

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: April 16, 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: 5.38” of precipitation was recorded in the week prior to inspection with 3.03” of the total reported on 4/15 (NOAA data at Meriden, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Access roads and adjacent roadways</p> <p>Most work areas (including Oxbow Junction, Black Pond, Contractor Receiving Yard, Valley View Dr., Rte. 157, High Hill Rd.)</p>	<p>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. 4/16/07</p>	<p>Sweep the roadways and refresh stone as needed. Clean existing controls in CBs as necessary. 4/16/07</p>	<p>Not Applicable (NA)</p>
<p>Scovill SS west to Chestnut Junction</p> <p><i>Area could not be viewed the week of 4/16 due to the heavy rains and road closures</i></p>	<p>An existing access road was being used for minor tree clearing from Scovill SS west to Rte. 9. Four streams were crossed using timber mats along the access road. Silt fence remains along some of the wetlands. 4/9/07</p>	<p>Clean sweep Freeman Road and Rte 9 as needed. Controls should be added as soon as soil will be disturbed in or adjacent to sensitive areas; this includes disturbance due to vehicle tracking. Crews should stabilize soil as they leave an area. 4/9/07</p>	<p>NA</p>
<p>Oxbow Junction to Beseck SS</p> <p>Haddam Quarter Rd. (Oxbow Junction) To Foot Hills Rd.</p>	<p>Controls (filter socks, haybales) remain in place along the road where needed. Turbid run-off was noted in several locations but was filtered prior to entering wetlands. 4/16/07</p>	<p>Continue to add controls where needed, i.e. mulch, check dams, silt fence. Sweep roadway as needed. 4/16/07</p>	<p>NA at this time.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Foot Hills Rd. to Johnson Lane	The access road here was extended to reach new pad. Access road crosses a small stream twice using timber mats but stops before the “no access area” to Johnson Lane. 4/16/07	Continue to monitor and adjust controls as needed. 4/16/07	NA
Arbutus Street	The CB controls appear to be working properly. No sediment was noted in the wetlands at the outlet. 4/16/07 Stone is in place on the access road slope upgradient of the matted wetland crossing. No run-off noted. 4/16/07	Monitor access entrance and maintain CB controls when needed. Sweep roadway as needed. 4/16/07 Continue to monitor and adjust controls as needed. 4/16/07	Needs to be monitored. NA
Black Walnut Dr.	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. 4/2-4/16/07	New stone layers should reduce run-off on steeper slopes. If necessary, pull back stone from the controls along the edges of the road. 4/2-4/16/07	One small section of down silt fence. Turbid water flowing off site into uplands no wetland impacts.
Little Lane	Access includes timber mats and a (temporary) culvert to cross a section of wetlands and small stream. Large volumes of stormwater were flowing from the crossing but were filtered by the silt fence. 4/16/07	Monitor and adjust controls, as needed. Culverts are temporary and are will be restored at the completion of work. 4/16/07	Silt fence was filtering large volumes of stormwater.
Cherry Hill Rd. (east)	A small steep access road is in place off the transfer station access road east of Cherry Hill Rd.. 4/16/07	Some steeper slopes were noted here, continue to watch for run-off and add controls as needed. 4/16/07	NA at this time
Cherry Hill Rd. (west)	Timber mats are in place moving west to Durham Rd. to access pole locations. Area is stable. 4/16/07	Clean/sweep Durham Rd. as needed. See erosion control section 4/16/07	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Durham Rd <i>Area could not be viewed the week of 4/16 due to the heavy rains and road closures</i></p>	<p>No active access road construction was observed this week west of Durham Rd. Timber mats are in place for accessing pads in wetlands. 4/9/07</p>	<p>Add controls as needed near wetlands. Sweep roadways and refresh stone as necessary to prevent tracking. 4/9/07</p>	<p>NA</p>
<p>Rte. 157 (east) & Elihu Dr. <i>Area could not be viewed the week of 4/16 due to the heavy rains and road closures</i></p>	<p>A small section of stone access road is in place, but the remainder of the road will be through the wetland and vehicle tracking is occurring. 4/9 Contractors had hoped to avoid working through the wetland but access was not granted. 4/16/07</p>	<p>Sweep roadways and refresh stone as necessary to prevent tracking. Continue to use appropriate crossing methods in the wetland. 4/16/07</p>	<p>NA</p>
<p>Rte. 157 (west) Private Driveway <i>Area could not be viewed the week of 4/16 due to the heavy rains and road closures</i></p>	<p>Private dirt driveway being used to access a pad site. 4/9/07</p>	<p>Add controls as needed near wetlands and stabilize driveway during construction. More stone may be needed on access road to reduce tracking. 4/9/07</p>	<p>Needs regular attention</p>
<p>Powder Hill Rd</p>	<p>Access road is in place east and west of Powder Hill Rd. The stone, culverts, drainage ditches, filter socks and sediment trap areas remain in place to contain and filter run-off. The majority of the site was well controlled due to previous good efforts. 4/16/07</p> <p>Despite extensive controls, the large volume of stormwater overwhelmed some locations and turbid run-off was noted at the bottom of the slopes on both sides of the pond. The pond has suspended sediment. 4/16/07</p> <p>Powder Hill Rd was free of sediment tracking. 4/16/07</p>	<p>Maintain and adjust controls as needed. Continue to monitor and stabilize road as necessary. 4/9/07</p> <p>Continue to reinforce and repair controls damaged by this storm. 4/16/07</p> <p>Continue to sweep the roadway on a regular basis. The stone entrance</p>	<p>NA</p> <p>Needs additional attention following the large storm event.</p> <p>NA.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
East of Beseck SS	Turbid water from Beseck SS has overtopped the sediment trap and should be repaired by Beseck contractors. 4/16/07	should be refreshed to reduce tracking. 4/16/07 Monitor and adjust controls to continue filtering the turbid water. Refer to Beseck report for more information. 4/16/07	NA (Not jurisdictional to this D&M)
Black Pond Junction to Beseck SS ROW, North of Beseck SS	Water bars are in place along the access road to divert turbid run-off to lines of staked haybales. Controls and drainage here were recently improved. 4/16/07	Continue to monitor and adjust controls as needed. 4/16/07	NA
Fleming Road	The stone tracking pads have helped to stabilize soils and muddy areas. 4/16/07 Fleming Rd. was free of sediment. Stone tracking pads should be added to the alternate access road if it will continue to be used. 4/16/07	Monitor and maintain tracking pad and continue to work on problem areas. 4/16/07 Add controls/tracking pad at ROW access points to prevent sediment tracking. Sweep roadway on a regular basis. 4/16/07	NA. NA
South of High Hill Rd. crossing (vicinity of East Meriden SS)	Access road installation is complete in this section resulting in several stream and wetland crossings. 4/16/07	Continue to adjust and maintain controls as needed. See erosion controls section. 4/16/07	NA
North of High Hill Rd. crossing (north to Black Pond)	High Hill Rd has minor sediment tracking from the E. Meriden SS access and the stone entrance pad is clogged with soil. 4/2-4/16/07 Two stone access roads were installed north off High Hill Rd. 4/16/07	Sweep the roadway and clean/re-fresh the tracking pad as needed. 4/2-4/16/07 Monitor for tracking and install controls as necessary. 4/16/07	Needs regular attention. NA at this time.
Foundation and site construction Scovill SS west to Chestnut Junction	Only clearing and access at this time. 4/9/07 (Area not seen 4/16/07)	Monitor and add controls as needed. See erosion control section. 4/9/07	NA
Oxbow Junction to Beseck SS	No new work noted. 4/16/07	Continue to monitor sediment tracking	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Haddam Quarter Rd. to Foot Hills Rd.; Arbutus Street</p>	<p>4/16/07</p> <p>Pads were in place off Haddam Quarter Rd. upgradient of the wetland. 4/16/07</p> <p>A pole was installed west of Arbutus St. 4/16/07</p> <p>The access road was extended west of Foot Hills Rd. Controls remain above wetlands and around pads. 4/16/07</p> <p>Good controls remain at wetland crossings off Johnson Ln. 4/16/07</p>	<p>sediment tracking. 4/16/07</p> <p>Continue to monitor and adjust controls. See erosion control section. 4/16/07</p> <p>Continue to monitor and adjust controls. See erosion control section. 4/16/07</p> <p>Add controls as needed and monitor wetlands. See erosion control section. 4/16/07</p> <p>Area looks good, monitor controls closely. See erosion control section. 4/16/07</p>	<p>NA</p> <p>NA.</p> <p>NA.</p> <p>NA.</p>
<p>Black Walnut Dr. (east)</p>	<p>Several foundations and poles are on place. No additional work noted. 4/16/07</p>	<p>Monitor and add/adjust controls as needed. See erosion control section. 4/16/07</p>	<p>NA</p>
<p>North of Contractor Yard Along Rte. 17 and Little Lane</p>	<p>No additional work was noted here this week. 4/16/07</p>	<p>Continue to monitor. 4/16/07</p>	<p>NA</p>
<p>Cherry Hill Rd. (west)</p>	<p>Timber mats are in place to access a future pad site. 4/16/07</p>	<p>Add controls as needed as work continues. See access road section. 4/16/07</p>	<p>NA</p>
<p>Rte. 157 (east & west) & Elihu Drive.</p>	<p>Pad sites are being constructed and access road construction will continue. 4/9/07 Site could not be viewed 4/16/07</p>	<p>Add controls as needed as work continues. 4/16/07</p>	<p>NA</p>
<p>Powder Hill Rd.</p>	<p>Foundation drilling has resumed. 4/16/07</p>	<p>Monitor and adjust controls as needed. See erosion control section. 4/16/07</p>	<p>NA</p>
<p>Valley View Drive East of Beseck SS</p>	<p>No new work at this time. 4/16/07</p>	<p>Monitor and adjust controls as needed. 4/16/07</p>	<p>NA</p>

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<p>Black Pond Junction to Beseck SS ROW, North of Beseck SS to East Meriden Substation</p> <p>South/north of High Hill Rd. crossing (vicinity of East Meriden SS to Black pond)</p> <p>Black Pond</p>	<p>Poles are now being installed in this section. 4/16/07</p> <p>Foundation drilling and pole installation continues. The foundation was being poured north of East Meriden SS in the wetland. 4/16/07</p> <p>Pad grading to the installation of the next pole is complete. The access road was extended slightly. 4/16/07</p>	<p>4/16/07</p> <p>Continue to monitor and see erosion control section for more details. 4/16/07</p> <p>Continue to monitor and see erosion control section. 4/16/07</p> <p>Continue to monitor and add controls as needed. 4/16/07</p>	<p>NA.</p> <p>NA.</p> <p>NA</p>
<p>Erosion and sediment controls Scovill SS west to Chestnut Junction</p> <p><i>Area could not be viewed the week of 4/16 due to the heavy rains and road closures</i></p> <p>Oxbow Junction to Beseck SS Haddam Quarter Rd. To Foot Hills Rd. (east)</p> <p>Foot Hills Rd. (west)</p> <p>Arbutus Street</p>	<p>Stumps were left in place to reduce erosion following minor tree clearing. 4/9/07</p> <p>Silt fence has been added in some areas along the access road to filter run-off due to adjacent wetlands. 4/9/07</p> <p>Turbid run-off was noted in several locations but controls (haybales, filter socks) were filtering the water as it left the site. 4/16/07</p> <p>Silt fence, filter socks and hay mulch remain along the timber mat wetland crossing. 4/16/07</p> <p>Controls are in place at the extension of the pad east of Arbutus St. and filter socks, silt fence, riprap sediment trap and hay mulch are being used to filter run-off west of Arbutus St. 4/16/07</p>	<p>Monitor and add controls if needed. 4/16/07</p> <p>Add controls when entering sites for clearing and as soon as soil is disturbed, when resource areas are adjacent. 4/16/07</p> <p>Continue to add controls, i.e. mulch, check dams, silt fence, haybales, etc., and a tracking pad as needed to contain sediment. 4/16/07</p> <p>Continue to monitor and add controls as needed. 4/16/07</p> <p>Monitor controls and wetlands for sediment. Adjust/extend controls as needed. 4/16/07</p>	<p>NA</p> <p>NA</p> <p>Controls were filtering run-off</p> <p>NA</p> <p>NA.</p>

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Black Walnut Dr.	<p>Due to heavy rains, a portion of silt fence was overwhelmed and turbid water was flowing off site. However, sediment was not reaching wetlands. 4/16/07</p>	<p>Continue to adjust controls as needed and ensure that the filter socks and drainage ditches are adequate to filter run-off. 4/16/07</p>	<p>Silt fence needs attention when feasible.</p>
	<p>Some of the recently installed stone was pushed into controls along the road. 4/2-4/16/07</p>	<p>Continue to adjust controls as needed and pull stone back from swales if necessary. 4/2-4/16/07</p>	<p>NA</p>
	<p>Bark mulch, haybales and filter socks remain along the steep slope of the pad upgradient of Ball Brook. 4/16/07</p>	<p>Continue to monitor and adjust controls to protect the resource area downgradient. 4/16/07</p>	<p>NA</p>
Contractor Receiving Yard and Storage Area	<p>A few fiber rolls have been run over along the access drive. 2/12-4/16/07</p>	<p>Repair/replace damaged fiber rolls. 2/12-4/16/07</p>	<p>Needs repair when feasible.</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. 4/16/07</p>	<p>Continue to add, maintain, and monitor controls as necessary. Repair fallen sections of silt fence. 4/16/07</p>	<p>Needs attention.</p>
North of Contractor Yard Along Rte. 17 and Little Lane	<p>Large volumes of stormwater were putting stress on the controls but run-off was clear as it left the site. 4/16/07</p>	<p>Monitor and reinforce controls to ensure they adequately filter run-off. 4/16/07</p>	<p>NA</p>
Cherry Hill Rd. (east)	<p>Filter socks were in place along the steep slope at the pad site east of Cherry Hill Rd. 4/16/07</p>	<p>Continue to monitor pad installation for tracking and erosion down the steep slope. Ensure that controls are adequate to control run-off. 4/16/07</p>	<p>NA</p>
Cherry Hill Rd. (west)	<p>Timber mats were installed but controls have not been added. 4/2-4/16/07</p>	<p>Watch for run-off or sedimentation and add controls as needed. 4/2-4/16/07</p>	<p>Needs to be monitored.</p>
Durham Rd. <i>Area could not be viewed</i>	<p>Wetland crossings were in place west of Durham</p>	<p>Erosion controls may be needed along the edges of</p>	<p>Needs to be monitored</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p><i>the week of 4/16 due to the heavy rains and road closures</i></p> <p>Rte. 157 (east & west) & Elihu Dr. <i>Area could not be viewed the week of 4/16</i></p> <p>Powder Hill Rd.</p> <p>Valley View Drive</p> <p>East of Beseck SS</p>	<p>in place west of Durham Rd. within the ROW. 4/9/07</p> <p>Controls remain along pad sites. Area is muddy but run-off was not noted. Avoid vehicle tracking in the wetland area. 4/9/07</p> <p>Slopes remain mulched and seeded, drainage swales with culverts and haybale check dams, sediment basins/ traps, haybales, filter socks, and stone check dams are all in place. Vegetation is helping to trap sediment before it reaches the streams. 4/16/07</p> <p>Additional filter socks were added upgradient of the stream and pond (west side) at the base of slope. Despite the good efforts, the heavy rains overwhelmed the controls in some spots and turbid run-off was noted entering the pond. 4/16/07</p> <p>Existing vegetation and root masses currently stabilize the pad slopes to the east of Powder Hill Rd. 2/20-4/16/07</p> <p>Erosion controls remain along the edge of the access road. 4/16/07</p> <p>At the spot adjacent to the wetlands east of Beseck SS, fiber rolls (filter socks) remain adjacent to the timber</p>	<p>needed along the edges of the new access road if sedimentation is noted Monitor surrounding wetlands closely. 4/16/07</p> <p>Adjust or extend controls as work progresses in this area. 4/9/07</p> <p>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. 4/16/07</p> <p>Controls should be monitored above the stream and west side of the pond to prevent further sedimentation. Repair the damage caused by the storm and reinforce controls. 4/16/07</p> <p>Watch for changes in run-off patterns that may affect neighboring properties. Temporary stabilization and controls may be needed. 1/23/07-4/16/07</p> <p>Continue to monitor controls and roadway. 4/16/07</p> <p>The sediment will have to be carefully removed by hand from the wetland's edge. 4/2-4/16/07</p>	<p>Needs to be monitored</p> <p>Significant efforts were made to reduce run-off</p> <p>Run-off from many areas was controlled, but the heavy rains resulted in the need for repairs.</p> <p>Needs to be monitored.</p> <p>NA</p> <p>Needs attention.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Black Pond Junction to Beseck SS ROW, North of Beseck SS to East Meriden Substation</p>	<p>adjacent to the timber mat pads but sediment (likely from snow clearing) has been piled on and over the socks. 4/2-4/16/07</p> <p>Water bars and haybales remain in place along the access road. Stone was used at saturated areas to stabilize the access road and pads 4/16/07</p>	<p>Continue to monitor runoff and ensure it does not reach wetlands. Add more controls and remove sediment from existing controls to restore capacity as necessary. 4/16/07</p>	<p>NA.</p>
<p>Fleming Road</p>	<p>Haybales and silt fence remain adjacent to the pond north of Beseck. 4/16/07</p> <p>Several lines of good controls are in place and mulch covers adjacent disturbed areas. Controls were maintained while a pole was being installed. 4/16/07</p>	<p>Monitor controls and ensure that all dewatering slurry be adequately contained away from the wetlands. 4/16/07</p> <p>Controls look good. Monitor, adjust, and extend controls as needed. 4/16/07</p>	<p>NA</p> <p>Pole being installed with no apparent sediment issues.</p>
<p>South of High Hill Rd. (vicinity of East Meriden Substation)</p>	<p>Filter socks are in place along the edge of wetland areas. Stream banks remain mulched with hay and partial bales. Filter socks were removed from the channel. 4/16/07</p> <p>Due to the heavy rains, the filter socks were undermined in an area north of E. Meriden SS and turbid water was flowing into the pond. 4/16/07</p> <p>A concrete foundation was being poured adjacent to the stream. Controls were in place and slurry was dewatered into a settling tank by a pump truck. No issues noted 4/16/07</p>	<p>Continue to monitor and adjust controls as needed 4/16/07</p> <p>Controls should be repaired and reinforced. Toe-in fiber rolls to ensure water doesn't channel underneath. 4/16/07</p> <p>Monitor controls and continue to contain slurry and excess concrete away from resource areas. 4/16/07</p>	<p>NA.</p> <p>Controls were overwhelmed and need attention.</p> <p>Activities were well controlled.</p>

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<p>High Hill Rd. (north to Black Pond)</p> <p>Black Pond</p>	<p>noted. 4/16/07</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 4/16/07</p> <p>Controls are in place along the new access off High Hill Rd. 4/16/07</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. 4/2-4/16/07</p> <p>Mulch and controls are in place at disturbed areas as work progresses. 4/16/07</p>	<p>Controls may need to be reinstalled in the channel when work in this area continues. Controls or regular cleaning will be needed on the timber mats as well to prevent sediment from seeping through. 4/16/07</p> <p>Continue to monitor and adjust as needed. 4/16/07</p> <p>Adjust controls as needed. Stabilize adjacent areas in an attempt to reduce tracking to the mats. 4/2-4/16/07</p> <p>Monitor controls and continue to adjust as necessary. 4/16/07</p>	<p>Water was clear leaving the site.</p> <p>NA</p> <p>Needs minor attention.</p> <p>NA.</p>
<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.</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. 4/16/07</p> <p>Additional controls have been added along the ROW and run-off is clear following the turbidity issues. 4/16/07</p> <p><i>Ambystoma</i> (salamander) and wood frog egg masses were noted in the ponded water at the wetland crossing off Johnson Ln. Other</p>	<p>Perform work in wetlands under the permitted guidelines. 4/16/07</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. 4/16/07</p> <p>Monitor and adjust controls as needed. See erosion control section. 4/16/07</p> <p>At this time of year, continue to be very mindful of controlling sediment and reducing access near wetlands used for amphibian breeding.</p>	<p>NA</p> <p>NA</p> <p>Additional controls were added at wetland crossing.</p> <p>NA.</p>

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Contractor Storage Yard	<p>amphibians were also noted. Slight turbidity was present due to heavy rains. 4/16/07</p> <p>The controls appear to be filtering turbid water flowing from the site. The turbidity of the adjacent pond does not appear to be related to the site at this time. 4/16/07</p>	<p>Continue to monitor. Adjust controls as needed around the site. 4/16/07</p>	<p>NA at this time.</p>
<p>Durham Rd. <i>Area could not be viewed the week of 4/16</i></p>	<p>Access at Durham Rd remains halted at a deeper area in the wetland that is difficult to cross. 4/9/07</p>	<p>Continue to monitor. Adjust controls as needed around the site. 4/9/07</p>	<p>NA at this time</p>
Powder Hill Rd.	<p>Several smaller streams remain culverted. Numerous adjustments were made to filter run-off but turbid water was flowing into the wetlands in some locations despite the good controls. 4/16/07</p>	<p>Continue to monitor and add controls as needed. All crossings are temporary and will require restoration at the end of the work. See erosion controls section. 4/16/07</p>	<p>Needs some attention.</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. 4/2-4/16/07</p>	<p>Adequately contain all sediment; the soil in the wetland will have to be removed carefully by hand. 4/2-4/16/07</p>	<p>Needs attention</p>
<p>Black Pond Junction to Beseck SS Fleming Rd.</p>	<p>Foundation work is complete adjacent to the edge of the pond. The limits of the controls were maintained well during the work 4/16/07</p>	<p>Continue to monitor the work along wetlands. 4/16/07</p>	<p>NA</p>
<p>High Hill Rd. South to East Meriden Substation and north to Black Pond</p>	<p>Pad site/work area is in place in several locations in or adjacent to the wetlands and streams. The flow is being re-routed through a riprap channel and culvert at one location. Good controls are in place but turbid water was</p>	<p>Continue to stabilize soils and adjust controls as necessary to protect wetlands and filter turbid run-off. See erosion control section for more details. 4/16/07</p>	<p>NA.</p>

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	<p>overwhelming the controls in one spot and entering the pond. 4/16/07</p>		
<p>State species of concern, threatened and endangered species.</p>	<p>According to the D&M plan, state-listed species are not located in the current work areas. 4/16/07</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 in place upgradient from the habitat. 4/16/07</p> <p>Egg masses (frog and salamander) were observed at the wetland crossing off Johnson Ln. These are not state listed species, but indicates good habitat. 4/16/07</p>	<p>None. 4/16/07</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. 4/16/07</p> <p>Monitor wetlands and timber mat crossings for proper sediment control allow animals to migrate as needed. Do not move mats to avoid disturbance to egg masses unless necessary. 4/16/07</p>	<p>NA</p> <p>Alternative access was constructed to reach poles without crossing Ball Brook.</p> <p>Consider mitigation/ sweeps in the pad area closest to the habitat.</p> <p>NA at this time.</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>Now that ACOE permits have been obtained, clearing continues in several sections 4/16/07</p> <p>Many pad sites are along slopes and may have issues with erosion as the rainy season is here. 4/16/07</p> <p>Clearing had occurred here. Stumps were retained along the edge of the pond to stabilize soils. 4/16/07</p>	<p>In all areas, be aware of limits of clearing and stick to the specifications of the D&M plan. 4/16/07</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. 4/16/07</p> <p>Continue to further stabilize soils as necessary. See erosion control section. 4/16/07</p>	<p>NA</p> <p>Needs to be monitored</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>ROW west of Scovill Rock SS to Chestnut Junction <i>Area could not be viewed the week of 4/16</i></p>	<p>4/16/07 Minor clearing has occurred from Scovill Rock SS to Rte. 9 within the existing ROW. Trees have been felled and stockpiled. Stumps were left to stabilize soils. Some ruts and sedimentation are occurring along the access road. Controls have been installed in a number of spots. 4/9/07</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. 4/9/07</p>	<p>Controls added in several areas. Continue to evaluate.</p>
<p>Dewatering Oxbow Junction to Beseck SS Powder Hill Rd.</p> <p>Black Pond Junction to Beseck SS North of Beseck SS to East Meriden Substation</p> <p>Fleming Rd.</p>	<p>Active dewatering was not observed west of Powder Hill Rd. Dewatering slurry was well contained within a sediment basin. 4/16/07</p> <p>A foundation was being drilled/poured adjacent to the East Meriden Substation. Dewatering was occurring and a pump truck was transported slurry to a settling tank. Containment basins and filter bags surrounded by haybales are also in place. 4/16/07</p> <p>Another containment area remains near the new pad site in this section. 4/16/07</p>	<p>Continue to monitor the capacity of the sediment basin and add controls as needed. 4/16/07</p> <p>Adjust controls as necessary. All slurry from dewatering and foundation installation appears to be contained at this location. Continue to provide adequate capacity and containment. 4/16/07</p> <p>Continue to monitor capacity of the basin and adjust controls as necessary. 4/16/07</p>	<p>NA</p> <p>Dewatering is occurring from a pump truck and settling tanks.</p> <p>NA</p>
<p>Blasting</p>	<p>No blasting is proposed. 4/16/07</p>	<p>None 4/16/07</p>	<p>NA</p>
<p>Spills, soils and material storage All active areas</p>	<p>Spill controls move from site to site with the equipment. 4/16/07</p> <p>Concrete washout containment was noted in the form of lined, dug basins off Valley View Rd and in several other</p>	<p>Always use spill control materials when working on equipment and during refueling 4/16/07</p> <p>Provide appropriate containment for washouts. Be especially careful of concrete containment near</p>	<p>NA</p> <p>Concrete washout basins were noted in several locations.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Oxbow Junction to Beseck SS Contractor Receiving Yard and Staging Area</p>	<p>locations. 4/16/07</p> <p>Materials are being stored and structures staged in this area. Fuel tanks are in place on their stone spill control pad. Nozzles are hung off the top of the tank. Minor drips were noted at one tank. Fire extinguishers and spill kits are located near the fuel tanks. 4/16/07</p> <p>A sanitary facility (port-a-john) had been knocked over by the wind off Black Walnut Dr. No wetlands were in the vicinity. 4/16/07</p>	<p>wetlands. Plan to remove the material once work is complete. 4/16/07</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 4/16/07</p> <p>Pick up the port-a-john and provide any necessary clean-up. 4/16/07</p>	<p>Small drips spots were noted from the handle.</p> <p>Needs attention.</p>
<p>Black Pond Junction to Beseck SS</p>	<p>Site is very active and equipment and supplies are being stored here. A large spill kit was stored onsite near the portable sanitary facility. 4/16/07</p> <p>A sanitary facility (port-a-john) was noted adjacent to a wetland. 4/9-4/16/07</p> <p>One piece of equipment (blue rental fork lift) was still dripping oil along the access road. 4/9-4/16/07</p> <p>Refueling equipment was also noted next to the wetlands off High Hill Rd. No spill pads were being used, but a spill kit was noted with the truck. 4/16/07</p>	<p>Always store equipment and supplies away from sensitive areas. Monitor and maintain equipment as needed and provide housekeeping on a regular basis. 4/16/07</p> <p>In general, store potentially spillable materials or equipment 100 ft away from wetlands where feasible. 4/9-4/16/07</p> <p>Continue to maintain equipment. Repair leak as soon as possible and don't use this equipment near wetlands until maintenance occurs. 4/9-4/16/07</p> <p>Always use spill pads when refueling and working on equipment to reduce the potential for spills. Equipment should not be refueled within 110-ft of sensitive areas</p>	<p>NA at this time</p> <p>Needs some attention.</p> <p>Needs attention.</p> <p>Needs attention.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
		unless absolutely necessary. 4/16/07	
Additional Observations	<p>Non-project related debris (cups, pizza boxes, etc.) was noted off Arbutus Street. 4/16/07</p> <p>Weather is getting warmer and contractors should consider seeding disturbed areas for temporary stabilization when feasible. 4/16/07</p> <p>Considering the heavy rainfall over the last week, contractors have done a commendable job preparing for storms. 4/16/07</p>	<p>Monitor and clean debris when in the area. 4/16/07</p> <p>Seed areas where work is complete or will be left unworked for longer than 1 month. 4/16/07</p> <p>Continue to monitor and prepare for major storm events. 4/16/07</p>	<p>Non-project related debris noted.</p> <p>Consider seeding disturbed areas.</p> <p>Sites were well controlled in preparation for the rain.</p>

Next likely scheduled inspection: Monday April 23, 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



ROW access off Rte 9. No sediment tracking noted or turbid run-off noted.



Wetland crossing off Little Ln. A large volume of water was leaving the site through the controls but the run-off was clear.



Portable sanitary facility has tipped in the ROW off Black Walnut Dr. Wetlands are not in the vicinity but the area needs to be cleaned up.



Section of silt fence in disrepair off Black Walnut Dr. Turbid water was flowing off site but wetlands are not in the vicinity.



Wetland and stream crossing off Foot Hills Rd. Mats were installed and turbid run-off was not noted.



***Ambystoma* and wood frog egg masses were noted in the ponded water adjacent to a timber mat crossing off Johnson Ln. Slight turbidity was present with the heavy rain. Continue to prevent turbidity and sedimentation here to the extent possible.**



Timber mat wetland crossings have controls, including haybale check dams and filter socks installed downgradient off Johnson Lane



Both nozzles were hung on top of the fuel tanks within the contractor receiving yard. One minor spill/drip was noted during this inspection.



Pond at the contractor receiving yard is increasingly turbid in the heavy rain. A direct source from the contractor yard has not been identified as controls remain in place. This is likely a result of non-project related adjacent land use.



Wetland crossing off Powder Hill Road. Turbidity was observed within the wetlands at this inspection. Several controls were damaged from this week's significant storm.



View of newly installed haybales and fiber rolls at the base of the slope off Powder Hill Rd. Sediment is filtered from the run-off before it flows off-site in this area.



View of a drainage swale with haybale/stone check dams installed along the access road off Powder Hill Rd. Run-off is diverted and attempts are made to filter prior to it leaving the site.



Foundations were being drilled off Powder Hill Rd.



Access road north of Beseck SS is well controlled with stone in place to stabilize the soils and reduce run-off. Haybale and filter sock barriers are in place for additional control.



Sediment (likely from snow clearing) was noted on and beyond the filter sock at the matted pad near Beseck SS. Sediment in the wetland needs to be carefully removed by hand.



New poles were constructed moving north of the Beseck SS.



Controls remain in place along the pond north of Beseck SS to E. Meriden SS off Fleming Rd. Controls appear to have contained all soils at this time. Slopes were mulched for temporary stabilization.



Controls just north of E. Meriden SS are being undermined by turbid run-off which is reaching the pond. These controls need to be re-established and toed into the soil, or replaced with more effective controls.



View of the channel banks and adjacent soil temporarily stabilized. in the ROW between E. Meriden SS to Black Pond. Timber mats are in place for workspace and access.



Foundation being installed south of High Hill Rd adjacent to a stream. No sediment was noted entering the stream from the pad. A pump truck and settling tank were being used for slurry control.