



# LEGEND

- SITE BOUNDARY
- STREAM WITH 50' STREAM BUFFER
- 100 YEAR FLOODPLAIN
- SOILS DELINEATION LINE
- SOILS TYPE/NAME
- EXISTING WETLANDS
- EXISTING WETLAND BUFFER
- EXISTING TOPOGRAPHY
- EXISTING FOREST STAND OR TREE LINE
- EXISTING FOREST CONSERVATION EASEMENT
- SLOPES 15% TO 25%
- SLOPES 25% OR GREATER

# SOILS TABLE

MAP UNIT SYMBOL	MAP UNIT NAME	K FACTOR	HYDRIC RATING	HSG	DRAINAGE CLASS
BcB	Baile-Glenville silt loams, 0 to 8% slopes	0.37	Yes	C/D	Poorly Drained
BkD	Brinklow-Blocktown channery loams 15% to 25% slopes	0.20	No	C	Well Drained
HdA	Flatboro-Codorus silt loams, 0 to 3% Slopes	0.43	Yes	B/D	Poorly Drained
HyD	Hyattstown-Linganore channery silt loams, 15 to 25% slopes	0.24	No	D	Well Drained
LyB	Linganore-Hyattstown channery silt loams, 3 to 8% slopes	0.24	No	C	Well Drained
LyC	Linganore-Hyattstown channery silt loams, 8 to 15% slopes	0.24	No	C	Well Drained
MeC	Mt. Airy channery loam, 8 to 15% slopes	0.17	No	C	Well Drained

REVISION	DATE	REVISION	DATE

**Owner / Applicant**  
Knowledge Farms Partners, LLC  
10087 Tyler Court, Suite 2  
Ijamsville, Maryland 21754  
  
Contacts: Chad Tyler & Michael Kalinock  
Phone: 301-831-8575

## NATURAL FEATURES MAP

### MXD Phase 1 Application

**Terra Solutions Engineering, LLC**  
Commercial & Residential Land Planning and Engineering  
5216 Chairman's Court, Unit 105  
Frederick, MD 21703  
  
Phone: 301-378-9842, Fax: 301-378-9849  
Email: TerraSolutionsEngineering@gmail.com

	BY	DATE
BASE DATA		
DESIGNED		
DRAWN		
REVIEWED		

**KNOWLEDGE FARMS**  
  
Tax Map 96, Parcel 50  
Situated at 3280 Urbana Pike  
Urbana Election District No. 7  
Frederick County, MD

SCALE: 1" = 100'
PROJECT No.: 179
DATE: 08/25/2021
EXHIBIT 6
SHEET No. 6 OF 6