

## Weekly Environmental Compliance Summary

Project Name:

**Sudbury to Hudson Transmission Reliability Project (USEPA Tracking # MAR1003UW)**

Project Location:

Sudbury, Hudson, and Stow, MA

Week of: November 28 to December 2, 2022

### Summary of Activities Completed:

- On-going Substation Work
- Installation of MH#1 on HMLD property
- Vegetation Removal
  - Chesnut to Bridge 130 (Hudson)
  - Chesnut to Wilkins (Hudson and Stow)
- Installation of erosion controls
  - White Pond Rd to Sudbury Town Line (Hudson)
  - White Pond Rd to Parmenter (Hudson)
  - Sta.# 142+00 to Bridge 130 (Sta.#148+50) (Hudson)
- Rail and tie removal
  - White Pond Rd to Sudbury Town Line (Hudson)
- Expansion of construction entrance pads
  - White Pond Rd (Hudson)
  - Parmenter Rd (Hudson)

### Active Work Areas Being Inspected:

- Sudbury Substation (Boston Post Road)
- Hudson Laydown Yards (555 Main Street and 17 Bonnazoli Avenue and Stowe Court)
- All Construction Entrances (all along MNTA ROW now installed)
- Segments with active vegetation removal (see above)
- Segments with erosion controls (see above)

### Upcoming Work Activities for Next Three Weeks (11/28 through 12/16)

- Substation Construction (G. Greene)
- Installation of MH #1 and duct bank on HMLP property
- Installation of erosion controls in Hudson and coordinate inspections with Conservation Agent
- Rail & tie removal in Hudson (White Pond Road to Sudbury Town Line and White Pond Rd to Parmenter)
- Cut & fill in Hudson (White Pond Rd to Sudbury Town Line)
- Vegetation removal in Sudbury (start December 19- have a site walk with CC Agent and third party inspectors on December 16)

### Distribution List

Lori Capone, Sudbury Conservation Agent  
Kathy Sferra, Stow Conservation Agent  
Pam Helinek, Hudson Conservation Agent  
Adam Duchesneau, Sudbury Planning Director  
Paul McKinlay, Weston and Sampson  
Denise Bartone, Eversource  
Matt Devlin, Eversource  
Matt Lagoy, Eversource  
Vinicius Ludovico, Eversource  
David Couette, PARE Corp.  
Denise Demboski, Stow Town Administrator

Mike Hager, Eversource  
Jason Languedoc, BOND  
Matt Stock, BOND  
Matt Stordy, BOND  
Rebecca Weissman, SWCA  
Ariel Leclerc, SWCA  
Alison Holmes, SWCA  
Megan Aconfora, Eversource  
Darren Ducharme, ET&L  
Jeff Polidor, HWG

David Klinch, Epsilon  
Marty Dudek, CHG  
Polina Safran, SWCA  
Terry Ramborger, AECOM  
Scott Egan, AECOM  
Josh Surette, Epsilon  
Brianna Germain, Eversource  
Miles Lang-Kennedy, Eversource  
Mark Richardson, ET&L  
Janet Carter Bernardi, HWG

## **Epsilon Team Daily Logs**

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# CONSTRUCTION MONITORING REPORT Sudbury to Hudson Transmission Project

Weekly  Storm Event  Daily  Date: 11/29/2022 Time: 7:15am-3:15pm

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Inspector name(s), title(s) and qualifications: **Ariel Leclerc (SWCA), Compliance Monitor, CESSWI, QCIS, QPSWPPP**

Others present/affiliation(s): **Bond, ETL, and Moosehead personnel**

Precipitation/Weather (since last inspection): **Clear, 20s-40s**

Weather conditions (time of inspection & future outlook): **Sunny, 20s-40s**

Inspection Location Description (include segment # and stationing): **Hudson and Stow portions of project**

+Storm event info (approx): **N/A** Start date/time: **N/A** Duration: Amount of rainfall (inches): **N/A**

Project Name:  
**Sudbury to Hudson Transmission Reliability Project**

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Project Location:  
Sudbury, Hudson, Stow, and Marlborough, MA

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USEPA #:  
MAR1003UW

Summary of Activities/Locations Inspected (include segment # and stationing):  
**Observed/inspected tree clearing activities in Segment 1 and 2 (off Chesnut). Observed/inspected installation of erosion controls off White Pond Rd (Segment 6). Observed/inspected rail and tie removal in Segment 6. Observed/inspected work at MH#1/Hudson substation. Inspected erosion controls in Stow portion of project (Segment 1 off Chesnut). Inspected laydown yards at Stowe Ct and 555 Main St.**

**Inspection Notes:**

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Any Significant Discharges of Sediment (or other) or Non-Compliance Actions?  
**No**

Identify presence of stockpiles and document when placed and when removed (week maximum for stockpiles)  
**Stockpile present at substation. Week maximum requirement does not apply to stockpiles outside of ROW.**

Compliance with Previous Observations?  
**Previous observations that needs attention:**  
**-Repair damaged/torn silt fence in Stow portion of project (between Stations 125 and 126 left in segment 1).**  
**-Conduct maintenance to silt fence as requested by Hudson agent.**

New Corrective Action Recommendations

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New Routine Maintenance Recommendations

- Address sediment tracking noted in multiple areas of project.**
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**ENVIRONMENTAL COMPLIANCE**

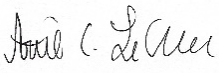
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Compliant with applicable permits and applicable environmental requirements? YES  NO  If not, explain:

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**Other Comments & Observations**

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**Authorized Signature**

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11/29/2022

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**Date**



# CONSTRUCTION MONITORING REPORT

## Sudbury to Hudson Transmission Project



<b>EVERSOURCE PROJECT MANAGER</b> Name: Mike Hager Phone: 508-341-5815 (mobile) Email: michael.hager@eversource.com	<b>ENVIRONMENTAL CONSULTANT</b> <u>Primary Contact (Epsilon Associates)</u> Name: Marc Bergeron (Epsilon Associates) Phone: 508-212-0420 (mobile) Email: mbergeron@epsilonassociates.com <u>Secondary Contact (SWCA)</u> Name: Rebecca Weissman (SWCA) Phone: 339-203-7045 Email: rebecca.weissman@swca.com	<b>PRIME CONTRACTOR (BOND)</b> <u>Primary Contact (BOND)</u> Name: Matt Stock Phone: 617-512-6766 Email: mstock@bond-civilutility.com <b>SUB CONTRACTOR (ET&amp;L Corp.)</b> Name: Mark Richardson Phone: 508-864-8070 Email: mrichardson@etlcorp.com
<b>EVERSOURCE ENVIRONMENTAL CONTACT</b> Name: Matt Devlin Phone: 508-596-0147 Email: matthew.devlin@eversource.com		
<b>EVERSOURCE CONSTRUCTION SUPERVISOR</b> Name: Matt Lagoy Phone: 413-320-8752 Email: Matthew.Lagoy@eversource.com		



**Environmental Monitoring Photographs**

		<b>PHOTOGRAPHIC LOG</b>	
<b>Client Name: Eversource</b>		<b>Site Location: Sudbury to Hudson Transmission Reliability Project</b>	<b>Town: Hudson</b>
<b>Photo No.: 1</b>	<b>Date:</b> 11/29/2022		
<b>Description:</b> View of silt fence along Segment 6. Conduct maintenance to silt fence as requested by Hudson agent (routine maintenance). Facing east.			

		<b>PHOTOGRAPHIC LOG</b>	
<b>Client Name: Eversource</b>		<b>Site Location: Sudbury to Hudson Transmission Reliability Project</b>	<b>Town: Hudson</b>
<b>Photo No.: 2</b>	<b>Date:</b> 11/29/2022		
<b>Description:</b> View of section of rail removed in Segment 6, facing northeast.			



**Environmental Monitoring Photographs**

		<b>PHOTOGRAPHIC LOG</b>	
<b>Client Name:</b> Eversource		<b>Site Location:</b> Sudbury to Hudson Transmission Reliability Project	<b>Town:</b> Hudson
<b>Photo No.:</b> 3	<b>Date:</b> 11/29/2022		
<b>Description:</b> View of clearing activities in Segment 2, facing east.			

		<b>PHOTOGRAPHIC LOG</b>	
<b>Client Name:</b> Eversource		<b>Site Location:</b> Sudbury to Hudson Transmission Reliability Project	<b>Town:</b> Stow
<b>Photo No.:</b> 4	<b>Date:</b> 11/29/2022		
<b>Description:</b> Repair damaged/torn silt fence in Stow portion of project (between Station 125 and 126 left in segment 1) (routine maintenance). Facing north.			

**CONSTRUCTION MONITORING REPORT**  
**Sudbury to Hudson Transmission Project**

**Environmental Monitoring Photographs**

		<b>PHOTOGRAPHIC LOG</b>	
<b>Client Name:</b> Eversource		<b>Site Location:</b> Sudbury to Hudson Transmission Reliability Project	<b>Town:</b> Hudson
<b>Photo No.:</b> 5	<b>Date:</b> 11/29/2022		
<b>Description:</b> View of sediment tracking at MH#1/Hudson substation. Please address sediment tracking noted in multiple locations onsite (routine maintenance). Facing southeast.			

		<b>PHOTOGRAPHIC LOG</b>	
<b>Client Name:</b> Eversource		<b>Site Location:</b> Sudbury to Hudson Transmission Reliability Project	<b>Town:</b> Hudson
<b>Photo No.:</b> 6	<b>Date:</b> 11/29/2022		
<b>Description:</b> View of active work area and E&S controls at Hudson substation. Drainage ditch noted below active work area. Straw wattles have been installed along work area as a precaution. Recommend switching straw wattles for biodegradable wattles/filter socks. Facing southeast.			

# CONSTRUCTION MONITORING REPORT Sudbury to Hudson Transmission Project

Weekly  Storm Event  Daily  Date: 11/30/2022 Time: 7:00am-2:45pm

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Inspector name(s), title(s) and qualifications: **Ariel Leclerc (SWCA), Compliance Monitor, CESSWI, QCIS, QPSWPPP**

Others present/affiliation(s): **Bond, ETL, and Moosehead personnel**

Precipitation/Weather (since last inspection): **Clear, 20s-40s**

Weather conditions (time of inspection & future outlook): **Sun and Rain, 30s-50s**

Inspection Location Description (include segment # and stationing): **Hudson and Stow portions of project**

+Storm event info (approx): **N/A** Start date/time: **N/A** Duration: Amount of rainfall (inches): **N/A**

Project Name:  
**Sudbury to Hudson Transmission Reliability Project**

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Project Location:  
Sudbury, Hudson, Stow, and Marlborough, MA

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USEPA #:  
MAR1003UW

Summary of Activities/Locations Inspected (include segment # and stationing):  
**Observed/inspected chipping activities in Segments 3 and 4 (off Main St). Observed/inspected installation of of erosion controls off White Pond Rd (Segments 5 and 6). Observed/inspected rail and tie removal in Segment 6. Inspected erosion controls in Stow portion of project (Segment 1 off Chesnut). Inspected laydown yards at Stowe Ct and 555 Main St.**

**Inspection Notes:**

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Any Significant Discharges of Sediment (or other) or Non-Compliance Actions?  
**No**

Identify presence of stockpiles and document when placed and when removed (week maximum for stockpiles)  
**Stockpile present at substation. Week maximum requirement does not apply to stockpiles outside of ROW.**

Compliance with Previous Observations?  
**Yes, previous observations have been addressed.**

New Corrective Action Recommendations

New Routine Maintenance Recommendations

**ENVIRONMENTAL COMPLIANCE**

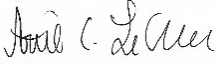
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Compliant with applicable permits and applicable environmental requirements? YES  NO  If not, explain:

**Other Comments & Observations**

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**-Portion of silt fence is damaged in Stow (Segment 1) due to tree piles. Silt fence will be repaired once tree piles have been removed.**


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**Authorized Signature**

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**11/30/2022**

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**Date**







# CONSTRUCTION MONITORING REPORT

## Sudbury to Hudson Transmission Project

<b>EVERSOURCE PROJECT MANAGER</b> Name: Mike Hager Phone: 508-341-5815 (mobile) Email: michael.hager@eversource.com	<b>ENVIRONMENTAL CONSULTANT</b> <u>Primary Contact (Epsilon Associates)</u> Name: Marc Bergeron (Epsilon Associates) Phone: 508-212-0420 (mobile) Email: mbergeron@epsilonassociates.com <u>Secondary Contact (SWCA)</u> Name: Rebecca Weissman (SWCA) Phone: 339-203-7045 Email: rebecca.weissman@swca.com	<b>PRIME CONTRACTOR (BOND)</b> <u>Primary Contact (BOND)</u> Name: Matt Stock Phone: 617-512-6766 Email: mstock@bond-civilutility.com <b>SUB CONTRACTOR (ET&amp;L Corp.)</b> Name: Mark Richardson Phone: 508-864-8070 Email: mrichardson@etlcorp.com
<b>EVERSOURCE ENVIRONMENTAL CONTACT</b> Name: Matt Devlin Phone: 508-596-0147 Email: matthew.devlin@eversource.com		
<b>EVERSOURCE CONSTRUCTION SUPERVISOR</b> Name: Matt Lagoy Phone: 413-320-8752 Email: Matthew.Lagoy@eversource.com		



**Environmental Monitoring Photographs**



		<p align="center"><b>PHOTOGRAPHIC LOG</b></p>	
<p><b>Client Name:</b> Eversource</p>		<p><b>Site Location:</b> Sudbury to Hudson Transmission Reliability Project</p>	<p><b>Town:</b> Hudson</p>
<p><b>Photo No.:</b> 1</p>	<p><b>Date:</b> 11/30/2022</p>		
<p><b>Description:</b> View of rain and tie removal in Segment 6, facing east.</p>			

		<p align="center"><b>PHOTOGRAPHIC LOG</b></p>	
<p><b>Client Name:</b> Eversource</p>		<p><b>Site Location:</b> Sudbury to Hudson Transmission Reliability Project</p>	<p><b>Town:</b> Hudson</p>
<p><b>Photo No.:</b> 2</p>	<p><b>Date:</b> 11/30/2022</p>		
<p><b>Description:</b> View of E&amp;S controls installed in Segment 5, facing west.</p>			

**CONSTRUCTION MONITORING REPORT**  
**Sudbury to Hudson Transmission Project**


**Environmental Monitoring Photographs**


		<b>PHOTOGRAPHIC LOG</b>	
<b>Client Name:</b> Eversource		<b>Site Location:</b> Sudbury to Hudson Transmission Reliability Project	<b>Town:</b> Hudson
<b>Photo No.:</b> 3	<b>Date:</b> 11/30/2022		
<b>Description:</b> View of cleared section of Segment 1, facing west.			

		<b>PHOTOGRAPHIC LOG</b>	
<b>Client Name:</b> Eversource		<b>Site Location:</b> Sudbury to Hudson Transmission Reliability Project	<b>Town:</b> Stow
<b>Photo No.:</b> 4	<b>Date:</b> 11/30/2022		
<b>Description:</b> Damaged/torn silt fence in Stow portion of project (between Station 125 and 126 left in segment 1) has been repaired (routine maintenance has been addressed). Facing north.			

**CONSTRUCTION MONITORING REPORT**  
**Sudbury to Hudson Transmission Project**

**Environmental Monitoring Photographs**

		<p align="right"><b>PHOTOGRAPHIC LOG</b></p>	
<p><b>Client Name:</b> Eversource</p>		<p><b>Site Location:</b> Sudbury to Hudson Transmission Reliability Project</p>	<p><b>Town:</b> Stow</p>
<p><b>Photo No.:</b> 5</p>	<p><b>Date:</b> 11/30/2022</p>		
<p><b>Description:</b>                  Portion of silt fence is damaged in Stow (Segment 1) due to tree piles. Silt fence will be repaired once tree piles have been removed. Facing east.</p>			

		<p align="right"><b>PHOTOGRAPHIC LOG</b></p>	
<p><b>Client Name:</b> Eversource</p>		<p><b>Site Location:</b> Sudbury to Hudson Transmission Reliability Project</p>	<p><b>Town:</b> Hudson</p>
<p><b>Photo No.:</b> 6</p>	<p><b>Date:</b> 11/30/2022</p>		
<p><b>Description:</b>                  View of laydown yard at Stowe Ct, facing northeast.</p>			

# CONSTRUCTION MONITORING REPORT

## Sudbury to Hudson Transmission Project

Weekly    Storm Event    Other      Date: **12-02-22**      Time: **7AM – 3PM**

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Inspector name(s), title(s) and qualifications: **Terry Ramborger (AECOM), Senior Environmental Scientist, CPSS, CPESC & SPWS**

Others present/affiliation(s): **Bond, ETL, Moosehead, MON Landscaping, David Gutbrod (Commonwealth Heritage Group) & Matt Devlin (Eversource)**

Precipitation/Weather (since last inspection): **Sunny, 30 - 40s**

Weather conditions (time of inspection & future outlook): **Sunny, 30s**

Inspection Location Description (include segment # and stationing): **Project wide Hudson-Sudbury**

\*Storm event info (approx): Start date/time: **N/A** Duration: **N/A** Amount of rainfall **N/A** (inches):

Project Name:  
**Sudbury to Hudson  
Transmission Reliability  
Project**

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Project Location:  
**Sudbury, Hudson, Stow, and  
Marlborough, MA**

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USEPA #:  
**MAR1003UW**

**Summary of Activities/Locations Inspected (include segment # and stationing):**  
**Active construction at the Sudbury Substation; Tree chipping between Main Street and Chestnut Street in Hudson; Duct bank work at MH#1 area off 49 Forest Avenue; Silt fence placement Segment 5, Rail/tie removal Segment 6, Silt fence placement near Bridge 130 (Sta.# 142+00 to 148+50). Activity noted within laydown yards located at 555 Main, 17 Bonazzoli Avenue & 25 Stowe Court (all in Hudson).**

**Inspection Notes:**

Any Significant Discharges of Sediment (or other) or Non-Compliance Actions?    Yes     No

Identify presence of stockpiles and document when placed and when removed (week maximum for stockpiles)    Yes     No

Compliance with Previous Observations?    Yes     No

New Corrective Action Recommendations    Yes     No

New Routine Maintenance Recommendations?    Yes     No

**ENVIRONMENTAL COMPLIANCE**

Compliant with applicable permits and applicable environmental requirements?   YES    NO    If not, explain: \_\_\_\_\_

**Other Comments & Observations**

Reviewed placement of silt fencing along ROW between Sta.# 142+50 to Bridge 130 (Sta.# 148+50) (see photo 7) and placement west of Chestnut Road (see photo 4) with Matt Devlin (Eversource) and Mark Richardson (ETL).

**Authorized Signature**  
**Date 12-02-22**

# CONSTRUCTION MONITORING REPORT

## Sudbury to Hudson Transmission Project



### EVERSOURCE PROJECT MANAGER

Name: Mike Hager  
Phone: 508-341-5815 (mobile)  
Email: [Michael.hager@eversource.com](mailto:Michael.hager@eversource.com)

### EVERSOURCE ENVIRONMENTAL CONTACT

Name: Matt Devlin  
Phone: 508-596-0147  
Email: [matthew.devlin@eversource.com](mailto:matthew.devlin@eversource.com)

### EVERSOURCE CONSTRUCTION SUPERVISOR

Name: Matt Lagoy  
Phone: 413-320-8752  
Email: [matthew.Lagoy@eversource.com](mailto:matthew.Lagoy@eversource.com)

### ENVIRONMENTAL CONSULTANT

Primary Contact (Epsilon Associates)  
Name: Marc Bergeron (Epsilon Associates)  
Phone: 508-212-0420 (mobile)  
Email: [mbergeron@epsilonassociates.com](mailto:mbergeron@epsilonassociates.com)

Secondary Contact (SWCA)  
Name: Rebecca Weissman (SWCA)  
Phone: 339-203-7045  
Email: [Rebecca.weissman@swca.com](mailto:Rebecca.weissman@swca.com)



### PRIME CONTRACTOR (BOND)


Name: Matt Stock  
Phone: 617-512-6766  
Email: [mstock@bond-civilutility.com](mailto:mstock@bond-civilutility.com)

### SUB CONTRACTOR (ET & L Corp.)

Name: Mark Richardson  
Phone: 508-864-8070  
Email: [mrichardson@etlcorp.com](mailto:mrichardson@etlcorp.com)



**Environmental Monitoring Photographs**

		<p>PHOTOGRAPHIC LOG</p>	
<p>Client Name: Eversource</p>		<p>Site Location: Sudbury to Hudson Transmission Reliability Project</p>	<p>Town: Hudson</p>
<p>Photo No.: 1</p>	<p>Date: 12-02-22</p>		
<p>Description:</p> <p>Bond laydown yard at 17 Bonazzoli Avenue showing covered stockpiles and categorized by soil type (orange signs), looking southward.</p>			

		<p>PHOTOGRAPHIC LOG</p>	
<p>Client Name: Eversource</p>		<p>Site Location: Sudbury to Hudson Transmission Reliability Project</p>	<p>Town: Hudson</p>
<p>Photo No.: 2</p>	<p>Date: 12-02-22</p>		
<p>Description:</p> <p>MH#1 work area at 49 Forest Avenue, looking eastward.</p>			

**Environmental Monitoring Photographs**



		<p>PHOTOGRAPHIC LOG</p>	
<p>Client Name: Eversource</p>		<p>Site Location: Sudbury to Hudson Transmission Reliability Project</p>	<p>Town: Hudson</p>
<p>Photo No.: 3</p>	<p>Date: 12-02-22</p>		
<p>Description:</p> <p>Feller buncher at Wilkins Street, looking westward.</p>			

		<p>PHOTOGRAPHIC LOG</p>	
<p>Client Name: Eversource</p>		<p>Site Location: Sudbury to Hudson Transmission Reliability Project</p>	<p>Town: Hudson</p>
<p>Photo No.: 4</p>	<p>Date: 12-02-22</p>		
<p>Description:</p> <p>Chestnut Street, future placement of silt fencing left side of area, looking westward.</p>			





**Environmental Monitoring Photographs**

		<p>PHOTOGRAPHIC LOG</p>	
<p>Client Name: Eversource</p>		<p>Site Location: Sudbury to Hudson Transmission Reliability Project</p>	<p>Town: Hudson</p>
<p>Photo No.: 5</p>	<p>Date: 12-02-22</p>		
<p>Description:</p> <p>Chipping operations at approximate Sta. # 156+50, looking northward.</p>			

		<p>PHOTOGRAPHIC LOG</p>	
<p>Client Name: Eversource</p>		<p>Site Location: Sudbury to Hudson Transmission Reliability Project</p>	<p>Town: Hudson</p>
<p>Photo No.: 6</p>	<p>Date: 12-02-22</p>		
<p>Description:</p> <p>Removal of old railroad ties east of White Pond Road at approximate Sta.#344+00, looking southward.</p>			

**Environmental Monitoring Photographs**

		<p>PHOTOGRAPHIC LOG</p>	
<p>Client Name: Eversource</p>		<p>Site Location: Sudbury to Hudson Transmission Reliability Project</p>	<p>Town: Hudson</p>
<p>Photo No.: 7</p>	<p>Date: 12-02-22</p>		
<p>Description:</p> <p>Placement of silt fencing left side of right-of-way at Sta.# 142+00 to 148+50, looking eastward.</p>			

		<p>PHOTOGRAPHIC LOG</p>	
<p>Client Name: Eversource</p>		<p>Site Location: Sudbury to Hudson Transmission Reliability Project</p>	<p>Town: Hudson</p>
<p>Photo No.: 8</p>	<p>Date: 12-02-22</p>		
<p>Description:</p> <p>Cutting of rail east of White Pond Road at approximate Station # 349+50, looking eastward.</p>			

**Epsilon Team Full SWPPP Inspection Report(s)**

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# CONSTRUCTION MONITORING REPORT

## Sudbury to Hudson Transmission Project



Weekly  Storm Event  Other Date: 11-28-2022 Time: 7:15am-2:30pm

Inspector name(s), title(s) and qualifications: **Ariel Leclerc (SWCA), Compliance Monitor, CESSWI, QCIS, QPSWPPP**

Others present/affiliation(s): **Bond, ETL, and Moosehead personnel**

Precipitation/Weather (since last inspection): **Rain and sun, 30s-50s**

Weather conditions (time of inspection & future outlook): **Sunny, 40s-50s**

Inspection Location Description (include segment # and stationing): **Project wide Hudson- Sudbury**

\*Storm event info (approx): Start date/time: **11-27-2022 at 5:00pm** Duration: **10 hours**

Amount of rainfall (inches): **0.45" at 10:30am on 11-28-2022**

Project Name:

**Sudbury to Hudson  
Transmission Reliability  
Project**

Project Location:

**Sudbury, Hudson, Stow, and  
Marlborough, MA**

USEPA #:

**MAR1003UW**

### Summary of Activities/Locations Inspected (include segment # and stationing):

**Observed/inspected chipping activities in Segment 4 (Parmenter to Main). Observed/inspected tree clearing activities in Segment 2 (Chesnut to bridge 130). Observed/inspected installation of erosion controls off White Pond Rd (Segment 6). Inspected work at MH #1. Inspected all previously installed construction entrance pads and associated E&S controls. Inspected laydown yards (Stowe Ct, Main St, and Bonazzoli Ave) and associated E&S controls. Inspected active work, stockpile, and E&S controls at Sudbury Substation.**

### Inspection Notes:

Any Significant Discharges of Sediment (or other) or Non-Compliance Actions?  Yes  No

Identify presence of stockpiles and document when placed and when removed (week maximum for stockpiles)  Yes  No

**Stockpile present at substation. Week maximum requirement does not apply to stockpiles outside of ROW.**

Compliance with Previous Observations?  Yes  No

New Corrective Action Recommendations?  Yes  No

New Routine Maintenance Recommendations?  Yes  No

**-Repair damaged/torn silt fence in Stow portion of project (between Stations 125 and 126 left in segment 1)**

**-Conduct maintenance to silt fence as requested by Hudson agent.**

### ENVIRONMENTAL COMPLIANCE

Compliant with applicable permits and applicable environmental requirements?  Yes  No If not, explain: \_\_\_\_\_

### Other Comments & Observations

**- Attended meeting with Pam Helinek, Hudson agent, to inspect silt fence off White Pond Rd. Minor maintenance items requested by agent.**

**Authorized Signature**

**Date**

**11/28/2022**

# CONSTRUCTION MONITORING REPORT

## Sudbury to Hudson Transmission Project



### EVERSOURCE PROJECT MANAGER

Name: Mike Hager  
Phone: 508-341-5815 (mobile)  
Email: [Michael.hager@eversource.com](mailto:Michael.hager@eversource.com)

### EVERSOURCE ENVIRONMENTAL CONTACT

Name: Matt Devlin  
Phone: 508-596-0147  
Email: [matthew.devlin@eversource.com](mailto:matthew.devlin@eversource.com)

### EVERSOURCE CONSTRUCTION SUPERVISOR

Name: Matt Lagoy  
Phone: 413-320-8752  
Email: [matthew.Lagoy@eversource.com](mailto:matthew.Lagoy@eversource.com)

### ENVIRONMENTAL CONSULTANT

Primary Contact (Epsilon Associates)  
Name: Marc Bergeron (Epsilon Associates)  
Phone: 508-212-0420 (mobile)  
Email: [mbergeron@epsilonassociates.com](mailto:mbergeron@epsilonassociates.com)

Secondary Contact (SWCA)  
Name: Rebecca Weissman (SWCA)  
Phone: 339-203-7045  
Email: [Rebecca.weissman@swca.com](mailto:Rebecca.weissman@swca.com)

### PRIME CONTRACTOR (BOND)

Name: Matt Stock  
Phone: 617-512-6766  
Email: [mstock@bond-civilutility.com](mailto:mstock@bond-civilutility.com)

### SUB CONTRACTOR (ET & L Corp.)

Name: Mark Richardson  
Phone: 508-864-8070  
Email: [mrichardson@etlcorp.com](mailto:mrichardson@etlcorp.com)

Section A – General Information (If necessary, complete additional inspection reports for each separate inspection location.)	
Inspector Information	
Inspector Name: Ariel Leclerc, CESSWI, QCIS, QPSWPPP	Title: Compliance Monitor
Company Name: SWCA Environmental Consultants	Email: ariel.leclerc@swca.com
Address: 153 Cordaville Road, Suite 130, Southborough, MA 01772	Phone Number: 401-496-8471
Inspection Details	
Inspection Date: 11/28/2022	Inspection Location: Project wide Hudson- Sudbury
Inspection Start Time: 7:15am	Inspection End Time: 2:30pm
Current Phase of Construction: Substation work, tree clearing and chipping, installation of E&S controls	Weather Conditions During Inspection: Sunny, 40s-50s
<p>Did you determine that any portion of your site was unsafe for inspection per CGP Part 4.5? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If "Yes," provide the following information:</p> <p>Location of unsafe conditions:</p> <p>The conditions that prevented you inspecting this location:</p>	
Indicate the required inspection frequency: (Check all that apply. You may be subject to different inspection frequencies in different areas of the site.)	
<p><b>Standard Frequency (CGP Part 4.2):</b></p> <p><input type="checkbox"/> At least once every 7 calendar days; <b>OR</b></p> <p><input type="checkbox"/> Once every 14 calendar days <i>and</i> within 24 hours of the occurrence of either:</p> <ul style="list-style-type: none"> <li>• A storm event that produces 0.25 inches or more of rain within a 24-hour period, or</li> <li>• A snowmelt discharge from a storm event that produces 3.25 inches or more of snow within a 24-hour period</li> </ul>	
<p><b>Increased Frequency (CGP Part 4.3.1)</b> (If site discharges to sediment or nutrient-impaired waters or to waters designated as Tier 2, Tier 2.5, or Tier 3):</p> <p><input checked="" type="checkbox"/> Once every 7 calendar days <i>and</i> within 24 hours of the occurrence of either:</p> <ul style="list-style-type: none"> <li>• A storm event that produces 0.25 inches or more of rain within a 24-hour period, or</li> <li>• A snowmelt discharge from a storm event that produces 3.25 inches or more of snow within a 24-hour period</li> </ul>	

**Reduced Frequency (CGP Part 4.4):**

- For stabilized areas: Twice during first month, no more than 14 calendar days apart; then once per month after first month until permit coverage is terminated
- For stabilized areas on "linear construction sites": Twice during first month, no more than 14 calendar days apart; then once more within 24 hours of the occurrence of either:
  - A storm event that produces 0.25 inches or more of rain within a 24-hour period, or
  - A snowmelt discharge from a storm event that produces 3.25 inches or more of snow within a 24-hour period
- For arid, semi-arid, or drought-stricken areas during seasonally dry periods or during drought: Once per month and within 24 hours of the occurrence of either:
  - A storm event that produces 0.25 inches or more of rain within a 24-hour period, or
  - A snowmelt discharge from a storm event that produces 3.25 inches or more of snow within a 24-hour period
- For frozen conditions where construction activities are being conducted: Once per month

**Was this inspection triggered by a storm event producing 0.25 inches or more of rain within a 24-hour period?**  Yes  No

**If "Yes," how did you determine whether the storm produced 0.25 inches or more of rain?**

- On-site rain gauge
- Weather station representative of site.  
Weather station location:

**Total rainfall amount that triggered the inspection (inches):** 0.45" for 11/27/2022-11/28/2022

**Was this inspection triggered by a snowmelt discharge from a storm event producing 3.25 inches or more of snow within a 24-hour period?**  Yes  No

**If "Yes," how did you determine whether the storm produced 3.25 inches or more of snow?**

- On-site rain gauge
- Weather station representative of site.  
Weather station location:

**Total snowfall amount that triggered the inspection (inches):**

**Section B – Condition and Effectiveness of Erosion and Sediment (E&S) Controls (CGP Part 2.2)**

(Insert additional rows if needed)

Type and Location of E&S Control	Conditions Requiring Routine Maintenance? <sup>1</sup>	If “Yes,” How Many Times (Including This Occurrence) Has This Condition Been Identified?	Conditions Requiring Corrective Action? <sup>2, 3</sup>	Date on Which Condition First Observed (If Applicable)?	Description of Conditions Observed
1. Silt Fencing at Entrance pads (Dutton Rd., Peakham Rd., Union Ave, Boston Post Rd. & Sudbury Substation)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	Silt fence is installed per the plan and operating properly.
2. Filter tubes at Sudbury Substation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	Filter tubes are installed per the plan and operating properly.
3. Stockpile at Sudbury Substation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	Stockpile is present at substation. Filter tubes at former stockpile are operating properly.
4. Silt Fence (laydown yard @ 25 Stowe Ct)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	Silt fence is in good condition and operating properly.
5. Straw wattles (MH#1 and Main St laydown yard)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	Straw wattles are operating properly. It is recommended that straw wattles with plastic netting be replaced with biodegradable compost filter tubes (per Eversource requirement).
6. Filter tubes at Union Ave	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	Straw wattles at Union Ave have been replaced with filter tubes. Filter tubes are operating properly.
7. Silt Fencing in Segment 6 (off White Pond Rd)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	11/28/2022	-Syncopated silt fence is in the process of being installed in Segment 6 off White Pond Rd. -Conduct maintenance to silt fence as requested by Hudson agent (routine maintenance).
8. Silt Fencing and filter tubes in Stow (Segment 1 off Chesnut Dr)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	11/28/2022	-Repair silt fence where damaged/torn in Stow portion of project (between Stations 125 and 126 left in segment 1) (routine maintenance). -Filter tubes are installed per the plan and operating properly.

If the same routine maintenance was found to be necessary three or more times for the same control at the same location (including this occurrence), follow the corrective action requirements and record the required information in your corrective action log, or describe here why you believe the specific condition should still be addressed as routine maintenance:



<sup>1</sup> Routine maintenance includes minor repairs or other upkeep performed to ensure that the site's stormwater controls remain in effective operating condition, not including significant repairs or the need to install a new or replacement control. Routine maintenance is also required for specific conditions: (1) for perimeter controls, whenever sediment has accumulated to half or more the above-ground height of the control (CGP Part 2.2.3.c.i); (2) where sediment has been tracked-out from the site onto paved roads, sidewalks, or other paved areas (CGP Part 2.2.4.d); (3) for inlet protection measures, when sediment accumulates, the filter becomes clogged, and/or performance is compromised (CGP Part 2.2.10.b); and (4) for sediment basins, as necessary to maintain at least half of the design capacity of the basin (CGP Part 2.2.12.f)

<sup>2</sup> Corrective actions are triggered only for specific conditions (CGP Part 5.1):

1. A stormwater control needs a significant repair or a new or replacement control is needed, or, in accordance with Part 2.1.4.c, you find it necessary to repeatedly (i.e., three (3) or more times) conduct the same routine maintenance fix to the same control at the same location (unless you document in your inspection report under Part 4.7.1.c that the specific reoccurrence of this same problem should still be addressed as a routine maintenance fix under 2.1.4); or
2. A stormwater control necessary to comply with the requirements of this permit was never installed, or was installed incorrectly; or
3. Your discharges are not meeting applicable water quality standards; or
4. A prohibited discharge has occurred (see CGP Part 1.3); or
5. During the discharge from site dewatering activities:
  - a. The weekly average of your turbidity monitoring results exceeds the 50 NTU benchmark (or alternate benchmark if approved by EPA pursuant to Part 3.3.2.b); or
  - b. You observe or you are informed by EPA, State, or local authorities of the presence of the conditions specified in Part 4.6.3.e.

<sup>3</sup> If a condition on your site requires a corrective action, you must also fill out a corrective action log found at <https://www.epa.gov/npdcs/construction-general-permit-resources-tools-and-templates>. See CGP Part 5.4 for more information.

<b>Section C – Condition and Effectiveness of Pollution Prevention (P2) Practices and Controls (CGP Part 2.3)</b> (Insert additional rows if needed)					
Type and Location of P2 Practices and Controls	Conditions Requiring Routine Maintenance? <sup>1</sup>	If “Yes,” How Many Times (Including This Occurrence) Has This Condition Been Identified?	Conditions Requiring Corrective Action? <sup>2, 3</sup>	Date on Which Condition First Observed (If Applicable)?	Description of Conditions Observed
<b>1. Sanitary Waste Facilities, project wide</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	No issues observed.
<b>2. Storage handling of materials at laydown yards</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	No issues observed.
<b>3. Sediment tracking/street sweeping</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	No sediment observed on roadway.
<b>4.</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No		
<b>5.</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No		
<p><b>If the same routine maintenance was found to be necessary three or more times for the same control at the same location (including this occurrence), follow the corrective action requirements and record the required information in your corrective action log, or describe here why you believe the specific condition should still be addressed as routine maintenance:</b></p>					

**Section D – Stabilization of Exposed Soil (CGP Part 2.2.14)**

*(Insert additional rows if needed)*

Specific Location That Has Been or Will Be Stabilized	Stabilization Method and Applicable Deadline	Stabilization Initiated?	Final Stabilization Criteria Met?	Final Stabilization Photos Taken?	Notes
1. N/A, stabilization not needed at this time.		<input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes," date initiated:	<input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes," date criteria met:	<input type="checkbox"/> Yes <input type="checkbox"/> No	
2.		<input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes," date initiated:	<input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes," date criteria met:	<input type="checkbox"/> Yes <input type="checkbox"/> No	
3.		<input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes," date initiated:	<input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes," date criteria met:	<input type="checkbox"/> Yes <input type="checkbox"/> No	
4.		<input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes," date initiated:	<input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes," date criteria met:	<input type="checkbox"/> Yes <input type="checkbox"/> No	
5.		<input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes," date initiated:	<input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes," date criteria met:	<input type="checkbox"/> Yes <input type="checkbox"/> No	

**Section E – Description of Discharges (CGP Part 4.6.2)**

(Insert additional rows if needed)

**Was a discharge (not including dewatering) occurring from any part of your site at the time of the inspection?**<sup>4</sup>    Yes    No

**If “Yes,” for each point of discharge, document the following:**

- The visual quality of the discharge.
- The characteristics of the discharge, including color; odor; floating, settled, or suspended solids; foam; oil sheen; and other indicators of stormwater pollutants.
- Signs of the above pollutant characteristics that are visible from your site and attributable to your discharge in receiving waters or in other constructed or natural site drainage features.

Discharge Location	Observations
1.	
2.	
3.	
4.	
5.	

<sup>4</sup> If a dewatering discharge was occurring, you must conduct a dewatering inspection pursuant to CGP Part 4.3.2 and complete a separate dewatering inspection report.

**Section F – Signature and Certification (CGP Part 4.7.2)**

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and complete. I have no personal knowledge that the information submitted is other than true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."


**MANDATORY: Signature of Operator or "Duly Authorized Representative:"**



<b>Signature:</b> 	<b>Date:</b> 11-28-2022
<b>Printed Name:</b> Ariel Leclerc, CESSWI, QCIS, QPSWPPP	<b>Affiliation:</b> Compliance Monitor



**OPTIONAL: Signature of Contractor or Subcontractor**



<b>Signature:</b>	<b>Date:</b>
<b>Printed Name:</b>	<b>Affiliation:</b>



# Environmental Monitoring Photographs



		<b>PHOTOGRAPHIC LOG</b>	
<b>Client Name:</b> Eversource		<b>Site Location:</b> Sudbury to Hudson Transmission Reliability Project	
<b>Town:</b> Sudbury			
<b>Photo No.:</b> 1	<b>Date:</b> 11-28-2022		
<b>Description:</b> View of rain gauge at Sudbury substation. Rainfall amount was 0.45" at 10:30am on 11-28-2022. Facing north.			


		<b>PHOTOGRAPHIC LOG</b>	
<b>Client Name:</b> Eversource		<b>Site Location:</b> Sudbury to Hudson Transmission Reliability Project	
<b>Town:</b> Sudbury			
<b>Photo No.:</b> 2	<b>Date:</b> 11-28-2022		
<b>Description:</b> View of E&S controls at Sudbury Substation. Controls are in good condition and operating properly. Facing northwest.			


		<b>PHOTOGRAPHIC LOG</b>	
<b>Client Name:</b> Eversource		<b>Site Location:</b> Sudbury to Hudson Transmission Reliability Project	<b>Town:</b> Sudbury
<b>Photo No.:</b> 3	<b>Date:</b> 11-28-2022		
<b>Description:</b> View of construction entrance pad and silt fence at Boston Post Rd. Silt fence is in good condition and operating properly. Facing southeast.			

		<b>PHOTOGRAPHIC LOG</b>	
<b>Client Name:</b> Eversource		<b>Site Location:</b> Sudbury to Hudson Transmission Reliability Project	<b>Town:</b> Hudson
<b>Photo No.:</b> 4	<b>Date:</b> 11-28-2022		
<b>Description:</b> Installation of syncopated silt fence is in progress in Segment 6 off White Pond Rd. Conduct maintenance to silt fence as requested by Hudson agent (routine maintenance). Facing north.			

		<b>PHOTOGRAPHIC LOG</b>	
<b>Client Name:</b> Eversource		<b>Site Location:</b> Sudbury to Hudson Transmission Reliability Project	<b>Town:</b> Hudson
<b>Photo No.:</b> 5	<b>Date:</b> 11-28-2022		
<b>Description:</b> View of clearing activities in Segment 2, off Chesnut St, facing east.			

		<b>PHOTOGRAPHIC LOG</b>	
<b>Client Name:</b> Eversource		<b>Site Location:</b> Sudbury to Hudson Transmission Reliability Project	<b>Town:</b> Hudson
<b>Photo No.:</b> 6	<b>Date:</b> 11-28-2022		
<b>Description:</b> View of active work at MH#1. No issues observed. Facing south.			

<b>Epsilon</b> ASSOCIATES INC.		<b>PHOTOGRAPHIC LOG</b>	
Client Name: Eversource		Site Location: Sudbury to Hudson Transmission Reliability Project	Town: Hudson
Photo No.: 7	Date: 11-28-2022		
<b>Description:</b> View of laydown yard at Stowe Ct. Silt fence is operating properly. Inactive pile is covered. Additional cement barriers are scheduled to be delivered this week. Facing northeast.			

<b>Epsilon</b> ASSOCIATES INC.		<b>PHOTOGRAPHIC LOG</b>	
Client Name: Eversource		Site Location: Sudbury to Hudson Transmission Reliability Project	Town: Stow
Photo No.: 8	Date: 11-28-2022		
<b>Description:</b> View of E&S controls in Stow portion of project (Segment 1). Repair silt fence where damaged/torn between Stations 125 and 126 left (routine maintenance). Facing north.			



# CONSTRUCTION MONITORING REPORT

## Sudbury to Hudson Transmission Project



Weekly     Storm Event     Other                      Date: **12-01-22**    Time: **7AM-3PM**

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Inspector name(s), title(s) and qualifications: **Terry Ramborger (AECOM), Senior Environmental Scientist, CPSS, CPESC & SPWS**

Others present/affiliation(s): **Bond, Moosehead & ETL personnel**

Precipitation/Weather (since last inspection): **Sunny, 30-40s**

Weather conditions (time of inspection & future outlook): **Overcast, 30-40s**

Inspection Location Description (include segment # and stationing): **Project wide Hudson-Sudbury**

\*Storm event info (approx): Start date/time: **11-30/3PM** Duration: **6** Amount of rainfall (inches): **0.60**

Project Name:  
**Sudbury to Hudson  
Transmission Reliability  
Project**

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Project Location:  
**Sudbury, Hudson, Stow, and  
Marlborough, MA**

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USEPA #:  
**MAR1003UW**

**Summary of Activities/Locations Inspected (include segment # and stationing):**  
**Active construction at the Sudbury Substation; site development at MH#1 off Forest Road; work in Bond laydown yards: (25 Stowe Court & 17 Bonazzoli Avenue); silt fencing in segments 5 & 6; rail removal segment 6 & clearing/chipping Main Street to Wilkins.**

**Inspection Notes:**

Any Significant Discharges of Sediment (or other) or Non-Compliance Actions?     Yes     No

Identify presence of stockpiles and document when placed and when removed (week maximum for stockpiles)     Yes     No

Compliance with Previous Observations?     Yes     No

New Corrective Action Recommendations     Yes     No

New Routine Maintenance Recommendations?     Yes     No

**ENVIRONMENTAL COMPLIANCE**


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Compliant with applicable permits and applicable environmental requirements?    YES     NO     If not, explain: \_\_\_\_\_

**Other Comments & Observations**

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Conducted inspection of recently placed silt fencing in Segments 5 & 6 with Mark Richardson (ETL) and Hudson Conservation Commission Agent (Pam Helinek).

  
\_\_\_\_\_  
**Authorized Signature**

**Date 12-01-22**

# CONSTRUCTION MONITORING REPORT

## Sudbury to Hudson Transmission Project



### EVERSOURCE PROJECT MANAGER

Name: Mike Hager  
Phone: 508-341-5815 (mobile)  
Email: [Michael.hager@eversource.com](mailto:Michael.hager@eversource.com)

### EVERSOURCE ENVIRONMENTAL CONTACT

Name: Matt Devlin  
Phone: 508-596-0147  
Email: [matthew.devlin@eversource.com](mailto:matthew.devlin@eversource.com)

### EVERSOURCE CONSTRUCTION SUPERVISOR

Name: Matt Lagoy  
Phone: 413-320-8752  
Email: [matthew.Lagoy@eversource.com](mailto:matthew.Lagoy@eversource.com)

### ENVIRONMENTAL CONSULTANT

Primary Contact (Epsilon Associates)  
Name: Marc Bergeron (Epsilon Associates)  
Phone: 508-212-0420 (mobile)  
Email: [mbergeron@epsilonassociates.com](mailto:mbergeron@epsilonassociates.com)

Secondary Contact (SWCA)  
Name: Rebecca Weissman (SWCA)  
Phone: 339-203-7045  
Email: [Rebecca.weissman@swca.com](mailto:Rebecca.weissman@swca.com)

### PRIME CONTRACTOR (BOND)

Name: Matt Stock  
Phone: 617-512-6766  
Email: [mstock@bond-civilutility.com](mailto:mstock@bond-civilutility.com)

### SUB CONTRACTOR (ET & L Corp.)

Name: Mark Richardson  
Phone: 508-864-8070  
Email: [mrichardson@etlcorp.com](mailto:mrichardson@etlcorp.com)

### Section A – General Information

(If necessary, complete additional inspection reports for each separate inspection location.)

#### Inspector Information

Inspector Name: Terry Ramborger, CPSS, CPESC & SPWS

Title: Senior Environmental Scientist

Company Name: AECOM

Email: terry.ramborger@aecom.com

Address: 82 Grove Street Peterborough, NH 03458

Phone Number: 603-557-0034

#### Inspection Details

Inspection Date: 12/01/22

Inspection Location: Project wide

Inspection Start Time: 7AM

Inspection End Time: 3PM

Current Phase of Construction: Substation work; ROW work & laydown yard work

Weather Conditions During Inspection: Overcast, 30-40s

Did you determine that any portion of your site was unsafe for inspection per CGP Part 4.5?  Yes  No

If "Yes," provide the following information:

Location of unsafe conditions:

The conditions that prevented you inspecting this location:

Indicate the required inspection frequency: (Check all that apply. You may be subject to different inspection frequencies in different areas of the site.)

**Standard Frequency (CGP Part 4.2):**

- At least once every 7 calendar days; **OR**
- Once every 14 calendar days *and* within 24 hours of the occurrence of either:
  - A storm event that produces 0.25 inches or more of rain within a 24-hour period, or
  - A snowmelt discharge from a storm event that produces 3.25 inches or more of snow within a 24-hour period

**Increased Frequency (CGP Part 4.3.1)** (If site discharges to sediment or nutrient-impaired waters or to waters designated as Tier 2, Tier 2.5, or Tier 3):

- Once every 7 calendar days *and* within 24 hours of the occurrence of either:
  - A storm event that produces 0.25 inches or more of rain within a 24-hour period, or
  - A snowmelt discharge from a storm event that produces 3.25 inches or more of snow within a 24-hour period

**Reduced Frequency (CGP Part 4.4):**

- For stabilized areas: Twice during first month, no more than 14 calendar days apart; then once per month after first month until permit coverage is terminated
- For stabilized areas on "linear construction sites": Twice during first month, no more than 14 calendar days apart; then once more within 24 hours of the occurrence of either:
  - A storm event that produces 0.25 inches or more of rain within a 24-hour period, or
  - A snowmelt discharge from a storm event that produces 3.25 inches or more of snow within a 24-hour period
- For arid, semi-arid, or drought-stricken areas during seasonally dry periods or during drought: Once per month and within 24 hours of the occurrence of either:
  - A storm event that produces 0.25 inches or more of rain within a 24-hour period, or
  - A snowmelt discharge from a storm event that produces 3.25 inches or more of snow within a 24-hour period
- For frozen conditions where construction activities are being conducted: Once per month

**Was this inspection triggered by a storm event producing 0.25 inches or more of rain within a 24-hour period?**  Yes  No

**If "Yes," how did you determine whether the storm produced 0.25 inches or more of rain?**

- On-site rain gauge
- Weather station representative of site.  
Weather station location:

**Total rainfall amount that triggered the inspection (inches): 0.60**

**Was this inspection triggered by a snowmelt discharge from a storm event producing 3.25 inches or more of snow within a 24-hour period?**  Yes  No

**If "Yes," how did you determine whether the storm produced 3.25 inches or more of snow?**

- On-site rain gauge
- Weather station representative of site.  
Weather station location:

**Total snowfall amount that triggered the inspection (inches):**

**Section B – Condition and Effectiveness of Erosion and Sediment (E&S) Controls (CGP Part 2.2)**

(Insert additional rows if needed)

Type and Location of E&S Control	Conditions Requiring Routine Maintenance? <sup>1</sup>	If “Yes,” How Many Times (Including This Occurrence) Has This Condition Been Identified?	Conditions Requiring Corrective Action? <sup>2, 3</sup>	Date on Which Condition First Observed (If Applicable)?	Description of Conditions Observed
1. Silt fencing (White pond Rd., Dutton Rd., Peakham Rd., Union Ave, Boston Post Rd. & Sudbury Substation)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	Silt fencing installed per the plan & operating properly
2. Filter tubes at Sudbury Substation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	Filter tubes installed per the plan & operating properly
3. Stockpile at Sudbury Substation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	Filter tubes around stockpile installed per the plan & operating properly
4. Silt fencing (laydown yard @ 25 Stowe Court)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	Silt fencing installed per the plan & operating properly
5. Straw Wattles (MH#1 and Main St. laydown yard)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	Straw wattles are operating properly. It is recommended that straw wattles with plastic netting be replaced with biodegradable compost filter tubes (per Eversource Requirement).
6. Filter tubes at Union Avenue	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	Straw wattles at Union Avenue have been replaced with filter tubes. Filter tubes are operating properly.
7. Silt Fencing in Segment 6 (off White Pond Rd)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	Syncopated silt fencing installed & approved by Hudson Conservation Agent 12/1/22
8. Silt fencing and filter tubes in Stow (Segment 1 off Chestnut Dr)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	Portion of silt fence is damaged in Stow (segment 1) due to tree piles. Silt fence will be repaired once tree piles have been removed.
<p><b>If the same routine maintenance was found to be necessary three or more times for the same control at the same location (including this occurrence), follow the corrective action requirements and record the required information in your corrective action log, or describe here why you believe the specific condition should still be addressed as routine maintenance:</b></p>					

<sup>1</sup> Routine maintenance includes minor repairs or other upkeep performed to ensure that the site's stormwater controls remain in effective operating condition, not including significant repairs or the need to install a new or replacement control. Routine maintenance is also required for specific conditions: (1) for perimeter controls, whenever sediment has accumulated to half or more the above-ground height of the control (CGP Part 2.2.3.c.i); (2) where sediment has been tracked-out from the site onto paved roads, sidewalks, or other paved areas

(CGP Part 2.2.4.d); (3) for inlet protection measures, when sediment accumulates, the filter becomes clogged, and/or performance is compromised (CGP Part 2.2.10.b); and (4) for sediment basins, as necessary to maintain at least half of the design capacity of the basin (CGP Part 2.2.12.f)

<sup>2</sup> Corrective actions are triggered only for specific conditions (CGP Part 5.1):

1. A stormwater control needs a significant repair or a new or replacement control is needed, or, in accordance with Part 2.1.4.c, you find it necessary to repeatedly (i.e., three (3) or more times) conduct the same routine maintenance fix to the same control at the same location (unless you document in your inspection report under Part 4.7.1.c that the specific reoccurrence of this same problem should still be addressed as a routine maintenance fix under 2.1.4); or
2. A stormwater control necessary to comply with the requirements of this permit was never installed, or was installed incorrectly; or
3. Your discharges are not meeting applicable water quality standards; or
4. A prohibited discharge has occurred (see CGP Part 1.3); or
5. During the discharge from site dewatering activities:
  - a. The weekly average of your turbidity monitoring results exceeds the 50 NTU benchmark (or alternate benchmark if approved by EPA pursuant to Part 3.3.2.b); or
  - b. You observe or you are informed by EPA, State, or local authorities of the presence of the conditions specified in Part 4.6.3.e.

<sup>3</sup> If a condition on your site requires a corrective action, you must also fill out a corrective action log found at <https://www.epa.gov/npdcs/construction-general-permit-resources-tools-and-templates>. See CGP Part 5.4 for more information.

<b>Section C – Condition and Effectiveness of Pollution Prevention (P2) Practices and Controls (CGP Part 2.3)</b> (Insert additional rows if needed)					
Type and Location of P2 Practices and Controls	Conditions Requiring Routine Maintenance? <sup>1</sup>	If “Yes,” How Many Times (Including This Occurrence) Has This Condition Been Identified?	Conditions Requiring Corrective Action? <sup>2, 3</sup>	Date on Which Condition First Observed (If Applicable)?	Description of Conditions Observed
<b>1. Sanitary waste facilities, project wide</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	No issues noted. Located at Sudbury substation; two laydown yards (noted as 1 & 2 below) & Boston Post Road crossing.
<b>2. Storage handling of materials at laydown yards</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	No issues noted. Located at Bond laydown yards 1-(555 Main); 2-(17 Robert Bonazzoli Ave) & 3-(25 Stowe Court), all in Hudson.
<b>3.</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No		
<b>4.</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No		
<b>5.</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No		
<p><b>If the same routine maintenance was found to be necessary three or more times for the same control at the same location (including this occurrence), follow the corrective action requirements and record the required information in your corrective action log, or describe here why you believe the specific condition should still be addressed as routine maintenance:</b></p>					

**Section D – Stabilization of Exposed Soil (CGP Part 2.2.14)**

*(Insert additional rows if needed)*

Specific Location That Has Been or Will Be Stabilized	Stabilization Method and Applicable Deadline	Stabilization Initiated?	Final Stabilization Criteria Met?	Final Stabilization Photos Taken?	Notes
1.		<input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes," date initiated:	<input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes," date criteria met:	<input type="checkbox"/> Yes <input type="checkbox"/> No	
2.		<input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes," date initiated:	<input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes," date criteria met:	<input type="checkbox"/> Yes <input type="checkbox"/> No	
3.		<input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes," date initiated:	<input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes," date criteria met:	<input type="checkbox"/> Yes <input type="checkbox"/> No	
4.		<input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes," date initiated:	<input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes," date criteria met:	<input type="checkbox"/> Yes <input type="checkbox"/> No	
5.		<input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes," date initiated:	<input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes," date criteria met:	<input type="checkbox"/> Yes <input type="checkbox"/> No	

**Section E – Description of Discharges (CGP Part 4.6.2)**

(Insert additional rows if needed)

**Was a discharge (not including dewatering) occurring from any part of your site at the time of the inspection?**<sup>4</sup>  Yes  No

**If “Yes,” for each point of discharge, document the following:**

- The visual quality of the discharge.
- The characteristics of the discharge, including color; odor; floating, settled, or suspended solids; foam; oil sheen; and other indicators of stormwater pollutants.
- Signs of the above pollutant characteristics that are visible from your site and attributable to your discharge in receiving waters or in other constructed or natural site drainage features.

Discharge Location	Observations
1.	
2.	
3.	
4.	
5.	


<sup>4</sup> If a dewatering discharge was occurring, you must conduct a dewatering inspection pursuant to CGP Part 4.3.2 and complete a separate dewatering inspection report.





**Section F – Signature and Certification (CGP Part 4.7.2)**



"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and complete. I have no personal knowledge that the information submitted is other than true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

**MANDATORY: Signature of Operator or "Duly Authorized Representative:"**


<b>Signature:</b> 	<b>Date:</b> 12-01-22
<b>Printed Name:</b> Terry Ramborger, CPSS, CPESC & SPWS	<b>Affiliation:</b> Senior Environmental Scientist/Compliance Monitor
<b>OPTIONAL: Signature of Contractor or Subcontractor</b>	
<b>Signature:</b>	<b>Date:</b>
<b>Printed Name:</b>	<b>Affiliation:</b>

# Environmental Monitoring Photographs



		<b>PHOTOGRAPHIC LOG</b>	
<b>Client Name:</b> Eversource		<b>Site Location:</b> Sudbury to Hudson Transmission Reliability Project	<b>Town:</b> Sudbury
<b>Photo No.:</b> 1	<b>Date:</b> 12-01-22		
<b>Description:</b>  Rain gauge at Sudbury Substation showing approximately 0.60", looking northward. Rain from event on 11-30-22.			



		<b>PHOTOGRAPHIC LOG</b>	
<b>Client Name:</b> Eversource		<b>Site Location:</b> Sudbury to Hudson Transmission Reliability Project	<b>Town:</b> Hudson
<b>Photo No.:</b> 2	<b>Date:</b> 12-01-22		
<b>Description:</b>  Bond laydown yard at 555 Main Street showing storage areas, looking southward, storage bins in good condition and operating properly.			


<b>Epsilon</b> ASSOCIATES INC.		<b>PHOTOGRAPHIC LOG</b>	
Client Name: Eversource		Site Location: Sudbury to Hudson Transmission Reliability Project	Town: Hudson
Photo No.: 3	Date: 12-01-22		
<b>Description:</b>  Bond laydown yard at 25 Stowe Court showing storage areas, looking northward, storage bins in good condition and operating properly.			


<b>Epsilon</b> ASSOCIATES INC.		<b>PHOTOGRAPHIC LOG</b>	
Client Name: Eversource		Site Location: Sudbury to Hudson Transmission Reliability Project	Town: Hudson
Photo No.: 4	Date: 12-01-22		
<b>Description:</b>  Bond laydown yard at 17 Bonazzoli Avenue showing storage areas, looking southward, storage bins in good condition and operating properly.			

# Environmental Monitoring Photographs

		<b>PHOTOGRAPHIC LOG</b>	
<b>Client Name:</b> Eversource		<b>Site Location:</b> Sudbury to Hudson Transmission Reliability Project	<b>Town:</b> Sudbury
<b>Photo No.:</b> 5	<b>Date:</b> 12-01-22		
<b>Description:</b>  Sudbury Substation, stockpile with filter tubes surrounding stockpile, looking southward. Filter tubes are in good condition and operating properly. Stockpile in compliance.			

		<b>PHOTOGRAPHIC LOG</b>	
<b>Client Name:</b> Eversource		<b>Site Location:</b> Sudbury to Hudson Transmission Reliability Project	<b>Town:</b> Hudson
<b>Photo No.:</b> 6	<b>Date:</b> 12-01-22		
<b>Description:</b>  Site work at MH#1 area off Forest Avenue, looking westward.			

<b>Epsilon</b> ASSOCIATES INC.		<b>PHOTOGRAPHIC LOG</b>	
Client Name: Eversource		Site Location: Sudbury to Hudson Transmission Reliability Project	Town: Hudson
Photo No.: 7	Date: 12-01-22		
<b>Description:</b>  Recently clearing along right-of-way off Chestnut Street, looking eastward.			

<b>Epsilon</b> ASSOCIATES INC.		<b>PHOTOGRAPHIC LOG</b>	
Client Name: Eversource		Site Location: Sudbury to Hudson Transmission Reliability Project	Town: Hudson
Photo No.: 8	Date: 12-01-22		
<b>Description:</b>  Clearing operations using feller buncher off Wilkins Avenue, looking northward.			