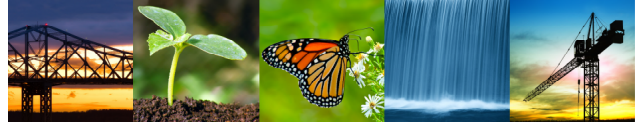




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www.gza.com



January 20, 2022
GZA File No. 15.0166637.24

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

Re: Monthly Summary – December 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 December 2021. Stormwater Pollution Prevention Plan (SWPPP) inspections were performed weekly and after rain events of more than 0.25 inches. Seven (7) SWPPP inspections were performed in December on the following dates:

- December 1
- December 3
- December 7
- December 13
- December 16-17
- December 20
- December 27

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

Civil Construction / Restoration:

Restoration activities at Structures 10107, 10109, and 10111, and in the area of former Structure 10130.5 were initiated in November and then paused for work activities scheduled for February 2022. Following that work, restoration will be resumed at those four locations. Restoration was complete at Structures 10100 and 10112 by December 16. On December 27, restoration was in progress at Structures 10110, 10115, 10118, 10119 and 10120. Where restoration activities are complete, SWPPP inspections will be monthly until permanent stabilization is achieved.

Electrical: The electrical line work was completed in Leverett in November 2021.

Tree Removals: No tree removals occurred in Leverett in December.

Field Changes: No field changes occurred during this period.



The next monthly summary will be provided to the Commission in mid-February and will summarize the work performed in January 2022. Should you have any questions about the work performed in December, 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

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: 12/01/2021 Time: 09:00-13:30 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 and dry weather.	Weather conditions during the inspection were overcast and cool with temperatures rising into the low to middle 40's °F. The short-term forecast includes variable temperatures with a chance of precipitation on December 06, 2021.



CONSTRUCTION MONITORING REPORT

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

Disturbed area and ongoing work (acreage & description):

Approximately 21.25 acres total have been disturbed to date in Leverett and there are approximately 115.04 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	In Progress
10084	No	Completed	Completed	Completed	In Progress
10085	No	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	Yes	Completed	Completed	Completed	In Progress
10091	No	Completed	N/A	Completed	Completed - Monthly
10092	No	Completed	Completed	Completed	Completed - Monthly
10093	No	Completed	Completed	Completed	Completed - Monthly
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	No	Completed	Completed	Completed	In Progress
10108	No	Completed	Completed	Completed	
10109	No	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	No	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	No	Completed	Completed	Completed	
10120	No	Completed	Completed	Completed	
10121	No	Completed	Completed	Completed	
10122	No	Completed	Completed	Completed	
10123	No	Completed	Completed	Completed	
10124	No	Completed	Completed	Completed	
10125	No	Completed	Completed	Completed	
10126	No	Completed	Completed	Completed	
10127	No	Completed	Completed	Completed	
10128	No	Completed	Completed	Completed	
10129	No	Completed	Completed	Completed	
10130	No	Completed	Completed	Completed	
10130.5	No	Completed	N/A	Completed	In Progress
10131	No	Completed	Completed	Completed	
10132	No	Completed	Completed	Completed	
10133	No	Completed	Completed	Completed	
10134	No	Completed	Completed	Completed	
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 Pekoske – 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 - 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:

- 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."

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, appearing to read 'Joseph Rogers'.

Date:

12/02/2021



CONSTRUCTION MONITORING REPORT

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

Photographs



CONSTRUCTION MONITORING REPORT

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Photo No. 1

STR 10084 facing north.



Photo No. 2

STR 10086 facing west.



Photo No. 3

STR 10090 restoration in progress, facing south.



Photo No. 4

STR 10097 facing south.



Photo No. 5

STR 10098 facing north.



Photo No. 6

STR 10106 facing south.



CONSTRUCTION MONITORING REPORT

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



Photo No. 7

STR 10113 facing north east.



Photo No. 8

STR 10118 facing north.



Photo No. 9

STR 10126 facing south.



Photo No. 10

STR 10122 facing south.



Photo No. 11

STR 10133 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):	Storm Event +
Date: 12/03/2021 Time: 07:00-16:00 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: 12/02/2021 04:52 - 12/02/2021 21:52 ; Duration: 16 hrs.	
Amount of rainfall (inches) 0.27"	
++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 dry weather until the rain event triggering this inspection.	Weather conditions during the inspection were Fair and cool with temperatures in the mid 30's °F. The short-term forecast includes seasonable temperatures with a chance of precipitation on Monday, December 6, 2021.



CONSTRUCTION MONITORING REPORT

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

Disturbed area and ongoing work (acreage & description):

Approximately 21.25 acres total have been disturbed to date in Leverett and there are approximately 115.48 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	In Progress
10084	No	Completed	Completed	Completed	In Progress
10085	No	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	Yes	Completed	Completed	Completed	In Progress
10091	No	Completed	N/A	Completed	Completed - Monthly
10092	No	Completed	Completed	Completed	Completed - Monthly
10093	No	Completed	Completed	Completed	Completed - Monthly
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	No	Completed	Completed	Completed	In Progress
10108	No	Completed	Completed	Completed	
10109	No	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	No	Completed	Completed	Completed	In Progress
10112	Yes	Completed	Completed	Completed	In Progress
10113	No	Completed	Completed	Completed	
10114	No	Completed	Completed	Completed	
10115	Yes	Completed	Completed	Completed	In Progress
10116	No	Completed	Completed	Completed	
10117	No	Completed	Completed	Completed	
10118	No	Completed	Completed	Completed	
10119	No	Completed	Completed	Completed	
10120	No	Completed	Completed	Completed	
10121	No	Completed	Completed	Completed	
10122	No	Completed	Completed	Completed	
10123	No	Completed	Completed	Completed	
10124	No	Completed	Completed	Completed	
10125	No	Completed	Completed	Completed	
10126	No	Completed	Completed	Completed	
10127	No	Completed	Completed	Completed	
10128	No	Completed	Completed	Completed	
10129	No	Completed	Completed	Completed	
10130	No	Completed	Completed	Completed	
10130.5	No	Completed	N/A	Completed	In Progress
10131	No	Completed	Completed	Completed	
10132	No	Completed	Completed	Completed	
10133	No	Completed	Completed	Completed	
10134	No	Completed	Completed	Completed	
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 Pekoske – 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 - 10095, and 10101.
- STRs 10098 and 10099 were not inspected due to accessibility issues. These sites will be reviewed during the next inspection.
- 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.
- Use sediment controls when dewatering near wetland resource areas.
- Stabilize drilling spoils using seed and mulch or remove according to site conditions.
- Reminder to maintain general housekeeping including removing litter from sites.

Contractor:

- STR 10119 - Sweep mats and refresh erosion controls near stream.

GZA:

- GZA has no additional comments at this time.



CONSTRUCTION MONITORING REPORT

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

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, appearing to read "Joseph Rogers".

Date:

12/06/2021



CONSTRUCTION MONITORING REPORT

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

Photographs



CONSTRUCTION MONITORING REPORT

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



Photo No. 1

STR 10130 facing east.



Photo No. 2

STR 10128 facing north.



Photo No. 3

STR 10123 facing north.



Photo No. 4

STR 10120 facing north.



Photo No. 5

STR 10119 mat sweeping and erosion control repairs are needed, facing north.









Photo No. 6

STR 10115 matted pad removal in progress, facing north.



CONSTRUCTION MONITORING REPORT

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

			
Photo No. 7	STR 10112 partial matted pad removal complete.	Photo No. 8	STR 10110 ghost STR removed.
			
Photo No. 9	STR 10108 facing north.	Photo No. 10	STR 10102 facing north.
			
Photo No. 11	STR 10097 facing north.	Photo No. 12	STR 10090 matted pad removal in progress, facing north.



CONSTRUCTION MONITORING REPORT

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



Photo No. 13

STR 10087 facing west.



Photo No. 14

STR 10085 facing west.



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: 12/07/2021 Time: 13:30-15:40 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: NA ; Duration: NA	
Amount of rainfall (inches) NA	
++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)
Patrick Lord, Environmental Specialist, WPIT, CESSWI	None	Since the previous inspection, the Site has experienced average temperatures and a light rain event on December 6, 2021.	Weather conditions during the inspection were mostly sunny and cold with temperatures in the mid 30's °F. The short-term forecast includes cold temperatures with a chance of mid-week snow showers and a warm rain event over the weekend.



CONSTRUCTION MONITORING REPORT

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

Disturbed area and ongoing work (acreage & description):

Approximately 21.25 acres total have been disturbed to date in Leverett and there are approximately 115.48 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	In Progress
10084	No	Completed	Completed	Completed	In Progress
10085	No	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	In Progress
10091	No	Completed	N/A	Completed	Completed - Monthly
10092	No	Completed	Completed	Completed	Completed - Monthly
10093	No	Completed	Completed	Completed	Completed - Monthly
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	No	Completed	Completed	Completed	In Progress
10108	No	Completed	Completed	Completed	
10109	No	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	No	Completed	Completed	Completed	In Progress
10112	Yes	Completed	Completed	Completed	In Progress
10113	No	Completed	Completed	Completed	
10114	No	Completed	Completed	Completed	
10115	Yes	Completed	Completed	Completed	In Progress
10116	No	Completed	Completed	Completed	
10117	No	Completed	Completed	Completed	
10118	No	Completed	Completed	Completed	
10119	No	Completed	Completed	Completed	
10120	Yes	Completed	Completed	Completed	In Progress
10121	No	Completed	Completed	Completed	
10122	No	Completed	Completed	Completed	
10123	No	Completed	Completed	Completed	
10124	No	Completed	Completed	Completed	
10125	No	Completed	Completed	Completed	
10126	No	Completed	Completed	Completed	
10127	No	Completed	Completed	Completed	
10128	No	Completed	Completed	Completed	
10129	No	Completed	Completed	Completed	
10130	No	Completed	Completed	Completed	
10130.5	No	Completed	N/A	Completed	In Progress
10131	No	Completed	Completed	Completed	
10132	No	Completed	Completed	Completed	
10133	No	Completed	Completed	Completed	
10134	No	Completed	Completed	Completed	
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 - 10095, and 10101.
- A Monthly Inspection was completed at the Structure Sites noted above as part of this report.
- 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.
- Use sediment controls when dewatering near wetland resource areas.
- Stabilize drilling spoils using seed and mulch or remove according to site conditions.
- Reminder to maintain general housekeeping including removing litter from sites.

Contractor:

- STR 10119 - Sweep mats and refresh erosion controls near stream.

GZA:

- GZA has no additional comments at this time.



CONSTRUCTION MONITORING REPORT

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

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 black ink, appearing to read "Patrick W. Jones".

Date:

12/08/2021



CONSTRUCTION MONITORING REPORT

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

Photographs



CONSTRUCTION MONITORING REPORT

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

			
Photo No. 1	STR 10083 looking south.	Photo No. 2	STR 10084 looking south.
			
Photo No. 3	STR 10085 looking south.	Photo No. 4	STR 10086 looking west.
			
Photo No. 5	STR 10087 looking north.	Photo No. 6	STR 10089 looking south.



CONSTRUCTION MONITORING REPORT

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



Photo No. 7

STR 10090 looking north.



Photo No. 8

STR 10092 looking south.



Photo No. 9

STR 10093 looking south.



Photo No. 10

STR 10094 looking north.



Photo No. 11

STR 10095 looking south.



Photo No. 12

STR 10097 looking south.



CONSTRUCTION MONITORING REPORT

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



Photo No. 13

STR 10098 looking south.



Photo No. 14

STR 10100 looking north.



Photo No. 15

STR 10102 looking south.



Photo No. 16

STR 10105 looking south.



Photo No. 17

STR 10107 looking north.



Photo No. 18

STR 10108 looking south.



CONSTRUCTION MONITORING REPORT

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



Photo No. 19

STR 10110 looking north.



Photo No. 20

STR 10111 looking north.



Photo No. 21

STR 10112 civil restoration in progress,
looking south.



Photo No. 22

STR 10113 looking north.



Photo No. 23

STR 10114 looking north.









Photo No. 24

STR 10115 civil restoration in progress,
looking south.



CONSTRUCTION MONITORING REPORT

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

			
Photo No. 25	STR 10116 looking north.	Photo No. 26	STR 10117 looking north.
			
Photo No. 27	STR 10119 looking south.	Photo No. 28	Matted pad at STR 10119, gravel cleanup and erosion control repairs are needed.
			
Photo No. 29	STR 10120 removal of pull pad in progress, looking north.	Photo No. 30	STR 10123 looking north.



CONSTRUCTION MONITORING REPORT

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



Photo No. 31

STR 10124 looking south.



Photo No. 32

STR 10126 looking south. Restoration crew cleaning up debris.



Photo No. 33

STR 10127 looking south.



Photo No. 34

STR 10129 looking north.



Photo No. 35

STR 10130 looking south.



Photo No. 36

STR 10134 looking 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: 12/13/2021 Time: 09:45-12:45 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: 12/11/21 07:52 - 12/11/21 23:52 ; Duration: 18 hrs.	
Amount of rainfall (inches) 0.70"	
++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	None	Since the previous inspection, the Site has experienced average temperatures and a rain event on December 11, 2021 which triggered this inspection.	Weather conditions during the inspection were mostly sunny and mild with temperatures in the mid 40's °F. The short-term forecast includes cold temperatures with a chance of mid-week mixed precipitation.



CONSTRUCTION MONITORING REPORT

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

Disturbed area and ongoing work (acreage & description):

Approximately 21.25 acres total have been disturbed to date in Leverett and there are approximately 118.36 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	In Progress
10084	No	Completed	Completed	Completed	In Progress
10085	No	Completed	Completed	Completed	In Progress
10086	No	Completed	Completed	Completed	In Progress
10087	No	Completed	Completed	Completed	In Progress
10088	No	N/A	N/A	Completed	
10089	No	Completed	Completed	Completed	
10090	No	Completed	Completed	Completed	In Progress
10091	No	Completed	N/A	Completed	Completed - Monthly
10092	No	Completed	Completed	Completed	Completed - Monthly
10093	No	Completed	Completed	Completed	Completed - Monthly
10094	No	Completed	Completed	Completed	Completed - Monthly
10095	No	Completed	N/A	Completed	Completed - Monthly
10096	No	Completed	Completed	Completed	Completed - Monthly
10097	No	Completed	Completed	Completed	Completed - Monthly
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	No	Completed	Completed	Completed	In Progress
10108	No	Completed	Completed	Completed	
10109	No	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	No	Completed	Completed	Completed	In Progress
10112	No	Completed	Completed	Completed	In Progress
10113	No	Completed	Completed	Completed	
10114	No	Completed	Completed	Completed	
10115	No	Completed	Completed	Completed	In Progress
10116	No	Completed	Completed	Completed	
10117	No	Completed	Completed	Completed	In Progress
10118	No	Completed	Completed	Completed	In Progress
10119	No	Completed	Completed	Completed	In Progress
10120	No	Completed	Completed	Completed	In Progress
10121	No	Completed	Completed	Completed	
10122	No	Completed	Completed	Completed	
10123	No	Completed	Completed	Completed	
10124	No	Completed	Completed	Completed	
10125	No	Completed	Completed	Completed	
10126	No	Completed	Completed	Completed	
10127	No	Completed	Completed	Completed	
10128	No	Completed	Completed	Completed	
10129	No	Completed	Completed	Completed	
10130	No	Completed	Completed	Completed	
10130.5	No	Completed	N/A	Completed	In Progress
10131	No	Completed	Completed	Completed	
10132	No	Completed	Completed	Completed	
10133	No	Completed	Completed	Completed	
10134	No	Completed	Completed	Completed	
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



CONSTRUCTION MONITORING REPORT

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

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 - 10095, and 10101.
- A Monthly Inspection was completed at the Structure Sites noted above as part of this report.
- 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.
- Use sediment controls when dewatering near wetland resource areas.
- Stabilize drilling spoils using seed and mulch or remove according to site conditions.
- Reminder to maintain general housekeeping including removing litter from sites.

Contractor:

- STR 10119 - Sweep mats and refresh erosion controls near stream.

GZA:

- GZA has no additional comments at this time.



CONSTRUCTION MONITORING REPORT

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

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, appearing to read "Joseph Rogers".

Date:

12/13/2021



CONSTRUCTION MONITORING REPORT

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

Photographs



CONSTRUCTION MONITORING REPORT

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



Photo No. 1

STR 10084 facing south.



Photo No. 2

STR 10087 facing north.



Photo No. 3

STR 10090 facing south..



Photo No. 4

STR 10097 facing south.



Photo No. 5

STR 10100 facing north.



Photo No. 6

STR 10105 facing east.



CONSTRUCTION MONITORING REPORT

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



Photo No. 7

STR 10111 facing north.



Photo No. 8

STR 10115 facing north.



Photo No. 9

STR 10119 sweep mats over stream and replace erosion controls.



Photo No. 10

STR 10123 facing north.



Photo No. 11

STR 10132 facing east.



Photo No. 12

STR 10128 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: 12/16/2021 Time: 13:45-15:00 HRS Eastern" 12/17/2021 Time: 9:00-10:15 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: 12/15/21 21:52 - 12/16/21 06:52 ; Duration: 10 hrs.	
Amount of rainfall (inches) 0.43"	
++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	None	Since the previous inspection, the Site has experienced average temperatures and a rain event on December 16, 2021 which triggered this inspection.	Weather conditions during the inspection were mostly cloudy and mild with temperatures in the upper 50's °F. The short-term forecast includes cool temperatures with a chance of mixed precipitation on Saturday 12/18.



CONSTRUCTION MONITORING REPORT

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

Disturbed area and ongoing work (acreage & description):

Approximately 21.25 acres total have been disturbed to date in Leverett and there are approximately 118.61 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	In Progress
10084	No	Completed	Completed	Completed	In Progress
10085	No	Completed	Completed	Completed	In Progress
10086	No	Completed	Completed	Completed	Completed - Monthly
10087	No	Completed	Completed	Completed	In Progress
10088	No	N/A	N/A	Completed	
10089	No	Completed	Completed	Completed	
10090	No	Completed	Completed	Completed	In Progress
10091	No	Completed	N/A	Completed	Completed
10092	No	Completed	Completed	Completed	Completed
10093	No	Completed	Completed	Completed	Completed
10094	No	Completed	Completed	Completed	Completed
10095	No	Completed	N/A	Completed	Completed
10096	No	Completed	Completed	Completed	Completed - Monthly
10097	No	Completed	Completed	Completed	Completed - Monthly
10098	No	Completed	N/A	Completed	
10099	No	Completed	Completed	Completed	
10100	No	Completed	Completed	Completed	Completed - Monthly
10101	No	Completed	N/A	Completed	Completed
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	No	Completed	Completed	Completed	In Progress
10108	No	Completed	Completed	Completed	
10109	No	Completed	Completed	Completed	In Progress
10110	No	Completed	Completed	Completed	In Progress



CONSTRUCTION MONITORING REPORT

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

Structure	Activity	Civil	Drilling	Line Work	Restored/Stabilized
10111	No	Completed	Completed	Completed	In Progress
10112	No	Completed	Completed	Completed	Completed - Monthly
10113	No	Completed	Completed	Completed	Completed
10114	No	Completed	Completed	Completed	Completed
10115	No	Completed	Completed	Completed	In Progress
10116	No	Completed	Completed	Completed	
10117	No	Completed	Completed	Completed	In Progress
10118	No	Completed	Completed	Completed	In Progress
10119	No	Completed	Completed	Completed	In Progress
10120	No	Completed	Completed	Completed	In Progress
10121	No	Completed	Completed	Completed	
10122	No	Completed	Completed	Completed	
10123	No	Completed	Completed	Completed	
10124	No	Completed	Completed	Completed	
10125	No	Completed	Completed	Completed	
10126	No	Completed	Completed	Completed	
10127	No	Completed	Completed	Completed	
10128	No	Completed	Completed	Completed	
10129	No	Completed	Completed	Completed	
10130	No	Completed	Completed	Completed	
10130.5	No	Completed	N/A	Completed	In Progress
10131	No	Completed	Completed	Completed	
10132	No	Completed	Completed	Completed	
10133	No	Completed	Completed	Completed	
10134	No	Completed	Completed	Completed	
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 Pekoske – 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



CONSTRUCTION MONITORING REPORT

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

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 - 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.
- Use sediment controls when dewatering near wetland resource areas.
- Stabilize drilling spoils using seed and mulch or remove according to site conditions.
- Reminder to maintain general housekeeping including removing litter from sites.

Contractor:

- STR 10119 - Mats were swept and erosion controls refreshed near stream.

GZA:

- GZA has no additional comments at this time.

CERTIFICATION:



CONSTRUCTION MONITORING REPORT

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

"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, appearing to read 'Joseph Rogers'.

Date:

12/16/2021



CONSTRUCTION MONITORING REPORT

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

Photographs



CONSTRUCTION MONITORING REPORT

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



Photo No. 1

STR 10083 facing south.



Photo No. 2

STR 10086 facing east.



Photo No. 3

STR 10090 facing south.



Photo No. 4

STR 10097 facing south.



Photo No. 5

STR 10102 facing north.









Photo No. 6

STR 10106 facing south.



CONSTRUCTION MONITORING REPORT

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

			
Photo No. 7	STR 10110 facing south.	Photo No. 8	STR 10112 facing west.
			
Photo No. 9	STR 10116 facing north.	Photo No. 10	STR 10119 mats swept and erosion control refreshed, facing north.
			
Photo No. 11	STR 10120 facing south.	Photo No. 12	STR 10122 facing south.



CONSTRUCTION MONITORING REPORT

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



Photo No. 13

STR 10126 facing north.



Photo No. 14

STR 10132 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):	Storm Event +
Date: 12/20/2021 Time: 10:45-12:00 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: 12/18/21 13:52 - 12/19/21 03:52 ; Duration: 15 hrs.	
Amount of rainfall (inches) 0.42"	
++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	None	Since the previous inspection, the Site has experienced above average temperatures and a rain event on December 18, 2021 which triggered this inspection.	Weather conditions during the inspection were mostly sunny and cold with temperatures in the mid 30's °F. The short-term forecast includes cold temperatures and dry weather through Saturday 12/25.



CONSTRUCTION MONITORING REPORT

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

Disturbed area and ongoing work (acreage & description):

Approximately 21.25 acres total have been disturbed to date in Leverett and 1.83 acres have been restored and achieved final stabilization. There are approximately 116.43 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	In Progress
10084	No	Completed	Completed	Completed	In Progress
10085	No	Completed	Completed	Completed	In Progress
10086	No	Completed	Completed	Completed	Completed - Monthly
10087	No	Completed	Completed	Completed	In Progress
10088	No	N/A	N/A	Completed	
10089	No	Completed	Completed	Completed	
10090	No	Completed	Completed	Completed	In Progress
10091	No	Completed	N/A	Completed	Completed
10092	No	Completed	Completed	Completed	Completed
10093	No	Completed	Completed	Completed	Completed
10094	No	Completed	Completed	Completed	Completed
10095	No	Completed	N/A	Completed	Completed
10096	No	Completed	Completed	Completed	Completed - Monthly
10097	No	Completed	Completed	Completed	Completed - Monthly
10098	No	Completed	N/A	Completed	
10099	No	Completed	Completed	Completed	
10100	No	Completed	Completed	Completed	Completed - Monthly
10101	No	Completed	N/A	Completed	Completed
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	No	Completed	Completed	Completed	In Progress
10108	No	Completed	Completed	Completed	
10109	No	Completed	Completed	Completed	In Progress
10110	No	Completed	Completed	Completed	In Progress



CONSTRUCTION MONITORING REPORT

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Structure	Activity	Civil	Drilling	Line Work	Restored/Stabilized
10111	No	Completed	Completed	Completed	In Progress
10112	No	Completed	Completed	Completed	Completed - Monthly
10113	No	Completed	Completed	Completed	Completed
10114	No	Completed	Completed	Completed	Completed
10115	No	Completed	Completed	Completed	In Progress
10116	No	Completed	Completed	Completed	
10117	No	Completed	Completed	Completed	In Progress
10118	No	Completed	Completed	Completed	In Progress
10119	No	Completed	Completed	Completed	In Progress
10120	No	Completed	Completed	Completed	In Progress
10121	No	Completed	Completed	Completed	
10122	No	Completed	Completed	Completed	
10123	No	Completed	Completed	Completed	
10124	No	Completed	Completed	Completed	
10125	No	Completed	Completed	Completed	
10126	No	Completed	Completed	Completed	
10127	No	Completed	Completed	Completed	
10128	No	Completed	Completed	Completed	
10129	No	Completed	Completed	Completed	
10130	No	Completed	Completed	Completed	
10130.5	No	Completed	N/A	Completed	In Progress
10131	No	Completed	Completed	Completed	
10132	No	Completed	Completed	Completed	
10133	No	Completed	Completed	Completed	
10134	No	Completed	Completed	Completed	
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 Pekoske – 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:**

- Final stabilization has been achieved at STRs: 10091 - 10095, 10101, 10113
- Monthly Inspections will take place at the following restored sites until permanent stabilization is achieved: STRs 10096 and 10100.
- 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.
- Use sediment controls when dewatering near wetland resource areas.
- Stabilize drilling spoils using seed and mulch or remove according to site conditions.
- Reminder to maintain general housekeeping including removing litter from sites.

Contractor:

- There are no specific Contractor comments at this time.

GZA:

- GZA has no additional comments at this time.



CONSTRUCTION MONITORING REPORT

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

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, appearing to read 'Joseph Rogers'.

Date:

12/20/2021



CONSTRUCTION MONITORING REPORT







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Photographs



CONSTRUCTION MONITORING REPORT

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Photo No. 1		STR 10084 facing south.		Photo No. 2		STR 10087 facing north.	
							
Photo No. 3		STR 10088 facing north.		Photo No. 4		STR 10098 facing west.	
							
Photo No. 5		STR 10099 facing north.		Photo No. 6		STR 10108 facing east.	



CONSTRUCTION MONITORING REPORT

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Photo No. 7

STR 10114 facing east.



Photo No. 8

STR 10118 facing north.



Photo No. 9

STR 10123 facing north.



Photo No. 10

STR 10127 facing north.



Photo No. 11

STR 10131 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: 12/27/2021 Time: 09:15-10:30 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: 12/25/21 05:52 - 12/26/21 02:52 ; Duration: 21 hrs.	
Amount of rainfall (inches) 0.50"	
++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	None	Since the previous inspection, the Site has experienced above average temperatures and a rain event between December 25-26, 2021 which triggered this inspection.	Weather conditions during the inspection were mostly cloudy and cold with temperatures in the mid 30's °F. The short-term forecast includes cold temperatures with intermittent snow and rain showers possible throughout the week.



CONSTRUCTION MONITORING REPORT

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Disturbed area and ongoing work (acreage & description):

Approximately 21.25 acres total have been disturbed to date in Leverett and 1.83 acres have been restored and achieved final stabilization. There are 120.51 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	In Progress
10084	No	Completed	Completed	Completed	In Progress
10085	No	Completed	Completed	Completed	In Progress
10086	No	Completed	Completed	Completed	Completed - Monthly
10087	No	Completed	Completed	Completed	In Progress
10088	No	N/A	N/A	Completed	
10089	No	Completed	Completed	Completed	
10090	No	Completed	Completed	Completed	In Progress
10091	No	Completed	N/A	Completed	Completed
10092	No	Completed	Completed	Completed	Completed
10093	No	Completed	Completed	Completed	Completed
10094	No	Completed	Completed	Completed	Completed
10095	No	Completed	N/A	Completed	Completed
10096	No	Completed	Completed	Completed	Completed - Monthly
10097	No	Completed	Completed	Completed	Completed - Monthly
10098	No	Completed	N/A	Completed	
10099	No	Completed	Completed	Completed	
10100	No	Completed	Completed	Completed	Completed - Monthly
10101	No	Completed	N/A	Completed	Completed
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	No	Completed	Completed	Completed	In Progress
10108	No	Completed	Completed	Completed	
10109	No	Completed	Completed	Completed	In Progress
10110	No	Completed	Completed	Completed	In Progress



CONSTRUCTION MONITORING REPORT

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

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



CONSTRUCTION MONITORING REPORT

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6 - Project Team

Project Team

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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
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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
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



CONSTRUCTION MONITORING REPORT

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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:

- Final stabilization has been achieved at STRs: 10091 - 10095, 10101, 10113
- Monthly Inspections will take place at the following restored sites until permanent stabilization is achieved: STRs 10096, 10100, and 10112.
- 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.
- Stabilize drilling spoils using seed and mulch or remove according to site conditions.
- Reminder to maintain general housekeeping including removing litter from sites.

Contractor:

- There are no specific Contractor comments at this time.

GZA:

- GZA has no additional comments at this time.

CERTIFICATION:



CONSTRUCTION MONITORING REPORT

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

"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:

A handwritten signature in blue ink, appearing to read 'Joseph Rogers'.

Date:

12/28/2021



CONSTRUCTION MONITORING REPORT

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Photographs



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Photo No. 1

STR 10083 facing south.



Photo No. 2

STR 10085 facing south.



Photo No. 3

STR 10086 facing west.



Photo No. 4

STR 10090 facing south.



Photo No. 5

STR 10097 facing south.



Photo No. 6

STR 10103 facing south.



CONSTRUCTION MONITORING REPORT

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



Photo No. 7

STR 10106 facing south.



Photo No. 8

STR 10115 facing north.



Photo No. 9

STR 10120 facing south.



Photo No. 10

STR 10122 facing north.



Photo No. 11

STR 10126 facing south.



Photo No. 12

STR 10131 facing north.