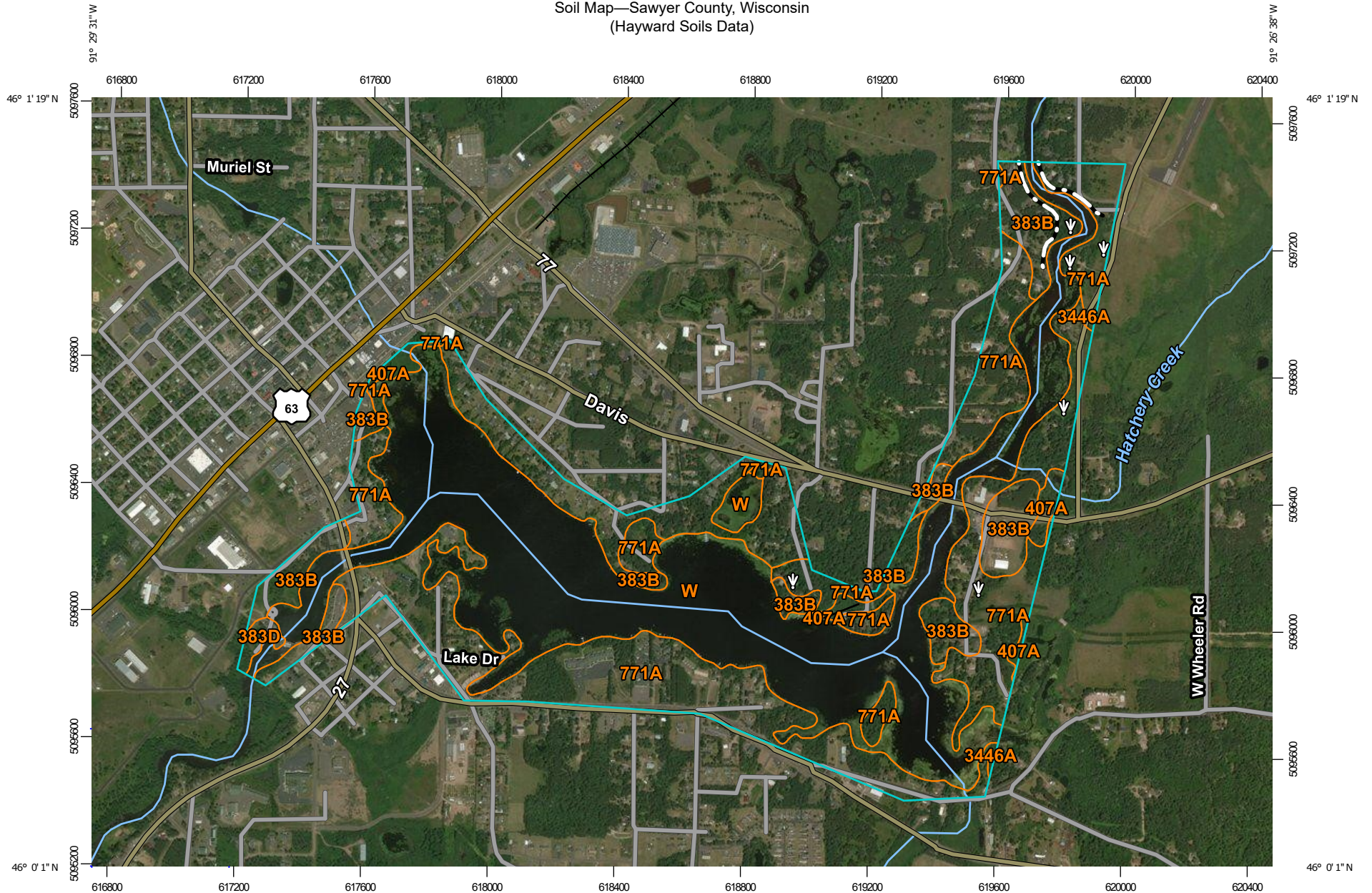


APPENDIX 4.2.2.1-1

Hayward Project Soils Report

Soil Map—Sawyer County, Wisconsin
(Hayward Soils Data)



Map Scale: 1:17,000 if printed on A landscape (11" x 8.5") sheet.




Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 15N WGS84

Soil Map—Sawyer County, Wisconsin
(Hayward Soils Data)


MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)




















Soils






 Soil Map Unit Polygons

 Soil Map Unit Lines


 Soil Map Unit Points

Special Point Features






-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features


Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Sawyer County, Wisconsin
Survey Area Data: Version 18, Jun 8, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jun 28, 2012—Jul 8, 2016

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
383B	Mahtomedi loamy sand, 0 to 6 percent slopes	87.2	16.1%
383D	Mahtomedi loamy sand, 12 to 30 percent slopes	2.8	0.5%
407A	Seelyeville and Markey soils, 0 to 1 percent slopes	9.4	1.7%
771A	Lenroot loamy sand, 0 to 3 percent slopes	192.4	35.6%
3446A	Newson muck, 0 to 2 percent slopes	1.3	0.2%
W	Water	247.7	45.8%
Totals for Area of Interest		540.9	100.0%

RUSLE2 Related Attributes

This report summarizes those soil attributes used by the Revised Universal Soil Loss Equation Version 2 (RUSLE2) for the map units in the selected area. The report includes the map unit symbol, the component name, and the percent of the component in the map unit. Soil property data for each map unit component include the hydrologic soil group, erosion factor Kf for the surface horizon, erosion factor T, and the representative percentage of sand, silt, and clay in the mineral surface horizon. Missing surface data may indicate the presence of an organic layer.

Report—RUSLE2 Related Attributes

Soil properties and interpretations for erosion runoff calculations. The surface mineral horizon properties are displayed or the first mineral horizon below an organic surface horizon. Organic horizons are not displayed.

RUSLE2 Related Attributes—Sawyer County, Wisconsin								
Map symbol and soil name	Pct. of map unit	Slope length (ft)	Hydrologic group	Kf	T factor	Representative value		
						% Sand	% Silt	% Clay
383B—Mahtomedi loamy sand, 0 to 6 percent slopes								
Mahtomedi	75	200	A	.10	5	82.5	9.0	8.5
383D—Mahtomedi loamy sand, 12 to 30 percent slopes								
Mahtomedi	80	79	A	.10	5	82.5	9.0	8.5
407A—Seelyeville and Markey soils, 0 to 1 percent slopes								
Markey	35	249	B/D	—	1	—	—	—
771A—Lenroot loamy sand, 0 to 3 percent slopes								
Lenroot	85	249	A	.10	5	82.5	9.0	8.5
3446A—Newson muck, 0 to 2 percent slopes								
Newson	85	249	A/D	.17	5	80.5	17.0	2.5

Data Source Information

Soil Survey Area: Sawyer County, Wisconsin
 Survey Area Data: Version 18, Jun 8, 2020