

2023 MAPSS/MAWS NATURAL RESOURCES WORKSHOP

Wednesday, September 13, 2023

Pineland Farms 25 Campus Drive New Gloucester, Maine

8:30 am - 4:00 pm

The 2023 MAPSS/MAWS Natural Resources Workshop will be held at Pineland Farms in New Gloucester, Maine, on Wednesday, September 13, 2023, from 8:30 am until 4:00 pm. Check-in will be at the **Outdoor & Fitness Center at 25 Campus Drive from 8:30 to 9:00 am.**

About Pineland Farms: Pineland Farms is a 5,000-acre working farm, diverse business campus and educational and recreational venue that welcomes visitors to enjoy its beautiful rural landscape. There is a Market and Welcome Center for more information about activities and events, the farm provides self-guided tour and educational programs. There's always something fun happening at Pineland Farm including farm visits, disc golf tournaments, family programs, tastings at the Market, open gym and candlepin bowling, you name it. You can take the family, some friends, or enjoy a personal day on the farm, trails, and gardens. **Please Note:** to ensure the safety of all our visitors and our farm animals Pineland Farms **does not allow dogs** on the premises.

Workshop: The goal of this workshop is to train environmental scientists, students, and the regulating communities in identification of natural resources and to facilitate a discussion of permitting scenarios based on the resources observed at the site. We expect to have between 50 and 120 people attending the event. Be prepared for field conditions such as rain or hot weather.

Attendees will **FIRST** check in at the Outdoor and Fitness Center. From there please spread out to the two Sites on the campus. They are both within walking distance. **ONCE YOU PARK AT THE OUTDOOR & FITNESS CENTER YOU DO NOT NEED TO DRIVE AGAIN.**

Site 1 is located north and behind the Outdoor and Fitness Center (very short walk to this one).

Site 2 is a short walk to the east, crossing Route 231 into the large field ("Oak Hill trails").

We will cover topics such as wetland boundary delineation, significant vernal pool determination (including is there an "outlet"), a stream determination, prime farmland soil identification and boundary determination, discussions around soil/site suitability for stormwater management, hydric soil determination, site evaluation determinations (can you design a septic system here), and pedon descriptions.

1. **Lunch is on your own at the Outdoor & Fitness Center.** However, we encourage visitors to take advantage of the Pineland Farms Market where you can purchase food before or during lunch or grab dinner and a drink to take home with you after the workshop. A link for the market: <https://pinelandfarms.org/experience/visit-the-market-at-pineland-farms/>

2. **Post-lunch discussion will begin at 1:00 at the Outdoor & Fitness Center** where we will discuss the features viewed at each station, including determinations by State and federal regulators and experts.

These are challenging sites that will generate lively discussion. Experts as well as State and Federal Regulators will be present to answer questions and provide valuable guidance for dealing with these challenging sites and soil conditions.

Please remove your boots before entering the Outdoor & Fitness Center. With the wet summer, the pits will be muddy.

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Pineland Farms in New Gloucester, Maine

Site 1:

Site 1 Pit 1 Items to Review:

- Soil Parent Material & Soil Series?
- Prime Farmland Soil?
- Suitable as a stormwater BMP vegetated buffer?
- Hydrologic Soil Group?
- Site Evaluation Profile and Soil Condition?

Site 1 Pit 2 Items to Review:

- Soil Parent Material & Soil Series?
- Prime Farmland Soil?
- Suitable as a stormwater BMP vegetated buffer?
- Hydrologic Soil Group?
- Site Evaluation Profile and Soil Condition?

Site 1 Pit 3: Wetland Items to Review:

- Is this a wetland?
 - If yes, where is the boundary?
 - Cowardin Classification?
- Is this a vernal pool? If yes:
 - Can it be significant?
 - Natural, Natural Modified, or Human Made?
 - Is there an “outlet”, would check that box on the MDIFW VP form?
- Soil Parent Material & Soil Series?
- Prime Farmland Soil?
- Suitable as a stormwater BMP vegetated buffer?
- Hydrologic Soil Group?

Site 2:

Site 2 Pit 1 Items to Review:

- Soil Parent Material & Soil Series?
- Prime Farmland Soil?
- Suitable as a stormwater BMP vegetated buffer?
- Hydrologic Soil Group?
- Site Evaluation Profile and Soil Condition?

Site 2 Pit 2 Items to Review:

- Soil Parent Material & Soil Series?
- Prime Farmland Soil?
- Suitable as a stormwater BMP vegetated buffer?
- Hydrologic Soil Group?
- Site Evaluation Profile and Soil Condition?

Site 2 Pit 3 Items to Review:

- Soil Parent Material & Soil Series?

- Prime Farmland Soil?
- Suitable as a stormwater BMP vegetated buffer?
- Hydrologic Soil Group?
- Site Evaluation Profile and Soil Condition?

Site 2 Pit 4 Items to Review:

- Soil Parent Material & Soil Series?
- Prime Farmland Soil?
- Suitable as a stormwater BMP vegetated buffer?
- Hydrologic Soil Group?
- Site Evaluation Profile and Soil Condition?

Site 2 Pit 5 Items to Review:

- Soil Parent Material & Soil Series?
- Prime Farmland Soil?
- Suitable as a stormwater BMP vegetated buffer?
- Hydrologic Soil Group?
- Site Evaluation Profile and Soil Condition?
- Wetland?

Site 2 Pit 6 Items to Review:

- Soil Parent Material & Soil Series?
- Prime Farmland Soil?
- Suitable as a stormwater BMP vegetated buffer?
- Hydrologic Soil Group?
- Site Evaluation Profile and Soil Condition?

Site 2 Pit 7 Items to Review:

- Soil Parent Material & Soil Series?
- Prime Farmland Soil?
- Suitable as a stormwater BMP vegetated buffer?
- Hydrologic Soil Group?
- Site Evaluation Profile and Soil Condition?
- Wetland?

Site 2 Pit 8 Items to Review:

- Soil Parent Material & Soil Series?
- Prime Farmland Soil?
- Suitable as a stormwater BMP vegetated buffer?
- Hydrologic Soil Group?
- Site Evaluation Profile and Soil Condition?

Site 2 Items to Review:

- Is this a wetland?
 - If yes, where is the boundary?
 - Cowardin Classification(s)?
- Two stream determinations.
- Is the Pond a Regulated Feature?

