

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 2, 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: 0.00” of precipitation was recorded in the week prior to inspection (NOAA data at Meriden, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways			
Most work areas (including Oxbow Junction, Black Pond, Contractor Receiving Yard, Valley View Dr., Rte. 157)	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. 4/2/07	Sweep the roadways and refresh stone as needed. Clean existing controls in CBs as necessary. 4/2/07	Not Applicable (NA)
Scovill SS west to Chestnut Junction	An existing access road was being used for minor tree clearing from Scovill SS west to Rte. 9. Three streams were crossed using timber mats along the access road. Turbid water pooling on the access road has settled and clear water was now draining into adjacent wetlands. However, the road surface is disturbed from vehicle tracking and the potential for turbid run-off remains. 4/2/07	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. 4/2/07	Needs attention
Oxbow Junction to Beseck SS	The pond adjacent to the access road has some haybales in place; a filter	Continue to add controls where needed, i.e. mulch, check dams, silt fence, to	Filter socks were added in run-off areas and flow from the site was

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Haddam Quarter Rd. (Oxbow Junction) To Foot Hills Rd.	sock remains in place along the length of the pond. Filter socks were also added at the wetland crossing and at the turn onto ROW following last week's observation of turbid run-off. 4/2/07	control sediment and prevent erosion. Sweep roadway as needed. 4/2/07	mostly clear.
Arbutus Street	<p>The CB controls appear to be working properly. No sediment was noted in the wetlands at the outlet. 4/2/07</p> <p>Stone was being added to the access road slope upgradient of the matted wetland crossing. Stone was also being added to a pad site here. No run-off noted. 4/2/07</p>	<p>Monitor access entrance and maintain CB controls when needed. Sweep roadway as needed. 4/2/07</p> <p>Continue to monitor and adjust controls as needed. 4/2/07</p>	<p>Needs to be monitored.</p> <p>Access road and pad work were being performed.</p>
Black Walnut Dr.	<p>Controls are in place along the base of slope of the access road and at the culverted stream. Additional layers of stone are now in place over the base stone but some stone has been pushed into the swales and haybales along the road. 4/2/07</p>	<p>Continue to monitor this area carefully due to steeper slopes and adjacent wetlands. New stone layers should reduce run-off on steeper slopes. If necessary, pull back stone from the controls along the edges of the road. 4/2/07</p>	NA at this time.
Little Lane	<p>Access includes timber mats and a (temporary) culvert to cross a section of wetlands and small stream. Following the observation of turbid run-off last week, the section of silt fence was repaired and clear water was noted flowing from the crossing. 4/2/07</p>	<p>Monitor and adjust controls, as needed. Culverts are temporary and are will be restored at the completion of work. 4/2/07</p>	The section of silt fence was repaired.
Cherry Hill Rd. (east)	Some minor sediment tracking was noted on the roadways in this area. 4/2/07 The transfer station	Sweep roadways on a regular basis and refresh construction entrance stone as needed. 4/2/07 Some steeper slopes were	Needs regular attention NA

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Cherry Hill Rd. (west)	<p>access road east of Cherry Hill Rd. is used to reach pad areas within the transfer station. A small steep access road off the transfer station road was installed. 4/2/07</p> <p>Timber mats were installed moving west to Durham Rd. to access pole locations. Area is stable. 4/2/07</p>	<p>noted here, continue to watch for run-off and add controls as needed. 4/2/07</p> <p>Monitor area and add controls as needed. 4/2/07</p>	NA
Durham Rd	<p>No active access road construction was observed this week west of Durham Rd. Timber mats are in place for accessing pads in wetlands. 4/2/07</p>	<p>Clean/sweep Durham Rd. as needed. See erosion control section 4/2/07</p>	NA
Rte. 157 (east) & Elihu Dr.	<p>A small section of stone access road has been installed but the remainder of the road is muddy. Area contains adjacent wetlands. 4/2/07</p>	<p>Add controls as needed near wetlands. Sweep roadways and refresh stone as necessary to prevent tracking. 4/2/07</p>	NA
Rte. 157 (west) Private Driveway	<p>Private dirt driveway being used to access a pad site. Minor tracking was noted in the driveway. 4/2/07</p>	<p>Add controls as needed near wetlands and stabilize driveway during construction. More stone may be needed on access road to reduce tracking. 4/2/07</p>	Needs regular attention.
Powder Hill Rd	<p>Access road is in place east and west of Powder Hill Rd. The access road has been reinforced with stone, culverts, drainage ditches, and sediment trap areas in an effort to contain and filter run-off following the problems observed last week. Slightly turbid run-off is leaving the site in a few areas but significant improvements have been made. 4/2/07</p>	<p>Maintain and adjust controls as needed. Continue to monitor and stabilize road as necessary. 4/2/07</p>	<p>Significant improvements were made this week to control the run-off issues. Swales, culverts, ditches, sediment traps were installed. Site is much more stable and contractors continue to work on the issues.</p>

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Valley View Dr	<p>Timber mats at the wetland crossing have been further elevated off the soil surface to reduce the issues with compression into the mud that was noted last week 4/2/07</p>	<p>Continue to monitor and make adjustments at the crossing as necessary. 4/2/07</p>	<p>Efforts were made to elevate the mats and reduce compression into the soil.</p>
	<p>Heavy sediment tracking was observed on Powder Hill Rd. Sweepers were actively cleaning the road. The stone entrance was also clogged with soil. 4/2/07</p>	<p>Continue to sweep the roadway on a regular basis. The stone entrance should be refreshed to reduce tracking. 4/2/07</p>	<p>Roadway was being swept but needs continued attention.</p>
	<p>Roadway remains free of sediment tracking. 4/2/07</p>	<p>Continue to monitor roadway and add controls as needed. 4/2/07</p>	<p>NA</p>
East of Beseck SS	<p>Turbid water is settling along the silt fence near the riprap basin east of Beseck SS. Water is filtering through silt fence and slowly flowing into the basin. 4/2/07</p>	<p>Monitor and adjust controls to continue filtering the turbid water. 4/2/07</p>	<p>NA</p>
Black Pond Junction to Beseck SS ROW, North of Beseck SS	<p>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. 4/2/07</p>	<p>Continue to monitor and adjust controls as needed. 4/2/07</p>	<p>Water bars and haybales were maintained proactively.</p>
Fleming Road	<p>The stone tracking pad connecting the ROW access road to the Besck SS tracking pad and the recently installed stone fill has helped to stabilize soils and muddy areas. 4/2/07</p>	<p>Monitor and maintain tracking pad and continue to work on problem areas. 4/2/07</p>	<p>Area continues to be stabilized with stone.</p>
	<p>Fleming Rd. had significant sediment tracking and should be swept. Stone tracking pads should be added to the alternate access road if it will continue to be</p>	<p>Add controls/tracking pad at ROW access points to prevent sediment tracking. Sweep roadway on a regular basis. 4/2/07</p>	<p>Roadway needs attention</p>

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<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>used. 4/2/07</p> <p>Access road installation is complete in this section resulting in several stream and wetland crossings. 4/2/07</p> <p>High Hill Rd has sediment tracking from the E. Meriden SS access and the stone entrance pad is clogged with soil. 4/2/07</p> <p>New access road is also installed north off High Hill Rd. 4/2/07</p>	<p>Continue to adjust and maintain controls as needed. See erosion controls section. 4/2/07</p> <p>Sweep the roadway and clean/re-fresh the tracking pad as needed. 4/2/07</p> <p>Monitor for tracking and install controls as necessary. 4/2/07</p>	<p>NA</p> <p>Needs attention.</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 Haddam Quarter Rd. to Foot Hills Rd.; Arbutus Street</p> <p>Black Walnut Dr. (east)</p> <p>North of Contractor Yard Along Rte. 17 and Little Lane</p> <p>Cherry Hill Rd. (west)</p>	<p>Only clearing and access at this time. 4/2/07</p> <p>Old lines are being removed from Foot Hills Rd. to Arbutus St. 4/2/07</p> <p>Pads were installed off Haddam Quarter Rd. upgradient of the wetland. 4/2/07</p> <p>Stone was being placed along the access road and on the construction pad west of Arbutus St. A pole was installed west of Arbutus St. 4/2/07</p> <p>Pad construction is complete up to the boundary of the Ball Brook habitat. 4/2/07</p> <p>No additional work was noted here this week. 4/2/07</p> <p>Timber mats were</p>	<p>Monitor and add controls as needed. See erosion control section. 4/2/07</p> <p>Efforts were made to monitor controls during line removal. Also, monitor sediment tracking. 4/2/07</p> <p>Continue to monitor and adjust controls. See erosion control section. 4/2/07</p> <p>Continue to monitor and adjust controls. See erosion control section. 4/2/07</p> <p>Monitor and add/adjust controls as needed. See erosion control section. 4/2/07</p> <p>Continue to monitor. 4/2/07</p> <p>Add controls as needed as</p>	<p>NA</p> <p>NA.</p> <p>NA.</p> <p>Stone being added to a pad and access road.</p> <p>NA</p> <p>NA</p> <p>NA</p>

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Rte. 157 (east & west) & Elihu Drive.	<p>installed to access a future pad site. 4/2/07</p> <p>A number of pad sites have been constructed and access road construction continues. 4/2/07</p>	<p>work continues. See access road section. 4/2/07</p> <p>Add controls as needed as work continues. 4/2/07</p>	NA
Powder Hill Rd.	<p>Pad construction, foundation drilling, and concrete pouring will resume as erosion and sediment control issues are being resolved. A number of structural improvements were made along the access road. 4/2/07</p>	<p>Monitor and adjust controls as needed. See access roads section. 4/2/07</p>	<p>Construction will resume as erosion and sediment controls issues are being resolved.</p>
Valley View Drive East of Beseck SS	<p>The foundation was installed. 4/2/07</p>	<p>Monitor and adjust controls as needed. 4/2/07</p>	<p>Foundation installed.</p>
Black Pond Junction to Beseck SS ROW, North of Beseck SS to East Meriden Substation	<p>Foundation drilling, pouring, and pole installation continue. A foundation was being drilled at the edge of the pond off Fleming Rd. 4/2/07</p>	<p>Continue to monitor and see erosion control and dewatering section for more details. 4/2/07</p>	NA
South/north of High Hill Rd. crossing (vicinity of East Meriden SS to Black pond)	<p>Pad grading, and foundation drilling and installation continues. A foundation was being drilled just west of East Meriden SS. A timber mat pad was in place south of High Hill Rd. 4/2/07</p>	<p>Continue to monitor and see erosion control section. 4/2/07</p>	NA
Black Pond	<p>No new work noted since the installation of the monopole. 4/2/07</p>	<p>Continue to monitor and add controls as needed. 4/2/07</p>	NA
Erosion and sediment controls Scovill SS west to Chestnut Junction	<p>Stumps were left in place to reduce erosion following minor tree clearing 4/2/07</p> <p>Turbid water that was ponding on the access</p>	<p>Monitor and add controls if needed. 4/2/07</p> <p>Add controls when entering sites for clearing</p>	<p>NA</p> <p>Clear water is flowing off-site but attention is</p>

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	<p>road has settled and the overflow into the wetland is clear. However, there is still potential for sediment as controls are not in place since clearing was the only active construction at this point but skidding and vehicle tracking resulted in disturbed soil along the road. 4/2/07</p>	<p>and as soon as soil is disturbed, when resource areas are adjacent. 4/2/07</p>	<p>needed.</p>
<p>Oxbow Junction to Beseck SS Haddam Quarter Rd. To Foot Hills Rd. (east)</p>	<p>Haybales were in place along the access road entrance near the pond. Filter socks are in place along the length of the pond for added control. 4/2/07</p>	<p>Continue to add controls, i.e. mulch, check dams, silt fence, haybales, etc., and a tracking pad as needed to contain sediment. 4/2/07</p>	<p>NA</p>
	<p>Filter socks were installed at the turn onto the ROW and at the wetland crossing to filter run-off. 4/2/07</p>	<p>Monitor controls and adjust as needed. Run-off was mostly clear at this time. 4/2/07</p>	<p>Filter socks added at run-off areas.</p>
<p>Foot Hills Rd. (west)</p>	<p>Silt fence and filter socks were installed along the timber mat wetland crossing. 4/2/07</p>	<p>Continue to monitor and add controls as needed. 4/2/07</p>	<p>Controls were added as work progresses</p>
<p>Arbutus Street</p>	<p>Controls are in place at the extension of the pad east of Arbutus St. and filter socks, silt fence, and riprap sediment trap are being used to filter run-off west of Arbutus St. 4/2/07</p>	<p>Monitor controls and wetlands for sediment. Adjust/extend controls as needed. 4/2/07</p>	<p>NA</p>
<p>Black Walnut Dr.</p>	<p>Controls remain along the access road and at the base of slope. Additional mulch was placed on exposed slopes to help stabilize the area. Clear water was flowing off site. 4/2/07</p>	<p>Continue to adjust controls as needed and ensure that the filter socks and drainage ditches are adequate to filter run-off. 4/2/07</p>	<p>Additional mulch was placed for stabilization.</p>
	<p>The new stone was installed on the access road. This should reduce</p>	<p>Continue to adjust controls as needed and pull stone back from</p>	<p>NA</p>

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Contractor Receiving Yard and Storage Area	<p>the turbid run-off but some of the stone was pushed into controls along the road. 4/2/07</p> <p>Bark mulch, haybales and filter socks remain along the steep slope of the pad upgradient of Ball Brook. 4/2/07</p> <p>A few fiber rolls have been run over along the access drive. 2/12-4/2/07</p> <p>Silt fence and fiber rolls are in place at the perimeter of the yard and along drainage areas/swales. The fallen sections of silt fence are supported with haybales. 4/2/07</p>	<p>swales if necessary. 4/2/07</p> <p>Continue to monitor and adjust controls to protect the resource area downgradient. 4/2/07</p> <p>Repair/replace damaged fiber roll. 2/12-4/2/07</p> <p>Continue to add, maintain, and monitor controls as necessary. 4/2/07</p>	<p>NA</p> <p>Needs repair when feasible.</p> <p>NA</p>
North of Contractor Yard Along Rte. 17 and Little Lane	<p>Timber mats and a culvert are in place at the wetlands and stream crossing. The degraded section of silt fence noted last week has been repaired and clear water is flowing off site. 4/2/07</p>	<p>Monitor and reinforce controls to ensure they adequately filter run-off. 4/2/07</p>	<p>The fallen section of silt fence has been repaired.</p>
Cherry Hill Rd. (east)	<p>Filter socks were in place along the steep slope at the pad site east of Cherry Hill Rd. 4/2/07</p>	<p>Continue to monitor pad installation for tracking and erosion down the steep slope. Ensure that controls are adequate to control run-off. 4/2/07</p>	<p>NA</p>
Cherry Hill Rd. (west)	<p>Timber mats were installed but controls have not been added. 4/2/07</p>	<p>Watch for run-off or sedimentation and add controls as needed. 4/2/07</p>	<p>Needs to be monitored.</p>
Durham Rd.	<p>Wetland crossings were in place west of Durham Rd. within the ROW. 4/2/07</p>	<p>Erosion controls may be needed along the edges of the new access road if sedimentation is noted. Monitor surrounding wetlands closely. 4/2/07</p>	<p>Needs to be monitored</p>
Rte. 157 (east & west) & Elihu Dr.	<p>Controls were installed</p>	<p>Adjust or extend controls</p>	<p>Controls were installed</p>

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Powder Hill Rd.	<p>along pad sites. Area is muddy but run-off was not noted. 4/2/07</p> <p>Following last week's sediment and run-off issues, significant improvements were made to contain and control stormwater onsite. Slopes were mulched and seeded, drainage swales with culverts and haybale check dams were installed, additional stone was added to the access road, sediment basins/traps and haybales, filter socks, and stone check dams were installed. Timber mats on the crossing were elevated. Filter socks were removed from the smaller stream crossings. 4/2/07</p> <p>Slightly turbid run-off was still noted in one area and sediment accumulation was noted upgradient of the stream and pond (west side) at the base of slope. Vegetation is trapping sediment before it reaches the stream. 4/2/07</p> <p>Existing vegetation and root masses currently stabilize the pad slopes to the east of Powder Hill Rd., but thaws could weaken soil structure. 2/20-4/2/07</p>	<p>as work progresses in this area. 4/2/07</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. 4/2/07</p> <p>Controls should be added above the stream and west side of the pond to prevent further sedimentation. 4/2/07</p> <p>Watch for changes in run-off patterns that may affect neighboring properties. Temporary stabilization and controls may be needed. 1/23/07-4/2/07</p>	<p>as work progresses.</p> <p>Significant efforts were made and many new controls were added to reduce run-off. New controls appear to be working very well.</p> <p>Needs some attention.</p> <p>Needs to be monitored.</p>
Valley View Drive	<p>Erosion controls remain along the edge of the access road. 4/2/07</p>	<p>Continue to monitor controls and roadway. 4/2/07</p>	<p>NA</p>
East of Beseck SS	<p>At the spot adjacent to the wetlands east of Beseck SS, fiber rolls (filter socks) remain adjacent to the timber</p>	<p>The sediment will have to be carefully removed by hand from the wetland's edge. 4/2/07</p>	<p>Needs attention.</p>

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<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. 4/2/07</p> <p>Water bars and haybales remain in place along the access road. Road base was used at saturated areas to stabilize the access road. Stone was being added to the pad sites and some maintenance was noted at the existing controls here. 4/2/07</p>	<p>Continue to monitor run-off and ensure it does not reach wetlands. Add more controls (i.e. stone, chips, etc.) and remove sediment from existing controls to restore capacity. 4/2/07</p>	<p>Stone was being added on pad sites and controls were maintained .</p>
<p>Fleming Road</p>	<p>Haybales and silt fence remain adjacent to the pond north of Beseck. 4/2/07</p> <p>A line of haybales surrounded by two lines of silt fence are in place. Adjacent slopes were mulched for stabilization. Active drilling was occurring. 4/2/07</p>	<p>Monitor controls and ensure that all dewatering slurry be adequately contained away from the wetlands. 4/2/07</p> <p>Controls look good. Monitor, adjust, and extend controls as needed. Be extremely cautious of the adjacent pond during slurry production. 4/2/07</p>	<p>NA.</p> <p>Mulch was added to adjacent slopes.</p>
<p>South of High Hill Rd. (vicinity of East Meriden Substation)</p>	<p>Controls are in place along slopes and wetland areas. Filter socks are in place along the access road slopes. 4/2/07</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. 4/2/07</p> <p>The redirected stream splits, flowing partially through a culvert and partially through the center of the timber pad site. Controls (haybales,</p>	<p>Ensure the controls are adequate for run-off in this area. 4/2/07</p> <p>Continue to monitor and adjust controls as needed 4/2/07</p> <p>Controls may need to be reinstalled in the channel when work in this area continues. Controls will be needed on the timber mats as well to prevent</p>	<p>NA</p> <p>NA.</p> <p>Water was clear leaving the site.</p>

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<p>High Hill Rd. (north to Black Pond)</p> <p>Black Pond</p>	<p>filter socks) were removed from the channel. The banks and adjacent, exposed soil remain stabilized with erosion control mats 4/2/07</p> <p>Controls are in place along the new access off High Hill Rd. 4/2/07</p> <p>The timber mat pad site in/adjacent to wetlands here has controls in place but sediment tracking was noted on the mats. 4/2/07</p> <p>Earth removal for pole installation left areas of disturbed soil. Mulch was added to disturbed area and controls are mostly stable. One section of silt fence has fallen and should be repaired. 4/2/07</p>	<p>sediment from seeping through. 4/2/07</p> <p>Continue to monitor and adjust as needed. 4/2/07</p> <p>Adjust controls as needed. Stabilize adjacent areas in an attempt to reduce tracking to the mats. 4/2/07</p> <p>Monitor controls and continue to adjust as necessary. Continue to stabilize soils. Repair the section of silt fence. 4/2/07</p>	<p>NA</p> <p>Needs some attention.</p> <p>Needs some minor repair.</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.)</p> <p>Oxbow Junction to Beseck SS Haddam Quarter Rd. To Foot Hills Rd.</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. 4/2/07</p> <p>Additional controls have been added along the ROW and run-off is clear following the turbidity issues noted last week. 4/2/07</p> <p>The controls appear to be filtering turbid water flowing from the site. Suspended sediment is not apparent in the</p>	<p>Perform work in wetlands under the permitted guidelines. 4/2/07</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. 4/2/07</p> <p>Monitor and adjust controls as needed. See erosion control section. 4/2/07</p> <p>Continue to monitor. Adjust controls as needed around the site. 4/2/07</p>	<p>NA</p> <p>NA</p> <p>Additional controls were added at wetland crossing</p> <p>NA</p>

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Durham Rd.	<p>adjacent pond at this time. 4/2/07</p> <p>Access at Durham Rd remains halted at a deeper area in the wetland that is difficult to cross. 4/2/07</p>	<p>Ensure that construction windows and access limitations continue to be upheld here. 4/2/07</p>	<p>NA at this time</p>
Powder Hill Rd.	<p>Several smaller streams remain culverted. Numerous adjustments were made to filter run-off and mostly clear water was flowing off site. 4/2/07</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. 4/2/07</p>	<p>Water leaving the site was mostly clear; appropriate controls were added.</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. 4/2/07</p>	<p>Adequately contain all sediment; the soil in the wetland will have to be removed carefully by hand. 4/2/07</p>	<p>Needs attention</p>
Black Pond Junction to Beseck SS Fleming Rd.	<p>Foundation work is occurring adjacent to the edge of the pond. Good controls are in place. 4/2/07</p>	<p>Continue to monitor the work along wetlands. Be cautious of the adjacent resource area during slurry production. 4/2/07</p>	<p>NA</p>
High Hill Rd. South to East Meriden Substation and north to Black Pond	<p>Pad site/work area is in place within a stream. The flow is being re-routed through a riprap channel and culvert. Erosion control mats are in place at the top of bank. 4/2/07</p> <p>The root system and stumps were retained along the stream and within the wetland even though larger trees were cleared. 4/2/07</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. 4/2/07</p> <p>Continue to monitor and adjust controls as needed. 4/2/07</p>	<p>Clear water was flowing from the site.</p> <p>Low impact/careful clearing was noted in this area.</p>
State species of concern, threatened and endangered species.	<p>According to the D&M plan, state-listed species are not located in the current work areas. 4/2/07</p>	<p>None. 4/2/07</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<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. 4/2/07</p>	<p>April 1st is 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. 4/2/07</p>	<p>Alternative access was constructed to reach poles without crossing Ball Brook.</p> <p>Active wood turtle season is approaching April 1st. Consider mitigation/sweeps in this area.</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>Now that ACOE permits have been obtained, clearing continues in several sections 4/2/07</p> <p>The clearing that had been performed for access road and pad construction is largely complete in these areas. Many pad sites are along slopes and may have issues with erosion as the rainy season is here. 4/2/07</p> <p>Clearing had been occurring here. Stumps were retained along the edge of the pond to stabilize soils 4/2/07</p> <p>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 erosion is occurring along the access road. Controls should be installed prior to disturbing soil from either skidding or vehicles tracking. 4/2/07</p>	<p>In all areas, be aware of limits of clearing and stick to the specifications of the D&M plan. 4/2/07</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. See access roads section. 4/2/07</p> <p>Continue to further stabilize soils as necessary. See erosion control section. 4/3/07</p> <p>Continue to retain stumps for stabilization and add controls as needed as work continues. Clearing crews should install controls prior to disturbing soils along the ROW and make sure controls are in place before leaving the site. 4/2/07</p>	<p>NA</p> <p>Needs to be monitored</p> <p>NA</p> <p>Needs evaluation.</p>
<p>Dewatering Oxbow Junction to Beseck SS Powder Hill Rd.</p>	<p>Active dewatering was not observed west of Powder Hill Rd.</p>	<p>Continue to monitor the capacity of the sediment basin and add controls as</p>	<p>Dewatering appears contained proactively within a basin.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>East of Beseck SS</p> <p>Black Pond Junction to Beseck SS North of Beseck SS to East Meriden Substation</p> <p>Fleming Rd.</p>	<p>Powder Hill Rd. Dewatering slurry was well contained within a sediment basin. 4/2/07</p> <p>East of Beseck SS, the foundation was installed within the wetland. Slurry had been pumped into a settling tank and trucked to a containment basin, which includes filter bags. 4/2/07</p> <p>Dewatering has occurred and a pump truck had transported slurry to a large, bermed containment basin and into the filter bags within it. The basin is surrounded by haybales and a secondary overflow basin was installed. New drilling was now occurring west of the SS. 4/2/07</p> <p>Another containment area remains near the new pad site in this section. 4/2/07</p>	<p>basin and add controls as needed. 4/2/07</p> <p>Continue to use methods that adequately contain the slurry and water. 4/2/07</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. Continue to use the established basins. 4/2/07</p> <p>Continue to monitor capacity of the basin and adjust controls as necessary. 4/2/07</p>	<p>within a basin.</p> <p>Slurry removal is complete here.</p> <p>Dewatering is complete. Basins are in place and slurry appears to be well contained.</p> <p>NA</p>
<p>Blasting</p>	<p>No blasting is proposed. 4/2/07</p>	<p>None 4/2/07</p>	<p>NA</p>
<p>Spills, soils and material storage 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. 4/2/07</p> <p>Concrete washout containment was noted in the form of lined, dug basins off Valley View Rd and in several other locations. 4/2/07</p> <p>Materials are being stored and structures staged in this area. Fuel tanks are in place on their stone</p>	<p>Always use spill control materials when working on equipment and during refueling. 4/2/07</p> <p>Provide appropriate containment for washouts. Be especially careful of concrete containment near wetlands. Plan to remove the material once work is complete. 4/2/07</p> <p>Always use spill control materials when working on equipment and during refueling. Continue to</p>	<p>NA</p> <p>Concrete washout basins were noted in several locations.</p> <p>A stone pad is in place for spill control</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Black Pond Junction to Beseck SS</p>	<p>spill control pad. Nozzles are controlled. Fire extinguishers and spill kits are located near the fuel tanks. 4/2/07</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. 4/2/07</p> <p>A sanitary facility (port-a-john) was noted adjacent to a wetland. 4/2/07</p>	<p>locate hazardous materials and equipment away from wetlands inlets such as culverts and CBs. when possible 4/2/07</p> <p>Always store equipment and supplies away from sensitive areas. Monitor and maintain equipment as needed and provide housekeeping on a regular basis. 4/2/07</p> <p>In general, store potentially spillable materials or equipment 100 ft away from wetlands where feasible. 4/2/07</p>	<p>NA at this time</p> <p>Needs some attention.</p>
<p>Additional Observations</p>	<p>Non-project related debris (cups, pizza boxes, etc.) was noted off Arbutus Street. 4/2/07</p> <p>Weather is getting warmer and contractors should consider seeding disturbed areas for temporary stabilization when feasible. 4/2/07</p>	<p>Monitor and clean debris when in the area. 4/2/07</p> <p>Seed areas where work is complete or will be left unworked for longer than 1 month. 4/2/07</p>	<p>Non-project related debris noted.</p> <p>Consider seeding disturbed areas.</p>

Next likely scheduled inspection:

Monday April 9, 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



Timber mat crossing within the ROW west of Scovill Rock SS. This was installed for clearing crews access. Crews should work to stabilize soil after vehicles cause disturbance with tracking.



Water has ponded up along the access road in several locations west of Scovill Rock. Disturbance from vehicle tracking could result in turbid run-off. Consider installing controls in these areas.



View of access road leading to the culvert area off Black Walnut Dr. A new stone access road was installed over the existing stone/soil access road to better control run-off.



Line removal/installation off Black Walnut Dr. Additional mulch, haybales, and filter sockswere placed along the slope in an effort to reduce erosion.



Timber mats located along a wetland off Arbutus St. New stone was being installed along the access road and at a new pad site.



Filter socks were installed along the wetland crossing off Haddam Quarter Road. Clear water was flowing off-site.



Line work off Johnson Ln. Controls were being maintained during removal.



Both nozzles were contained at the fuel tanks within the contractor receiving yard. No spills were noted during this inspection.



Powder Hill Road was being swept during the inspection. Roadway sweeping should continue on a regular basis at all active sites. The stone construction entrance should also be refreshed to reduce tracking



Wetland crossing off Powder Hill Road. Turbidity was not observed within the wetlands at this inspection.



View of newly installed culvert, mulch and haybale controls in place off Powder Hill Rd. Sediment is filtered from the run-off before it flows off-site



A new drainage swale with haybale check dams was installed along the access road off Powder Hill Rd. Run-off is diverted and filtered prior to leaving the site.



Concrete washout area in use off Valley View Drive. Material should be removed when work is complete.



Access road north of Beseck SS has been regraded and stone was added as needed to stabilize the soils and reduce run-off. Haybale barriers are in place to slow and contain run-off.



Sediment (likely from snow clearing in past weeks) 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.



Stone was installed at pad sites for further stability during construction.



Controls remain in place along the pond north of Beseck SS to E. Meriden SS off Fleming Rd. Foundation drilling underway. Slopes were mulched for temporary stabilization.



Foundation drilling just west of E. Meriden SS. A slurry pit has been established and will be used as needed. Filter socks are in place around the work. Continue to monitor controls carefully.



View of the stream flow through the culvert/riprap channel and stream under the timber mats in the ROW between E. Meriden SS to Black Pond. Controls were removed from the stream and flow is clear.



New pad area and controls installed above the stream south of High Hill Road. No run-off noted. Reduce tracking to the timber mat pad to the extent feasible.