

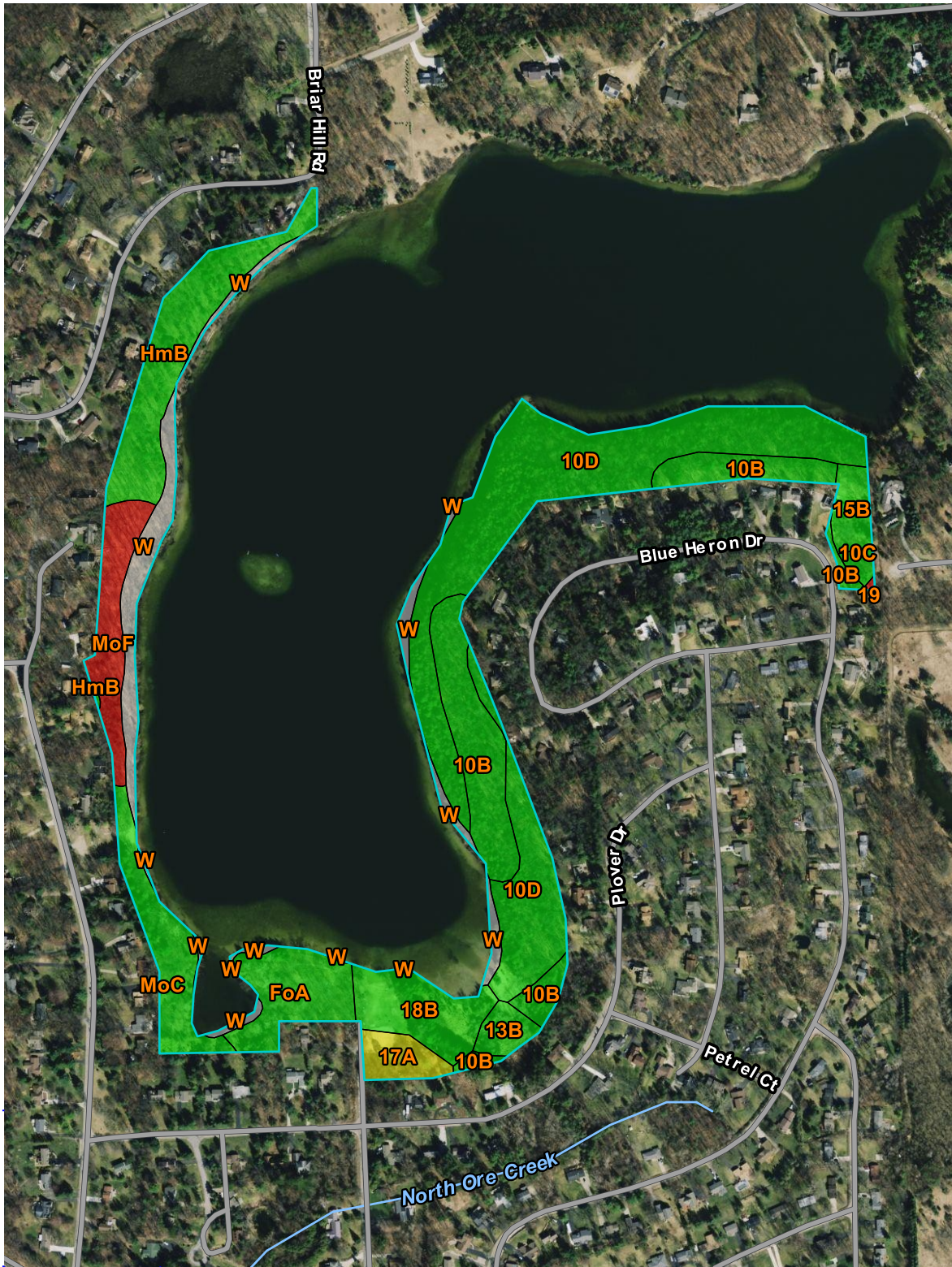
Paths and Trails (MI)—Livingston County, Michigan, and Oakland County, Michigan  
(Forest Stewardship Plan)

83° 41' 4" W

83° 40' 17" W

42° 39' 23" N

42° 39' 23" N

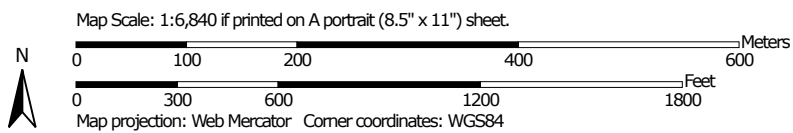


42° 38' 37" N

42° 38' 37" N

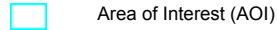
83° 41' 4" W

83° 40' 17" W



## MAP LEGEND

### Area of Interest (AOI)



Area of Interest (AOI)

### Background



Aerial Photography

### Soils

#### Soil Rating Polygons



Very limited



Somewhat limited



Not limited



Not rated or not available

#### Soil Rating Lines



Very limited



Somewhat limited



Not limited



Not rated or not available

#### Soil Rating Points



Very limited



Somewhat limited



Not limited



Not rated or not available

### Water Features



Streams and Canals

### Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at scales ranging from 1:15,800 to 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

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

Source of Map: Natural Resources Conservation Service  
Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>  
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: Livingston County, Michigan  
Survey Area Data: Version 9, Dec 14, 2009

Soil Survey Area: Oakland County, Michigan  
Survey Area Data: Version 9, Sep 27, 2012

Your area of interest (AOI) includes more than one soil survey area. These survey areas may have been mapped at different scales, with a different land use in mind, at different times, or at different levels of detail. This may result in map unit symbols, soil properties, and interpretations that do not completely agree across soil survey area boundaries.

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

Date(s) aerial images were photographed: Mar 14, 2012—Apr 9, 2012

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.

## Paths and Trails (MI)

Paths and Trails (MI)— Summary by Map Unit — Livingston County, Michigan (MI093)						
Map unit symbol	Map unit name	Rating	Component name (percent)	Rating reasons (numeric values)	Acres in AOI	Percent of AOI
FoA	Fox sandy loam, 0 to 2 percent slopes	Not limited	Fox (90%)		2.6	6.6%
			Boyer (2%)			
			Oshtemo (2%)			
			Miami (2%)			
HmB	Hillsdale-Miami loams, 2 to 6 percent slopes	Not limited	Hillsdale (50%)		4.3	10.7%
			Miami (35%)			
			Spinks (4%)			
MoC	Miami loam, 6 to 12 percent slopes	Not limited	Miami (90%)		2.6	6.5%
			Owosso (2%)			
			Spinks (2%)			
MoF	Miami loam, 25 to 35 percent slopes	Very limited	Miami (90%)	Slope (1.00)	2.3	5.8%
			Owosso (6%)	Slope (1.00)		
			Washtenaw (3%)	Depth to saturated zone (1.00)		
				Ponding (1.00)		
W	Water	Not rated	Water (100%)		2.4	6.0%
<b>Subtotals for Soil Survey Area</b>					<b>14.2</b>	<b>35.6%</b>
<b>Totals for Area of Interest</b>					<b>40.0</b>	<b>100.0%</b>

Paths and Trails (MI)— Summary by Map Unit — Oakland County, Michigan (MI125)						
Map unit symbol	Map unit name	Rating	Component name (percent)	Rating reasons (numeric values)	Acres in AOI	Percent of AOI
10B	Marlette sandy loam, 1 to 6 percent slopes	Not limited	Marlette (90%)		5.7	14.3%
			Oshtemo (2%)			
			Fox (2%)			
10C	Marlette sandy loam, 6 to 12 percent slopes	Not limited	Marlette (92%)		0.3	0.7%
			Oshtemo (2%)			
			Fox (2%)			
10D	Marlette loam, 12 to 18 percent slopes	Not limited	Marlette (94%)		13.8	34.4%
13B	Oshtemo-Boyer loamy sands, 0 to 6 percent slopes	Not limited	Oshtemo (55%)		0.7	1.8%
			Boyer (35%)			

Paths and Trails (MI)— Summary by Map Unit — Oakland County, Michigan (MI125)						
Map unit symbol	Map unit name	Rating	Component name (percent)	Rating reasons (numeric values)	Acres in AOI	Percent of AOI
15B	Spinks loamy sand, 0 to 6 percent slopes	Not limited	Spinks (85%)		0.9	2.3%
			Arkport (3%)			
			Oshtemo (3%)			
17A	Wasepi sandy loam, 0 to 3 percent slopes	Somewhat limited	Wasepi (94%)	Depth to saturated zone (0.44)	1.0	2.6%
			Matherton (2%)	Depth to saturated zone (0.44)		
18B	Fox sandy loam, 1 to 6 percent slopes	Not limited	Fox (88%)		2.5	6.3%
			Marlette (2%)			
			Spinks (2%)			
19	Sebewa loam	Very limited	Sebewa (92%)	Depth to saturated zone (1.00)	0.0	0.1%
				Ponding (1.00)		
			Adrian (2%)	Depth to saturated zone (1.00)		
				Organic matter content (1.00)		
				Ponding (1.00)		
W	Water	Not rated	Water (100%)		0.8	2.0%
<b>Subtotals for Soil Survey Area</b>					<b>25.8</b>	<b>64.4%</b>
<b>Totals for Area of Interest</b>					<b>40.0</b>	<b>100.0%</b>

Paths and Trails (MI)— Summary by Rating Value		
Rating	Acres in AOI	Percent of AOI
Not limited	33.4	83.6%
Very limited	2.3	5.9%
Somewhat limited	1.0	2.6%
Null or Not Rated	3.2	8.0%
<b>Totals for Area of Interest</b>	<b>40.0</b>	<b>100.0%</b>

## Description

Ratings for paths and trails apply to areas used for walking, horseback riding, or similar activities. The areas require little or no cutting or filling. The soils are rated based on the properties and qualities that influence trafficability and erodibility.

Stoniness, wetness, texture of the surface layer, slope, flooding, erodibility, and dustiness are the main concerns in developing paths and trails. For good trafficability, the surface of a path or trail should absorb rainfall readily, should remain firm under heavy foot traffic, and should not be dusty when dry.

The ratings are both verbal and numerical. Soils are placed into interpretive rating classes per their rating indices. These classes are "not limited" (rating index = 0), "somewhat limited" (rating index > 0 and < 1.0), and "very limited" (rating index = 1.0).

The map unit components listed for each map unit in the accompanying Summary by Map Unit table in Web Soil Survey or the Aggregation Report in Soil Data Viewer are determined by the aggregation method chosen, which is displayed on the report. An aggregated rating class is shown for each map unit. The components listed for each map unit are only those that have the same rating class as listed for the map unit. The percent composition of each component in a particular map unit is presented to help the user better understand the percentage of each map unit that has the rating presented.

Other components with different ratings may be present in each map unit. The ratings for all components, regardless of the map unit aggregated rating, can be viewed by generating the Selected Soil Interpretations report with this interpretation included from the Soil Reports tab in Web Soil Survey or from the Soil Data Mart site. Onsite investigation may be needed to validate these interpretations and to confirm the identity of the soil on a given site.

The Michigan interpretation uses different wording to describe the "Too sandy" feature.

## Rating Options

*Aggregation Method:* Dominant Condition

*Component Percent Cutoff:* None Specified

*Tie-break Rule:* Higher