



Exhibit

2

National Wetlands Inventory Map

Proposed Highland Solar Farm

OH 138

Burford, Highland County, Ohio

Terracon
Consulting Engineers & Scientists

611 Lunken Park Drive Cincinnati, Ohio 45226

PH: (513) 321-5816 FAX: (513) 321-0294

Project No. N1177433

Drawn By: MDP

Approved By: SEW

Date: 1/10/2018

0 750 1,500 3,000 Feet

1:15,000

Page 2 of 4



USGS The National Map: Imagery

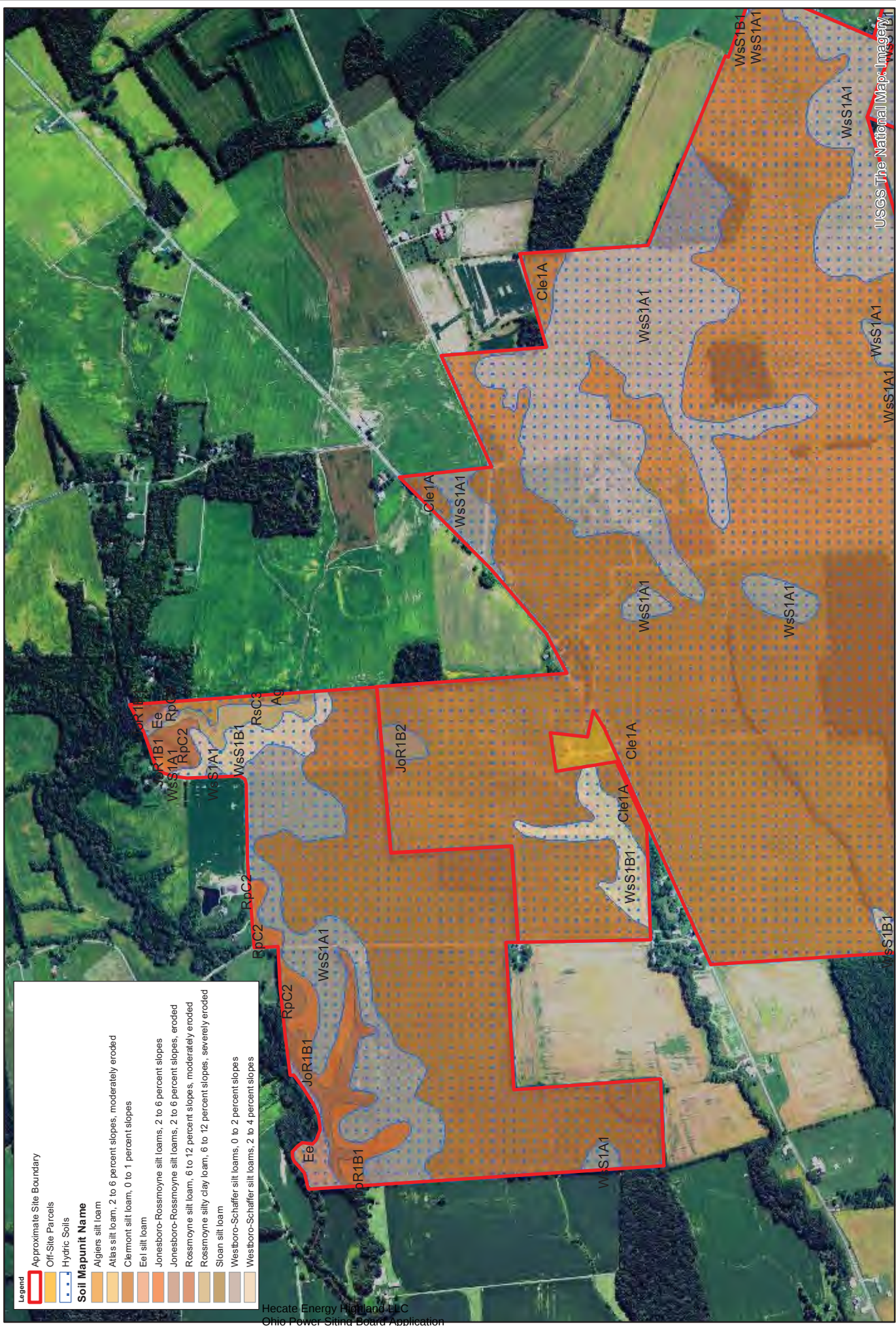
Exhibit
2

National Wetlands Inventory Map
Proposed Highland Solar Farm
OH 138
Burford, Highland County, Ohio

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611 Lunken Park Drive Cincinnati, Ohio 45226
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Legend

Approximate Site Boundary

Off-Site Parcels

Hydric Soils

Soil Mapunit Name

Algers silt loam

Atlas silt loam, 2 to 6 percent slopes, moderately eroded

Clermont silt loam, 0 to 1 percent slopes

Eel silt loam

Jonesboro-Rossmyrne silt loams, 2 to 6 percent slopes

Jonesboro-Rossmyrne silt loams, 2 to 6 percent slopes, eroded

Rossmyrne silt loam, 6 to 12 percent slopes, moderately eroded

Rossmyrne silty clay loam, 6 to 12 percent slopes, severely eroded

Sloan silt loam

Westboro-Schaffer silt loams, 0 to 2 percent slopes

Westboro-Schaffer silt loams, 2 to 4 percent slopes

Hecate Energy Highland LLC
Ohio Power Siting Board Application
Exhibit G: Ecological Report
Page 81

1:15,000

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Date:	1/10/2018

Terracon

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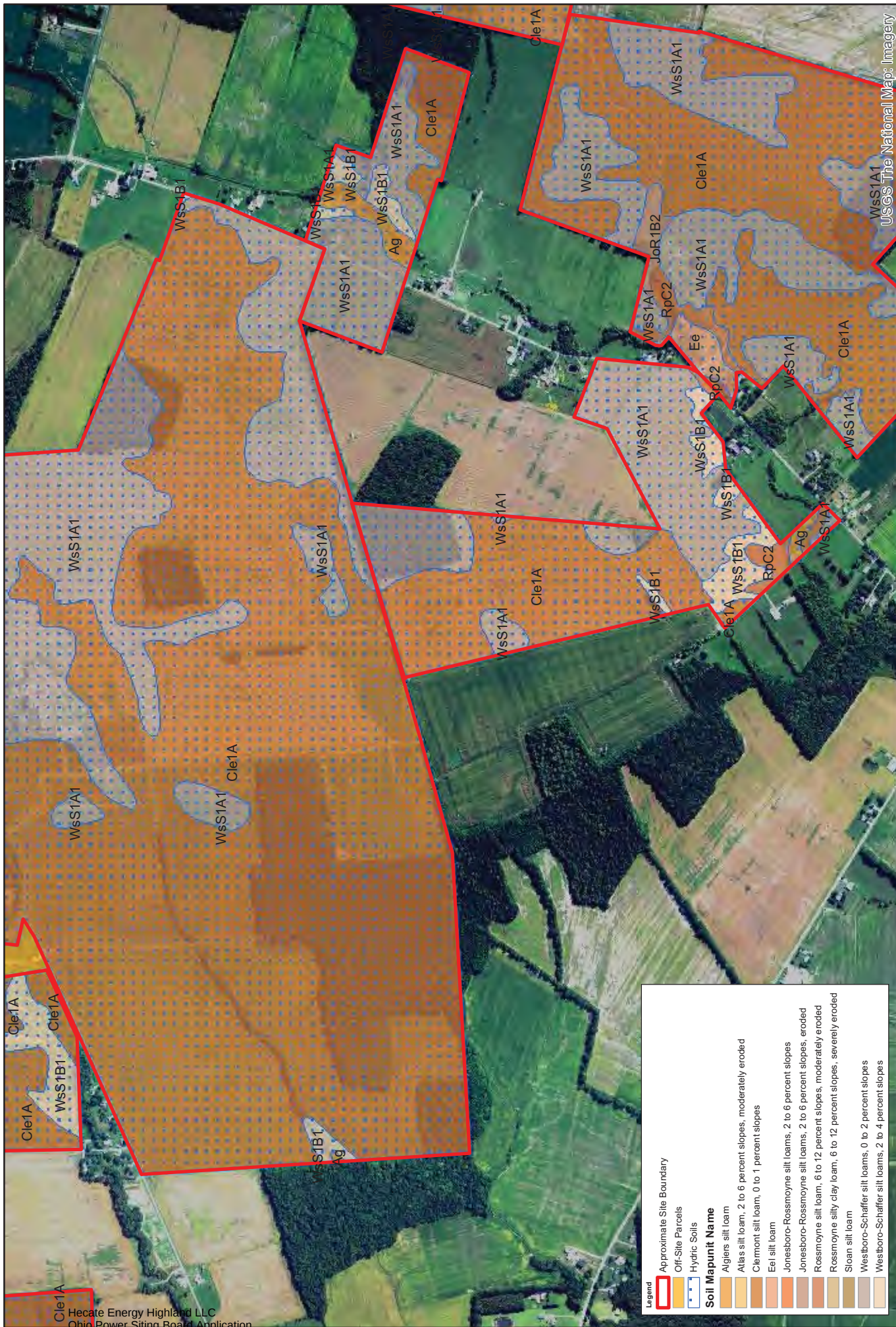
611 Lunken Park Drive
Cincinnati, Ohio 45226
PH: (513) 321-5816
FAX: (513) 321-0294

NRCS SSURGO Soils Map

Proposed Highland Solar Farm
OH 138
Burford, Highland County, Ohio

Exhibit

3



Project No. N1177433

Drawn By: MDP

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NRCS SSURGO Soils Map

Proposed Highland Solar Farm

OH 138

Burford, Highland County, Ohio

Exhibit

3

1:15,000 Page 2 of 4



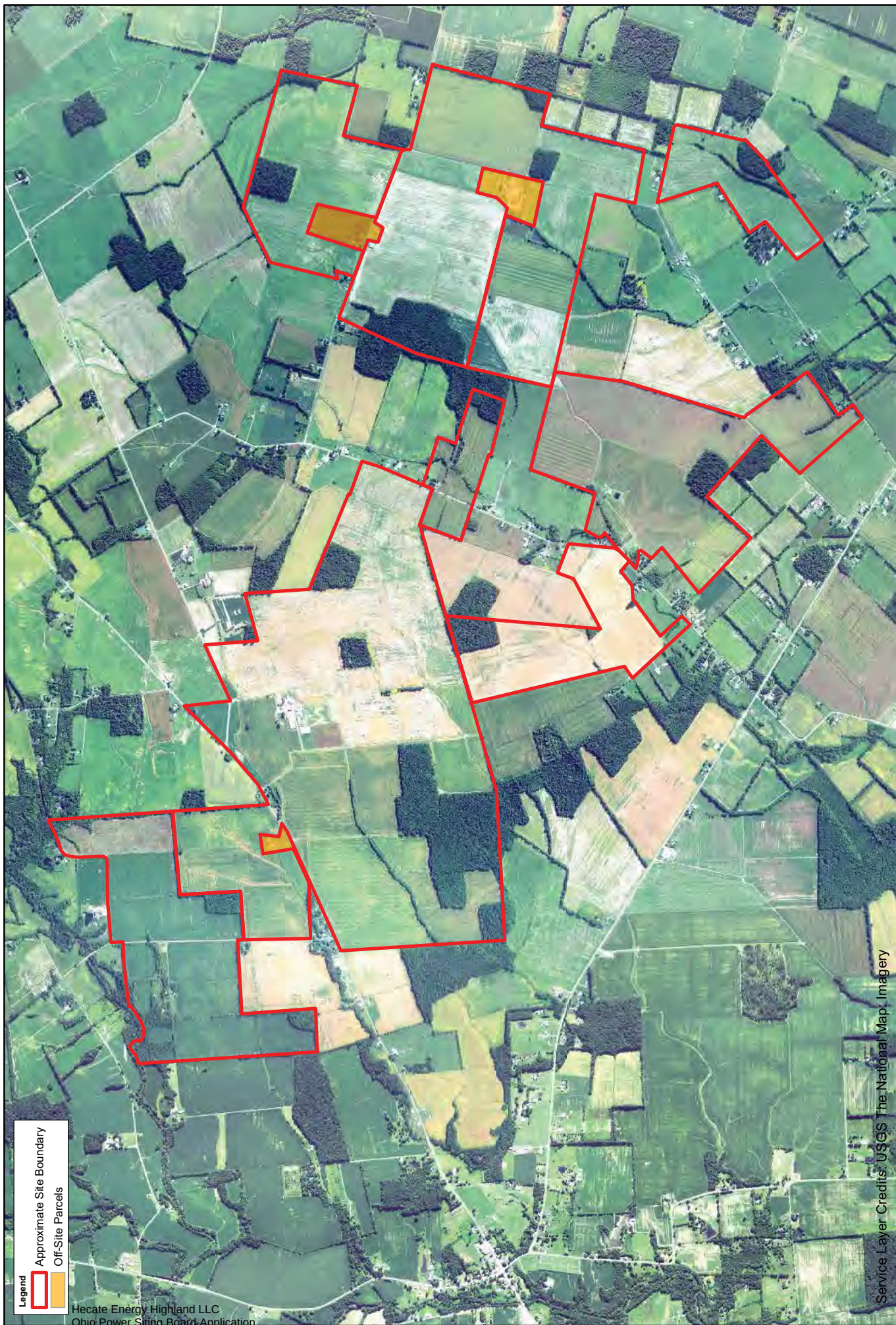
Exhibit
3

NRCS SSURGO Soils Map
Proposed Highland Solar Farm
OH 138
Burford, Highland County, Ohio

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0 750 1,500 3,000 Feet
1:15,000
Page 4 of 4



Exhibit

4

Aerial Image (2015)

Proposed Highland Solar Farm
OH 138
Buford, Highland County, Ohio

Terracon
Consulting Engineers & Scientists
611 Lunken Park Drive Cincinnati, Ohio 45226
PH: (513) 321-5816 FAX: (513) 321-0294

Project No. N1177433

Drawn By: MDP

Approved By: SEW

Date: 1/10/2018



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Project No.	N1177433
Drawn By:	MDP
Approved By:	SEW
Date:	1/10/2018

Terracon
Consulting Engineers & Scientists
611 Lunken Park Drive Cincinnati, Ohio 45226
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FEMA Flood Insurance Risk Map (FIRM)
Proposed Highland Solar Farm
OH 138
Burford, Highland County, Ohio

Exhibit
5



USGS The National Map: Imagery

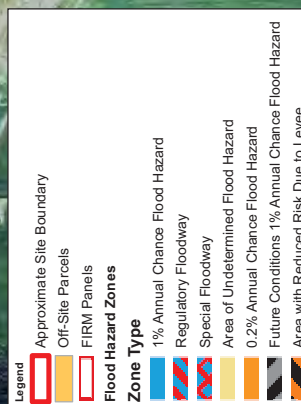
Exhibit
5

FEMA Flood Insurance Risk Map (FIRM)

Proposed Highland Solar Farm
OH 138
Burford, Highland County, Ohio

Terracon
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611 Lunken Park Drive Cincinnati, Ohio 45226
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USGS The National Map: Imagery

Exhibit
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FEMA Flood Insurance Risk Map (FIRM)
Proposed Highland Solar Farm
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Burford, Highland County, Ohio

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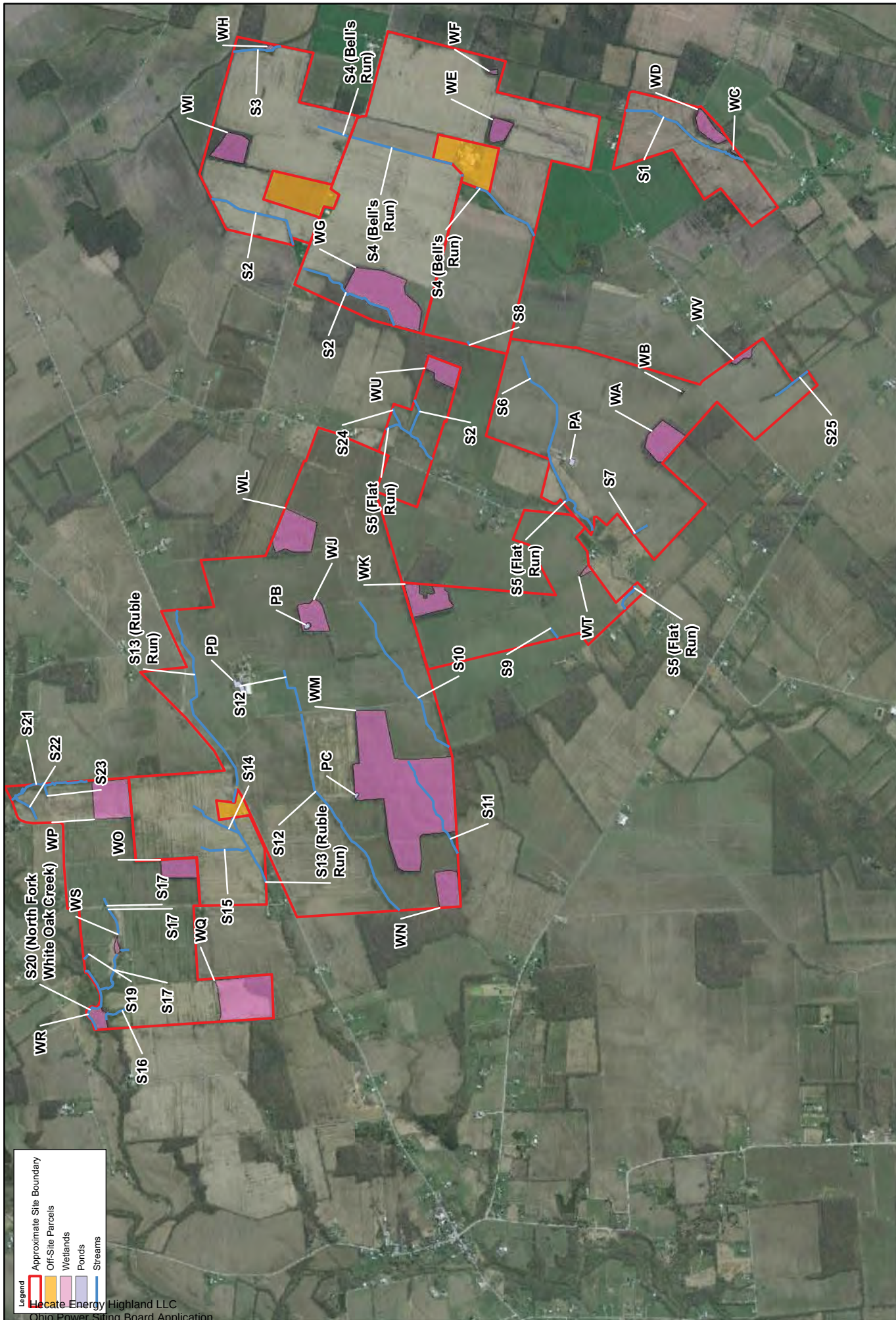
USGS The National Map: Imagery

Exhibit
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FEMA Flood Insurance Risk Map (FIRM)
Proposed Highland Solar Farm
OH 138
Burford, Highland County, Ohio

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- Legend**
- Approximate Site Boundary
 - Off-Site Parcels
 - Wetlands
 - Ponds
 - Streams

Exhibit	6
Wetland Delineation Map	
Proposed Highland Solar Farm	
OH 138	
Buford, Highland County, Ohio	

Terracon
Consulting Engineers & Scientists

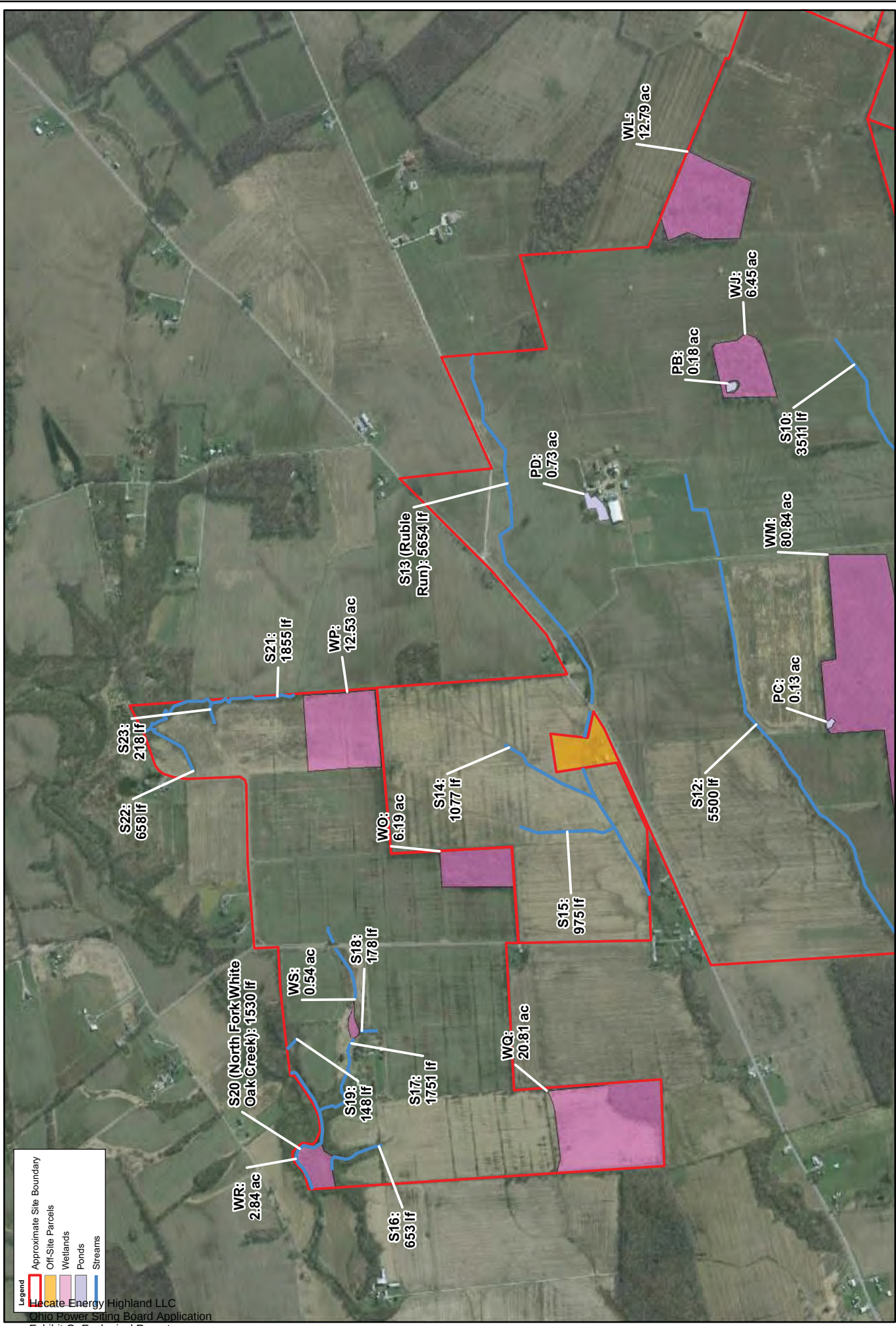
611 Lunken Park Drive Cincinnati, Ohio 45226
PH: (513) 321-5816 FAX: (513) 321-0294

Project No.	N1177433
Drawn By:	MDP
Approved By:	SEW
Date:	1/25/2018

N

0 1,250 2,500 5,000 Feet

1:30,000



Legend

- Approximate Site Boundary
- Off-Site Parcels
- Wetlands
- Ponds
- Streams

Project No. N1177433

Drawn By: MDP

Approved By: SEW

Date: 1/25/2018

1:15,000

0 750 1,500 3,000 Feet

N

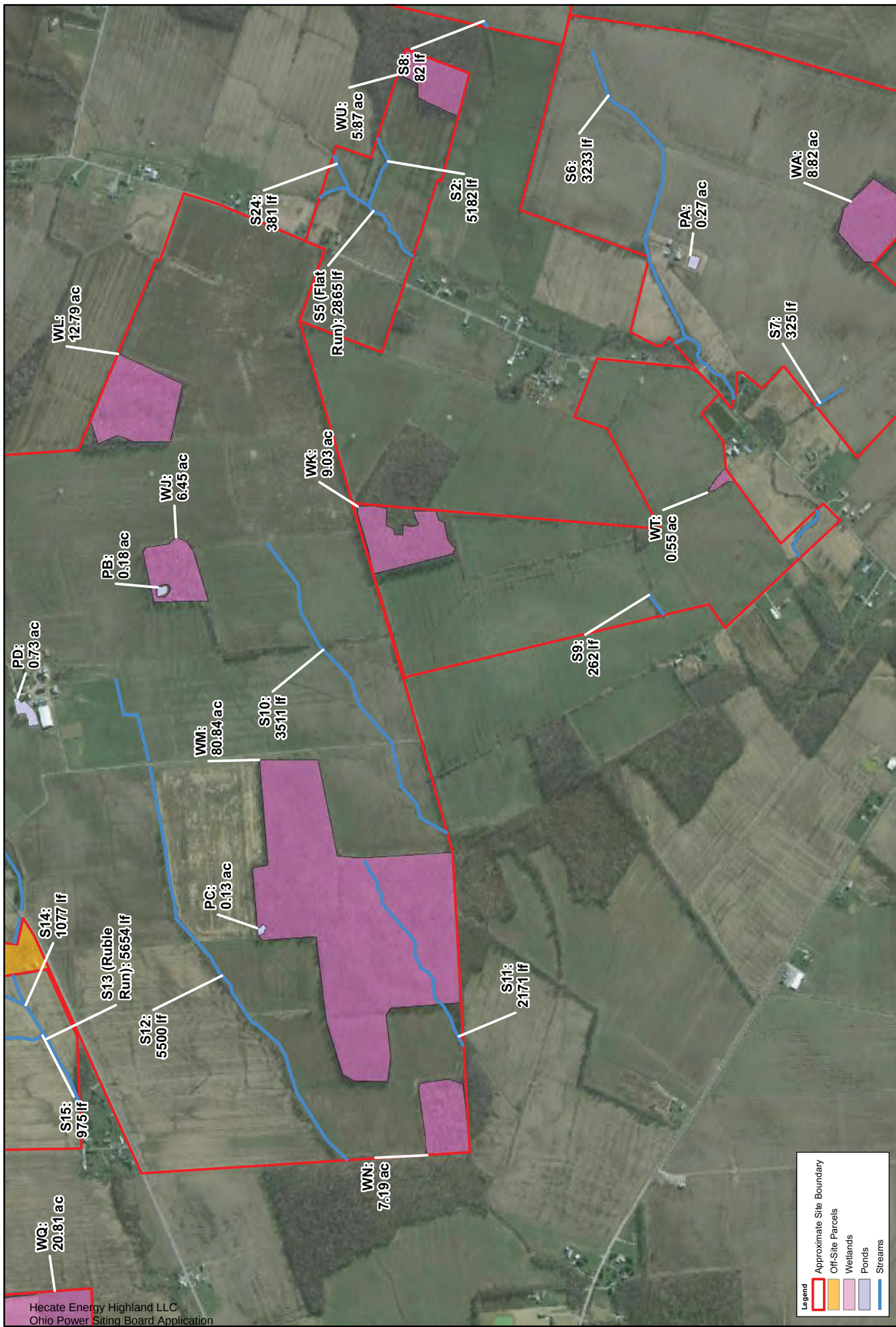
Wetland Delineation Map

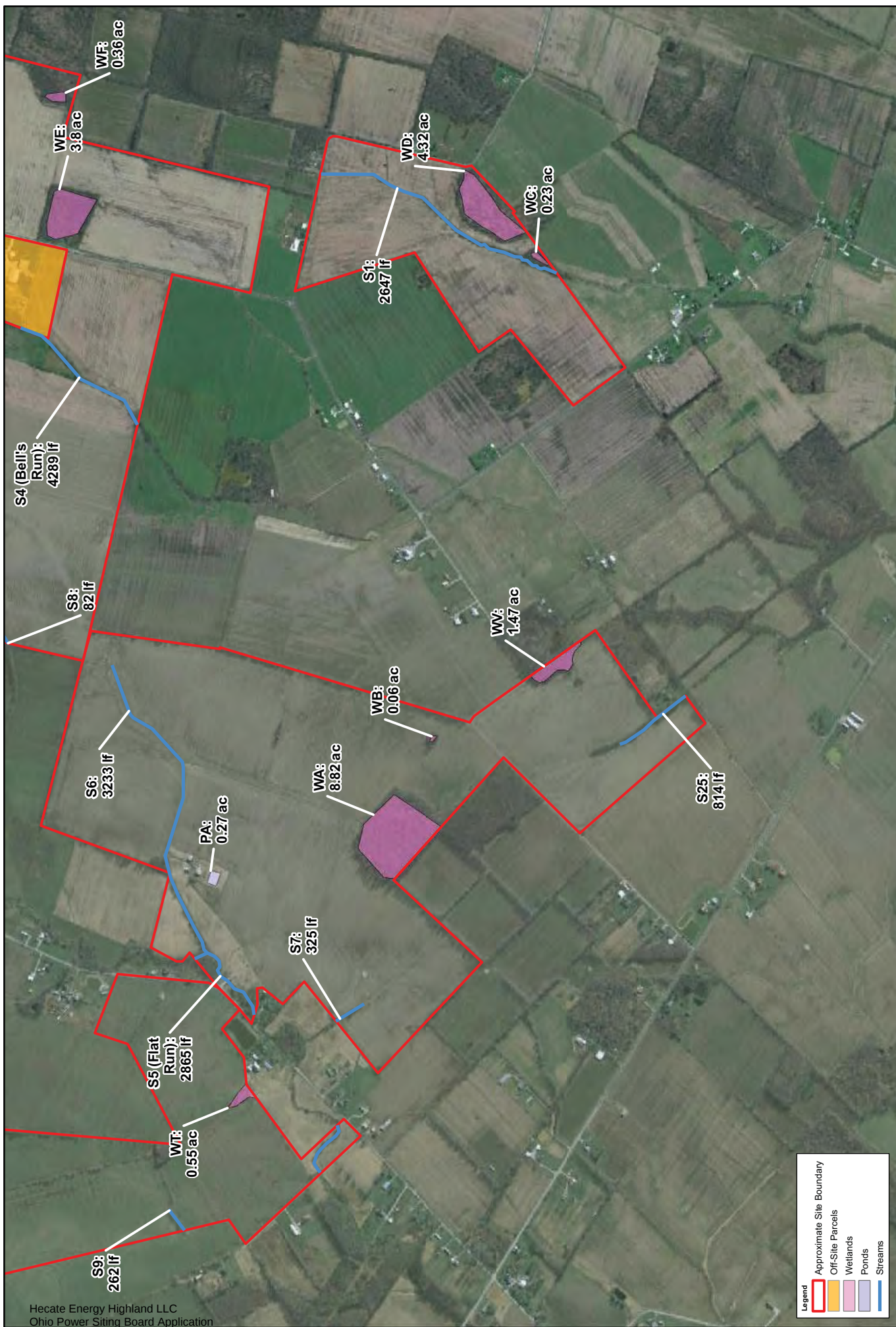
Proposed Highland Solar Farm
OH 138
Buford, Highland County, Ohio

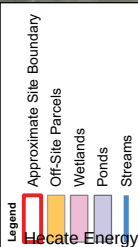
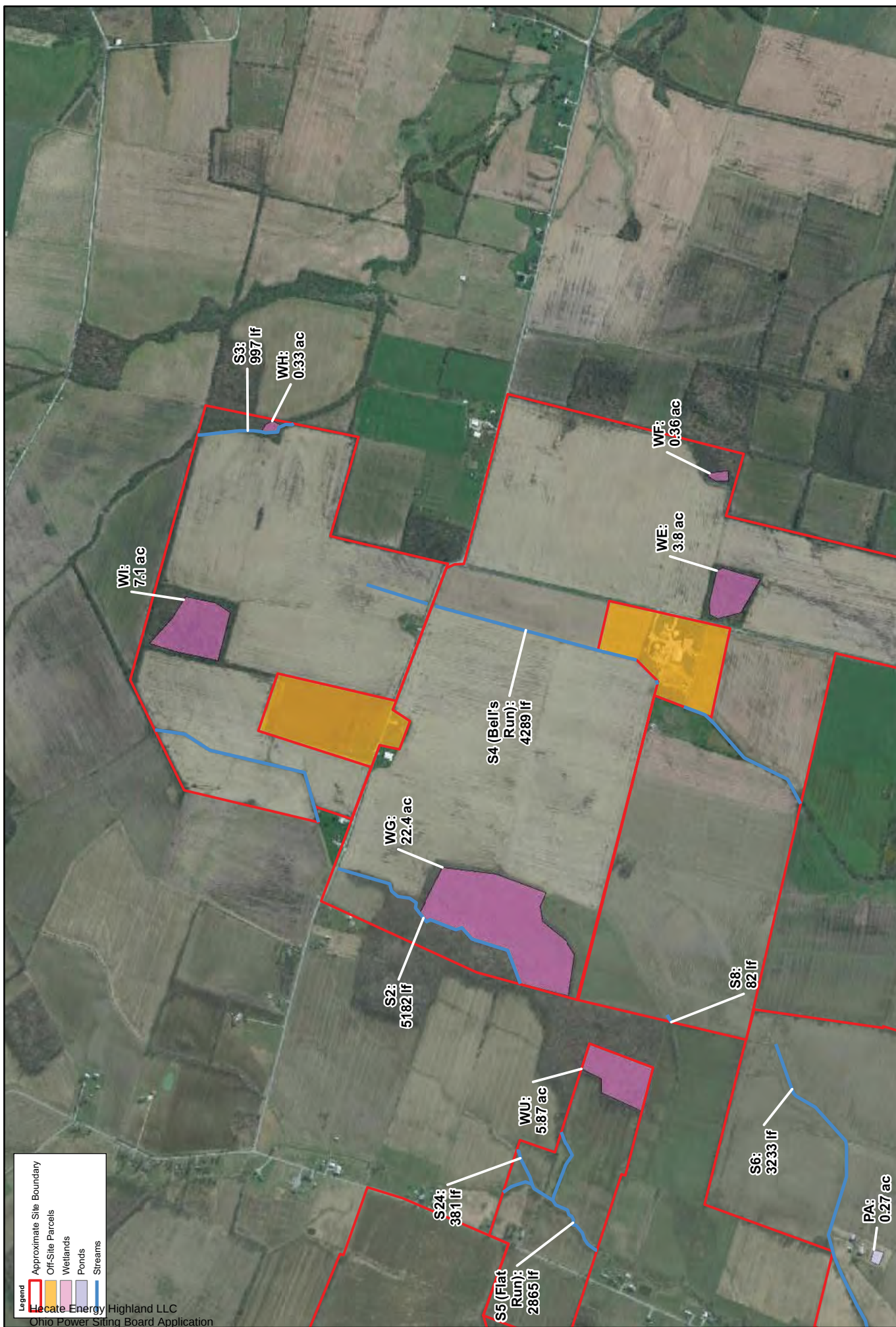
Terracon
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Exhibit

6







APPENDIX B – GROUND PHOTOGRAPHS

Photographic Documentation

Client: Hecate Energy Highland LLC

Project Number: N1177433

Location: Highland County, Ohio

Photographer: M. Perkins, S. West

Photograph No. 1

Date: December 2017

Direction: North

Description:

Wetland A



Photograph No. 2

Date: December 2017

Direction: --

Description:

Typical hydric soil found across the project site.



Photographic Documentation

Client: Hecate Energy Highland LLC

Project Number: N1177433

Location: Highland County, Ohio

Photographer: M. Perkins, S. West

Photograph No. 3

Date: December 2017

Direction: West

Description:
Wetland B



Photograph No. 4

Date: December 2017

Direction: Southwest

Description:
Wetland C



Photographic Documentation

Client: Hecate Energy Highland LLC

Project Number: N1177433

Location: Highland County, Ohio

Photographer: M. Perkins, S. West

Photograph No. 5

Date: December 2017

Direction: West

Description:
Wetland D



Photograph No. 6

Date: December 2017

Direction: Northeast

Description:
Stream 1



Photographic Documentation

Client: Hecate Energy Highland LLC

Project Number: N1177433

Location: Highland County, Ohio

Photographer: M. Perkins, S. West

Photograph No. 7

Date: December 2017

Direction: West

Description:
Wetland E



Photograph No. 8

Date: December 2017

Direction: East

Description:
Wetland F



Photographic Documentation

Client: Hecate Energy Highland LLC

Project Number: N1177433

Location: Highland County, Ohio

Photographer: M. Perkins, S. West

Photograph No. 9

Date: December 2017

Direction: South

Description:

Wetland G



Photograph No. 10

Date: December 2017

Direction: North

Description:

Morphological adaptation of
FACU species in Wetland G



Photographic Documentation

Client: Hecate Energy Highland LLC

Project Number: N1177433

Location: Highland County, Ohio

Photographer: M. Perkins, S. West

Photograph No. 11

Date: December 2017

Direction: North

Description:
Stream 2



Photograph No. 12

Date: December 2017

Direction: Northwest

Description:
Stream 3



Photographic Documentation

Client: Hecate Energy Highland LLC

Project Number: N1177433

Location: Highland County, Ohio

Photographer: M. Perkins, S. West

Photograph No. 13

Date: December 2017

Direction: South

Description:
Wetland H



Photograph No. 14

Date: December 2017

Direction: Northwest

Description:
Wetland I



Photographic Documentation

Client: Hecate Energy Highland LLC

Project Number: N1177433

Location: Highland County, Ohio

Photographer: M. Perkins, S. West

Photograph No. 15

Date: December 2017

Direction: South

Description:
Stream 4 (Bell's Run)



Photograph No. 16

Date: December 2017

Direction: Northwest

Description:
Stream 5 (Flat Run)



Photographic Documentation

Client: Hecate Energy Highland LLC

Project Number: N1177433

Location: Highland County, Ohio

Photographer: M. Perkins, S. West

Photograph No. 17

Date: December 2017

Direction: Northeast

Description:
Stream 6



Photograph No. 18

Date: December 2017

Direction: Northwest

Description:
Beginning of Stream 7



Photographic Documentation

Client: Hecate Energy Highland LLC

Project Number: N1177433

Location: Highland County, Ohio

Photographer: M. Perkins, S. West

Photograph No. 19

Date: December 2017

Direction: Northeast

Description:
Stream 8



Photograph No. 20

Date: December 2017

Direction: Southwest

Description:
Pond A



Photographic Documentation

Client: Hecate Energy Highland LLC

Project Number: N1177433

Location: Highland County, Ohio

Photographer: M. Perkins, S. West

Photograph No. 21

Date: December 2017

Direction: East

Description:
Stream 9



Photograph No. 22

Date: December 2017

Direction: West

Description:
Wetland J (Emergent portion)



Photographic Documentation

Client: Hecate Energy Highland LLC

Project Number: N1177433

Location: Highland County, Ohio

Photographer: M. Perkins, S. West

Photograph No. 23

Date: December 2017

Direction: Northeast

Description:
Wetland J (Forested portion)



Photograph No. 24

Date: December 2017

Direction: Northeast

Description:
Pond B



Photographic Documentation

Client: Hecate Energy Highland LLC

Project Number: N1177433

Location: Highland County, Ohio

Photographer: M. Perkins, S. West

Photograph No. 25

Date: December 2017

Direction: South

Description:
Wetland K



Photograph No. 26

Date: December 2017

Direction: Northwest

Description:
Wetland L



Photographic Documentation

Client: Hecate Energy Highland LLC

Project Number: N1177433

Location: Highland County, Ohio

Photographer: M. Perkins, S. West

Photograph No. 27

Date: December 2017

Direction: East

Description:
Stream 10



Photograph No. 28

Date: December 2017

Direction: North

Description:
Wetland M



Photographic Documentation

Client: Hecate Energy Highland LLC

Project Number: N1177433

Location: Highland County, Ohio

Photographer: M. Perkins, S. West

Photograph No. 29

Date: December 2017

Direction: Southwest

Description:
Wetland M



Photograph No. 30

Date: December 2017

Direction: Northeast

Description:
Stream 11



Photographic Documentation

Client: Hecate Energy Highland LLC

Project Number: N1177433

Location: Highland County, Ohio

Photographer: M. Perkins, S. West

Photograph No. 31

Date: December 2017

Direction: East

Description:

Pond C



Photograph No. 32

Date: December 2017

Direction: West

Description:

Wetland N



Photographic Documentation

Client: Hecate Energy Highland LLC

Project Number: N1177433

Location: Highland County, Ohio

Photographer: M. Perkins, S. West

Photograph No. 33

Date: December 2017

Direction: South

Description:
Stream 12



Photograph No. 34

Date: December 2017

Direction: Northwest

Description:
Stream 13 (Ruble Run)



Photographic Documentation

Client: Hecate Energy Highland LLC	Project Number: N1177433
Location: Highland County, Ohio	Photographer: M. Perkins, S. West

Photograph No. 35

Date: December 2017

Direction: Northeast

Description:
Pond D



Photograph No. 36

Date: December 2017

Direction: Northeast

Description:
Stream 14



Photographic Documentation

Client: Hecate Energy Highland LLC

Project Number: N1177433

Location: Highland County, Ohio

Photographer: M. Perkins, S. West

Photograph No. 37

Date: December 2017

Direction: South

Description:
Stream 15



Photograph No. 38

Date: December 2017

Direction: Northwest

Description:
Wetland O



Photographic Documentation

Client: Hecate Energy Highland LLC

Project Number: N1177433

Location: Highland County, Ohio

Photographer: M. Perkins, S. West

Photograph No. 39

Date: December 2017

Direction: Northwest

Description:

Wetland P (southern portion)



Photograph No. 40

Date: December 2017

Direction: Northeast

Description:

Wetland P (northern portion)



Photographic Documentation

Client: Hecate Energy Highland LLC

Project Number: N1177433

Location: Highland County, Ohio

Photographer: M. Perkins, S. West

Photograph No. 41

Date: December 2017

Direction: South

Description:
Wetland Q (forested)



Photograph No. 42

Date: December 2017

Direction: Northwest

Description:
Wetland Q (emergent portion;
prominent orange plant in
background is square-pod water-
primrose (*Ludwigia alternifolia*) –
OBL)



Photographic Documentation

Client: Hecate Energy Highland LLC

Project Number: N1177433

Location: Highland County, Ohio

Photographer: M. Perkins, S. West

Photograph No. 43

Date: December 2017

Direction: --

Description:
Hydric soils in Wetland Q



Photograph No. 44

Date: December 2017

Direction: Northwest

Description:
Wetland R



Photographic Documentation

Client: Hecate Energy Highland LLC

Project Number: N1177433

Location: Highland County, Ohio

Photographer: M. Perkins, S. West

Photograph No. 45

Date: December 2017

Direction: South

Description:
Stream 16



Photograph No. 46

Date: December 2017

Direction: West

Description:
Stream 17 (entering Wetland S)



Photographic Documentation

Client: Hecate Energy Highland LLC

Project Number: N1177433

Location: Highland County, Ohio

Photographer: M. Perkins, S. West

Photograph No. 47

Date: December 2017

Direction: East

Description:
Wetland S



Photograph No. 48

Date: December 2017

Direction: North

Description:
Stream 18 Culvert



Photographic Documentation

Client: Hecate Energy Highland LLC

Project Number: N1177433

Location: Highland County, Ohio

Photographer: M. Perkins, S. West

Photograph No. 49

Date: December 2017

Direction: East

Description:

Stream 19



Photograph No. 50

Date: December 2017

Direction: Northeast

Description:

Stream 20 (North Fork White Oak Creek)



Photographic Documentation

Client: Hecate Energy Highland LLC

Project Number: N1177433

Location: Highland County, Ohio

Photographer: M. Perkins, S. West

Photograph No. 51

Date: December 2017

Direction: Northwest

Description:
Stream 21



Photograph No. 52

Date: December 2017

Direction: West

Description:
Stream 22 at the confluence with
Stream 21



This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

10/9/2018 7:14:36 PM

in

Case No(s). 18-1334-EL-BGN

Summary: Application Exhibit G (Part 3) electronically filed by Ms. Karen A. Winters on behalf of Hecate Energy Highland LLC