# **EVERS=URCE**

# **Weekly Environmental Compliance Summary**

Project Name:

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

**Project Location:** 

Sudbury, Hudson, and Stow, MA

Week of: December 26 to December 30, 2022

## **Summary of Activities Completed:**

- On-going Substation Work
- Installation of MH#1 and Ductbank on HMLD property
- Vegetation Removal
  - Sudbury Substation to Bridge 127 (Sudbury)
- Installation of erosion controls
  - White Pond to Parmenter (Hudson)- filter tubes
  - o Parmenter to Main (Hudson)- filter tubes
  - Main to Bridge 130 (Hudson)- filter tubes
  - Sudbury Substation to Bridge 127 (Sudbury)- silt fence installation began
- Rail and tie removal
  - Parmenter to Main (Hudson)
  - Main to Bridge 130 (Hudson)
  - Stump removal in Segments 1-3 in Hudson (Main to Wilkins)
- Cut & fill
  - Grading completed White Pond Rd to Sudbury Town Line (Hudson)
  - White Pond Rd to Parmenter (Hudson)

## **Active Work Areas Being Inspected:**

- Sudbury Substation (Boston Post Road)
- Hudson Laydown Yards (555 Main Street and 17 Bonnazzoli Avenue and Stowe Court)
- All Construction Entrances (all along MBTA ROW now installed)
- Segments with active vegetation removal (see above)
- Segments with erosion controls (see above)
- MH#1 and duct bank on HMLD property

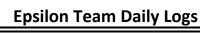
# Upcoming Work Activities for Next Three Weeks (12/26/2022 through 1/13/2023)

- Substation Construction (G. Greene)
- Ongoing work at Hudson Substation to MH#1 and MH#1 to MH#2
- Installation of erosion controls in Hudson and coordinate inspections with Conservation Agent
- Rail & tie removal in Hudson (Parmenter to Main, Main to Bridge 130, Bridge 130 to Chestnut, and Chestnut to Wilkins)
- Cut & fill in Hudson (White Pond Rd to Parmenter, Parmenter to Main, Main to Bridge 130, and ROW entrance at Wilkins)
- Vegetation removal in Subury
  - In progress in Segment 14 (Sudbury Substation to Bridge 127) and then will move to Segment 7 (Hudson Town Line to Bridge 128)
- Installation of erosion controls in Sudbury and coordinate inspections with Conservation Agent

## **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 Dembkoski, Stow Town Adminstrator

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 Paul Orr, PARE Corp. David Klinch, Epsilon
Marty Dudek, CHG
Polina Safran, SWCA
Terry Ramborger, AECOM
Scott Egan, AECOM
Josh Surrette, Epsilon
Brianna Germain, Eversource
Miles Lang-Kennedy, Eversource
Mark Richardson, ET&L
Janet Carter Bernardi, HWG
Jake Matys, ET&L





☐ Weekly ☐ Storm Event ☐ Daily ☒ Date: 12/27/2022 Time: 7:00am-3:15pm	Project Name:			
Inspector name(s), title(s) and qualifications: Ariel Leclerc (SWCA), Compliance Monitor, CESSWI, QCIS, QPSWPPP	Sudbury to Hudson Transmission Reliability Project			
Others present/affiliation(s): Polina Safran (SWCA), Personnel from multiple companies also onsite	Project Location:			
Precipitation/Weather (since last inspection): Partly cloudy, 20s-40s	Sudbury, Hudson, Stow, and			
Weather conditions (time of inspection & future outlook): Partly cloudy, 20s-50s	Marlborough, MA			
Inspection Location Description (include segment # and stationing): Project Wide Sudbury to Hudson	USEPA #:			
+Storm event info (approx): N/A Start date/time: N/A Duration:Amount of rainfall (inches): N/A	MAR1003UW			
Summary of Activities/Locations Inspected (include segment # and stationing): Observed/inspected clearing activities within segment 14 in Sudbury; Observed/inspected compost 13; Observed/inspected rail & tie removal within segment 4 and rail cutting within segment 2; Observed/inspected work and dewatering at MH#1/ductbank; Inspected stockpile at Sudbury 8 yards; Inspected all entrance pads and E&S controls in Sudbury and Hudson; Inspected E&S controls	served/inspected grading within Substation; Inspected all laydown			
Inspection Notes:				
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				
Compliant with applicable permits and applicable environmental requirements? YES ⊠ NO □ If not, €	explain:			
Other Comments & Observations				
-Please ensure stockpiles are being covered at the end of each workday.	Avail C. Leaver			
	Authorized Signature 12/27/2022			
7	Date			





## **EVERSOURCE PROJECT MANAGER**

Name: Mike Hager

Phone: 508-341-5815 (mobile) Email: michael.hager@eversource.com

# EVERSOURCE ENVIRONMENTAL CONTACT

Name: Matt Devlin Phone: 508-596-0147

Email: matthew.devlin@eversource.com

# EVERSOURCE CONSTRUCTION SUPERVISOR

Name: Matt Lagoy Phone: 413-320-8752

Email Matthew.Lagoy@eversource.com

## ENVIRONMENTAL CONSULTANT

Primary Contact (Epsilon Associates)

Name: Marc Bergeron (Epsilon Associates)

Phone: 508-212-0420 (mobile)

Email: mbergeron@epsilonassociates.com

# Secondary Contact (SWCA)

Name: Rebecca Weissman (SWCA)

Phone: 339-203-7045

Email: rebecca.weissman@swca.com

## PRIME CONTRACTOR (BOND)

Primary Contact (BOND)
Name: Matt Stock

Phone: 617-512-6766

Email: mstock@bond-civilutility.com

## SUB CONTRACTOR (ET&L Corp.)

Name: Mark Richardson Phone: 508-864-8070

Email: mrichardson@etlcorp.com



# **Environmental Monitoring Photographs**

Epsil	on TES INC.		Р	PHOTOGRAPHIC LOG
Client Name:	Eversource	Site Location: Sudbury Reliability Project	ation: Sudbury to Hudson Transmission Town: Sudbury	
Photo No.: 1	Date: 12/27/2022			
Description:				
View of clearing Segment 14 fror Landham Rd, fa	n overpass at			

# Epsilon ASSOCIATES INC.

# PHOTOGRAPHIC LOG

е

Site Location: Sudbury to Hudson Transmission Reliability Project

Town: Hudson

Photo No.: 2

Date:

12/27/2022

Description:

View of Segment 5 off White Pond Rd. Grading is in progress. E&S controls are in good condition and operating properly. Facing west.





# **Environmental Monitoring Photographs**

# Client Name: Eversource Site Location: Sudbury to Hudson Transmission Reliability Project Photo No.: 3 Date: 12/27/2022 Description: View of rail and tie removal in Segment 4 off Parmenter, facing west.

# Client Name: Eversource Site Location: Sudbury to Hudson Transmission Reliability Project Photo No.: 4 Date: 12/27/2022 Description: View of newly installed compost filter tubes in Segment 3. Facing east.



# **Environmental Monitoring Photographs**

# PHOTOGRAPHIC LOG

Client Name: Eversource

Site Location: Sudbury to Hudson Transmission **Reliability Project** 

Town: Hudson

Photo No.: 5

Date: 12/27/2022

**Description:** 

View of E&S controls near Bridge 130 in Segment 2. Controls are in good condition and operating properly. Facing west.



# **PHOTOGRAPHIC LOG**

Client Name: Eversource

Site Location: Sudbury to Hudson Transmission **Reliability Project** 

Town: Hudson

Photo No.: 6

Date:

12/27/2022

# Description:

View of pumping/dewatering operation at MH#1. See additional dewatering inspection report. Facing southeast.





☐ Weekly	☐ Storm Event	Other	Date: 12-28-22	Time: <b>7AM – 3PM</b>	Project Name:
Inspector na	ame(s), title(s) and o	ualifications:	Terry Ramborger (AECOM), Se	enior Environmental	Sudbury to Hudson
Inspector name(s), title(s) and qualifications: Terry Ramborger (AECOM), Senior Environmental  Scientist, CPSS, CPESC & SPWS  Transmission Reliability  Project					
	Others present/affiliation(s): Bond, ETL, Moosehead, MON Landscaping, Pare, SWCA, Burns &				
McDonnell					Project Location: Sudbury, Hudson, Stow, and
	n/Weather (since las				Marlborough, MA
	` .	'	re outlook): Sunny, 30-40s		USEPA #:
·	•	,	nent # and stationing): Project wi	•	MAR1003UW
⁺Storm ever	it info (approx): Stai	rt date/time: N	/A Duration: N/A Amount of rain	ntall N/A (inches):	]
Summary of	of Activities/Locati	ons Inspecte	d (include segment # and station	ning):	
		-			Avenue (including dewatering); Rail/tie
					y noted within laydown yards located at
555 Main, 2	5 Stowe Court & 1	/ Bonazzoli A	venue (all in Hudson). Chipping	within Segment 14 (Sudb	oury). Dewatering inspection completed.
Inspection	Notes:				
		ediment (or of	ther) or Non-Compliance Actions?	□ Yes ⊠ No	_
, ,	ŭ	,	,		
Identify pres	sence of stockpiles	and document	when placed and when removed	(week maximum for stockp	iles) □ Yes 🗆 No
Stockpile p	resent at substation	on. Week ma	ximum requirement does not ap	oply to stockpiles outside	of ROW.
0	with Dravious Obser		Vac. □ Na		
Compliance	with Previous Obse	ervations?	Yes □ No		
New Correct	tive Action Recomn	nendations	] Yes ⊠ No		
New Routine Maintenance Recommendations? ☐ Yes   ☑ No					
ENVIRONM	ENTAL COMPLIAN	NCE			
Compliant w	rith applicable perm	its and applica	able environmental requirements?	YES ⊠ NO □ If not, e	explain:
Other Com	ments & Observati	ions			
					Tay Randorgen
					Authorized Signature
					Date 12-28-22
					Date 12-20-22
•					





## **EVERSOURCE PROJECT MANAGER**

Name: Mike Hager

Phone: 508-341-5815 (mobile)

Email: <u>Michael.hager@eversource.com</u>

## **EVERSOURCE ENVIRONMENTAL CONTACT**

Name: Matt Devlin Phone: 508-596-0147

Email: matthew.devlin@eversource.com

# EVERSOURCE CONSTRUCTION

**SUPERVISOR** 

Name: Matt Lagoy Phone: 413-320-8752

Email: <u>matthew.Lagoy@eversource.com</u>

### **ENVIRONMENTAL CONSULTANT**

Primary Contact (Epsilon Associates)

Name: Marc Bergeron (Epsilon

Associates)

Phone: 508-212-0420 (mobile)

Email: <u>mbergeron@epsilonassociates.com</u>

Secondary Contact (SWCA)

Name: Rebecca Weissman (SWCA)

Phone: 339-203-7045

Email: Rebecca.weissman@swca.com

## PRIME CONTRACTOR (BOND)

Name: Matt Stock Phone: 617-512-6766

Email: <u>mstock@bond-civilutility.com</u>

## SUB CONTRACTOR (ET & L Corp.)

Name: Mark Richardson Phone: 508-864-8070

Email: mrichardson@etlcorp.com



# Environmental Monitoring Photographs

**Epsilon** PHOTOGRAPHIC LOG Client Name: Eversource Site Location: Sudbury to Hudson Transmission Town: Hudson Reliability Project Photo No.: 1 Date: 12-28-22 Description: Rail cutting at approximate Sta.#121+00, Segment 1, looking westward.

# **Epsilon**

PHOTOGRAPHIC LOG

Client Name: Eversource

Date: 12-28-22

Site Location: Sudbury to Hudson Transmission Reliability Project

Town: Hudson

Description:

Photo No.: 2

Debris removal off Chestnut Street, Segment 2, looking eastward.







Client Name: Eversource Site Location: Sudbury to Hudson Transmission Reliability Project

Photo No.: 3 Date: 12-28-22

Description:

Sit fencing installation by MON at approximate Sta.#152+00, Segment 3, looking westward.

# Epsilon

# **PHOTOGRAPHIC LOG**

Site Location: Sudbury to Hudson Transmission Reliability Project

Town: Hudson

Photo No.: 4 Date: 12-28-22

# Description:

Cleanup of steel rail by Moosehead at approximate Sta# 176+00, Segment 3, looking westward.







**Epsilon** 

PHOTOGRAPHIC LOG

Client Name: Eversource

Site Location: Sudbury to Hudson Transmission Reliability Project

Town: Hudson

Photo No.: 5

Date: 12-28-22

Description:

Grading of ROW by ETL within Segment 5 off White Pond Road at approximate Sta.# 315+50, looking westward.



# **Epsilon**

PHOTOGRAPHIC LOG

Client Name: Eversource

Site Location: Sudbury to Hudson Transmission Reliability Project

Town: Hudson

Photo No.: 6

Date: 12-28-22

Description:

Cleanup of steel rail by Moosehead at approximate Sta# 180+00, Segment 3, looking eastward.





# Environmental Monitoring Photographs

**Epsilon** 

PHOTOGRAPHIC LOG

Client Name: Eversource

Site Location: Sudbury to Hudson Transmission Reliability Project

Town: Hudson

Photo No.: 7

Date: 12-28-22

Description:

Work at MH#1 by BOND, pouring concrete, looking westward.



# **Epsilon**

PHOTOGRAPHIC LOG

Client Name: Eversource

Site Location: Sudbury to Hudson Transmission Reliability Project

Town: Sudbury

Photo No.: 8

Date: 12-28-22

Description:

Moosehead chipping operation within Segment 14 at approximate Sta.# 756+00, looking westward.





Weekly	d within laydown yards located		
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  ENVIRONMENTAL COMPLIANCE  Compliant with applicable permits and applicable environmental requirements? YES ☑ NO □ If not, explain:			
Other Comments & Observations			
	thorized Signature te 12-29-22		





### **EVERSOURCE PROJECT MANAGER**

Name: Mike Hager

Phone: 508-341-5815 (mobile)

Michael.hager@eversource.com Email:

## **EVERSOURCE ENVIRONMENTAL CONTACT**

Matt Devlin Name: Phone: 508-596-0147

Email: matthew.devlin@eversource.com

## **EVERSOURCE CONSTRUCTION SUPERVISOR**

Matt Lagoy Name: Phone: 413-320-8752

matthew.Lagoy@eversource.com Email:

## **ENVIRONMENTAL CONSULTANT**

Primary Contact (Epsilon Associates)

Name: Marc Bergeron (Epsilon

Associates)

Phone: 508-212-0420 (mobile)

Email: mbergeron@epsilonassociates.com

Secondary Contact (SWCA)

Name: Rebecca Weissman (SWCA)

Phone: 339-203-7045

Email: Rebecca.weissman@swca.com

## PRIME CONTRACTOR (BOND)

Matt Stock Name: Phone: 617-512-6766

mstock@bond-civilutility.com Email:

## SUB CONTRACTOR (ET & L Corp.)

Mark Richardson Name: Phone: 508-864-8070

Email: mrichardson@etlcorp.com



# Environmental Monitoring Photographs

Client Name: Eversource Site Location: Sudbury to Hudson Transmission Reliability Project

Photo No.: 1 Date: 12-29-22

Description:
Rail cutting at approximate Sta.#102+50, Segment 1, looking eastward.

# Epsilon

**PHOTOGRAPHIC LOG** 

Site Location: Sudbury to Hudson Transmission Reliability Project

Town: Hudson

Photo No.: 2 Date: 12-29-22

Description:

Site work (grading) off Wilkins Avenue, Segment 1, looking eastward.







**Epsilon** 

PHOTOGRAPHIC LOG

Client Name: Eversource

Site Location: Sudbury to Hudson Transmission Reliability Project

Town: Hudson

Photo No.: 3

Date: 12-29-22

Description:

MH#1 site work off Forest Avenue, looking eastward.



**Epsilon** 

PHOTOGRAPHIC LOG

Client Name: Eversource

Photo No.: 4

Date: 12-29-22

Site Location: Sudbury to Hudson Transmission Reliability Project

Town: Hudson

Description:

Soil delivery to Segment 5, at Parmenter Road, looking eastward.





# Environmental Monitoring Photographs

**Epsilon** 

PHOTOGRAPHIC LOG

Client Name: Eversource

Site Location: Sudbury to Hudson Transmission Reliability Project

Town: Hudson

Photo No.: 5

Date: 12-29-22

Description:

Grading of ROW by ETL within Segment 5 off Parmenter Road at approximate Sta.# 320+00, looking westward.



# **Epsilon**

PHOTOGRAPHIC LOG

Client Name: Eversource

Site Location: Sudbury to Hudson Transmission Reliability Project

Town: Hudson

Photo No.: 6

Date: 12-29-22

Description:

Cleanup of rail/tie by Moosehead at approximate Sta# 210+00, Segment 4, looking westward.





# Environmental Monitoring Photographs

Client Name: Eversource Site Location: Sudbury to Hudson Transmission Reliability Project

Photo No.: 7 Date: 12-29-22

Description:

Bridge 127, Segments 14-13, looking westward.

# Epsilon

**PHOTOGRAPHIC LOG** 

Site Location: Sudbury to Hudson Transmission Reliability Project

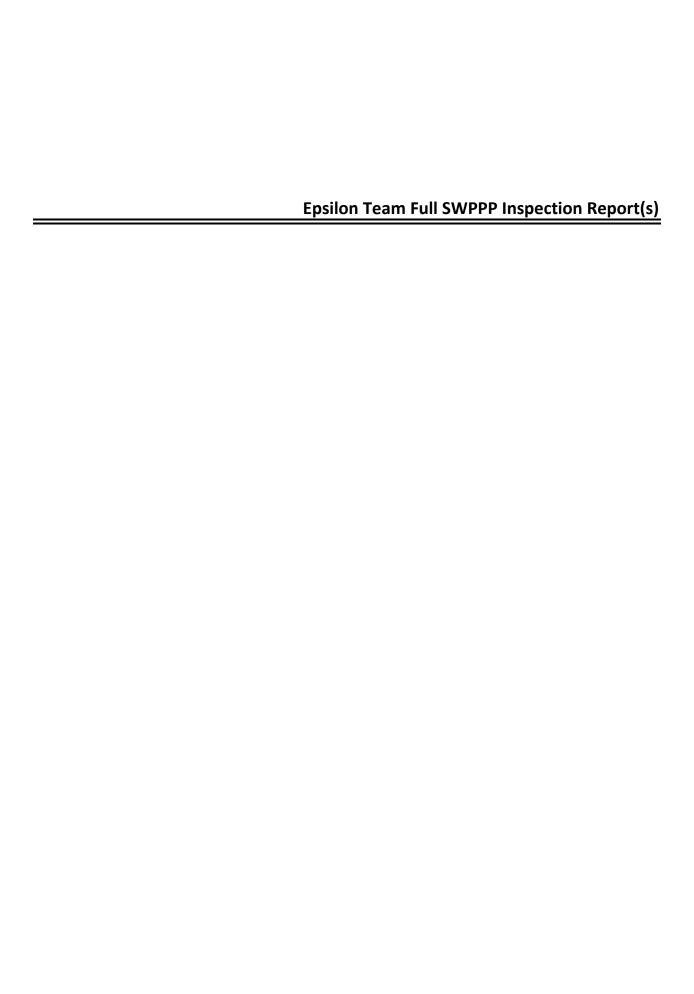
Town: Sudbury

Photo No.: 8 Date: 12-29-22

# Description:

Moosehead chipping operation within Segment 14 at approximate Sta.# 750+00, looking westward.





Project Name: Sudbury to Hudson Transmission Reliability Project
NPDES ID Number: MAR1003UW

Section A – Dewatering Discharges (CGP Part 4.6.3)  Complete this section <u>within 24 hours</u> of completing the inspection.  (If necessary, complete additional inspection reports for each separate inspection location.)			
Inspector Information			
Inspector Name: Ariel Leclerc	Title: Compliance Monitor, CESSWI, QCIS, QPSWPPP		
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: 12/27/2022	Inspection Location: MH#1		
Discharge Start Time: 7:00am	Discharge End Time: 2:30pm		
Rate of Discharge (gallons per day): 50,400 (35 gallons per minute)	Corrective Action Required?¹ ☐ Yes ⊠ No		
Describe Indicators of Pollutant Discharge at Point of Dewatering Discharge:1			
No pollutant discharge observed.			
Attach Photographs of:			

- 1. Dewatering water prior to treatment by a dewatering control(s) and the final discharge after treatment; and
- 2. Dewatering control(s); and
- 3. Point of discharge to any receiving waters flowing through or immediately adjacent to the site and/or to constructed or natural site drainage features, storm drain inlets, and other conveyances to receiving waters.

- a sediment plume, suspended solids, unusual color, presence of odor, decreased clarity, or presence of foam; or
- a visible sheen on the water surface or visible oily deposits on the bottom or shoreline of the receiving water.

<sup>&</sup>lt;sup>1</sup> If you observe any of the following indicators of pollutant discharge, you are required to take corrective action under Part 5.1.5.b:

Project Name: Sudbury to Hudson Transmission Reliability Project
NPDES ID Number: MAR1003UW

# Section B – 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:"		
Signature:	Date: 12/27/2022	
Avril C. Le Mer		
Printed Name: Ariel Leclerc, CESSWI, QCIS, QPSWPPP	Affiliation: SWCA Environmental Consultants- Compliance Monitor	
OPTIONAL: Signature of Contractor or Subcontractor		
Signature:	Date:	
Printed Name:	Affiliation:	

# Epsilon

# **PHOTOGRAPHIC LOG**

Client Name: Eversource

Site Location: Sudbury to Hudson Transmission Reliability Project

Town: Hudson

Photo No.: 1

Date: 12/27/2022

# Description:

View of pumping operation at MH#1. This is the location of dewatering water prior to treatment. Unable to safely collect turbidity samples at this location. Facing southeast.



# **Epsilon**

# **PHOTOGRAPHIC LOG**

**Client Name: Eversource** 

Site Location: Sudbury to Hudson Transmission Reliability Project

Town: Hudson

Photo No.: 2

**Date:** 12/27/2022

Description:

View of dewatering discharge controls. Facing east.



# **PHOTOGRAPHIC LOG**

**Client Name: Eversource** 

Site Location: Sudbury to Hudson Transmission **Reliability Project** 

Town: Hudson

Photo No.: 3

Date: 12/27/2022

# Description:

View of controls and discharge. Water appeared to be clear. Turbidity samples taken at this location. Facing southeast.



# **PHOTOGRAPHIC LOG**

Client Name: Eversource

Site Location: Sudbury to Hudson Transmission **Reliability Project** 

Town: Hudson

Photo No.: 4

Date:

12/27/2022

# Description:

View of storm drain inlet and culvert downstream of dewatering discharge. Turbidity samples taken at this location. Facing south.



Project Name: Sudbury to Hudson Transmission Reliability Project NPDES ID Number: MAR1003UW

Section A – Dewatering Discharges (CGP Part 4.6.3)  Complete this section <u>within 24 hours</u> of completing the inspection.  (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: 1155 Elm Street #401 Manchester, NH 03101	Phone Number: 603-557-0034		
Inspection Details			
Inspection Date: 12/28/2022	Inspection Location: MH#1		
Discharge Start Time: 7:00am	Discharge End Time: 2:15pm		
Rate of Discharge (gallons per day): 50,400 (35 gallons per minute)	Corrective Action Required?¹ ☐ Yes ⊠ No		
Describe Indicators of Pollutant Discharge at Point of Dewatering Discharge:1			
No pollutant discharge observed.			
Attach Photographs of			

- 1. Dewatering water prior to treatment by a dewatering control(s) and the final discharge after treatment; and
- 2. Dewatering control(s); and
- 3. Point of discharge to any receiving waters flowing through or immediately adjacent to the site and/or to constructed or natural site drainage features, storm drain inlets, and other conveyances to receiving waters.

- a sediment plume, suspended solids, unusual color, presence of odor, decreased clarity, or presence of foam; or
- a visible sheen on the water surface or visible oily deposits on the bottom or shoreline of the receiving water.

<sup>&</sup>lt;sup>1</sup> If you observe any of the following indicators of pollutant discharge, you are required to take corrective action under Part 5.1.5.b:

Project Name: Sudbury to Hudson Transmission Reliability Project NPDES ID Number: MAR1003UW

# Section B – 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:"		
Signature: To Rundonger	Date: 12-28-22	
Printed Name: Terry Ramborger	Affiliation: Compliance Monitor	
OPTIONAL: Signature of Contractor or Subcontractor		
Signature:	Date:	
Printed Name:	Affiliation:	

# **PHOTOGRAPHIC LOG**

Client Name: Eversource

Site Location: Sudbury to Hudson Transmission Reliability Project

Town: Hudson

Photo No.: 1

Date: 12/28/2022

Description:

View of area being pumped at work operation at MH#1.



# PHOTOGRAPHIC LOG

Client Name: Eversource

Site Location: Sudbury to Hudson Transmission Reliability Project

Town: Hudson

Photo No.: 2

Date:

12/28/2022

Description:

View of pumping operation at MH#1. This is the location of dewatering water prior to treatment, looking eastward.



# PHOTOGRAPHIC LOG

Client Name: Eversource

Site Location: Sudbury to Hudson Transmission Reliability Project

Town: Hudson

Photo No.: 3

Date: 12/28/2022

# Description:

View of dewatering discharge area and controls, looking westward. Water appeared to be clear. Turbidity samples taken at this location.



# PHOTOGRAPHIC LOG

Client Name: Eversource

Site Location: Sudbury to Hudson Transmission Reliability Project

Town: Hudson

Photo No.: 4

Date:

12/28/2022

# Description:

View of storm drain inlet and culvert downstream of dewatering discharge, looking westward. Water appeared to be clear. Turbidity samples taken at this location.



Project Name: Sudbury to Hudson Transmission Reliability Project NPDES ID Number: MAR1003UW

Section A – Dewatering Discharges (CGP Part 4.6.3)  Complete this section <u>within 24 hours</u> of completing the inspection.  (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: 1155 Elm Street #401 Manchester, NH 03101 Phone Number: 603-557-0034			
Inspection Details			
Inspection Date: 12/29/2022	Inspection Location: MH#1		
Discharge Start Time: 7:00am	Discharge End Time: 2:15pm		
Rate of Discharge (gallons per day): 50,400 (35 gallons per minute)  Corrective Action Required?¹ ☐ Yes ☑ No			
Describe Indicators of Pollutant Discharge at Point of Dewatering Discharge:1			
No pollutant discharge observed.			
Attach Photographs of			

- 1. Dewatering water prior to treatment by a dewatering control(s) and the final discharge after treatment; and
- 2. Dewatering control(s); and
- 3. Point of discharge to any receiving waters flowing through or immediately adjacent to the site and/or to constructed or natural site drainage features, storm drain inlets, and other conveyances to receiving waters.

- a sediment plume, suspended solids, unusual color, presence of odor, decreased clarity, or presence of foam; or
- a visible sheen on the water surface or visible oily deposits on the bottom or shoreline of the receiving water.

<sup>&</sup>lt;sup>1</sup> If you observe any of the following indicators of pollutant discharge, you are required to take corrective action under Part 5.1.5.b:

Project Name: Sudbury to Hudson Transmission Reliability Project NPDES ID Number: MAR1003UW

# Section B – 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:"			
Signature: Date: 12-29-22			
Printed Name: Terry Ramborger	Affiliation: Compliance Monitor		
OPTIONAL: Signature of Contractor or Subcontractor			
Signature:	Date:		
Printed Name:	Affiliation:		

# **PHOTOGRAPHIC LOG**

Client Name: Eversource

Site Location: Sudbury to Hudson Transmission Reliability Project

Town: Hudson

Photo No.: 1

Date: 12/29/2022

Description:

View of area being pumped at work operation at MH#1.



# PHOTOGRAPHIC LOG

Client Name: Eversource

Site Location: Sudbury to Hudson Transmission Reliability Project

Town: Hudson

Photo No.: 2

Date:

12/29/2022

Description:

View of pumping operation at MH#1. This is the location of dewatering water prior to treatment, looking eastward.



# PHOTOGRAPHIC LOG

Client Name: Eversource

Site Location: Sudbury to Hudson Transmission Reliability Project

Town: Hudson

Photo No.: 3

Date: 12/29/2022

# Description:

View of dewatering discharge area and controls, looking westward. Water appeared to be clear. Turbidity samples taken at this location.



# PHOTOGRAPHIC LOG

Client Name: Eversource

Site Location: Sudbury to Hudson Transmission Reliability Project

Town: Hudson

Photo No.: 4

Date:

12/29/2022

# Description:

View of storm drain inlet and culvert downstream of dewatering discharge, looking westward. Water appeared to be clear. Turbidity samples taken at this location.





☐ Weekly	☐ Storm Event	☑ Other	Date: <b>12-30-22</b>	Time: 7AM-3PM	Project Name:		
Inspector nar		ualifications: Terry Rambor	ger (AECOM), Senio	or Environmental	Sudbury to Hudson Transmission Reliability		
Scientist, CPSS, CPESC & SPWS Others present/affiliation(s): Bond, Moosehead, ET&L & MON personnel; Marc Bergeron (Epsilon)  Project							
	ne (Sudbury CC).	ma, moodonoaa, zraz a n	ron porocimion, mar	5 25.go. 6 (2po6)	Project Location:		
•	Precipitation/Weather (since last inspection): Mixed, 30-50s  Weather conditions (time of inspection & future outlook): Overcast, 40-50s  Marlborough, MA						
	` '	(include segment # and stat	•	Hudeon-Sudbury	USEPA #:		
		t date/time: <b>N/A</b> Duration: <b>N</b>			MAR1003UW		
Storin event	інію (арріох). Зіаг	t date/time. N/A Duration. N	A Amount of Familian	(Inches). N/A			
Continued of Stump remo	construction at the	nt 1. Grading of ROW in s	ct bank work at MH segment 5, activity r	#1 area off 49 Forest Avenu	e; Rail/tie removal Segments 3 & 4. located at 555 Main, 25 Stowe Court Segment 14 (Sudbury).		
Inspection N	lotes:						
Any Significa	nt Discharges of S	ediment (or other) or Non-Co	ompliance Actions?	□ Yes ⊠ No			
		•	•	veek maximum for stockpiles) Iy to stockpiles outside of R			
Compliance	with Previous Obse	ervations? ⊠ Yes □ No					
New Correcti	ive Action Recomm	nendations □ Yes □ No	)				
New Routine Maintenance Recommendations? ⊠ Yes □ No Silt fencing repairs within Segments 4-6.							
ENVIRONME	NTAL COMPLIAN	ICE					
Compliant wit	th applicable permi	ts and applicable environme	ntal requirements?	YES 🛛 NO 🗌 If not, expla	in:		
Other Comm	nents & Observati	ons					
On-site with	Lori Capone ½ da	ay observing/inspecting cl	earing work by Moo	sehead within Segment	Tay Randorger		
					Authorized Signature		
					Date 12-30-22		





## **EVERSOURCE PROJECT MANAGER**

Name: Mike Hager

Phone: 508-341-5815 (mobile)

Email: Michael.hager@eversource.com

## **EVERSOURCE ENVIRONMENTAL CONTACT**

Name: Matt Devlin Phone: 508-596-0147

Email: <u>matthew.devlin@eversource.com</u>

# EVERSOURCE CONSTRUCTION

SUPERVISOR

Name: Matt Lagoy Phone: 413-320-8752

Email: <u>matthew.Lagoy@eversource.com</u>

## **ENVIRONMENTAL CONSULTANT**

Primary Contact (Epsilon Associates)
Name: Marc Bergeron (Epsilon

Associates)
Phone: 508-212-0420 (mobile)

Email: mbergeron@epsilonassociates.com

Secondary Contact (SWCA)

Name: Rebecca Weissman (SWCA)

Phone: 339-203-7045

Email: Rebecca.weissman@swca.com

## PRIME CONTRACTOR (BOND)

Name: Matt Stock Phone: 617-512-6766

Email: <u>mstock@bond-civilutility.com</u>

## SUB CONTRACTOR (ET & L Corp.)

Name: Mark Richardson Phone: 508-864-8070

Email: 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: 1155 Elm Street #401 Manchester, NH 03101	Phone Number: 603-557-0034			
Inspection	on Details			
Inspection Date: 12/30/22 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, 40-50s				
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 <i>and</i> within 24 hours of the occurrence of either:				
<ul> <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>				
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:				
<ul> <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): <u>For stabilized areas</u> : Twice during first month, no more than 14 calendar days apart; then once per month after first month until permit coverage is terminated <u>For stabilized areas on "linear construction sites"</u> : Twice during first month, no more than 14 calendar days apart; then once more within 24 hours of the occurrence of either:
<ul> <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>
□ 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:
<ul> <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>
☐ 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: N/A
Total rainfall amount that triggered the inspection (inches): N/A
Was this inspection triggered by a snowmelt discharge <u>from</u> a <u>storm event producing</u> 3.25 inches <u>or more of snow within a 24-hour period</u> ? ☐ 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?	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)	☐ Yes ☒ No	N/A	□ Yes ⊠ No	N/A	Silt fencing installed per the plan & operating properly
2. Filter tubes at Sudbury (Substation & Union Ave.)	☐ Yes ☒ No	N/A	☐ Yes ⊠ No	N/A	Filter tubes installed per the plan & operating properly.
3. Stockpile at Sudbury Substation	☐ Yes ☒ No	N/A	☐ Yes ☒ No	N/A	Filter tubes around stockpile installed per the plan & operating properly.
4. Silt fencing (laydown yard @ 25 Stowe Court)	☐ Yes ☒ No	N/A	☐ Yes ☒ No	N/A	Silt fencing installed per the plan & operating properly.
5. Straw Wattles Main St. laydown yard	☐ Yes ⋈ No	N/A	☐ Yes ☒ 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. Silt Fencing on ROW in Hudson	⊠ Yes □ No	N/A	☐ Yes ⊠ No	N/A	Silt fencing is installed and operating properly in segments 1-6. Silt fence repairs needed within Segments 4-6.
7. Silt Fencing on ROW in Sudbury	☐ Yes ☒ No	N/A	☐ Yes ☒ No	N/A	Silt fencing is installed and operating properly in segment 14.
8. Silt fencing & filter tubes in Stow (Segment 1 off Chestnut Street)	☐ Yes ☒ No	N/A	☐ Yes ⊠ No	N/A	Silt fencing & filter tubes are installed per the plan & operating properly.
Construction entrance pads	☐ Yes ☒ No	N/A	☐ Yes ⊠ No	N/A	Construction entrance pads are installed per the plan & operating properly.
10. Inlet protection	☐ Yes ☒ No	N/A	☐ Yes ☒ No	N/A	Silt sack inlet protection installed in catch basin at Wilkins Street entrance pad & operating properly.
11. Compost filter tubes in Hudson	☐ Yes ☒ No	N/A	☐ Yes ☒ No	N/A	Compost filter tube installed & operating properly.

<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/npdes/construction-general-permit-resources-tools-and-templates. See CGP Part 5.4 for more information.

Section C - Condition and Effectiveness of Pollution Prevention (P2) Practices and Controls (CGP Part 2.3)  (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
Sanitary waste facilities, project wide	☐ Yes ☒ No	N/A	☐ Yes ☒ No	N/A	No issues noted.
Storage handling of materials at laydown yards	☐ Yes ☒ No	N/A	☐ Yes ☒ No	N/A	No issues noted.
Sediment tracking/street sweeping	☐ Yes ☒ No	N/A	☐ Yes ☒ No	N/A	No issues noted.
4. Two Fuel tanks (600 & 100 gallons) at 555 Main Street laydown area	□ Yes ⊠ No	N/A	☐ Yes ☒ No	N/A	No issues noted.

<sup>&</sup>lt;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)

contain removed steel rails	☐ Yes ⊠ No	N/A	☐ Yes ⊠ No	N/A	No issues noted.
	ts and record the requ	3			ocation (including this occurrence), follow the why you believe the specific condition should

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.		☐ Yes ☐ No  If "Yes," date initiated:	☐ Yes ☐ No  If "Yes," date criteria met:	☐ Yes ☐ No	
2.		☐ Yes ☐ No  If "Yes," date initiated:	☐ Yes ☐ No If "Yes," date criteria met:	☐ Yes ☐ No	
3.		☐ Yes ☐ No  If "Yes," date initiated:	☐ Yes ☐ No If "Yes," date criteria met:	☐ Yes ☐ No	
4.		☐ Yes ☐ No If "Yes," date initiated:	☐ Yes ☐ No If "Yes," date criteria met:	☐ Yes ☐ No	
5.		☐ Yes ☐ No  If "Yes," date initiated:	☐ Yes ☐ No If "Yes," date criteria met:	☐ Yes ☐ No	

Section E – Description of Discharges (CGP Part 4.6.2)  (Insert additional rows if needed)						
Was a discharge (not includin	ng dewatering) occurring from any part of your site at the time of the inspection?⁴ ☐ Yes ☒ No					
<ul> <li>The visual quality of the characteristics of pollutants.</li> </ul>	of the discharge, including color; odor; floating, settled, or suspended solids; foam; oil sheen; and other indicators of stormwater collutant characteristics that are visible from your site and attributable to your discharge in receiving waters or in other constructed or					
Discharge Location	Observations					
1.						
2.						
3.						
4.						
5.						

<sup>&</sup>lt;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:"			
Signature: To Runborger	Date: 12-30-22		
Printed Name: Terry Ramborger, CPSS,CPESC & SPWS	Affiliation: Senior Environmental Scientist/Compliance Monitor		
OPTIONAL: Signature of Contractor or Subcontractor			
Signature:	Date:		
Printed Name:	Affiliation:		

# ${\bf Environmental\,Monitoring\,Photographs}$

# PHOTOGRAPHIC LOG

Client Name: Eversource

Site Location: Sudbury to Hudson Transmission Reliability Project

Town: Hudson

Photo No.: 1

Date: 12-30-22

Description:

Site work at MH#1 off Forest Avenue, new conduit in trench, looking eastward.



# PHOTOGRAPHIC LOG

Client Name: Eversource

Site Location: Sudbury to Hudson Transmission Reliability Project

Town: Hudson

Photo No.: 2

Date: 12-30-22

Description:

Site grading off Wilkins, looking eastward.



# **Epsilon**

# PHOTOGRAPHIC LOG

Client Name: Eversource

Site Location: Sudbury to Hudson Transmission Reliability Project

Town: Hudson

Photo No.: 3

Date: 12-30-22

# Description:

Clearing of debris within Segment 3 at approximate Sta.# 180+00, looking westward.



# **Epsilon**

# PHOTOGRAPHIC LOG

Client Name: Eversource

Site Location: Sudbury to Hudson Transmission Reliability Project

Town: Hudson

Photo No.: 4 Da

Date: 12-30-22

# Description:

Clearing of debris within Segment 4 at approximate Sta.# 182+00, looking eastward.



# **PHOTOGRAPHIC LOG**

Client Name: Eversource

Site Location: Sudbury to Hudson Transmission Reliability Project

Town: Hudson

Photo No.: 5

Date: 12-30-22

Description:

Grading work (rolling) in Segment 5 at approximate Sta.# 307+50, looking westward.



# Epsilon

# PHOTOGRAPHIC LOG

Client Name: Eversource

Photo No.: 6

Date: 12-30-22

Site Location: Sudbury to Hudson Transmission Reliability Project

Town: Hudson

Description:

Grading work in Segment 5 at approximate Sta.# 314+50, looking eastward.



# PHOTOGRAPHIC LOG

Client Name: Eversource

Site Location: Sudbury to Hudson Transmission Reliability Project

Town: Sudbury

Photo No.: 7

Date: 12-30-22

Description:

MON installing silt fencing within Segment 14 near entrance at substation, looking eastward.



PHOTOGRAPHIC LOG

Client Name: Eversource

Site Location: Sudbury to Hudson Transmission Reliability Project

Town: Sudbury

Photo No.: 8

Date: 12-30-22

Description:

Clearing by Moosehead within Segment 14 at approximate Sta.# 741+00, looking eastward.

