

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: March 26, 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: 0.25” of precipitation was recorded in the week prior to inspection, with 0.22” of the total reported on 3/24 (NOAA data at Meriden, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Access roads and adjacent roadways</p> <p>All work areas (including Oxbow Junction, Black Pond, Little Lane, Contractor Receiving Yard, Rte. 17, Valley View Dr., west of Scovill SS)</p>	<p>Access roads and stone tracking pads are in place at the ROW entrance. Associated roadways were free of project related sediment at this time. 3/26/07</p>	<p>Sweep the roadways and refresh stone as needed. Clean existing controls in CBs as necessary. 3/26/07</p>	<p>Not Applicable (NA)</p>
<p>Scovill SS west to Chestnut Junction</p>	<p>An existing access road was being used for minor tree clearing from Scovill SS west to Rte. 9. Two streams were crossed using timber mats along the access road. Some turbid run-off was noted pooling on the access road and draining into a nearby wetland. 3/26/07</p>	<p>Sweep sediment from Freeman Road and Rte 9 as needed. Controls should be added as soon as soil will be disturbed in or adjacent to sensitive areas. 3/26/07</p>	<p>Needs attention.</p>
<p>Oxbow Junction to Beseck SS</p> <p>Haddam Quarter Rd. (Oxbow Junction) To Foot Hills Rd.</p>	<p>The pond adjacent to the access road has some haybales in place; a filter sock was installed along the length of the pond prior to work starting this week. The access road was being graded 3/26/07</p>	<p>Continue to add controls where needed, i.e. mulch, check dams, silt fence, to control sediment and prevent erosion. Clean roadway as needed. 12/5/06-3/26/07</p>	<p>NA</p>

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Arbutus Street	<p>Turbid run-off was noted at the turn onto the ROW from Haddam Quarter Rd. Silt fence in this area did not contain all sediment in run-off, however run-off did not reach off-site wetlands. 3/26/07</p>	<p>More controls are needed at the turn in access road onto the ROW. 3/26/07</p>	<p>Needs attention when feasible.</p>
	<p>Run-off also noted at the matted wetland crossing flowing into off-site wetlands. No controls have been installed in this area. 3/26/07</p>	<p>Controls are needed adjacent to the wetland crossing to contain and filter run-off. Also, reduce sediment tracking to the timber mats. 3/26/07</p>	<p>Needs attention.</p>
	<p>The CB controls appear to be working properly. No sediment was noted in the wetlands at the outlet. 3/26/07</p>	<p>Monitor access entrance and maintain CB controls when needed. Sweep roadway as needed. 3/26/07</p>	<p>Needs to be monitored.</p>
	<p>An access road is in place west of Arbutus St. The portion crossing the edge of a wetland is constructed with timber mats. No run-off noted. 3/26/07</p>	<p>Continue to monitor and adjust controls as needed. 3/26/07</p>	<p>NA</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 were being installed over the base stone (stone, crush stone, & soil mix) that was previously installed. 3/26/07</p>	<p>See erosion control section; continue to monitor this area carefully due to steeper slopes and adjacent wetlands. New stone access should reduce run-off on steeper slopes. 3/26/07</p>	<p>Additional layers of stone were being installed.</p>
Little Lane and Rt 17	<p>Access includes timber mats and a (temporary) culvert to cross a section of wetlands and small stream. Turbid water was noted flowing from the crossing, over the silt fence, and into off-site wetlands. 3/26/07</p>	<p>Repair controls and reinforce them as needed. Culverts are temporary and are will be restored at the completion of work. See Erosion Control section 3/26/07</p>	<p>Needs attention.</p>
Cherry Hill Rd. (east)	<p>The access road is in place east of Cherry Hill</p>	<p>Some steeper slopes were noted here, continue to</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Durham Rd	<p>place east of Cherry Hill Rd. to reach pad areas within the transfer station. 3/26/07</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. 3/26/07</p>	<p>noted here, continue to watch for run-off or add controls as needed. 3/26/07</p> <p>Clean/sweep Durham Rd. as needed. See erosion control section 3/26/07</p>	NA
Powder Hill Rd	<p>Access road is in place east and west of Powder Hill Rd. Efforts were focused on several areas of turbid run-off flowing down the access road and off-site. Slightly turbid run-off was also noted from the wetland crossing. 3/26/07</p>	<p>The access road will be reinforced with stone and culverts are being added to better direct/convey water. Detention traps are proposed to contain run-off and workload was reduced in the area until it can dry out. 3/26/07</p>	<p>Active efforts were noted at the time of inspection to control sediment and turbid run-off. Work in the area was reduced. Needs additional attention.</p>
Valley View Dr	<p>Roadway is free of sediment. 3/26/07</p>	<p>Continue to monitor roadway and add controls as needed. 3/26/07</p>	NA
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. 3/26/07</p>	<p>Monitor and adjust controls to continue filtering the turbid water. 3/26/07</p>	NA
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. 3/26/07</p>	<p>Continue to monitor and adjust controls as needed. 3/26/07</p>	<p>Water bars and haybales were added proactively.</p>
Fleming Road	<p>The stone tracking pad remains in place to connect the ROW access road to the Besck SS tracking pad. Stone fill was placed and graded in muddy areas along the access road to help stabilize soils. 3/26/07</p>	<p>Monitor and maintain tracking pad and continue to work on problem areas. 3/26/07</p>	NA.
Fleming Road	<p>Fleming Rd. is free of sediment at this time and</p>	<p>Add controls/tracking pad at ROW access points</p>	Needs regular attention

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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>sediment at this time and is only used for limited access to structures. 3/26/07</p> <p>Access road installation is complete in this section resulting in several stream and wetland crossings. 3/26/07</p> <p>New access road is also installed north off High Hill Rd. 3/26/07</p>	<p>pad at ROW access points to prevent sediment tracking. Sweep roadway as needed. 3/26/07</p> <p>Continue to adjust and maintain controls as needed. See erosion controls section. 3/26/07</p> <p>Monitor for tracking and install controls as necessary. 3/26/07</p>	<p>NA</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>Arbutus St.</p> <p>Black Walnut Dr. (east)</p> <p>North of Contractor Yard Along Rte. 17 and Little Lane</p> <p>Cherry Hill Rd. (east)</p> <p>Powder Hill Rd.</p>	<p>Only clearing and access at this time. 3/26/07</p> <p>A new pad was installed off Haddam Quarter Rd. upgradient from the wetland. 3/26/07</p> <p>Pad construction east and west of Arbutus St. is complete. 3/26/07</p> <p>Pad construction is complete up to the boundary of the Ball Brook habitat. 3/26/07</p> <p>Some grading done in preparation for drilling off Little Lane. 3/26/07</p> <p>New poles/lines installed between Little Ln. and Rte 17. 3/26/07</p> <p>The pad construction and retaining wall was complete within the transfer station. 3/26/07</p> <p>Pad construction, foundation drilling and concrete pouring were put on hold to work on</p>	<p>Monitor and add controls as needed. See erosion control section. 3/26/07</p> <p>Continue to monitor and adjust controls. See erosion control section. 3/26/07</p> <p>Continue to monitor and adjust controls. See erosion control section. 3/26/07</p> <p>Monitor and add/adjust controls as needed. See erosion control section. 3/26/07</p> <p>Continue to monitor. 3/26/07</p> <p>Monitor controls during installation. Maintain as needed. 3/26/07</p> <p>Monitor and adjust controls as needed, especially on the steeper slopes. See erosion control section. 3/26/07</p> <p>Monitor and adjust controls as needed. See access roads section. 3/26/07</p>	<p>NA</p> <p>NA.</p> <p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p> <p>Construction on hold to work on erosion and sediment controls issues.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Valley View Drive (west to Beseck SS) East of Beseck SS</p> <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>erosion and sediment control issues. 3/26/07</p> <p>Foundation drilling underway during inspection. 3/26/07</p> <p>Foundation drilling pouring and pole installation continue. 3/26/07</p> <p>Site clearing, grading, drilling, access road construction continues. A foundation was being installed just south of East Meriden SS. A timber mat pad was in place south of High Hill Rd. 3/26/07</p> <p>Temporary poles were installed and lines were transferred. 3/26/07</p> <p>No new work noted since the installation of the monopole. 3/26/07</p>	<p>Monitor and adjust controls as needed. 3/26/07</p> <p>Continue to monitor and see erosion control and dewatering section for more details. 3/26/07</p> <p>Continue to monitor and see erosion control section. 3/26/07</p> <p>Monitor controls and see erosion control section for more details. 3/26/07</p> <p>Continue to monitor and add controls as needed. 3/26/07</p>	<p>NA</p> <p>NA</p> <p>NA</p> <p>NA.</p> <p>NA</p>
<p>Erosion and sediment controls Scovill SS west to Chestnut Junction</p> <p>Oxbow Junction to Beseck SS Haddam Quarter Rd. To Foot Hills Rd.</p>	<p>Stumps were left in place to reduce erosion following minor tree clearing 3/26/07</p> <p>Turbid water is ponding on the access road and overflowing into a wetland off site. Controls are not in place since clearing is the only active construction at this point. However, skidding and vehicle tracking result in disturbed soil. 3/26/07</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. 3/26/07</p>	<p>Monitor and add controls if needed. 3/26/07</p> <p>Add controls when entering sites for clearing and as soon as soil is disturbed, when resource areas are adjacent. 3/26/07</p> <p>Continue to add controls, i.e. mulch, check dams, silt fence, haybales, etc., and a tracking pad as needed to contain sediment. 3/26/07</p>	<p>NA</p> <p>Needs attention.</p> <p>NA</p>

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	<p>Run-off was noted flowing off-site at the turn onto the ROW and at the timber mat wetland crossing where controls were not located. 3/26/07</p>	<p>Controls are needed along the timber mat crossing and additional controls are needed at the turn onto the ROW from the access road. 3/26/07</p>	<p>Needs attention.</p>
<p>Arbutus Street</p>	<p>Controls are in place at the extension of the pad east of Arbutus St. 3/26/07</p>	<p>Monitor silt fence and wetlands for sediment. Adjust/extend controls as needed. 3/26/07</p>	<p>NA</p>
<p>Black Walnut Dr.</p>	<p>Fiber rolls/filter socks remain at the base of slope of the access road. Water bars are re-directing turbid run-off into lines of staked haybales. Clear water was filtering from haybales and flowing off site. 3/26/07</p>	<p>Continue to adjust controls as needed and ensure that the filter socks and drainage ditches are adequate to filter run-off. 3/26/07</p>	<p>NA</p>
	<p>Bark mulch, haybales and filter socks remain along the steep slope of the pad upgradient of Ball Brook. 3/26/07</p>	<p>Continue to monitor and adjust controls to protect the resource area downgradient. 3/26/07</p>	<p>NA.</p>
<p>Contractor Receiving Yard and Storage Area</p>	<p>A few fiber rolls have been run over along the access drive. 2/12-3/26/07</p>	<p>Repair/replace damaged fiber roll. 2/12-3/26/07</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. The fallen sections of silt fence have been supported with haybales. 3/26/07</p>	<p>Continue to add, maintain, and monitor controls as necessary. 3/26/07</p>	<p>NA</p>
<p>North of Contractor Yard Along Rte. 17 and Little Lane</p>	<p>Timber mats and a culvert are in place at the wetlands and stream crossing. At one spot, turbid water is flowing from the site and over a fallen section of the silt fence. 3/26/07</p>	<p>Repair the section of silt fence and reinforce controls as necessary to ensure they adequately contain/filter run-off. 3/26/07</p>	<p>Needs attention.</p>

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Durham Rd.	Wetland crossings were in place west of Durham Rd. within the ROW. 3/26/07	Erosion controls may be needed along the edges of the new access road if sedimentation is noted Monitor surrounding wetlands closely. 3/26/07	Needs to be monitored
Cherry Hill Rd. (east)	Filter socks were in place along the steep slope at the pad site east of Cherry Hill Rd. 3/26/07	Continue to monitor pad installation for tracking and erosion down the steep slope. Ensure that controls are adequate to control run-off. 3/26/07	NA.
Powder Hill Rd.	Silt fence and timber mats are in place along the access road. filter socks are in place for additional control downgradient of smaller stream crossings. Major sediment migration has occurred along this slope and turbid water is flowing off-site and into wetlands in several locations. Check dams of haybales, sections of silt fence and filter socks were being overwhelmed by sediment and turbid run-off. 3/26/07	Adjust and reinforce controls as necessary to stop sediment from leaving the site and entering the wetlands. New controls are needed and were discussed (i.e. detention basins, culverts, riprap outlets, etc.). Contractors had stopped construction to focus on these issues. 3/26/07	Contractor was actively working to repair and upgrade the controls. Needs continued attention.
	Mud and turbid water are being forced through the timber mats as large equipment drives over them, compressing the mats into the mud and adding to the turbid run-off and disturbed soils along the access road. 3/26/07	Contractor discussed elevating timber mats to reduce impacts. Good weather will help dry the site this week. Good efforts have been noted to attend to these issues. 3/26/07	Contractor was discussing solutions here. Needs continued attention.
	Several of the pads east of the roadway are along a steep slope and controls may be needed to prevent erosion. Existing vegetation and root masses currently stabilize the slope but thaws will weaken soil structure. 2/20-3/26/07	Watch for changes in run-off patterns that may affect neighboring properties. Temporary stabilization and controls may be needed around construction areas located on this slope. 1/23/07-3/26/07	Needs to be monitored

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<p>Valley View Drive (west to Beseck SS)</p>	<p>Erosion controls were installed along the edge of the access road. The impact area was minor and stable. 3/26/07</p>	<p>Continue to monitor controls and roadway. 3/26/07</p>	<p>NA.</p>
<p>Black Pond Junction to Beseck SS ROW, North of Beseck SS</p>	<p>At the spot adjacent to the wetlands east of Beseck SS, fiber rolls (filter socks) remain downgradient of the timber mat pads. 3/26/07</p>	<p>Monitor controls closely within and adjacent to wetlands as the ground thaws. Adjust and reinforce as necessary. 3/26/07</p>	<p>NA at this time.</p>
<p>Black Pond Junction to Beseck SS ROW, North of Beseck SS</p>	<p>Water bars and haybales remain in place along the access road. Stone base was used at saturated areas to stabilize the access road. Sediment accumulation was noted at the haybales in some spots. 3/26/07</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. 3/26/07</p>	<p>Stone was being added and controls are in place but continued attention is needed.</p>
<p>Black Pond Junction to Beseck SS ROW, North of Beseck SS</p>	<p>Haybales and silt fence remain adjacent to the pond north of Beseck. 3/26/07</p>	<p>Monitor controls and ensure that all dewatering slurry be adequately contained away from the wetlands. 3/26/07</p>	<p>Needs to be monitored.</p>
<p>Fleming Road</p>	<p>Pad site construction adjacent to the pond was complete. A line of haybales surrounded by two lines of silt fence are in place but slopes are steep here. 3/26/07</p>	<p>Controls look good. Monitor, adjust, and extend controls as needed. Pad slopes should be temporarily stabilized. 3/26/07</p>	<p>NA.</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. 3/26/07</p>	<p>Ensure the controls are adequate for run-off in this area. 3/26/07</p>	<p>NA</p>
	<p>Filter socks are in place along the edge of wetland areas. Efforts were noted to stabilize stream banks with hay mulch. 3/26/07</p>	<p>Continue to monitor and adjust controls as needed. 3/26/07</p>	<p>Controls and stabilization measures were installed in an effort to reduce sedimentation.</p>
	<p>The redirected, culverted stream has haybales and filter socks in place</p>	<p>Add and maintain controls until the area is stabilized. Monitor</p>	<p>Erosion controls mats were installed along the re-routed stream banks</p>

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<p>High Hill Rd. (north to Black Pond)</p> <p>Black Pond</p>	<p>filter socks in place downstream. The banks and adjacent, exposed soil have been stabilized with erosion control mats. 3/26/07</p> <p>A new pad site was constructed using timber mats. Controls are installed but sediment tracking was noted on the mats. 3/26/07</p> <p>Controls are in place along the new access off High Hill Rd. 3/26/07</p> <p>Earth removal for pole installation left areas of disturbed soil. Mulch was added to disturbed area and controls are stable. 3/26/07</p>	<p>stabilized. Monitor controls for effectiveness. 3/26/07</p> <p>Adjust controls as needed. Stabilize adjacent areas in an attempt to reduce tracking to the mats. 3/26/07</p> <p>Continue to monitor and adjust as needed. 3/26/07</p> <p>Monitor controls and continue to adjust as necessary. Continue to stabilize soils. 3/26/07</p>	<p>re-routed stream banks.</p> <p>Controls were installed.</p> <p>NA</p> <p>Mulch added to exposed slope.</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>Durham 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. 3/26/07</p> <p>Run-off and sedimentation issues were noted. Additional controls are needed at the wetland crossing. 3/26/07</p> <p>The controls appear to be filtering turbid water flowing from the site. Suspended sediment is not apparent in the adjacent pond at this time. 3/26/07</p> <p>Access at Durham Rd remains at a deeper area in the wetland that is</p>	<p>Perform work in wetlands under the permitted guidelines. 3/26/07</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. 3/26/07</p> <p>Add controls as needed. See erosion control section. 3/26/07</p> <p>Continue to monitor. Adjust controls as needed around the site. 3/26/07</p> <p>Ensure that construction windows and access limitations continue to be</p>	<p>NA</p> <p>NA</p> <p>Needs attention.</p> <p>NA</p> <p>NA at this time</p>

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Powder Hill Rd.	<p>in the wetland that is difficult to cross. 3/26/07</p> <p>Several smaller streams remain culverted. Turbid water was flowing off site into several wetland areas including into the adjacent pond. Adjustments were being made to filter run-off. 3/26/07</p>	<p>limitations continue to be upheld here. 3/26/07</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. 3/26/07</p>	<p>Needs continued attention.</p>
East of Beseck SS	<p>Timber mat staging areas are in and adjacent to wetlands. The foundation within the wetland is now in place. 3/26/07</p>	<p>Monitor area closely and adequately contain all sediment. 3/26/07</p>	<p>Slurry removal methods were improved</p>
Black Pond Junction to Beseck SS Fleming Rd.	<p>Good controls remain in place at the pad site adjacent to the edge of a pond. 3/26/07</p>	<p>Continue to monitor controls and work along wetlands. 3/26/07</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. Banks were restored with erosion control mats. 3/26/07</p> <p>Clearing occurred within a wetland and along a stream but the root system was retained. 3/26/07</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. 3/26/07</p> <p>Continue to monitor and adjust controls as needed. 3/26/07</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. 3/26/07</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</p>	<p>None. 3/26/07</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</p>	<p>NA</p> <p>Alternative access was constructed to reach poles without crossing Ball Brook.</p> <p>Active wood turtle season is approaching April 1st. Consider</p>

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	installed upgradient from the habitat. 3/26/07	consider performing sweeps at this last pad as turtles do forage/migrate away from streams. 3/26/07	mitigation/sweeps in this area.
<p>Vegetative clearing or stabilization</p> <p>Powder Hill Rd.; Little Lane; Durham Rd; Black Walnut Dr; Valley View Dr.</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 3/26/07</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 ground thaws. 3/26/07</p> <p>Clearing had been occurring here. Stumps were retained along the edge of the pond to stabilize soils 3/26/07</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. 3/26/07</p>	<p>In all areas, be aware of limits of clearing and stick to the specifications of the D&M plan. 3/26/07</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. 3/26/07</p> <p>Continue to further stabilize soils as necessary. See erosion control section. 3/26/07</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. 3/26/07</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>East of Beseck SS</p>	<p>Active dewatering was not observed west of Powder Hill Rd. Dewatering slurry was well contained within a sediment basin. 3/26/07</p> <p>East of Beseck SS, the foundation was installed within the wetland.</p>	<p>Continue to monitor the capacity of the sediment basin and add controls as needed. 3/26/07</p> <p>Continue to use methods that adequately contain the slurry and water.</p>	<p>Dewatering appears contained proactively within a basin.</p> <p>Slurry removal is complete here and was performed</p>

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<p>Black Pond Junction to Beseck SS North of Beseck SS to East Meriden Substation</p> <p>Fleming Rd.</p>	<p>Slurry had been pumped into a settling tank and trucked to a containment basin, which includes filter bags. 3/26/07</p> <p>Dewatering was occurring and a pump truck was being used to truck 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. 3/26/07</p> <p>Another containment area remains near the new pad site in this section. 3/26/07</p>	<p>3/26/07</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. 3/26/07</p> <p>Continue to monitor capacity of the basin and adjust controls as necessary. 3/26/07</p>	<p>appropriately.</p> <p>Basins and filter bags are in place and slurry appears to be well contained.</p> <p>NA.</p>
<p>Blasting</p>	<p>No blasting is proposed. 3/26/07</p>	<p>None 3/26/07</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. 3/26/07</p> <p>Drilling and foundation work continues and concrete washout containment will be necessary. 3/26/07</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 controlled. Fire extinguishers and spill kits are located near the fuel tanks. 3/26/07</p> <p>A reportable (approx. 3-4 gallon), spill was located near the fuel tanks. This spill was discovered by the inspector on 3/26. Once contractors were</p>	<p>Always use spill control materials when working on equipment and during refueling 3/26/07</p> <p>Provide appropriate containment for washouts. Be especially careful of concrete containment near wetlands. 3/26/07</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 3/26/07</p> <p>Spill controls should always be used when equipment is leaking during refueling and equipment maintenance. 1/22-3/26/07</p>	<p>NA</p> <p>Needs regular attention.</p> <p>A stone pad is in place for spill control</p> <p>The spill was largely contained to the stone pad and appeared to have little contact with the soil below. Stone & soils were removed,</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>notified, the spill including the stone and soils, was removed, disposed of, and reported appropriately in less than 24 hours. A follow-up inspection was performed the morning of 3/27. 3/26/07</p>	<p>Spills should always be contained and removed as soon as the spill occurs to reduce possible contamination. 3/26/07</p>	<p>and the spill was appropriately reported within the day.</p> <p>The contractor also held a meeting to discuss proper procedures for spill prevention, cleanup and reporting</p>
ROW near Beseck SS	<p>Foundation installation/pouring north and east of Beseck SS is adjacent to resource areas. 3/26/07</p>	<p>Remove and dispose of concrete appropriately. Be especially careful of concrete containment near wetlands. 3/26/07</p>	<p>NA at this time.</p>
Black Pond Junction to Beseck SS	<p>Site is very active and equipment and supplies are being stored here. A large spill kit was stored onsite near the portable sanitary facilities. 3/26/07</p>	<p>Always store equipment and supplies away from sensitive areas. Monitor and maintain equipment as needed and provide housekeeping on a regular basis. 3/26/07</p>	<p>Spill controls stored onsite.</p>
Additional Observations	<p>Non-project related debris (cups, pizza boxes, etc.) was noted off Arbutus Street. 3/26/07</p> <p>Weather is getting warmer and contractors should consider seeding disturbed areas for temporary stabilization when feasible. 3/26/07</p>	<p>Monitor and clean debris when in the area. 3/26/07</p> <p>Seed areas where work is complete or will be left unworked for longer than 1 month. 3/26/07</p>	<p>Non-project related debris noted.</p> <p>Consider seeding disturbed areas.</p>

Next likely scheduled inspection: Monday April 2, 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



View of turbid water flowing over a degraded section of silt fence off Little Lane and Rte. 17. Repair silt fence and reinforce controls in this location.



Filter socks remain along the pad and access road slope within the transfer station off Cherry Hill Rd. Ensure that controls are adequate to slow erosion.



View of access road leading to the culvert area off Black Walnut Dr. Additional layers of stone were being installed over the previous access road to reduce run-off and increase stability.



View of pad site off Black Walnut Dr. upgradient of Ball Brook. Following snow melt, the additional mulch and controls could be observed along the slope.



Haybales and water bars are in place along the access road off Black Walnut Dr. Continue to monitor the area during spring rain events.



Turbid run-off starting to flow offsite at the wetland crossing off Haddam Quarter Road. Although adjacent vegetation is providing some filtration, controls should be added.



Reportable fuel spill was observed adjacent to the fuel storage tanks in the contractor receiving yard. It was estimated that 3-4 gallons of fuel had spilled on the stone pad here.



Day after the spill. Affected stone and soil were removed from the site and clean stone was added. The stone pad appeared to contain most of the spill and very little soil was affected. Appropriate paperwork was filed to report the spill.



Controls remain in good shape off Black Pond. A small area of the fence was in disrepair and should be maintained. No active work in this area.



Wetland crossing off Powder Hill Road. Slightly turbid water was observed flowing from the stone crossing, despite the controls.



View of newly installed culvert and controls being overwhelmed by turbid run-off in the Powder Hill Rd. section. Sediment is flowing off site.



Turbid water and sediment is flowing around and through the controls in some areas located off Powder Hill Rd. Contractors were actively working to repair the problems during the inspection.



Tracking pad in place along the ROW, connecting to the Beseck SS stone pad to reduce sediment from the ROW. The frac tank seen in the background was used to settle out slurry from the foundation installed in the wetland here.



View of foundation drilling off Valley View Drive, east of Beseck SS.



Controls remain in place along the pond north of Beseck SS to E. Meriden SS off Fleming Rd. Continue to stabilize the slope of the adjacent pad site as feasible.



Foundation installation just south of E. Meriden SS. A slurry pit has been established with a filter bag in place. Slurry was actively being pumped to the containment area during the inspection.



View of the stream flow diverted through the culvert and riprap channel in the ROW between E. Meriden SS to Black Pond. Water in the channel was clear. New erosion control mats had been installed to stabilize the adjacent soil.



New timber mat pad area with controls installed above the stream south of High Hill Road. No run-off was noted.



View of culverts in place under a timber mat crossing in the vicinity of High Hill Rd. Efforts were made to stabilize the adjacent soil.



Filter socks were installed adjacent to resource areas along the ROW here. Root systems remain in place to stabilize the soil.