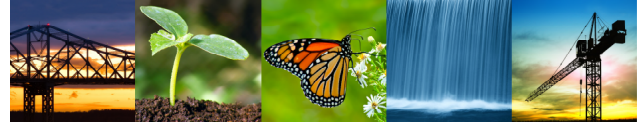




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www.gza.com



December 20, 2021
GZA File No. 15.0166637.24

Leverett Conservation Commission
P.O. Box 300
Leverett, MA 01054

Re: Monthly Summary – November 2021
DEP File No. 200-0195
Eversource Montague-Fairmont Structure Replacement Project (MFRP)
Leverett, MA

Dear Members of the Commission,

The Order of Conditions (OOC) issued by the Leverett Conservation Commission on October 7, 2020, for Eversource's Montague to Fairmont Structure Replacement Project (MFRP) (DEP File No. 200-0195) included the following Special Condition:

For the duration of the work conducted on-site, the applicant shall submit monthly reports that detail the construction process and describe changes from the submitted Notice of Intent that the Leverett Conservation Commission can review.

GZA wetland scientists have been on-site daily during work in resource areas in the month of November 2021. Stormwater Pollution Prevention Plan (SWPPP) inspections were performed weekly and after rain events of more than 0.25 inches. Four (4) SWPPP inspections were performed in November on the following dates:

- November 1
- November 8
- November 15
- November 22

Copies of the SWPPP inspection forms are attached. The status of the construction activities, including activities performed in November in areas subject to the NOI, are summarized below:

Civil Construction / Restoration: Restoration activities in the area of former Structure 10130.5 were underway on November 8 and were still in progress at the end of November. Restoration was complete at Structure 10101 by November 15. On November 22, restoration was in progress at Structures 10107, 10109, and 10111. Where restoration activities are complete, SWPPP inspections will be monthly until permanent stabilization is achieved.

Electrical: The electrical line work, including the pulling of the line through the structures, was in progress at Structures 10098, 10101, 10103 and 10104 at on November 1. On November 8, line work was in progress at Structures 10089, 10098 – 10112, 10115, 10116, 10118 and 10119. On November 15, line work was in progress at Structures 10120 – 10133. By November 22 the electrical line work was complete in Leverett.

Tree Removals: Limited tree removals occurred between Structures 10130 and 10132 the week of November 22 – November 26. No trees in wetlands were removed.

Field Changes: No field changes occurred during this period.



The next monthly summary will be provided to the Commission in mid-January and will summarize the work performed in December 2021. Should you have any questions about the work performed in November, please contact Mary Brittain at 413-386-1431.

Regards,
GZA GeoEnvironmental, Inc.

A handwritten signature in blue ink that reads "Mary J. Brittain".

Mary J. Brittain
Senior Project Manager

A handwritten signature in black ink that reads "Stephen L. Lecco".

Stephen L. Lecco, A.I.C.P., C.E.P.
Associate Principal

A handwritten signature in black ink that reads "Deborah M. Zarta Gier".

Deborah M. Zarta Gier, CNRP
Principal

Attachments: SWPPP Inspection Forms



SWPPP Inspection Forms



CONSTRUCTION MONITORING REPORT

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Eversource Transmission Lines: 1044/1113	Location: Leverett Environmental Permits: EPA CGP, Leverett OOC, ACO
USEPA NOI Tracking No: MAR1002TQ	GZA Project No: 15.0166637.24

Type of Inspection:	
Inspection Type (Weekly, Storm Event, Monthly, Reduced Frequency):	Storm Event +
Date: 11/01/2021 Time: 14:30-16:30 HRS Eastern"	
+Was this inspection triggered by a 0.25" storm event:	Yes
If yes, how did you determine whether a 0.25" storm event has occurred?	
Weather Station - NWS NOAA KORE (https://w1.weather.gov/data/obhistory/KORE.html)	
+Storm event info (approx.): KORE	
Start date/time: 10/30/21 01:52 - 10/31/21 07:52 ; Duration: 30 hrs.	
Amount of rainfall (inches) 1.32"	
++Reason for Reduced Frequency: N/A	

Inspector name(s), title(s) and qualifications:	Others present/ affiliations	Weather Conditions (Since last inspection)	Weather conditions (time of inspection & future outlook)
Joe Rogers, Project Manager, PWS, CESSWI	Patrick Lord, Assistant Project Manager, WPIT, CESSWI	Since the previous inspection, the Site has experienced average temperatures with no significant precipitation with the exception of the event subject to this inspection.	Weather conditions during the inspection were partly cloudy and cool with temperatures rising into the mid 50's °F. The short-term forecast includes seasonal temperatures with mainly dry conditions expected.



Disturbed area and ongoing work (acreage & description):

Approximately 21.25 acres total have been disturbed to date in Leverett and there are approximately 119.75 acres where ongoing construction is occurring and covered under this SWPPP inspection.

Structure	Activity	Civil	Drilling	Line Work	Restored/ Stabilized
10083	No	Completed	N/A	In Progress	
10084	No	Completed	Completed	Pole Set/Line Transferred	
10085	No	Completed	Completed	1 Pole Set/Line Transferred	
10086	No	Completed	Completed	Pole Set/Line Transferred	
10087	No	Completed	Completed	Pole Set/Line Transferred	
10088	No	N/A	N/A	In Progress	
10089	No	Completed	Completed	Poles Set/Line Transferred	
10090	No	Completed	Completed	Pole Set/Line Transferred	
10091	No	Completed	N/A	In Progress	
10092	No	Completed	Completed	Pole Set/Line Transferred	
10093	No	Completed	Completed	Pole Set/Line Transferred	
10094	No	Completed	Completed	Pole Set/Line Transferred	
10095	No	Completed	N/A	In Progress	
10096	No	Completed	Completed	Pole Set/Line Transferred	
10097	No	Completed	Completed	Pole Set/Line Transferred	
10098	No	Completed	N/A	In Progress	
10099	No	Completed	Completed	Pole Set/Line Transferred	
10100	No	Completed	Completed	1 Pole Set/Line Transferred	
10101	No	Completed	N/A	In Progress	
10102	No	Completed	Completed	Pole Set/Line transferred	
10103	No	Completed	N/A	In Progress	
10104	No	Completed	N/A	In Progress	
10105	No	Completed	Completed	Pole Set/Line Transferred	
10106	No	Completed	Completed	1 Pole Set/Line Transferred	
10107	No	Completed	Completed	Pole Set/Line Transferred	
10108	No	Completed	Completed	Pole Set/Line Transferred	
10109	No	Completed	Completed	Pole Set/Line Transferred	



CONSTRUCTION MONITORING REPORT

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Structure	Activity	Civil	Drilling	Line Work	Restored/ Stabilized
10110	No	Completed	Completed	Pole Set/Line Transferred	
10111	No	Completed	Completed	Pole Set/Line Transferred	
10112	No	Completed	Completed	Pole Set/Line Transferred	
10113	No	Completed	Completed	Pole Set/Line Transferred	
10114	No	Completed	Completed	Pole Set/Line Transferred	
10115	No	Completed	Completed	Pole Set/Line Transferred	
10116	No	Completed	Completed	Pole Set/Line Transferred	
10117	No	Completed	Completed	Pole Set/Line Transferred	
10118	No	Completed	Completed	1 Pole Set/Line Transferred	
10119	No	Completed	Completed	3 Poles Set/Line Transferred	
10120	No	Completed	Completed	1 Pole Set/Line Transferred	
10121	No	Completed	Completed	Pole Set/Line Transferred	
10122	No	Completed	Completed	Pole Set/Line Transferred	
10123	No	Completed	Completed	Pole Set/Line Transferred	
10124	No	Completed	Completed	Pole Set/Line Transferred	
10125	No	Completed	Completed	Pole Set/Line Transferred	
10126	No	Completed	Completed	Pole Set/Line Transferred	
10127	No	Completed	Completed	Pole Set/Line Transferred	
10128	No	Completed	Completed	1 Pole Set/Line Transferred	
10129	No	Completed	Completed	Pole Set/Line Transferred	
10130	No	Completed	Completed	Pole Set/Line Transferred	
10130.5	No	Completed	N/A	Former STR removed	
10131	No	Completed	Completed	Pole Set/Line Transferred	
10132	No	Completed	Completed	Pole Set/Line Transferred	
10133	No	Completed	Completed	Pole Set/Line Transferred	
10134	No	Completed	Completed	1 Pole Set/Line Transferred	
Proceeding per approved plan?					Yes
Operating within phasing limits?					Yes



CONSTRUCTION MONITORING REPORT

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6 - Project Team		
Project Team		
Property Owner	Contractor	Environmental Consultant
Eversource	BluRoc	GZA GeoEnvironmental, Inc.
Jared Kupiec – PM 860-933-2731 jared.kupiec@eversource.com	PJ Malone – Superintendent 413-540-6791 philip.malonejr@bluroc.com	Steve Riberdy – PM 413-237-6860 steven.riberdy@gza.com
Nick Ganacoplos – Env. PM 860-287-1100 nicholas.ganacoplos@eversource.com	Jamie Cross – Regional Manager 413-246-5363 jamie.cross@bluroc.com	Joe Rogers – SWPPP Lead 413-218-2959 joseph.rogers@gza.com
Jeff Baril – Construction Rep. 508-572-2013 jeffrey.baril@eversource.com	Jason Pecoske – Safety 203-415-8318 jpekoske@fieldsafety.com	Deborah Zarta Gier – PIC 603-380-5024 deborah.zartagier@gza.com

STORMWATER DISCHARGE	
Stormwater discharge from the site at the time of inspection?	No
If yes, Turbidity visually observed?	
If yes, Stormwater discharge consistent with water quality standards?	
__ Wetland: __ Stream: __ Lake/Pond:	
Discharge Description: (if any)	

DURING CONSTRUCTION: TEMPORARY EROSION AND SEDIMENTATION CONTROLS (TESC)	
Installed and functioning per the SWPPP?	Yes
If not, explain necessary repairs or other maintenance to be taken for each of the following categories. Detail what needs to be done, in what location, and what has been corrected since the last monitoring inspection.	
__ Erosion prevention and stabilization (e.g., straw wattle): (description if any)	
__ Runoff control (e.g., water bars): (description if any)	
__ Sediment control (e.g., straw wattle, silt sock): (description if any)	
Are any corrective actions required? *	No



If so, please describe:

* Note: The permit differentiates between conditions requiring repairs and maintenance, and those requiring corrective action. Corrective actions are triggered only for specific, more serious conditions and require a corrective action form be filled out. Please refer to Part 5 of the CGP for additional information.

RESTORATION: PERMANENT EROSION AND SEDIMENTATION CONTROLS (PESC)

Disturbed areas must have a uniform perennial vegetative cover with 70% density, or equivalent physical stabilization, to be considered permanently stabilized (per the SWPPP).

Installed and functioning per the SWPPP? N/A

If not, explain what was not performed correctly (construction/stabilization) for each of the following categories. Detail what/where needs to be corrected, and what has been corrected since the last monitoring inspection.

Runoff Control, Erosion Prevention and Soil Stabilization, and Sediment Control, Other:

Other Comments and Observations

General:

- Daily sweeping of access road entrances during periods of active work is recommended.
- Sweep and remove soils and debris from matted work pads and access roads within wetland resource areas.
- Recommend use of sediment controls when dewatering near wetland resources.
- Stabilization using seed and mulch or removal of drilling spoils is recommended according to Site conditions.
- Recommend removal of gravel, soils, and filter fabric following initial recovery of excess gravel piles in resource areas.
- Reminder to maintain general housekeeping including removing litter from sites.

Contractor:

- STRs 10084 & 10087 - Repairs to cultural exclusion area fence are needed.
- STR 10119 - Sweep partially matted pad prior to next phase of line work.

GZA:

- GZA has no additional comments at this time.



CERTIFICATION:

"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 submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, 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."

This form is completed and signed in accordance with the Signatory Requirements specified in Appendix G.11 of the NPDES CGP for the project site and NOI identified above.

Authorized signature:

A handwritten signature in blue ink that reads "Joseph Rogers".

Date:

11/02/2021



CONSTRUCTION MONITORING REPORT

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Photographs



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Photo No. 1

STR 10134 looking north.



Photo No. 2

STR 10133 looking north.



Photo No. 3

STR 10132 looking north.



Photo No. 4

STR 10131 looking north.



Photo No. 5

STR 10130 looking north.



Photo No. 6

STR 10129 looking north.



CONSTRUCTION MONITORING REPORT

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Photo No. 7

STR 10124 looking south.



Photo No. 8

STR 10123 facing north.



Photo No. 9

STR 10119 facing north west. Mats need sweeping prior to next phase of line work.



Photo No. 10

STR 10115 facing south.



Photo No. 11

STR 10110 facing north.



Photo No. 12

STR 10105 facing east.



CONSTRUCTION MONITORING REPORT

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Photo No. 13

STR 10098 facing south.



Photo No. 14

STR 10094 facing north.



Photo No. 15

STR 10087 repairs to cultural fencing are needed, facing north.



Photo No. 16

Line crew staged at STR 10086 looking west.



Photo No. 17

STR 10082 facing south.



CONSTRUCTION MONITORING REPORT

GZA | 1350 Main Street | Suite 1400 | Springfield, MA 01103

Eversource Transmission Lines: 1044/1113	Location: Leverett
	Environmental Permits: EPA CGP, Leverett OOC, ACO
USEPA NOI Tracking No: MAR1002TQ	GZA Project No: 15.0166637.24

Type of Inspection:	
Inspection Type (Weekly, Storm Event, Monthly, Reduced Frequency):	Weekly
Date: 11/08/2021 Time: 12:00-13:30 HRS Eastern"	
+Was this inspection triggered by a 0.25" storm event:	No
If yes, how did you determine whether a 0.25" storm event has occurred?	
Weather Station - NWS NOAA KORE (https://w1.weather.gov/data/obhistory/KORE.html)	
+Storm event info (approx.): KORE	
Start date/time: N/A ; Duration: N/A	
Amount of rainfall (inches) N/A	
++Reason for Reduced Frequency: N/A	

Inspector name(s), title(s) and qualifications:	Others present/ affiliations	Weather Conditions (Since last inspection)	Weather conditions (time of inspection & future outlook)
Joe Rogers, Project Manager, PWS, CESSWI		Since the previous inspection, the Site has experienced average temperatures with no significant precipitation.	Weather conditions during the inspection were sunny and seasonable warm with temperatures rising into the low 60's °F. The short-term forecast includes seasonal temperatures with mainly dry conditions until Friday, November 12, 2021.



Disturbed area and ongoing work (acreage & description):

Approximately 21.25 acres total have been disturbed to date in Leverett and there are approximately 121.07 acres where ongoing construction is occurring and covered under this SWPPP inspection.

Structure	Activity	Civil	Drilling	Line Work	Restored/ Stabilized
10083	Yes	Completed	N/A	Completed	
10084	Yes	Completed	Completed	Completed	
10085	Yes	Completed	Completed	Completed	
10086	Yes	Completed	Completed	Completed	
10087	Yes	Completed	Completed	Completed	
10088	Yes	N/A	N/A	Completed	
10089	Yes	Completed	Completed	In Progress	
10090	Yes	Completed	Completed	In Progress	
10091	Yes	Completed	N/A	In Progress	
10092	Yes	Completed	Completed	In Progress	
10093	Yes	Completed	Completed	In Progress	
10094	Yes	Completed	Completed	In Progress	
10095	Yes	Completed	N/A	In Progress	
10096	Yes	Completed	Completed	In Progress	
10097	Yes	Completed	Completed	In Progress	
10098	Yes	Completed	N/A	In Progress	
10099	Yes	Completed	Completed	In Progress	
10100	Yes	Completed	Completed	In Progress	
10101	Yes	Completed	N/A	In Progress	
10102	Yes	Completed	Completed	In Progress	
10103	Yes	Completed	N/A	In Progress	
10104	Yes	Completed	N/A	In Progress	
10105	Yes	Completed	Completed	In Progress	
10106	Yes	Completed	Completed	In Progress	
10107	Yes	Completed	Completed	In Progress	
10108	Yes	Completed	Completed	In Progress	
10109	Yes	Completed	Completed	In Progress	



CONSTRUCTION MONITORING REPORT

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Structure	Activity	Civil	Drilling	Line Work	Restored/ Stabilized
10110	Yes	Completed	Completed	In Progress	
10111	Yes	Completed	Completed	In Progress	
10112	Yes	Completed	Completed	In Progress	
10113	Yes	Completed	Completed	In Progress	
10114	Yes	Completed	Completed	In Progress	
10115	Yes	Completed	Completed	In Progress	
10116	Yes	Completed	Completed	In Progress	
10117	Yes	Completed	Completed	In Progress	
10118	Yes	Completed	Completed	In Progress	
10119	Yes	Completed	Completed	In Progress	
10120	No	Completed	Completed	1 Pole Set/Line Transferred	
10121	No	Completed	Completed	Pole Set/Line Transferred	
10122	No	Completed	Completed	Pole Set/Line Transferred	
10123	No	Completed	Completed	Pole Set/Line Transferred	
10124	No	Completed	Completed	Pole Set/Line Transferred	
10125	No	Completed	Completed	Pole Set/Line Transferred	
10126	No	Completed	Completed	Pole Set/Line Transferred	
10127	No	Completed	Completed	Pole Set/Line Transferred	
10128	No	Completed	Completed	1 Pole Set/Line Transferred	
10129	No	Completed	Completed	Pole Set/Line Transferred	
10130	No	Completed	Completed	Pole Set/Line Transferred	
10130.5	Yes	Completed	N/A	Former STR removed	In Progress
10131	No	Completed	Completed	Pole Set/Line Transferred	
10132	No	Completed	Completed	Pole Set/Line Transferred	
10133	No	Completed	Completed	Pole Set/Line Transferred	
10134	No	Completed	Completed	1 Pole Set/Line Transferred	
Proceeding per approved plan?					Yes
Operating within phasing limits?					Yes



CONSTRUCTION MONITORING REPORT

GZA | 1350 Main Street | Suite 1400 | Springfield, MA 01103

6 - Project Team		
Project Team		
Property Owner	Contractor	Environmental Consultant
Eversource	BluRoc	GZA GeoEnvironmental, Inc.
Jared Kupiec – PM 860-933-2731 jared.kupiec@eversource.com	PJ Malone – Superintendent 413-540-6791 philip.malonejr@bluroc.com	Steve Riberdy – PM 413-237-6860 steven.riberdy@gza.com
Nick Ganacoplos – Env. PM 860-287-1100 nicholas.ganacoplos@eversource.com	Jamie Cross – Regional Manager 413-246-5363 jamie.cross@bluroc.com	Joe Rogers – SWPPP Lead 413-218-2959 joseph.rogers@gza.com
Jeff Baril – Construction Rep. 508-572-2013 jeffrey.baril@eversource.com	Jason Pecoske – Safety 203-415-8318 jpekoske@fieldsafety.com	Deborah Zarta Gier – PIC 603-380-5024 deborah.zartagier@gza.com

STORMWATER DISCHARGE	
Stormwater discharge from the site at the time of inspection?	No
If yes, Turbidity visually observed?	
If yes, Stormwater discharge consistent with water quality standards?	
__ Wetland: __ Stream: __ Lake/Pond:	
Discharge Description: (if any)	

DURING CONSTRUCTION: TEMPORARY EROSION AND SEDIMENTATION CONTROLS (TESC)	
Installed and functioning per the SWPPP?	Yes
If not, explain necessary repairs or other maintenance to be taken for each of the following categories. Detail what needs to be done, in what location, and what has been corrected since the last monitoring inspection.	
__ Erosion prevention and stabilization (e.g., straw wattle): (description if any)	
__ Runoff control (e.g., water bars): (description if any)	
__ Sediment control (e.g., straw wattle, silt sock): (description if any)	
Are any corrective actions required? *	No



If so, please describe:

* Note: The permit differentiates between conditions requiring repairs and maintenance, and those requiring corrective action. Corrective actions are triggered only for specific, more serious conditions and require a corrective action form be filled out. Please refer to Part 5 of the CGP for additional information.

RESTORATION: PERMANENT EROSION AND SEDIMENTATION CONTROLS (PESC)

Disturbed areas must have a uniform perennial vegetative cover with 70% density, or equivalent physical stabilization, to be considered permanently stabilized (per the SWPPP).

Installed and functioning per the SWPPP? N/A

If not, explain what was not performed correctly (construction/stabilization) for each of the following categories. Detail what/where needs to be corrected, and what has been corrected since the last monitoring inspection.

Runoff Control, Erosion Prevention and Soil Stabilization, and Sediment Control, Other:

Other Comments and Observations

General:

- Daily sweeping of access road entrances during periods of active work is recommended.
- Sweep and remove soils and debris from matted work pads and access roads within wetland resource areas.
- Recommend use of sediment controls when dewatering near wetland resources.
- Stabilization using seed and mulch or removal of drilling spoils is recommended according to Site conditions.
- Recommend removal of gravel, soils, and filter fabric following initial recovery of excess gravel piles in resource areas.
- Reminder to maintain general housekeeping including removing litter from sites.

Contractor:

- STRs 10084 & 10087 - Repairs to cultural exclusion area fence are needed.
- STR 10119 - Sweep partially matted pad prior to next phase forecasted rain event on November 12, 2021. .

GZA:




CONSTRUCTION MONITORING REPORT

GZA | 1350 Main Street | Suite 1400 | Springfield, MA 01103

- GZA had limited access to review STRs 10091 - 10119 due to the active line pull and helicopter line work. These sites were reviewed where possible and will be more thoroughly inspected during the next SWPPP inspection.

CERTIFICATION:
"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 submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, 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."
This form is completed and signed in accordance with the Signatory Requirements specified in Appendix G.11 of the NPDES CGP for the project site and NOI identified above.

Authorized signature: 	Date: 11/09/2021
---	---------------------



CONSTRUCTION MONITORING REPORT

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Photographs



CONSTRUCTION MONITORING REPORT

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Photo No. 1 STR 10083 line pull complete, facing south.



Photo No. 2 STR 10084 repairs to cultural fencing are needed, facing south.



Photo No. 3 STR 10085 line work complete, facing south.



Photo No. 4 STR 10086 line work complete, facing west.



Photo No. 5 STR 10087 line work complete, facing north. Repairs to cultural fence are needed.









Photo No. 6 STR 10089 line work in progress, facing west.



CONSTRUCTION MONITORING REPORT

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Photo No. 7	STR 10090 helicopter line pull work in progress, facing south.	Photo No. 8	STR 10120 facing north. Active line pull work at STR 10119 in background.
			
Photo No. 9	STR 10123 facing north.	Photo No. 10	STR 10129 facing north.
			
Photo No. 11	STR 10130.5 civil restoration in progress, facing east.	Photo No. 12	STR 10133 facing north.



CONSTRUCTION MONITORING REPORT

GZA | 1350 Main Street | Suite 1400 | Springfield, MA 01103

Eversource Transmission Lines: 1044/1113	Location: Leverett Environmental Permits: EPA CGP, Leverett OOC, ACO
USEPA NOI Tracking No: MAR1002TQ	GZA Project No: 15.0166637.24

Type of Inspection:	
Inspection Type (Weekly, Storm Event, Monthly, Reduced Frequency):	Storm Event +
Date: 11/15/2021 Time: 11:30-13:45 HRS Eastern"	
+Was this inspection triggered by a 0.25" storm event:	Yes
If yes, how did you determine whether a 0.25" storm event has occurred?	
Weather Station - NWS NOAA KORE (https://w1.weather.gov/data/obhistory/KORE.html)	
+Storm event info (approx.): KORE	
Start date/time: 11/12/2021 06:52 - 11/23/2021 18:52 ; Duration: 36 hrs.	
Amount of rainfall (inches) 1.96"	
++Reason for Reduced Frequency: N/A	

Inspector name(s), title(s) and qualifications:	Others present/ affiliations	Weather Conditions (Since last inspection)	Weather conditions (time of inspection & future outlook)
Joe Rogers, Project Manager, PWS, CESSWI		Since the previous inspection, the Site has experienced average temperatures with two fronts that passed through the Region on 11/12 and 11/13, resulting in rainfall in the project area.	Weather conditions during the inspection were mostly cloudy, cool and gusty with temperatures rising into the mid 40's °F. The short-term forecast includes variable temperatures with a chance of precipitation on Thursday, November 18, 2021.



Disturbed area and ongoing work (acreage & description):

Approximately 21.25 acres total have been disturbed to date in Leverett and there are approximately 120.84 acres where ongoing construction is occurring and covered under this SWPPP inspection.

Structure	Activity	Civil	Drilling	Line Work	Restored/Stabilized
10083	No	Completed	N/A	Completed	
10084	No	Completed	Completed	Completed	
10085	No	Completed	Completed	Completed	
10086	No	Completed	Completed	Completed	
10087	Yes	Completed	Completed	Completed	
10088	No	N/A	N/A	Completed	
10089	Yes	Completed	Completed	Completed	
10090	Yes	Completed	Completed	Completed	
10091	Yes	Completed	N/A	Completed	Completed - Monthly
10092	Yes	Completed	Completed	Completed	Completed - Monthly
10093	Yes	Completed	Completed	Completed	
10094	Yes	Completed	Completed	Completed	Completed - Monthly
10095	Yes	Completed	N/A	Completed	Completed - Monthly
10096	Yes	Completed	Completed	Completed	
10097	Yes	Completed	Completed	Completed	
10098	Yes	Completed	N/A	Completed	
10099	Yes	Completed	Completed	Completed	
10100	Yes	Completed	Completed	Completed	
10101	Yes	Completed	N/A	Completed	Completed - Monthly
10102	Yes	Completed	Completed	Completed	
10103	Yes	Completed	N/A	Completed	
10104	Yes	Completed	N/A	Completed	
10105	Yes	Completed	Completed	Completed	
10106	Yes	Completed	Completed	Completed	
10107	Yes	Completed	Completed	Completed	
10108	Yes	Completed	Completed	Completed	
10109	Yes	Completed	Completed	Completed	
10110	Yes	Completed	Completed	Completed	



CONSTRUCTION MONITORING REPORT

GZA | 1350 Main Street | Suite 1400 | Springfield, MA 01103

Structure	Activity	Civil	Drilling	Line Work	Restored/Stabilized
10111	Yes	Completed	Completed	Completed	
10112	Yes	Completed	Completed	Completed	
10113	Yes	Completed	Completed	Completed	
10114	Yes	Completed	Completed	Completed	
10115	Yes	Completed	Completed	Completed	
10116	Yes	Completed	Completed	Completed	
10117	Yes	Completed	Completed	Completed	
10118	Yes	Completed	Completed	Completed	
10119	Yes	Completed	Completed	Completed	
10120	Yes	Completed	Completed	In Progress	
10121	Yes	Completed	Completed	In Progress	
10122	Yes	Completed	Completed	In Progress	
10123	Yes	Completed	Completed	In Progress	
10124	Yes	Completed	Completed	In Progress	
10125	Yes	Completed	Completed	In Progress	
10126	Yes	Completed	Completed	In Progress	
10127	Yes	Completed	Completed	In Progress	
10128	Yes	Completed	Completed	In Progress	
10129	Yes	Completed	Completed	In Progress	
10130	Yes	Completed	Completed	In Progress	
10130.5	Yes	Completed	N/A	In Progress	In Progress
10131	Yes	Completed	Completed	N/A	
10132	Yes	Completed	Completed	In Progress	
10133	Yes	Completed	Completed	In Progress	
10134	Yes	Completed	Completed	In Progress	
Proceeding per approved plan?					Yes
Operating within phasing limits?					Yes



CONSTRUCTION MONITORING REPORT

GZA | 1350 Main Street | Suite 1400 | Springfield, MA 01103

6 - Project Team		
Project Team		
Property Owner	Contractor	Environmental Consultant
Eversource	BluRoc	GZA GeoEnvironmental, Inc.
Jared Kupiec – PM 860-933-2731 jared.kupiec@eversource.com	PJ Malone – Superintendent 413-540-6791 philip.malonejr@bluroc.com	Steve Riberdy – PM 413-237-6860 steven.riberdy@gza.com
Nick Ganacoplos – Env. PM 860-287-1100 nicholas.ganacoplos@eversource.com	Jamie Cross – Regional Manager 413-246-5363 jamie.cross@bluroc.com	Joe Rogers – SWPPP Lead 413-218-2959 joseph.rogers@gza.com
Jeff Baril – Construction Rep. 508-572-2013 jeffrey.baril@eversource.com	Jason Pecoske – Safety 203-415-8318 jpekoske@fieldsafety.com	Deborah Zarta Gier – PIC 603-380-5024 deborah.zartagier@gza.com

STORMWATER DISCHARGE	
Stormwater discharge from the site at the time of inspection?	No
If yes, Turbidity visually observed?	
If yes, Stormwater discharge consistent with water quality standards?	
__ Wetland: __ Stream: __ Lake/Pond:	
Discharge Description: (if any)	

DURING CONSTRUCTION: TEMPORARY EROSION AND SEDIMENTATION CONTROLS (TESC)	
Installed and functioning per the SWPPP?	Yes
If not, explain necessary repairs or other maintenance to be taken for each of the following categories. Detail what needs to be done, in what location, and what has been corrected since the last monitoring inspection.	
__ Erosion prevention and stabilization (e.g., straw wattle): (description if any)	
__ Runoff control (e.g., water bars): (description if any)	
__ Sediment control (e.g., straw wattle, silt sock): (description if any)	
Are any corrective actions required? *	No



If so, please describe:

* Note: The permit differentiates between conditions requiring repairs and maintenance, and those requiring corrective action. Corrective actions are triggered only for specific, more serious conditions and require a corrective action form be filled out. Please refer to Part 5 of the CGP for additional information.

RESTORATION: PERMANENT EROSION AND SEDIMENTATION CONTROLS (PESC)

Disturbed areas must have a uniform perennial vegetative cover with 70% density, or equivalent physical stabilization, to be considered permanently stabilized (per the SWPPP).

Installed and functioning per the SWPPP? N/A

If not, explain what was not performed correctly (construction/stabilization) for each of the following categories. Detail what/where needs to be corrected, and what has been corrected since the last monitoring inspection.

Runoff Control, Erosion Prevention and Soil Stabilization, and Sediment Control, Other:

Other Comments and Observations

General:

- Monthly Inspections will take place at the following restored sites until permanent stabilization is achieved: STRs 10091 - 10092, 10094 - 10095, and 10101.
- Daily sweeping of access road entrances during periods of active work is recommended.
- Sweep and remove soils and debris from matted work pads and access roads within wetland resource areas.
- Recommend use of sediment controls when dewatering near wetland resources.
- Stabilization using seed and mulch or removal of drilling spoils is recommended according to Site conditions.
- Recommend removal of gravel, soils, and filter fabric following initial recovery of excess gravel piles in resource areas.
- Reminder to maintain general housekeeping including removing litter from sites.

Contractor:


- STRs 10084 - Repairs to cultural exclusion area fence are needed.

GZA:



- GZA had limited access to review STRs 10117 - 10137 due to the active line pull and helicopter line work. These sites were reviewed where possible and will be more thoroughly inspected during the next SWPPP inspection.

CERTIFICATION:
"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 submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, 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."
This form is completed and signed in accordance with the Signatory Requirements specified in Appendix G.11 of the NPDES CGP for the project site and NOI identified above.

Authorized signature: 	Date: 11/15/2021
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CONSTRUCTION MONITORING REPORT

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Photographs



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Photo No. 1	STR 10083 facing south.	Photo No. 2	STR 10084 facing south, repair cultural exclusion fence or restore site.
Photo No. 3	STR 10087, cultural fence repaired. Facing north.	Photo No. 4	STR 10091 facing north.
Photo No. 5	STR 10093 facing south.	Photo No. 6	STR 10097 facing south.



CONSTRUCTION MONITORING REPORT

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Photo No. 7 STR 10100 facing north, line work complete.



Photo No. 8 STR 10102 facing north. Line work complete.



Photo No. 9 STR 10108 facing east.



Photo No. 10 STR 10110 facing north east.



Photo No. 11 STR 10113 line work complete, facing north.



Photo No. 12 STR 10119 - 10137, line work in progress.



CONSTRUCTION MONITORING REPORT

GZA | 1350 Main Street | Suite 1400 | Springfield, MA 01103

Eversource Transmission Lines: 1044/1113	Location: Leverett
	Environmental Permits: EPA CGP, Leverett OOC, ACO
USEPA NOI Tracking No: MAR1002TQ	GZA Project No: 15.0166637.24

Type of Inspection:	
Inspection Type (Weekly, Storm Event, Monthly, Reduced Frequency):	Weekly
Date: 11/22/2021 Time: 11:15-14:00 HRS Eastern"	
+Was this inspection triggered by a 0.25" storm event:	No
If yes, how did you determine whether a 0.25" storm event has occurred?	
Weather Station - NWS NOAA KORE (https://w1.weather.gov/data/obhistory/KORE.html)	
+Storm event info (approx.): KORE	
Start date/time: N/A ; Duration: N/A	
Amount of rainfall (inches) N/A	
++Reason for Reduced Frequency: N/A	

Inspector name(s), title(s) and qualifications:	Others present/ affiliations	Weather Conditions (Since last inspection)	Weather conditions (time of inspection & future outlook)
Joe Rogers, Project Manager, PWS, CESSWI		Since the previous inspection, the Site has experienced average temperatures and mostly dry weather.	Weather conditions during the inspection were mostly sunny and cool with temperatures falling into the low 40's °F. The short-term forecast includes variable temperatures with a chance of precipitation on Friday, November 26, 2021.



Disturbed area and ongoing work (acreage & description):

Approximately 21.25 acres total have been disturbed to date in Leverett and there are approximately 121.1 acres where ongoing construction is occurring and covered under this SWPPP inspection.

Structure	Activity	Civil	Drilling	Line Work	Restored/Stabilized
10083	Yes	Completed	N/A	Completed	In Progress
10084	Yes	Completed	Completed	Completed	In Progress
10085	Yes	Completed	Completed	Completed	In Progress
10086	No	Completed	Completed	Completed	
10087	No	Completed	Completed	Completed	
10088	No	N/A	N/A	Completed	
10089	No	Completed	Completed	Completed	
10090	No	Completed	Completed	Completed	
10091	No	Completed	N/A	Completed	Completed - Monthly
10092	No	Completed	Completed	Completed	Completed - Monthly
10093	No	Completed	Completed	Completed	
10094	No	Completed	Completed	Completed	Completed - Monthly
10095	No	Completed	N/A	Completed	Completed - Monthly
10096	No	Completed	Completed	Completed	
10097	No	Completed	Completed	Completed	
10098	No	Completed	N/A	Completed	
10099	No	Completed	Completed	Completed	
10100	No	Completed	Completed	Completed	
10101	No	Completed	N/A	Completed	Completed - Monthly
10102	No	Completed	Completed	Completed	
10103	No	Completed	N/A	Completed	
10104	No	Completed	N/A	Completed	
10105	No	Completed	Completed	Completed	
10106	No	Completed	Completed	Completed	
10107	Yes	Completed	Completed	Completed	In Progress
10108	No	Completed	Completed	Completed	
10109	Yes	Completed	Completed	Completed	In Progress
10110	No	Completed	Completed	Completed	



CONSTRUCTION MONITORING REPORT

GZA | 1350 Main Street | Suite 1400 | Springfield, MA 01103

Structure	Activity	Civil	Drilling	Line Work	Restored/Stabilized
10111	Yes	Completed	Completed	Completed	In Progress
10112	No	Completed	Completed	Completed	
10113	No	Completed	Completed	Completed	
10114	No	Completed	Completed	Completed	
10115	No	Completed	Completed	Completed	
10116	No	Completed	Completed	Completed	
10117	No	Completed	Completed	Completed	
10118	No	Completed	Completed	Completed	
10119	Yes	Completed	Completed	Completed	
10120	Yes	Completed	Completed	Completed	
10121	Yes	Completed	Completed	Completed	
10122	Yes	Completed	Completed	Completed	
10123	Yes	Completed	Completed	Completed	
10124	Yes	Completed	Completed	Completed	
10125	Yes	Completed	Completed	Completed	
10126	Yes	Completed	Completed	Completed	
10127	Yes	Completed	Completed	Completed	
10128	Yes	Completed	Completed	Completed	
10129	Yes	Completed	Completed	Completed	
10130	Yes	Completed	Completed	Completed	
10130.5	Yes	Completed	N/A	Completed	In Progress
10131	Yes	Completed	Completed	Completed	
10132	Yes	Completed	Completed	Completed	
10133	Yes	Completed	Completed	Completed	
10134	Yes	Completed	Completed	Completed	
Proceeding per approved plan?					Yes
Operating within phasing limits?					Yes



6 - Project Team		
Project Team		
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Eversource	BluRoc	GZA GeoEnvironmental, Inc.
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STORMWATER DISCHARGE	
Stormwater discharge from the site at the time of inspection?	No
If yes, Turbidity visually observed?	
If yes, Stormwater discharge consistent with water quality standards?	
__ Wetland: __ Stream: __ Lake/Pond:	
Discharge Description: (if any)	

DURING CONSTRUCTION: TEMPORARY EROSION AND SEDIMENTATION CONTROLS (TESC)	
Installed and functioning per the SWPPP?	Yes
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__ Sediment control (e.g., straw wattle, silt sock): (description if any)	
Are any corrective actions required? *	No



If so, please describe:

* Note: The permit differentiates between conditions requiring repairs and maintenance, and those requiring corrective action. Corrective actions are triggered only for specific, more serious conditions and require a corrective action form be filled out. Please refer to Part 5 of the CGP for additional information.

RESTORATION: PERMANENT EROSION AND SEDIMENTATION CONTROLS (PESC)

Disturbed areas must have a uniform perennial vegetative cover with 70% density, or equivalent physical stabilization, to be considered permanently stabilized (per the SWPPP).

Installed and functioning per the SWPPP? | N/A

If not, explain what was not performed correctly (construction/stabilization) for each of the following categories. Detail what/where needs to be corrected, and what has been corrected since the last monitoring inspection.

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- Reminder to maintain general housekeeping including removing litter from sites.

Contractor:

- STRs 10084 - Repairs to cultural exclusion area fence are needed.
- STR 10119 - Sweep mats and refresh erosion controls near stream.

GZA:



CONSTRUCTION MONITORING REPORT

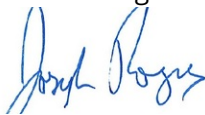
GZA | 1350 Main Street | Suite 1400 | Springfield, MA 01103

- GZA has no additional comments at this time.

CERTIFICATION:

"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 submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, 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."

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Authorized signature: 	Date: 11/22/2021
--	---------------------



CONSTRUCTION MONITORING REPORT

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Photographs



CONSTRUCTION MONITORING REPORT

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Photo No. 1

STR 10083 civil restoration in progress, facing south.



Photo No. 2

STR 10084 civil restoration in progress, facing north. Cultural fence repairs needed.



Photo No. 3

STR 10085 civil restoration in progress, facing south.



Photo No. 4

STR 10089 facing south.



Photo No. 5

STR 10104 facing east.



Photo No. 6

STR 10107 pull pad civil restoration in progress, facing south.



CONSTRUCTION MONITORING REPORT

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Photo No. 7 STR 10109 civil restoration in progress, facing west.



Photo No. 8 STR 10111 civil restoration in progress, facing north.



Photo No. 9 STR 10113 facing south east.



Photo No. 10 STR 10119 line work complete, facing east.



Photo No. 11 STR 10119 sweep mats and refresh erosion controls near stream.



Photo No. 12 STR 10122 line work complete, facing north.



CONSTRUCTION MONITORING REPORT

GZA | 1350 Main Street | Suite 1400 | Springfield, MA 01103



Photo No. 13 STR 10124 line work complete, facing south.



Photo No. 14 STR 10128 facing south.



Photo No. 15 STR 10133 facing south.