands for pulling wire. No controls were noted. (since 6/4) Turbid run-off is an issue during heavy rain. 6/18/07</p>	<p>Any sediment accumulation over 2” should be carefully removed from the wetland by hand. 5/29-6/18/07</p> <p>Adequately contain all sediment; the soil in the wetland will have to be removed carefully by hand. 4/2-6/18/07</p> <p>Refer to Beseck SS reports for more information and work with Beseck contractors to improve controls for larger storm events if feasible. 6/18/07</p> <p>Add controls at crossing and monitor pond/wetlands for turbid run-off. 6/18/07</p>	<p>Needs evaluation.</p> <p>Needs attention.</p> <p>NA (Not jurisdictional to this D&M).</p> <p>Needs attention.</p>
<p>Black Pond Junction to Beseck SS ROW, North of Beseck SS to East Meriden Substation</p> <p>Fleming Road</p>	<p>Small section of silt fence was undermined and turbid water flowing off site. 6/4-6/18/07</p> <p>Several areas of exposed soil were noted along this section of ROW. 6/4-6/18/07</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</p>	<p>Repair/reinforce silt fence as needed along wetlands 6/4-6/18/07</p> <p>Stabilize exposed areas as soon as possible to control erosion. 6/4-6/18/07</p> <p>Although the filter sock and new silt fence is in place, continue to stabilize this area. 6/18/07</p>	<p>Needs attention.</p> <p>Needs attention.</p> <p>New silt fence in place. Continue to stabilize.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
South of High Hill Rd. (vicinity of East Meriden Substation)	<p>as an additional line of control. (Noted 5/29) However, sediment still breached the controls on 6/4. A new line of silt fence remains in place. 6/18/07</p> <p>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. 6/18/07</p> <p>Fiber rolls remain appropriately installed and working well in the area north of E. Meriden SS. 6/18/07</p>	<p>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. 6/18/07</p> <p>Continue to monitor and adjust controls as needed Ensure the controls are adequate for run-off in this area. 6/18/07</p>	<p>Needs proactive attention.</p> <p>NA.</p>
High Hill Rd. (north to Black Pond)	<p>New drilling underway adjacent to a pond/wetland. Controls in place may not be adequate to contain all sediment. 6/18/07</p> <p>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 is an issue during larger storms. 6/18/07</p>	<p>Monitor controls closely and add more as needed. 6/18/07</p> <p>Adjust/reinforce controls. Stabilize adjacent areas in an attempt to reduce tracking to the mats 6/18/07</p>	<p>Needs evaluation</p> <p>Needs evaluation/attention.</p>
Black Pond	<p>Controls in place along slopes on both sides of the wetlands. 6/18/07</p> <p>Controls remain in place upgradient from wetlands off East Main Street. Drilling was not active and sediment issues were not observed. Continue</p>	<p>Monitor site for run-off and continue to adjust controls as necessary 6/18/07</p> <p>Monitor controls closely. Add controls as needed along the slope and wetlands near the new pad site and access road. 6/18/07</p>	<p>NA</p> <p>Controls in place.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	to extended controls as work progresses. 6/18/07		
<p>Inland Wetland and Watercourse encroachment and mitigation</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>Durham Rd.</p> <p>Powder Hill Rd.</p> <p>East of Beseck SS</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. 6/18/07</p> <p>Slight turbidity was present at Johnson Ln. due to past heavy rains. 6/18/07</p> <p>Perimeter controls are deteriorating in spots and should be repaired. The suspended sediment in the adjacent pond continues to settling. 5/14-6/18/07</p> <p>Clearing occurred within wetlands at the receiving yard part of 1B D&M plan. 6/18/07</p> <p>Drilling has stopped at a wetland/upland boundary off Durham Rd leaving the foundation hole overflowing with turbid run-off to adjacent wetlands. 6/18/07</p> <p>Several smaller streams remain culverted. When standing water recedes, some accumulated sediment from past heavy rains has been noted in wetland areas. 5/29-6/18/07</p> <p>Timber mat staging areas are in and adjacent to</p>	<p>Perform work in wetlands under the permitted guidelines. 6/18/07</p> <p>Monitor closely for sedimentation and add controls as needed. All crossings are temporary and will require restoration at the end of the work. 6/18/07</p> <p>Monitor and adjust controls as needed. See erosion control section 6/18/07</p> <p>Adjust/repair controls as needed around the site. 5/29- 6/18/07</p> <p>Not jurisdictional to this D&M Plan. See 1B reports for more information. 6/18/07</p> <p>Controls needed within the wetland to prevent sediment from leaving the timber mat pads. Appropriate dewatering measures also needed. 6/18/07</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. 5/29-6/18/07</p> <p>Adequately contain all sediment; the soil in the</p>	<p>NA</p> <p>NA</p> <p>NA.</p> <p>Continue to monitor pond. Controls need attention.</p> <p>NA (not jurisdictional to this D&M Plan)</p> <p>Needs attention.</p> <p>Needs evaluation.</p> <p>Needs attention Timber mats installed</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Black Pond Junction to Beseck SS High Hill Rd. South to East Meriden Substation and north to Black Pond</p>	<p>wetlands. Sediment was noted on and beyond the filter sock at the wetland's edge. 4/2-6/18/07</p> <p>An additional timber mat line pulling pad is in place and turbid run-off is an issue during heavy rain (noted 6/4) A hose/pump was noted within the pond and the pond was filled with turbid water. Activities were unclear. 6/18/07</p> <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 6/18/07</p>	<p>wetland will have to be removed carefully by hand. 4/2-6/18/07</p> <p>Controls are needed at the timber mats. 6/11-6/18/07 Clarification is needed on the reason for the hose/pump at the pond. Cease activities if it is resulting in the turbidity. 6/18/07</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. 6/18/07</p>	<p>in pond. Controls needed.</p> <p>Needs attention, evaluation and clarification</p> <p>NA</p>
<p>State species of concern, threatened and endangered species.</p> <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>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. 6/18/07</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, coyote pups and wild turkeys have been observed. These are not state listed species, but indicate good habitat.</p>	<p>April 1st 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 forage/migrate away from streams. 6/18/07</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 6/18/07</p>	<p>Consider mitigation/sweeps in this area.</p> <p>Continue to monitor</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>6/18/07</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.</p>	<p>Although these are not state listed species, continue to be mindful of equipment movement and work activities in these areas.</p>	<p>Continue to monitor</p>
<p>Vegetative clearing or stabilization</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. 6/18/07</p> <p>No issues were noted in the areas of new clearing off East Main St. 6/18/07</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 installed. 6/18/07</p>	<p>Retain species approved by the D&M plan wherever feasible. Temporarily stabilize exposed soil as necessary, especially in slope areas such as Beseck Mtn. 6/18/07</p> <p>Monitor new area for run-off. See erosion controls section. 6/18/07</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 the site. 6/18/07</p>	<p><i>In all areas, be aware of limits of clearing and stick to the specifications of the D&M plan</i></p> <p>NA</p> <p>Continue to evaluate.</p>
<p>Dewatering Oxbow Junction to Beseck SS</p> <p>Black Walnut Dr.</p> <p>Cherry Hill Rd. (west)</p> <p>Durham Rd.</p>	<p>Several settling basins remain in place off Black Walnut Dr. 6/18/07</p> <p>Settling tank used for dewatering during foundation work. 6/18/07</p> <p>Drilling within wetland stopped. Settling tank will be needed for dewatering as turbid water is currently overflowing off site.</p>	<p>Continue to use settling basins as needed. Monitor capacity of the basin when in use. 6/18/07</p> <p>When work is done remove settling tanks and pump trucks. 6/18/07</p> <p>Use settling tank for dewatering and add controls around timber mats. 6/18/07</p>	<p>NA</p> <p>NA.</p> <p>Needs attention.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
East of Beseck SS	6/18/07 Turbidity in ponds/wetlands here needs to be investigated. 6/18/07	Hose/pump noted. Clarify what is occurring here and identify and control the cause of turbidity. 6/18/07	Needs investigation.
Black Pond Junction to Beseck SS North of Beseck SS to East Meriden Substation	No active dewatering noted at this time in the High Hill Rd. area. Pole installation is complete. Slurry was well controlled. 6/18/07	None at this time. 6/18/07	NA
Fleming Rd.	Another containment area remains near the pad site in this section. 6/18/07	None at this time.. 6/18/07	NA
Blasting	No blasting is proposed. 6/18/07	None 6/18/07	
Spills, soils and material storage All active areas	Spill controls move from site to site with the equipment. 6/18/07	Always use spill control materials when working on equipment and during refueling. 6/18/07	NA
	Concrete washout containment was noted in the form of lined, dug basins off Valley View Rd, Cherry Hill Rd (east), East Main St. and in several other locations. 6/18/07	Provide appropriate containment for washouts. Be especially careful of concrete containment near wetlands. Plan to remove the material once work is complete. 6/18/07	Concrete washout basins were noted in several locations.
Oxbow Junction to Beseck SS Contractor Receiving Yard and Staging Area	Materials are being stored and structures staged in this area. No issues were currently noted. 6/18/07	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. 6/18/07	NA.
Haddam Quarter Rd.	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	Remove concrete material and ensure all containment areas have adequate capacity to store washout and test concrete. Locate containment areas away from wetlands when	Needs attention.

Areas of Inspection	Observation	Recommended Action	Corrected Action
Durham Rd. Black Pond Junction to Beseck SS	wetland. 6/4-6/18/07 The leaking equipment that had been stored in the vicinity of the wetland since 5/29 was removed from the site. Plastic tarp and spill pad used to contain the leak were left onsite. 6/18/07	possible. 5/29-6/18/07 Always remove broken equipment from wetlands and buffer zones. Remove plastic tarp, spill pad, and contaminated soil as soon as possible. 6/18/07	Needs attention.
	Portable sanitary facility has been located at the edge of the wetlands. 6/11-6/18/07	Remove sanitary facility from wetland edge. 6/11-6/18/07	Needs attention.
	Some equipment and supplies are being stored here. A large spill kit is stored onsite. 6/18/07	Always store equipment and supplies away from sensitive areas. Monitor and maintain equipment as needed and provide housekeeping on a regular basis. 6/18/07	NA at this time
Additional Observations	Weather is getting warmer and contractors should continue seeding disturbed areas for temporary stabilization as soon as possible. 6/18/07	Seed areas where work is complete or will be left unworked for longer than 1 month. 6/18/07	Continue seeding disturbed areas.

Next likely scheduled inspection: Monday June 25, 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



Access road installation was occurring west of Scovill SS off Rte 9.



Spill containment controls remaining from a leaking drill rig off off Haddam Quarter Rd. The drill rig was removed from the area. Controls and any affected soil should also be removed.



New foundation drilling was occurring off Johnson Lane.



View looking towards Johnson Lane from the top of slope at Foot Hills Rd.



Ponded water adjacent to the timber mat crossing off Johnson Ln. Continue to prevent turbidity and sedimentation here to the extent possible as it provides good amphibian breeding habitat.



View of the vegetated buffer zone/no access area at the Ball Brook crossing looking towards Black Walnut Drive.



Suspended sediment in the pond adjacent to the contractor receiving yard has largely settled out.



View of the junction off Little Lane where Segments 1A and 1B rejoin.



Drilling has stopped off Durham Road. Controls and dewatering containment are needed as turbid water was flowing off-site.



Portable sanitary facility located immediately adjacent to the wetlands off Durham Road. It should be relocated to an appropriate location in case of a tip or spill.



View of fiber rolls at the wetland crossing at the base of the slope off Powder Hill Rd.



Sediment accumulation from previous heavy rains could be seen in wetlands west of Powder Hill Rd. now that standing water receded. Where accumulated sediment is more than 2" deep, it should be carefully removed from wetlands by hand.



Coyote pups observed west of Powder Hill Rd.



Grass growth was noted along the slope of Beseck Mt. Continue to provide restoration in exposed soil areas.



Turbid water present within the wetlands east of Beseck SS. A hose was noted the wetlands but activity was unclear. The source of turbidity needs to be identified and controlled.



Foundation installation noted north of Beseck SS.



View of foundation drilling north of Beseck SS.



Foundation drilled north of East Meriden SS. Additional controls may be needed as work is immediately adjacent to a pond/wetland.



Line pulleys being installed south of East Main St.



Two new structures installed at Black Pond Junction.