Appendix C
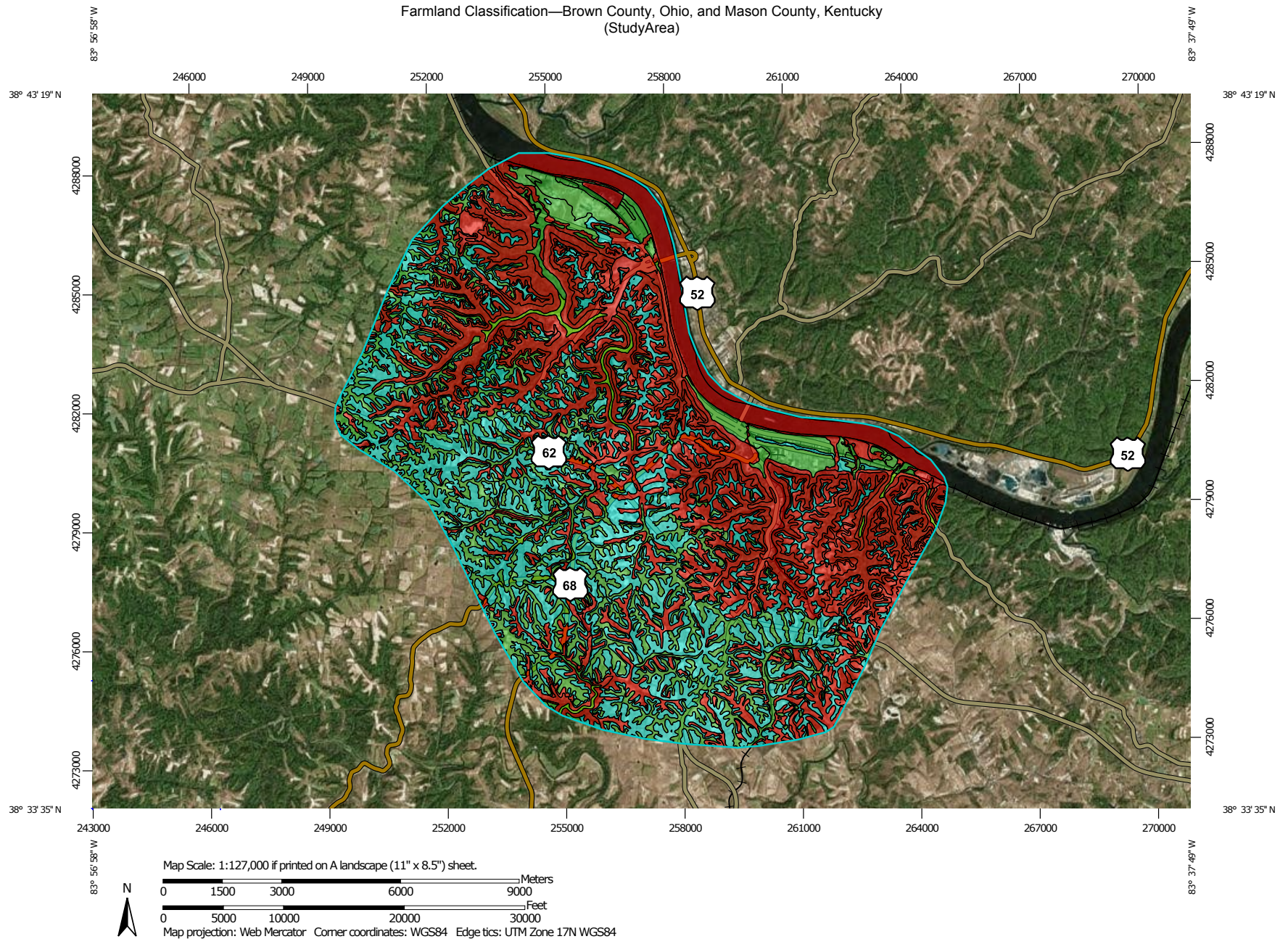
Farmland Classification

Farmland Classification—Brown County, Ohio, and Mason County, Kentucky
(StudyArea)
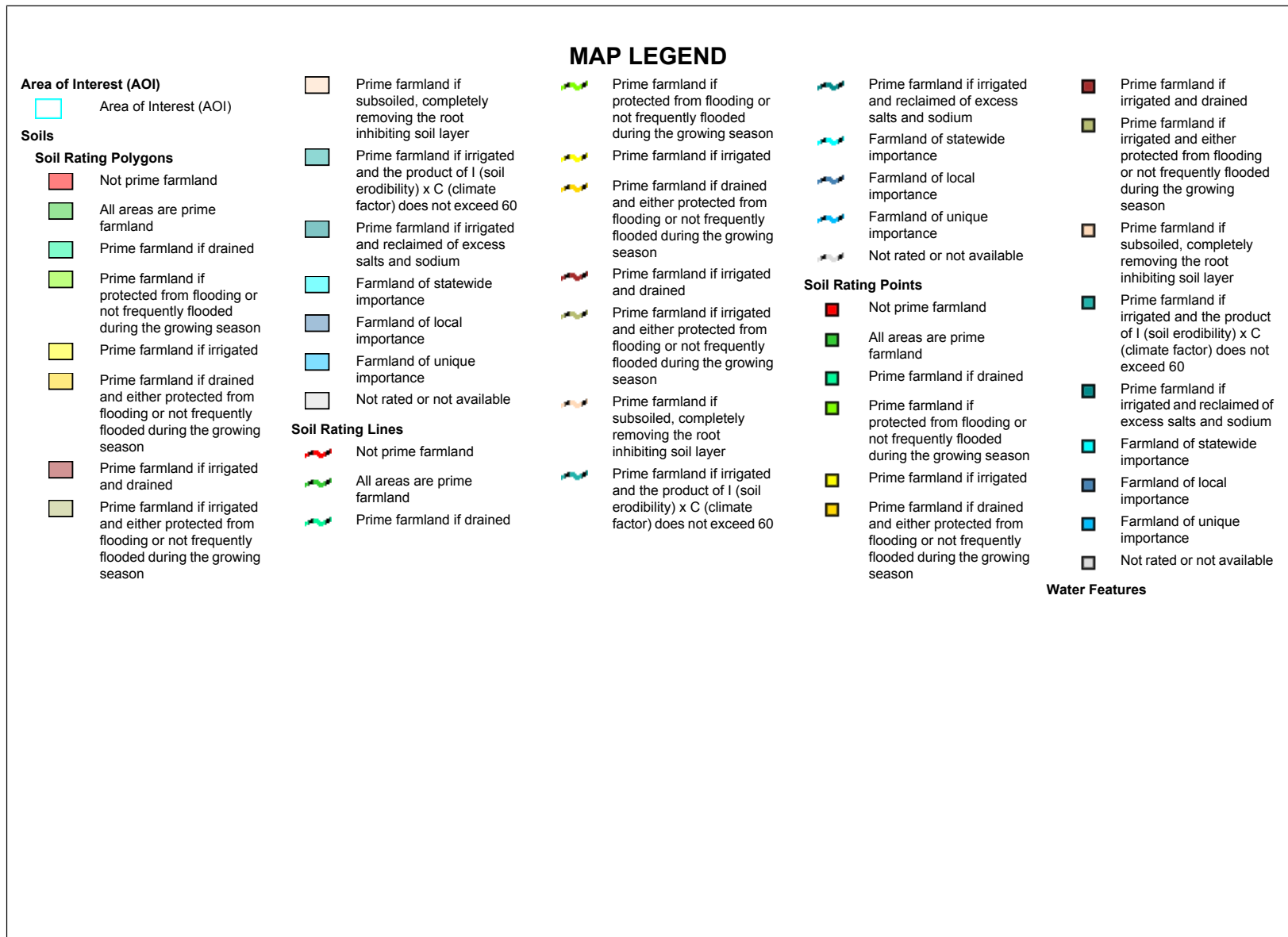
Map Scale: 1:127,000 if printed on A landscape (11" x 8.5") sheet.

Meters
0   1500   3000   6000   9000

Feet
0   5000   10000   20000   30000

Map projection: Web Mercator   Corner coordinates: WGS84   Edge tics: UTM Zone 17N WGS84

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MAP LEGEND

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Rating Polygons

Not prime farmland

All areas are prime farmland

Prime farmland if drained

Prime farmland if protected from flooding or not frequently flooded during the growing season

Prime farmland if irrigated

Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season

Prime farmland if irrigated and drained

Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season

Prime farmland if subsoiled, completely removing the root inhibiting soil layer

Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60

Prime farmland if irrigated and reclaimed of excess salts and sodium

Farmland of statewide importance

Farmland of local importance

Farmland of unique importance

Not rated or not available

Soil Rating Lines

Not prime farmland

All areas are prime farmland

Prime farmland if drained

Prime farmland if protected from flooding or not frequently flooded during the growing season

Prime farmland if irrigated

Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season

Prime farmland if irrigated and drained

Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season

Prime farmland if subsoiled, completely removing the root inhibiting soil layer

Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60

Prime farmland if irrigated and reclaimed of excess salts and sodium

Farmland of statewide importance

Farmland of local importance

Farmland of unique importance

Not rated or not available

Soil Rating Points

Not prime farmland

All areas are prime farmland

Prime farmland if drained

Prime farmland if protected from flooding or not frequently flooded during the growing season

Prime farmland if irrigated

Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season

Prime farmland if irrigated and drained

Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season

Prime farmland if subsoiled, completely removing the root inhibiting soil layer

Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60

Prime farmland if irrigated and reclaimed of excess salts and sodium

Farmland of statewide importance

Farmland of local importance

Farmland of unique importance

Not rated or not available

Water Features

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MAP INFORMATION

~ Streams and Canals

Transportation

+++ Rails

— Interstate Highways

~ US Routes

~ Major Roads

~ Local Roads

Background

Aerial Photography

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

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

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: 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: Brown County, Ohio
Survey Area Data: Version 15, Sep 26, 2015

Soil Survey Area: Mason County, Kentucky
Survey Area Data: Version 11, Sep 15, 2015

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: Jun 30, 2010—Oct 15, 2011

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.

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Farmland Classification

Farmland Classification— Summary by Map Unit — Brown County, Ohio (OH015)				
Map unit symbol	**Map unit name**	**Rating**	**Acres in AOI**	**Percent of AOI**
ScA	Sciotoville silt loam, 0 to 2 percent slopes	All areas are prime farmland	2.6	0.0%
W	Water	Not prime farmland	170.1	0.5%
Subtotals for Soil Survey Area			**172.7**	**0.5%**
Totals for Area of Interest			**33,783.9**	**100.0%**

Farmland Classification— Summary by Map Unit — Mason County, Kentucky (KY161)				
Map unit symbol	**Map unit name**	**Rating**	**Acres in AOI**	**Percent of AOI**
Bo	Boonesboro silt loam, frequently flooded	Prime farmland if protected from flooding or not frequently flooded during the growing season	255.2	0.8%
ChB	Chavies fine sandy loam, 2 to 6 percent slopes	All areas are prime farmland	173.6	0.5%
ChC	Chavies fine sandy loam, 6 to 12 percent slopes	Farmland of statewide importance	118.7	0.4%
CnC2	Cynthiana-Faywood silty clay loams, 6 to 12 percent slopes, eroded	Not prime farmland	186.9	0.6%
CyE2	Cynthiana-Faywood complex, very rocky, 12 to 30 percent slopes, eroded	Not prime farmland	3,365.8	10.0%
DAM	Dam	Not prime farmland	1.1	0.0%
Du	Dumps	Not prime farmland	352.8	1.0%
EdD2	Eden silt loam, 6 to 20 percent slopes, eroded	Not prime farmland	15.7	0.0%
EfE2	Eden flaggy silty clay loam, 20 to 40 percent slopes, eroded	Not prime farmland	3,487.3	10.3%
EkB	Elk silt loam, 2 to 6 percent slopes	All areas are prime farmland	6.2	0.0%
EkC	Elk silt loam, 6 to 12 percent slopes	Farmland of statewide importance	50.8	0.2%
ErC	Elk silt loam, 6 to 12 percent slopes, rarely flooded	Farmland of statewide importance	6.1	0.0%
FrF	Fairmount-Rock outcrop complex, 30 to 60 percent slopes	Not prime farmland	2,735.0	8.1%

Farmland Classification— Summary by Map Unit — Mason County, Kentucky (KY161)				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
FwB	Faywood silt loam, 2 to 6 percent slopes	All areas are prime farmland	156.1	0.5%
NcB	Nicholson silt loam, 2 to 6 percent slopes	All areas are prime farmland	1,065.8	3.2%
No	Nolin silt loam, 0 to 2 percent slopes, occasionally flooded	All areas are prime farmland	556.6	1.6%
OtB	Otwell silt loam, 2 to 6 percent slopes	All areas are prime farmland	196.5	0.6%
Pt	Pits, sand and gravel	Not prime farmland	7.8	0.0%
ShB	Shelbyville silt loam, 2 to 6 percent slopes	All areas are prime farmland	84.7	0.3%
uLfC	Lowell-Faywood silt loams, 6 to 12 percent slopes	Farmland of statewide importance	9,894.9	29.3%
uLfD	Lowell-Faywood silt loams, 12 to 20 percent slopes	Not prime farmland	3,646.4	10.8%
uLsoB	Lowell-Sandview silt loams, 2 to 6 percent slopes	All areas are prime farmland	4,060.3	12.0%
W	Water	Not prime farmland	1,691.9	5.0%
WhA	Wheeling silt loam, 0 to 4 percent slopes	All areas are prime farmland	935.7	2.8%
WhC	Wheeling silt loam, 6 to 12 percent slopes	Farmland of statewide importance	41.1	0.1%
Wn	Wheeling-Nolin silt loams	Not prime farmland	518.2	1.5%
Subtotals for Soil Survey Area			**33,611.2**	**99.5%**
Totals for Area of Interest			**33,783.9**	**100.0%**

Description

Farmland classification identifies map units as prime farmland, farmland of statewide importance, farmland of local importance, or unique farmland. It identifies the location and extent of the soils that are best suited to food, feed, fiber, forage, and oilseed crops. NRCS policy and procedures on prime and unique farmlands are published in the "Federal Register," Vol. 43, No. 21, January 31, 1978.

Rating Options

Aggregation Method: No Aggregation Necessary

Tie-break Rule: Lower

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