

# GREEN MOUNTAIN ENGINEERING, INC.

1438 South Brownell Road

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## Town of Monkton, VT - VGS Oversight GME Project No. 26-012

### Field Report

July 27, 2016

**LOCATION(s):** Parks Hurlburt Road Access; Old Stage Road; Monkton Road; Post Road Access; Hollow Road Access; Rotax Road Access

### ONSITE:

Monkton Road:	Post Road Access:	Hollow Road:
Matthew R. Gardner, GME	Matthew R. Gardner, GME	Matthew R. Gardner, GME
(1) Drill	(1) Michels Pipelayer	(1) Michels Pipelayer
(1) Michels Pipelayer	(1) Excavator	Welding equipment
(1) Drilling Mud pump		
Welding equipment		
(1) Michels School bus		
Ted Foltz		
Michels Formean- Steven Sanders		

### WEATHER:

75 °F, Sunny

### GME HOURS ON SITE:

9:35 – 11:35am

### WORK OBSERVED:

No activities were observed on-site at Parks Hurlburt Road Access or Old Stage Road.

### Monkton Road:

- Michels crew is still at approx. Sta. 1472+00 to the Archaeology site (Sta. 1468+50) with all their equipment for drilling under the Monkton Swamp.
- Ted Foltz sent Matthew Gardner a text this morning letting him know that they drilled 517 feet on Tuesday and they are at a total of 817 feet drilled.
- The drill needed to be fixed this morning but they are back to drilling.
- They are at a depth of 40 feet below the swamp and apparently it is very soft material.
- State requires the drill to be at least 25 feet below peat but they have no way to know if they are because the state didn't allow borings but Ted Foltz is pretty sure they are.

- The material is apparently so soft that the drill was going too deep (angle of the drill changed 2 degrees on two joints). They were taking out the drill to put on a new drill bit that would level them out at 40 feet below the swamp so they don't get any deeper.
- They were only pumping 30 gals/min of drilling mud because of the soft material.
- They are still expecting the pipe materials to arrive next week.
- Michels crew also from approx. Sta. 1475+00 to Sta. 1478+00 welding pipe.

Post Road Access:

- Michels crew at approx. Sta. 1427+00 to Sta. 1435+00 laying out the pipe that will be getting pulled under the Monkton Swamp

Hollow Road:

- Michels crew at approx. Sta. 1398+00 welding and moving equipment.
- Fences are up at approx. Sta. 1391+00 and have signs that say: "No Foot Traffic Without Permission" and "NO VEHICLES PAST This Point Without Permission". The fence and signs are part of the Harsh Sunflower Avoidance Plan.

Rotax Road Access:

- Michels crew at approx. Sta. 1333+00 welding pipes.

**OTHER:** No other interaction

**ONSITE OBSERVATION PHOTOS:**



Looking south from Parks-Hurlburt Road approx. Sta. 1588+50



Looking north from Parks-Hurlburt Road approx. Sta. 1588+50





Looking north from approx. Sta. 1620+00



Looking south from approx. Sta. 1620+00





Looking south from Monkton Road approx. Sta. 1491+00



Looking north from Monkton Road approx. Sta. 1491+00





Looking north from approx. Sta. 1485+00



Looking north from approx. Sta. 1485+00





Looking south from approx. Sta. 1476+00



Looking north from approx. Sta. 1476+00





Looking south from approx. Sta. 1474+00



Looking north from approx. Sta. 1474+00





Looking north from approx. Sta. 1468+00



Looking west from approx. Sta. 1468+25





Looking south from Post Road access at approx. Sta. 1424+40



Looking north from Post Road access at approx. Sta. 1424+40





Looking south from approx. Sta. 1396+00



Looking north from approx. Sta. 1396+00





Looking south from approx. Sta. 1391+50



Looking north from approx. Sta. 1391+50





Looking west from Rotax Road from approx. Sta. 1294+00.



Looking east from Rotax Road from approx. Sta. 1294+00.





Looking south from approx. Sta. 1309+50



Looking north from approx. Sta. 1309+50