

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 14, 2008

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: 0.43” of precipitation was recorded in the week prior to inspection with 0.40” of the total reported on 4/12 (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 installed along the ROW.	Continue to sweep roadways and refresh stone as needed. Clean existing controls in CBs as necessary. 4/14/08	Not Applicable (NA)
Scovill SS west to Chestnut Junction			
Scovill SS to Rte. 9 Rte. 9 to East Mount Rd.	Culverts and or timber mats are in place at the access road wetland crossings. Several timber mat stream crossings and water bars/drainage ditches remain on these access roads. Haybales remain adjacent to wetlands in-between structures 24617 & 24618 and upgradient of wetland #4 to prevent run off here. 4/14/08	Sweep Freeman Road and Rte 9 as needed. Monitor wetlands around the site for run-off. Controls should be added as needed to protect sensitive areas. Monitor mats for sediment accumulation. Monitor new haybales for effectiveness. 4/14/08	NA
	Timber mats were removed from the saturated crossing at the entrance off E. Mount Rd. However, timber mats at the second crossing remain. Some sediment was noted within the wetlands in the portion of the ROW that leads to Oxbow Jct. 4/4-4/14/08	Monitor controls for effectiveness and add/fix controls as needed. It appears access will still be needed; Timber mats will have to be restored to the first crossing. Remove any sediment that has accumulated more than 2”, by hand, from the wetlands as	Needs evaluation and sediment should be removed from the wetland as needed.

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Oxbow Junction to Beseck SS Haddam Quarter Rd. (Oxbow Junction); Johnson Ln; Arbutus Street; Little Ln.; Cherry Hill Rd.; Elihu Dr.; Rte. 157 (west) Private Driveway;</p>	<p>Timber mats are in place along the access roads at wetland crossings. Controls remain in place at all wetlands and no issues have been noted. 4/14/08</p> <p>Timber mats and the culvert located at the wetland crossing at Johnson Ln were removed and replaced with a permanent stone access road. However, the stone road bisects the wetland here and restricts flow. 4/14/08</p> <p>Timber mats were also removed from the edge of wetlands off Arbutus St. and replaced with permanent stone. Access road work was underway at Foot Hills Rd. 4/14/08</p>	<p>needed. 4/7-4/14/08</p> <p>Continue to add controls where needed, i.e. mulch, check dams, silt fence, to control sediment and prevent erosion. Sweep roadways as needed. See erosion control section. 4/14/08</p> <p>A culvert will need to be installed or the road grade will have to be reduced to prevent flooding and washouts of the road and to maintain hydrology. 4/14/08</p> <p>Monitor new stone access roads for erosion and add controls as needed. Stabilize adjacent soil as needed. 4/14/08</p>	<p>NA</p> <p>Needs evaluation and attention to maintain hydrology.</p> <p>NA at this time</p>
<p>Powder Hill Rd.</p>	<p>Additional controls remain along the access road to protect wetlands and redirect and filter stormwater. 4/14/08</p>	<p>Monitor controls for effectiveness. See erosion controls section. 4/14/08</p>	<p>NA</p>
<p>Durham Rd</p>	<p>The stone access road in the large wetland system remains. Portions are flooded and it will be brought to grade and narrowed eventually. 4/14/08</p>	<p>See Inland wetland section. Contractors are evaluating the status of this road. 4/14/08</p>	<p>NA at this time.</p>
<p>East of Beseck SS</p>	<p>During heavy rain, turbid run-off from the access road is regularly observed in the sediment trap associated with Beseck. Haybales remain around the basin to filter overflow. 4/14/08</p>	<p>Monitor controls and reevaluate during the next heavy rain. Sediment is extremely fine and difficult to filter here. See erosion control and inland wetland sections 4/14/08</p>	<p>Sediment is being filtered by haybales before leaving the basin.</p>
<p>Black Pond Junction to Beseck SS</p>	<p>Water bars and</p>	<p>Continue to monitor and</p>	<p>NA at this time.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>ROW, North of Beseck SS</p> <p>South of High Hill Rd. crossing (vicinity of East Meriden SS)</p>	<p>appropriate controls remain along the access road, preventing turbid stormwater from reaching wetlands. Access road work and grading were underway. 4/14/08</p> <p>Timber mats had been removed from areas south and north of High Hill Rd. Controls were in place around the exposed areas. Final reclamation and stabilization will still be necessary. 4/7-4/14/08</p> <p>Water bars and controls remain at Black Pond Jct. to divert turbid run-off from the wetlands. 4/14/08</p>	<p>adjust controls as needed. This area is associated with the wetlands northeast of Beseck. 4/14/08</p> <p>Monitor new controls for effectiveness. Full restoration still needs to occur here. 4/7-4/14/08</p> <p>Continue to monitor and repair controls and access roads as needed. See erosion controls section 4/14/08</p>	<p>Contractors will be providing restoration moving north from BSS.</p> <p>NA at this time.</p>
<p>Foundation and site construction Scovill SS to E.Mount</p> <p>Oxbow Junction to Beseck SS Foot Hills Road.</p> <p>Beseck SS to Black Pond Jct.</p>	<p>Equipment was being removed from E. Mount Rd. 4/14/08</p> <p>Crews were reclaiming the access road off Foot Hills Rd. New stone access roads had been installed off Johnson Rd and Arbutus St. 4/14/08</p> <p>Grading and reclamation continues in the section immediately north of Beseck SS (to #24455). More restoration is planned for wetlands east of Beseck. 4/14/08</p>	<p>Add controls as needed at the wetland crossings and stabilize areas as work is completed. 4/14/08</p> <p>Add controls and stabilize the area when active work is complete. See access road section. 4/14/08</p> <p>Continue to monitor reclaimed areas until full vegetative cover is achieved. 4/14/08</p>	<p>See access road section.</p> <p>Reclamation underway.</p> <p>NA at this time.</p>
<p>Erosion and sediment controls Scovill SS west to Chestnut Junction Scovill SS to Rte. 9 Rte. 9 to East Mount Rd.</p>	<p>Water bars/drainage ditches are working well in this area. 4/14/08</p> <p>Timber mats, silt fence, and filter socks remain along the access road and at the wetland crossings with haybales recently added in several locations. 4/14/08</p>	<p>Continue to maintain and ensure water is directed to stable areas. 4/14/08</p> <p>Continue to add controls along access road upgradient from wetlands. The area has high flow during heavy rains. 4/14/08</p>	<p>NA at this time</p> <p>NA at this time</p>

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	<p>Stone and timber mats remain at the (2nd) saturated crossing leading towards Oxbow Jct. off East Mount Rd. However, timber mats have been removed from the 1st crossing immediately at the site entrance off E. Mount Rd. 4/14/08</p>	<p>Additional access in this area appears to be necessary in order to continue restoration and remove the 2nd crossing. Timber mats will need to be replaced at the 1st crossing in order to do so.</p>	<p>Timber mats were removed from the wetland crossing at the site entrance. Needs evaluation.</p>
	<p>Some accumulated sediment was noted within the wetland at the ROW segment that leads south to Oxbow Jct. 4/7-4/14/08</p>	<p>Evaluate and remove any sediment accumulation over 2", by hand, from the wetlands. 4/7-4/14/08</p>	<p>Needs evaluation. Sediment removal from wetlands may be needed.</p>
<p>Oxbow Junction to Beseck SS Oxbow Jct. To Arbutus Street</p>	<p>Controls (Haybales, filter socks) filter water as it leaves the site, including at the turn onto the ROW and along the pond. Restoration (including mulch and seed on disturbed areas) was complete from Haddam Quarter to Arbutus St. (east) and the ROW is in good condition. Additional hay/seed is needed west of Arbutus. 4/14/08</p>	<p>Monitor controls and maintain as needed. Monitor for final stabilization and vegetative cover in the spring. Apply additional measures where needed. 4/14/08</p>	<p>Restoration efforts almost complete with most areas graded, mulched, and seeded. Slopes west of Arbutus need attention.</p>
<p>Johnson Ln. to Arbutus St.</p>	<p>Timber mats and culvert were removed from this area and permanent (permitted) stone fill access roads were installed. However, the stone bisects the wetland crossing, interrupting flow/hydrology. 4/14/08</p>	<p>Continue to restore and stabilize. Add a culvert to wetland crossing to maintain the hydrologic connection. Or alternatively, bring down the grade of the road. 4/14/08</p>	<p>Needs attention/evaluation.</p>
<p>Black Walnut Dr.</p>	<p>Grading and timber mat removal noted on the slope upgradient from Ball Brook. Some areas were mulched. Water bars have been installed to reduce flow down the slope. The slope grade has been reduced.</p>	<p>Monitor this area closely to see that the existing controls are enough to prevent erosion. Consider erosion control mats/blankets if necessary. One section of slope upgradient of Ball</p>	<p>Monitor closely and provide additional stabilization. One area still needs attention.</p>

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Contractor Receiving Yard and Storage Area	<p>has been reduced, however, the area had a high potential for erosion in the past and may need additional controls at the base of slope. 3/31-4/14/08</p> <p>Silt fence and/or fiber rolls remain in good shape around the perimeter of the yard. Turbid run-off from site was not noted at this time. 4/14/08</p>	<p>Brook needs hay/seed. 4/14/08</p> <p>Continue to add, maintain, and monitor controls as necessary. Consider extending controls at the culverted crossing. 4/14/08</p>	NA
South of Contractor Yard Along Rte. 17 and Little Lane	<p>Silt fence remains in place in the area of exposed soils and some temporary stabilization measures have been applied. 4/14/08</p>	<p>Provide temporary stabilization measures for the exposed soils as needed. 4/14/08</p>	Continue to monitor.
Valley View Drive	<p>Hay mulch and seed remain on recently reclaimed areas. 4/14/08</p>	<p>Additional stabilization may be needed. Monitor this area closely. 4/14/08</p>	NA at this time.
Durham Rd.	<p>Timber mat/stone access road crossing is in place west of Durham Rd. Some controls are in place including fiber rolls adjacent to the stone pad at structure # 24521 which regularly floods 4/14/08</p> <p>Hay mulch and seed remain on some exposed areas at the reclaimed wetland crossing near #24520. 4/14/08</p>	<p>Some controls have been added, but additional controls may be needed here. 12/31/07-4/14/08</p> <p>Avoid entering this road when it is flooded to reduce turbidity. 4/14/08</p>	Needs to be monitored See Inland wetland section.
Rte. 157 (east & west) & Elihu drive	<p>Controls were in place along pad sites. 4/14/08.</p>	<p>Monitor wetlands and exposed areas for run-off. Additional controls may be needed. 4/14/08</p>	Continue to monitor
Powder Hill Rd.	<p>Controls were in place along pad sites. 4/14/08.</p> <p>Numerous controls, including mulch, seed, water bars and haybale check dams were in place along the access road. Controls were in place upgradient of the stream</p>	<p>Continue to monitor until final stabilization is achieved. 4/14/08</p> <p>Remove sediment accumulated around the controls and vegetation. Stream crossings/culverts are temporary and will be removed at the end of the work. 8/20-4/14/08</p>	NA

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East of Beseck SS	<p>and pond (both sides) at the base of slope. Sediment accumulation has occurred at the controls along the access road (since 8/20). 4/14/08</p> <p>Hay and seed remain as temporary stabilization for the previously rutted/ disturbed wetland area. 4/14/08</p> <p>Haybales are installed around the riprap sediment trap to filter any overflowing water from the basin. Run-off has not been observed since. 4/14/08</p>	<p>See Inland wetland section. 4/14/08</p> <p>Ensure all crews continue to observe wetland boundaries. Provide final stabilization as necessary. 4/14/08</p> <p>Monitor the controls for effectiveness and add/replace as needed. 4/14/08</p>	<p>NA at this time</p> <p>NA at this time</p>
Black Pond Junction to Beseck SS ROW, North of Beseck SS to East Meriden Substation	<p>Most pads immediately north of Beseck (up to #24455) have been reclaimed, final graded, and covered in hay mulch and seed. 4/14/08</p>	<p>Continue to monitor for final stabilization and vegetative cover. 4/14/08</p>	<p>Pad reclamation is almost complete.</p>
Fleming Road	<p>A line of haybales surrounded by two lines of silt fence is in place. Adjacent slopes remain mulched for stabilization. 4/14/08</p>	<p>Monitor, adjust, and extend controls as needed. Continue to remove sediment from controls as needed. 4/14/08</p>	<p>NA</p>
South of High Hill Rd. (vicinity of East Meriden Substation)	<p>Steep slopes at structure #24462 are eroding and creating channels/gullies, which lead into a nearby pond. Previously overwhelmed controls were repaired, however ruts were not stabilized. 2/25-4/14/08</p>	<p>Regrade and stabilize slopes as needed and monitor controls. Consider adding check dams or diversions for stormwater in this location. 2/25-4/14/08 Contractors were given approval to apply a more permanent solution here (3/31). 4/14/08</p>	<p>Ruts and run-off still need attention/ evaluation.</p> <p><i>Contractors were given approval to apply a more permanent solution here and will be implementing it shortly.</i></p>
South of High Hill Rd.	<p>The work area used during the construction of the foundation for #24464 and #24415 remains final graded and mulched /seeded. The</p>	<p>Monitor this area closely for any erosion until vegetative cover is restored. See inland wetlands section for additional details on this</p>	<p>The area remains well restored.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>High Hill Rd. (north to Black Pond)</p> <p>North of East Main Street</p> <p>Black Pond Jct.</p>	<p>braided stream channels in this area are flowing clear. Silt fence is in place upgradient from the wetlands. 4/14/08</p> <p>Controls/fiber rolls remain around wetlands south of High Hill Rd near structure #24465. 4/14/08</p> <p>Controls remain at the portion of the pad within wetlands near structure #24468 as well as at the previous gap in controls near #24470. 4/14/08</p> <p>Several eroded channels were noted on the access road and slopes leading towards the wetlands (since 2/4) but controls are in place at the base of the access road and a water bar has been installed. 3/24-4/14/08</p> <p>Drainage channels, settling areas and controls contain the area. Area is not active and water is clear around the site. 4/14/08</p>	<p>site. 4/14/08</p> <p>Monitor the exposed areas for run-off and maintain controls. The contractor plans to perform full restoration in this section shortly. 3/3-4/14/08</p> <p>Continue to monitor the exposed areas for run-off and controls for effectiveness. Continue reclamation and full restoration as soon as possible. 3/3-4/14/08</p> <p>Grade and stabilize the eroded channel. Remove any sediment that accumulated in the wetland. 2/4-4/14/08</p> <p>Stabilize the access road and monitor controls. 4/14/08</p>	<p><i>Restoration should be occurring soon.</i></p> <p><i>Restoration should be occurring soon.</i></p> <p>Needs evaluation but controls contain the area.</p> <p>NA at this time.</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<p>ACOE permit is in hand.</p> <p>In accordance with the D&M Plan, all work occurring in and around wetlands should be expedited to minimize potential adverse impacts to wetlands and reduce disturbances to wetland soils. This includes attending to restoration of adjacent upland areas</p>	<p>Perform work in wetlands under the permitted guidelines. 4/14/08</p> <p>Final stabilization and reclamation efforts should occur in completed areas in and around wetlands. Any additional work needed in and around wetlands should be expedited to allow for final stabilization procedures to commence. 12/10-4/14/08</p>	<p>NA</p> <p>Needs to be assessed. Contractors plan to begin providing restoration in a linear fashion.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Most access areas (including Scovill SS to Chestnut Jct., ROW North of Beseck SS;; Little Lane, Durham Rd.; Powder Hill Rd. Black Walnut Dr.; Foot Hills Rd.)</p>	<p>when work is complete. 12/10-4/14/08</p> <p>A number of wetland crossings (via timber mats) remain. Adjacent controls were in place. 4/14/08</p>	<p>Monitor closely for sedimentation and add controls as needed. All crossings are temporary and will require restoration upon project completion. 4/14/08</p>	<p>NA</p>
<p>Scovill SS west to Chestnut Junction</p>	<p>Timber mats and culverts remain at wetland crossings in this section, however the mats have been removed from the 1st saturated crossing at the East Mount entrance. 4/14/08</p> <p>Sediment deposition was noted in a wetland in the segment of ROW that moves south to Oxbow Jct. 4/7-4/14/08</p>	<p>All crossings are temporary and will require restoration upon project completion. See erosion control and access road sections. If further access is needed in this area, mats should be installed. 4/14</p> <p>Evaluate sediment and remove by hand if needed. 4/7-4/14/08</p>	<p>See erosion control section.</p> <p>Wetland needs evaluation</p>
<p>Oxbow Junction to Beseck SS Johnson Ln., Arbutus St.</p>	<p>Timber mats/culvert were removed from the crossing off Johnson and replaced with permitted stone road. However this bisects the wetland and hydrology. 4/14/08</p>	<p>Install the culvert to restore the hydrologic connection within the wetland. See erosion control and access road sections. 4/14/08</p>	<p>Needs evaluation and attention</p>
<p>Durham Rd.</p>	<p>Sediment migration/accumulation and flooding was noted over the stone road and pad. More controls may be needed here. 10/9-4/14/08</p> <p>BSC was informed that ACOE is allowing this road to remain at or within 2" of the adjacent grade so that sheet flow can occur. The road will also be narrowed. 4/7-4/14/08</p>	<p>When restoration occurs, the road base will remain at grade (for structure access). Remove the appropriate amount of stone and narrow the road to the extent feasible (This will likely be 15 feet based on NU's needs). 4/7-4/14/08</p>	<p>NA until restoration. Continue to monitor.</p>
<p>Powder Hill Rd.</p>	<p>Several smaller streams remain culverted. Extremely high flows come through this area during heavy rain.</p>	<p>It was determined that crossings and culverts will require removal and restoration at the end of the work. The sediment</p>	<p>Needs sediment removal during restoration and regular monitoring</p>

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<p>East of Beseck SS</p>	<p>Some accumulated sediment from past heavy rains has been noted in the wetland areas here at Beseck Mtn. BSC evaluated the sediment at the culvert and determined it was mostly natural but sediment immediately adjacent to mats at the controls near structure #24507 should be carefully removed. 3/31-4/14/08</p> <p>Ruts noted in wetlands due to equipment access for structure removal, remain mulched and seeded. 4/14/08</p> <p>A pad is in place just upgradient from wetlands here. Sediment and stone/soil from the old pad remain in the wetlands. (noted since 10/22) 4/14/08</p> <p>Turbid water is noted in the outlet from the access road (2/5). Haybales were installed around the basin to filter any overflow. Sediment is extremely fine here and no removable amount of accumulation was noted in the wetlands. 4/14/08</p>	<p>immediately adjacent to mats at the controls near structure #24507 should be carefully removed by hand when reclamation occurs. 3/24-4/14/08</p> <p>Ensure all crews continue to observe wetland boundaries and mats are used for access. 4/14/08</p> <p>Remove any stone/soil accumulation in the wetlands during final restoration of the site. (noted 10/22) Contractors plan to come in with a shaker attachment in this area, removing stone but leaving original soil.</p> <p>Monitor additional controls and continue to improve controls as needed. See erosion control section. Wetlands were evaluated and no accumulation was noted. 4/14/08</p>	<p>Continue to monitor.</p> <p>Additional attention is needed during restoration.</p> <p>NA at this time. Continue to monitor.</p>
<p>Black Pond Junction to Beseck SS Fleming Rd. High Hill Rd. South to East Meriden Substation and north to Black Pond</p>	<p>The braided stream channels at structure #24415 (near East Meriden Sub) had recently been well restored and remain in good shape and were flowing clear. 4/14/08</p>	<p>Trees previously cleared in the wetland have new growth sprouting from the stumps and the area should come back successfully in the growing season. Continue to monitor for erosion until full vegetative cover establishes. 4/14/08</p>	<p>Streams and wetlands were restored very well.</p>

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	<p>Areas of exposed soil are present within wetlands north and south of High Hill Rd. and south of East Main St. 11/5-4/14/08 Timber mats removal has previously occurred in locations north and south of High Hill Rd., controls remain intact. 4/14/08</p> <p>The sub-base lay down pad remains in the wetlands north of High Hill Rd. Timber mats were stockpiled here. 3/3-4/14/08</p> <p>Controls remain at Black Pond Jct. 4/14/08</p>	<p>Monitor controls and continue to stabilize soils as soon as weather permits (some areas have been exposed since 11/5) See erosion controls section for more information. 4/14/08</p> <p>Expedite work and remove gravel, timber mats, and restore as soon as possible. 12/10-4/14/08</p> <p>See erosion control section. 4/14/08</p>	<p>Needs stabilization and restoration as soon as feasible within timelines.</p> <p>Restoration will likely occur in a linear fashion in this section</p> <p>NA at this time.</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 but are active again at the last pad upgradient from the stream. 4/14/08</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, red fox, and wild turkeys have been observed during past inspections. These are not state listed species, but indicate good habitat. 4/14/08</p>	<p>April 1st is the start of the wood turtles active season; Sweeps at this last pad should start prior to work each day. 4/14/08</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 can block foraging/migrating wildlife 4/14/08</p>	<p>Crews should be reminded of the potential for turtles in this area and turtle sweeps will need to occur prior to each workday.</p> <p>Continue to monitor</p> <p><i>Amphibian egg masses noted at Johnson Ln. and E. Mount and chorusing spring peepers and wood frogs noted east of Beseck SS</i></p>
<p>Vegetative clearing or stabilization</p> <p>ROW west of Scovill Rock SS to Chestnut Junction Powder Hill Rd.;</p>	<p>The clearing that had been performed is complete in these areas. Some pad sites are along slopes and may have issues with erosion</p>	<p>Retain species approved by the D&M plan wherever feasible. Continue to stabilize areas and monitor for vegetative cover. 4/14/08</p>	<p><i>In all areas, be aware of limits of clearing and stick to the specifications of the D&M plan</i></p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Little Lane; Durham Rd (Golf course) Black Walnut Dr; Valley View Dr.; Rte 157; ROW North of Besock SS to Black Pond</p> <p>Remaining work areas</p>	<p>during heavy rains. Most disturbed soil areas have been mulched and seeded as needed. Grass cover and revegetation noted in many areas. 4/14/08</p> <p>Contractors continue final grading and temporary stabilization measures as site work is completed in several areas. 4/14/08</p>	<p>Grass seed has started to germinate now do to warmer weather.</p> <p>The D&M states that areas should be temporarily stabilized if work will not return in 21 days. It is BSC's interpretation that silt fence/ haybales/ fiber rolls alone are not sufficient in most situations. 4/14/08</p>	<p>Reclamation is occurring. Continue to stabilize within timelines provided</p>
<p>Arbutus St.</p>	<p>Restoration is almost complete in this area. Additional hay/seed is needed on one slope. Controls may be needed until the area is stable. 3/31-4/14/08 Additional hay/seed is needed on one slope. 4/14/08</p>	<p>Add controls as needed. Apply hay/seed on the exposed slope west of Arbutus. 4/14/08</p>	<p>Hay/seed needed on a exposed slope</p>
<p>North of BSS (to #24455)</p>	<p>Restoration is almost complete. All but one pad site have been reclaimed and exposed areas have been mulched/seeded. Access road reclamation was underway. 4/14/08</p>	<p>Continue to stabilize areas as applicable. Monitor exposed soils until full vegetative cover can establish. 4/14/08</p>	<p>Reclamation is almost complete.</p>
<p>North of High Hill Rd. South of East Main St.</p>	<p>In the vicinity of East Meriden SS, several washouts/rills have formed in a steep slope of a pad that had previously been mulched. 1/7-4/14/08 The controls had been replaced but the gullies had not been addressed. 2/25-4/14/08</p> <p>The area at E. Meriden SS. near #24464 is restored well and will likely be successful during the growing season. Good preservation of woody species was noted in</p>	<p>Regrade washouts and stabilize slopes as needed. Additional controls are needed to slow and filter stormwater. See erosion control section as well. 2/25-4/14/08 A more permanent solution was approved here. 3/31-4/14/08</p> <p>Ensure complete coverage with controls, return for final stabilization and monitor for vegetative growth. Attend to the remaining areas within the approved timelines. Ensure there is temporary</p>	<p>Erosion needs attention</p> <p><i>Contractors were give approval for a more permanent solution here</i></p> <p>Additional stabilization is needed. Restoration is being proposed in a linear fashion.</p>

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	wetlands north of High Hill. Pad areas will still need restoration. 4/14/08	stabilization if full restoration won't occur right away. 4/14/08	
Dewatering Black Pond Junction to Beseck SS North of Beseck SS to East Meriden Substation	Dewatering appears complete at this time. Most basins have been removed.	Continue to restore areas as needed. 4/14/08	Continue working on restoration.
Blasting	No blasting is proposed. 4/14/08	None 4/14/08	NA
Spills, soils and material storage All active areas	Spill controls move from site to site with the equipment. 4/14/08	Always use spill control materials when working on equipment and during refueling. Park equipment 100 feet from wetlands when feasible 4/14/08	NA
Oxbow Junction to Beseck SS Contractor Receiving Yard and Staging Area	Materials are being stored and structures staged in this area. Fuel tanks are not present. 4/14/08	Continue to locate hazardous materials and equipment away from wetland inlets such as culverts and CBs. 4/14/08	NA
Black Pond Junction to Beseck SS	Some equipment and supplies are being stored here. A large spill kit is stored onsite. 4/14/08	Always store equipment and supplies away from sensitive areas. Monitor and maintain equipment as needed and provide housekeeping on a regular basis. 4/14/08	NA at this time
North/South of High Hill Rd.	Timber mats stockpile has been removed from the edge of the wetlands north of High Hill. 4/14/08	Continue to remove stockpiles and timber mats and restore areas as soon as possible. 4/14/08	Timber mats removed.
Additional Observations	A container filled approximately halfway with what appears to be oil was noted on the edge of timber mats within wetlands off Durham Rd. This appears to have been dumped and not related to the project. 4/14/08	If contractors are willing to take responsibility for disposal of the material, it should be removed and properly discarded. 4/14/08	Needs evaluation/consideration.

**Next likely scheduled
inspection:** Monday April 21, 2008

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: Matt Creighton, BSC Group

Reviewer: Diana Walden, BSC Group



E. Mount Rd: Timber mats were removed from the wetland crossing at the E. Mount entrance. However, future access still appears to be needed and the crossing will need to be replaced.



Johnson Ln: Timber mats and culvert were removed from the wetland crossing. A new permanent stone access road was installed, effectively bisecting the wetland and blocking hydrology. A culvert should be added.



Arbutus St: Timber mats were removed and a new permitted stone access road was installed at the edge of the wetlands. Stabilize exposed soil as needed.



Arbutus St: Restoration almost complete west off the roadway. Final grading is complete, however hay/seed and controls are needed until the area is stable.



Durham Rd: It appears a non-project related container was dumped on the mats at the edge of the wetland. The container was ½ filled with a liquid that appears to be oil.



North of Beseck SS: Final grading and access road work is underway. Stabilize exposed areas as needed and monitor the area.



North of E. Main St: Controls are still in place along the wetlands and The new drainage channel is working well. These areas are waiting for reclamation.



Black Pond Jct: Drainage channels and repaired controls appear to be working well. Stabilize/reclaim this area as soon as possible.