

## FIELD REPORT

Nitsch Project #:	12808	Date:	August 5, 2020
Client:	Pine Hill Village, LLC	Time:	9:00 AM
Project:	Pine Hill Development	Location:	Harvard, Massachusetts
Weather:	Sunny + 75°F		
Present:	Gavin Graham, Nitsch Engineering		

---

The purpose of this site visit was to observe general site condition, observe general construction activities, and to observe erosion and sedimentation control measures. This site visit satisfies the weekly site visit requirement by Nitsch Engineering. The Developer has been working on construction of houses, septic in Pine Bank, and continuing work on the electrical utilities.

The following was noted:

1. Sediment washout was observed in drainage inlets. Nitsch Engineering recommends to jet clean these pipes and to add erosion control in front of these inlets to stop sediment from entering the drainage system.



Picture 1 – Sediment buildup around flared end inlet which drains to constructed wetland.



Picture 2 – Sediment entering constructed wetland from upstream inlets.



Picture 3 – Some sediment is shown crossing over erosion control barrier offsite. It is recommended hay wattles be replaced on both sides of fence.



Picture 4 – Erosion control barrier has been damaged.

1. Nitsch Engineering recommends that the erosion control barriers be replaced where sediment is washing out offsite. Nitsch Engineering recommends that the sediment that washed through the erosion control barrier be removed and disposed of properly.

Past Recommended Items to be Completed:

1. -

New Recommended Items to be Completed:

1. Remove and dispose of sediment from drainage inlets/outlet and within pipe and dispose of properly;
2. Place erosion control at inlets to drainage system; and
3. Replenish hay wattles at erosion control barriers where sediment is flowing off site.

Ongoing Recommendations:

1. Contractor to maintain stabilized construction entrance; and
2. Contractor to repair and maintain erosion control barriers that are damaged.

*Gavin Graham*

---

Gavin Graham  
Project Designer

GNG/ajc

Disclaimer: Nitsch Engineering performed this site visit in compliance with the guidelines and requirements of the Commonwealth of Massachusetts COVID-19 Guidelines and Procedures for All Construction Sites and Workers at All Public Work dated March 2020 (COVID-Construction Safety Guidance) and with the COVID-19 guidelines and requirements issued by the CDC and OSHA. However, Nitsch Engineering's services DO NOT include observations for compliance of the general contractor and/or the construction site with the COVID-19 Construction Safety Guidance and with the COVID-19 guidelines and requirements issued by the CDC and OSHA. Jobsite/worker safety duties belong with the general contractor who has control of the jobsite and responsibility for constructing the project, including the implementation and compliance of the COVID-19 Construction Safety Guidance. Neither the professional activities of Nitsch Engineering, nor the presence of Nitsch Engineering or its employees and subconsultants at a construction/project site, imposes any duty on Nitsch Engineering, nor relieve the General Contractor of its obligations, duties and responsibilities including health or safety precautions required by any regulatory agencies.