



September 27, 2016

Mr. Michael Adams  
U.S. Army Corps of Engineers  
11 Lincoln Street, Room 210  
Essex Junction, VT 05452

**Re: NAE-2012-0123\_VT Gas Systems ARNGP Phase I Bi-weekly Report**

Dear Mr. Adams,

We are providing you with the bi-weekly report as required by special condition 14 of permit NAE-2012-0123.

**Reporting Period: September 4, 2016 through September 17, 2016.**

**Weather Conditions:**

Temperatures throughout the reporting period were relatively warm with nine of the fourteen days reaching a high temperature greater than 80 degrees and only one of the fourteen days reaching a high temperature just under 70 degrees. Temperatures generally ranged from the mid 40's to low 70's for the nighttime lows, and high 60's to upper 80's for the daytime highs. The only significant precipitation events were on September 7, 2016 and September 11, 2016 with 0.11" and 0.46" of rain, respectively. No issues were observed as a result of these precipitation events.

**Construction Status:**

**1. Drilling and Blasting Summary:**

No drilling and blasting took place during the reporting period.

**2. HDD Summary:**

Laplatte River (675 LF): **Complete.**

Drinkwater Road Complex (1,545 LF): **Complete.**

Lewis Creek (2,615 LF): **Complete.**

Monkton Swamp (2,925 LF): **Complete.**

Monkton Road/Arc Site VT-AD-1560 (900 LF): **Complete.**

Arch Site VT-AD-1562 (365 LF): **Complete.**

Arch Site VT-AD-806 (1,040 LF): **Complete.**

New Haven River (530 LF): **Complete.**

Little Otter Creek (1,675 LF): **Complete.**

Add HDD Hurricane Lane (900 LF): **Complete.**

Add HDD Peyser Sunflower (1,100 LF): Pilot hole complete. **Complete**

Add HDD US Route 7 Dragon Property (500 LF): **Complete.**

Add HDD Hinesburg Geprags Park: No work to date. Still Pending

### **3. General Pipe Installation Summary:**

Grading: 30 miles complete

Stringing: 30 miles complete

Welding: 30 miles complete

Coating: 30 miles complete

Ditching/trenching: 28 miles complete

Lowering & installed: 28 miles complete

Cleanup & Restoration: 12 miles complete

### **Permit Related Issues Observed:**

1. None

### **Erosion Protection and Sediment Control:**

1. For additional construction status information, EPSC measures installed, and other environmental recommendations please refer to EPSC Reports by Michael Ingram, project EPSC Specialist.

Please let me know if you have any questions.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Joey Wilson', with a long horizontal flourish extending to the right.

Joey Wilson, P.E.



Photograph 1: Stream 2012-TB/SC-RS-3 crossing between Hollow Road and Post Road in Monkton is complete and restored. Stream is located at Station 1406+00. Stream was dry at the time of the crossing and remains dry as of the date of this report.



Photograph 2: Backfill between Hollow Road and Post Road in Monkton. Trench breaker shown in foreground. Utilizing shaker bucket to sift out material being placed in the backfill.



Photograph 3: Reviewing environmental layout in the field during look ahead prior to excavation of Stream 2012-SC-RS-5. Stream located at station 1635+00.



Photograph 4: Working off timber mats in stream buffer as excavation approaches stream 2012-SC-RS-5.



Photograph 5: Pipe installation leading into the Red Maple/Green Ash Swamp.



Photograph 6: Conditions were extremely challenging in the Red Maple/Green Ash Swamp. Crews continued to work off timber mats and managed to keep materials within the work limits to the best of their ability.



Photograph 7: New Haven Swamp viewed from the north facing south. No excavation to date.



Photograph 8: New Haven Swamp viewed from the south facing north. No excavation to date.



Photograph 9: River Road tie-in to the New Haven River HDD.