

## FIELD REPORT

Nitsch Project #:	12808	Date:	01/10/2020
Client:	Pine Hill Village, LLC	Time:	12:00 PM
Project:	Pine Hill Development	Location:	Harvard, Massachusetts
Weather:	65°F		
Present:	Gavin Graham – Nitsch Engineering		

This site visit was to check on the status of the erosion control for the intermittent stream and observe the installation of the culvert. Nitsch Engineering noted the installation of the concrete culvert had made significant progress at the time of the site visit.

- 1) At the time of the site visit, Nitsch Engineering observed that the stream and snow melt water running clear and free of sediment at the downstream portion of the culvert;
- 2) Nitsch Engineering observed that the culvert footing location was excavated and filled with gravel per the plans. The culvert sections were being installed per the plan; and
- 3) Nitsch Engineering observed that the stream diversion in place was functioning.



Figure 1



Figure 2



Figure 3  
Downstream Outlet



Figure 4  
Downstream



Figure 5  
Upstream Inlet



Figure 6

Past Recommended Items to be Completed:

1. Completed – Contractor to install additional straw wattle on downstream section of intermittent stream; and
2. Completed – Stabilized construction entrance needs to be replenished with fresh gravel.

New Recommended Items to be Completed:

1. n/a

Ongoing Recommendations:

1. Contractor to maintain stabilized construction entrance;
2. Contractor to maintain erosion control barriers; and
3. Developer must provide all parties with weekly updates including construction sequences and a detailed schedule, per conversation with the Town of Harvard. This includes contractors who are working on the site, the Town of Harvard, and representatives of Nitsch Engineering.

If there are any questions, please do not hesitate to contact:

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