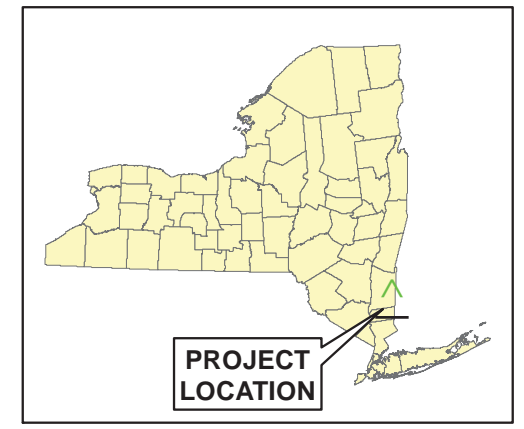


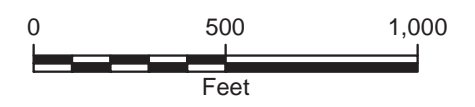
Figures: Natural Resources

User: MNesta
Path: G:\Project\GIS\CRICKET\MXD\20120604_Section3\CV_ProjectProperty.mxd



- Legend**
- Project Development Area
 - Rasco Parcel
 - Property
 - Elevation Contour - 10ft

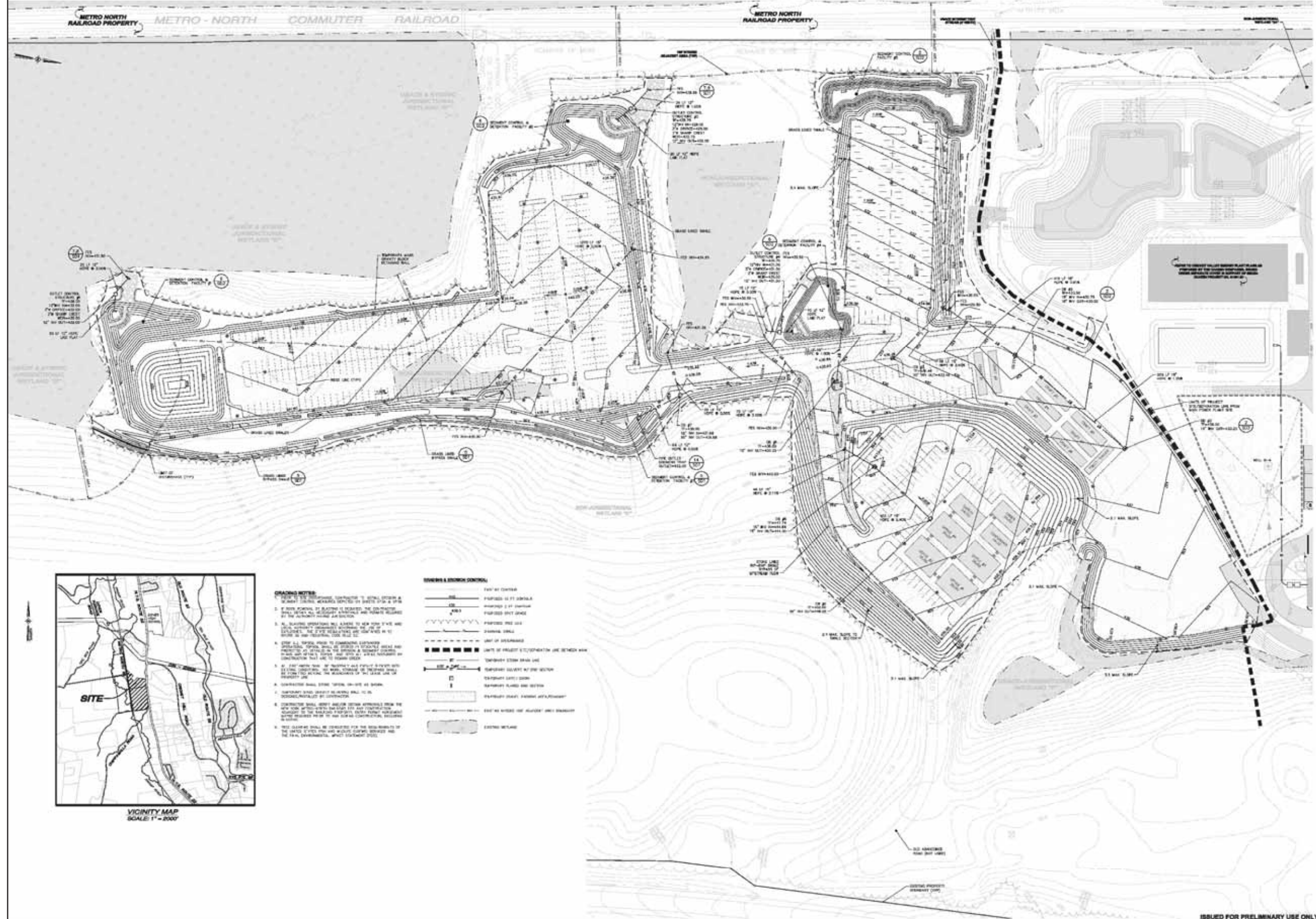
SOURCE:
2009 Dutchess County Color Infrared Orthoimagery
obtained from NYS GIS Clearinghouse.
<http://www.nysgis.state.ny.us/gateway/mg/2004/dutchess/>



**CRICKET VALLEY
ENERGY**

**FIGURE 3-1
CURRENT PROJECT
PROPERTY**

Town of Dover, Dutchess County, New York



VICINITY MAP
SCALE 1" = 2000'

- CRACKING NOTES**
1. ALL CRACKS SHALL BE REPAIRED TO THE ORIGINAL FINISH OR BETTER.
 2. ALL CRACKS SHALL BE REPAIRED TO THE ORIGINAL FINISH OR BETTER.
 3. ALL CRACKS SHALL BE REPAIRED TO THE ORIGINAL FINISH OR BETTER.
 4. ALL CRACKS SHALL BE REPAIRED TO THE ORIGINAL FINISH OR BETTER.
 5. ALL CRACKS SHALL BE REPAIRED TO THE ORIGINAL FINISH OR BETTER.
 6. ALL CRACKS SHALL BE REPAIRED TO THE ORIGINAL FINISH OR BETTER.
 7. ALL CRACKS SHALL BE REPAIRED TO THE ORIGINAL FINISH OR BETTER.
 8. ALL CRACKS SHALL BE REPAIRED TO THE ORIGINAL FINISH OR BETTER.
 9. ALL CRACKS SHALL BE REPAIRED TO THE ORIGINAL FINISH OR BETTER.
 10. ALL CRACKS SHALL BE REPAIRED TO THE ORIGINAL FINISH OR BETTER.

STANDARD & SYMBOLS

SYMBOL	DESCRIPTION
---	FOOT BY CENTER
- - -	FOOTING 12 FT CENTER
- . - .	FOOTING 10 FT CENTER
- . - - -	FOOTING 8 FT CENTER
----	FOOTING 6 FT CENTER
---	FOOTING 4 FT CENTER
- - -	FOOTING 2 FT CENTER
.....	FOOTING 1 FT CENTER
---	FOOTING 0 FT CENTER
---	FOOTING 1 FT CENTER
---	FOOTING 2 FT CENTER
---	FOOTING 3 FT CENTER
---	FOOTING 4 FT CENTER
---	FOOTING 5 FT CENTER
---	FOOTING 6 FT CENTER
---	FOOTING 7 FT CENTER
---	FOOTING 8 FT CENTER
---	FOOTING 9 FT CENTER
---	FOOTING 10 FT CENTER
---	FOOTING 11 FT CENTER
---	FOOTING 12 FT CENTER
---	FOOTING 13 FT CENTER
---	FOOTING 14 FT CENTER
---	FOOTING 15 FT CENTER
---	FOOTING 16 FT CENTER
---	FOOTING 17 FT CENTER
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---	FOOTING 41 FT CENTER
---	FOOTING 42 FT CENTER
---	FOOTING 43 FT CENTER
---	FOOTING 44 FT CENTER
---	FOOTING 45 FT CENTER
---	FOOTING 46 FT CENTER
---	FOOTING 47 FT CENTER
---	FOOTING 48 FT CENTER
---	FOOTING 49 FT CENTER
---	FOOTING 50 FT CENTER

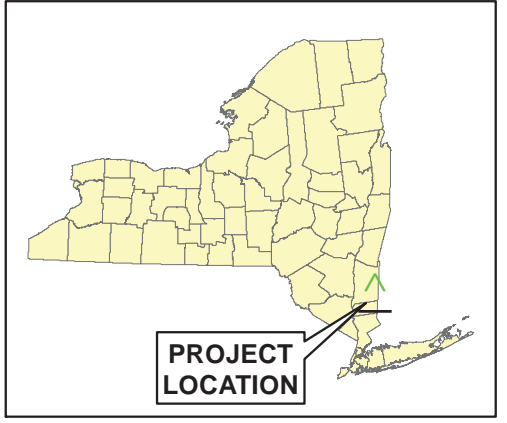
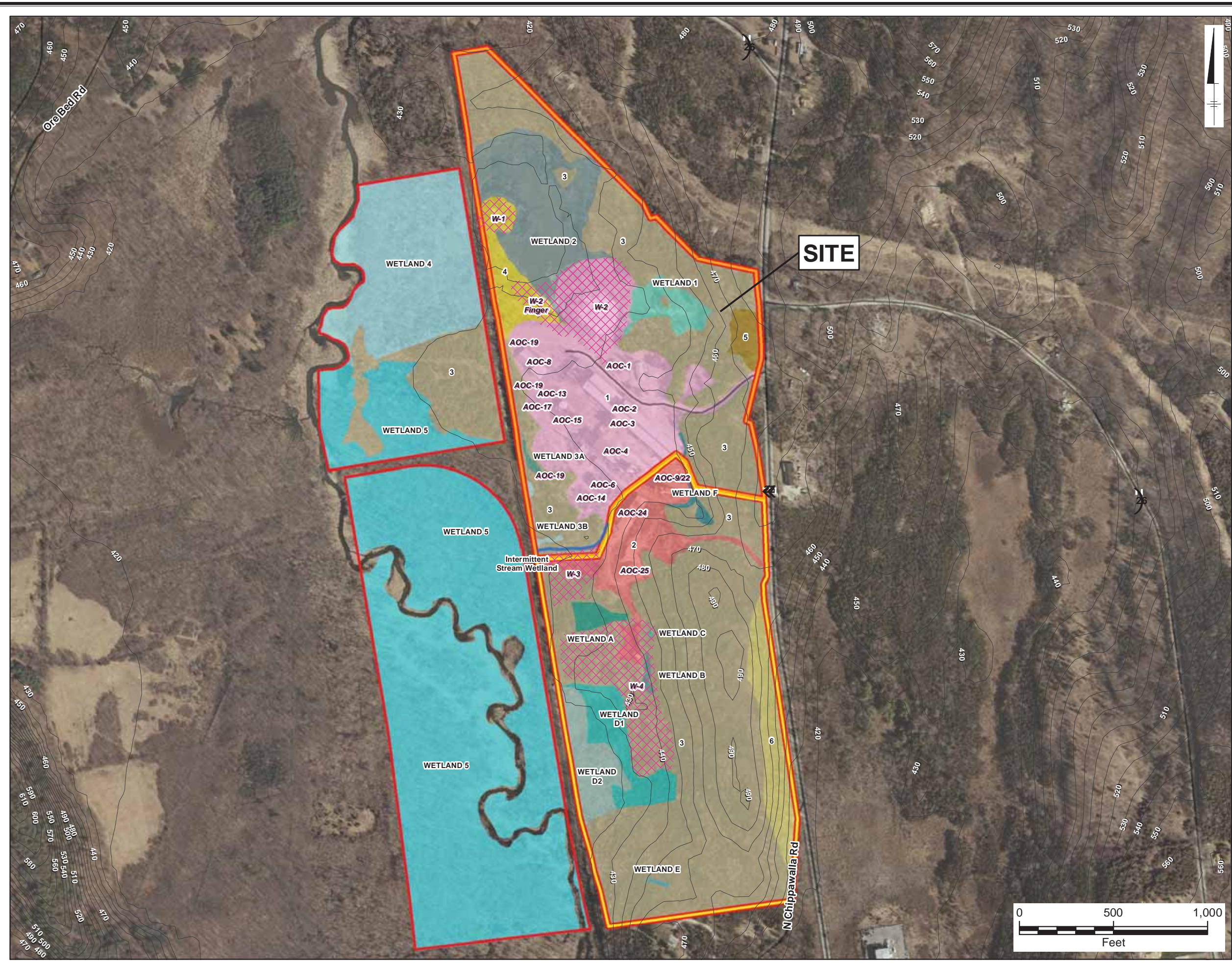
ISSUED FOR PRELIMINARY USE ONLY



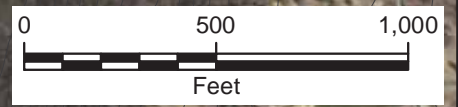
CRICKET VALLEY ENERGY
FIGURE 3-2
PROPOSED TEMPORARY CONSTRUCTION AREA - FORMER RASCO PARCEL

Town of Dover, Dutchess County, New York

User: M\Nesta
 Path: G:\Project\GIS\CRICKET\MXD\20120604_Section3\CV_LandCoverTypeMap.mxd



- Legend**
- Project Development Area
 - Former Rasco Parcel
 - Property
 - 1 - Rural Structure Exterior/Mowed Lawn with Trees with Paved & Unpaved Road/Path
 - 2 - Rural Structure Exterior & Unpaved Rd/Path - Former Rasco Parcel
 - 3 - Successional Red Cedar Woodland
 - 4 - Successional Southern Hardwoods 1
 - 5 - Successional Southern Hardwoods 2
 - 6 - Successional Southern Hardwoods 3
 - Intermittent Stream Wetland
 - Wetland 1 - Reed Grass/Purple Loosestrife Marsh
 - Wetland 2 - Reed Grass/Purple Loosestrife Marsh
 - Wetland 3A - Reed Grass/Purple Loosestrife Marsh
 - Wetland 3B - Reed Grass/Purple Loosestrife Marsh
 - Wetland 4 - Deciduous Forest Wetland
 - Wetland 5 - Deciduous Forest Wetland
 - Wetland A - Red Maple-Hardwood Swamp
 - Wetland B - Shrub Swamp
 - Wetland C - Shrub Swamp
 - Wetland D1 - Successional Red Cedar Woodland & Red Maple-Hardwood Swamp
 - Wetland D2 - Red Maple-Hardwood Swamp
 - Wetland E - Floodplain Forest
 - Wetland F - Floodplain Forest & Reed Grass/Purple Loosestrife Marsh
 - Extent of Waste Pile
 - Elevation Contour - 10ft

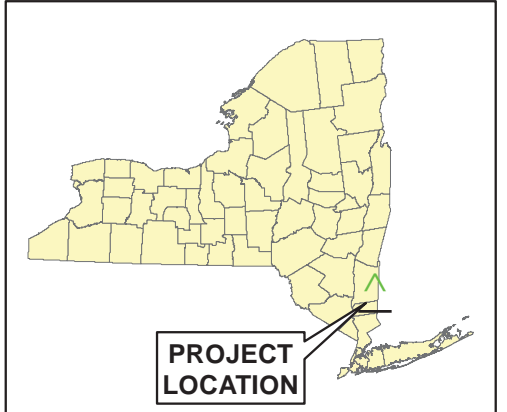
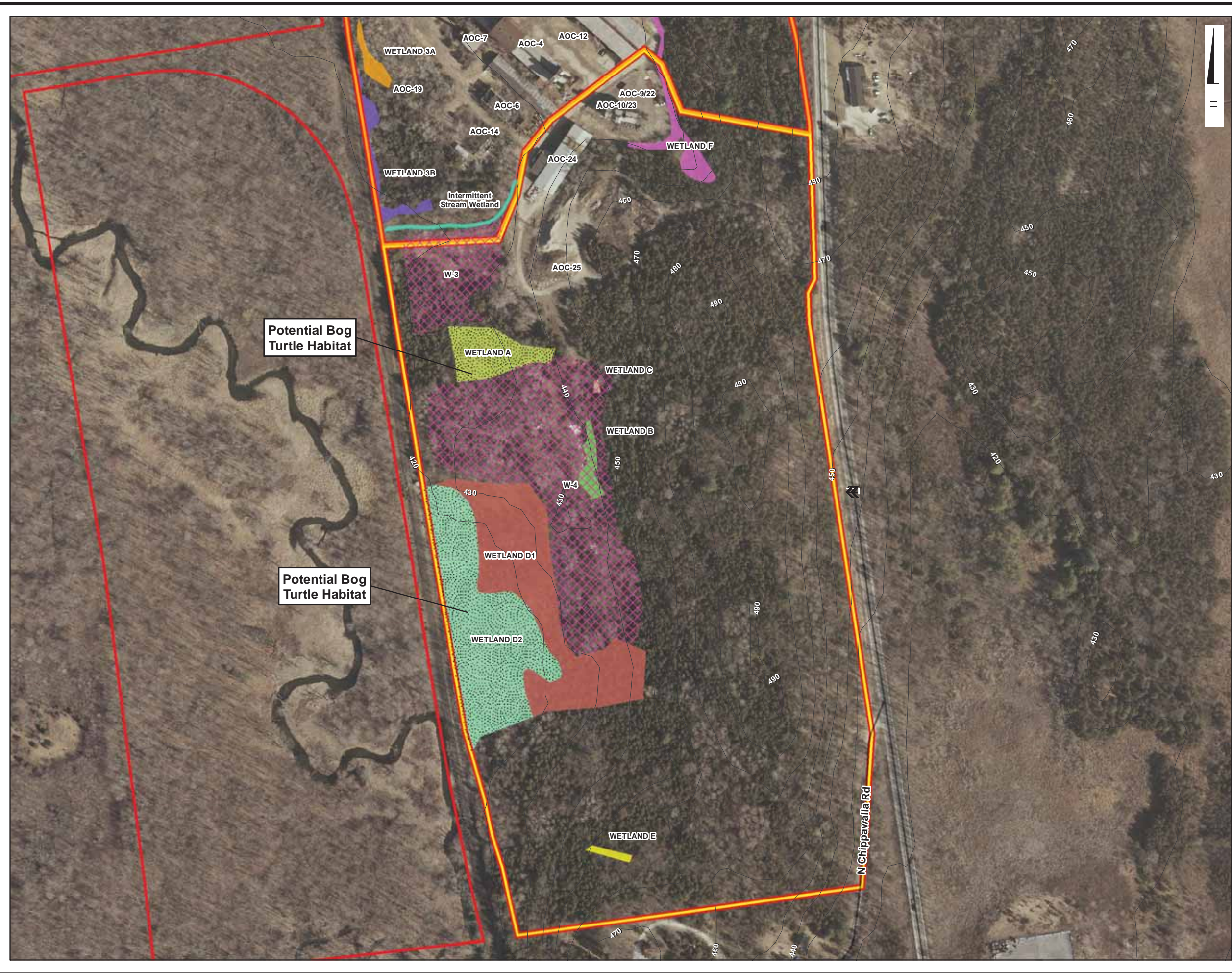


CRICKET VALLEY ENERGY

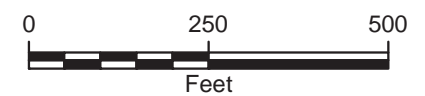
**FIGURE 3-3
 LAND COVER TYPE MAP**

Town of Dover, Dutchess County, New York

User: MNeeta
Path: G:\project\GIS\CRICKET\WXD\20120604_Section3\CV_RascoDelin\Wetlands.mxd



- Legend**
- Project Development Area
 - Rasco Parcel
 - Property
 - Extent of Waste Pile
 - Potential Bog Turtle Habitat
 - Elevation Contour - 10ft
 - Intermittent Stream Wetland
 - Wetland 3A - Reed Grass/Purple Loosestrife Marsh
 - Wetland 3B - Reed Grass/Purple Loosestrife Marsh
 - Wetland A - Red Maple-Hardwood Swamp
 - Wetland B - Shrub Swamp
 - Wetland C - Shrub Swamp
 - Wetland D1 - Successional Red Cedar Woodland & Red Maple-Hardwood Swamp
 - Wetland D2 - Red Maple-Hardwood Swamp
 - Wetland E - Floodplain Forest
 - Wetland F - Floodplain Forest & Reed Grass/Purple Loosestrife Marsh

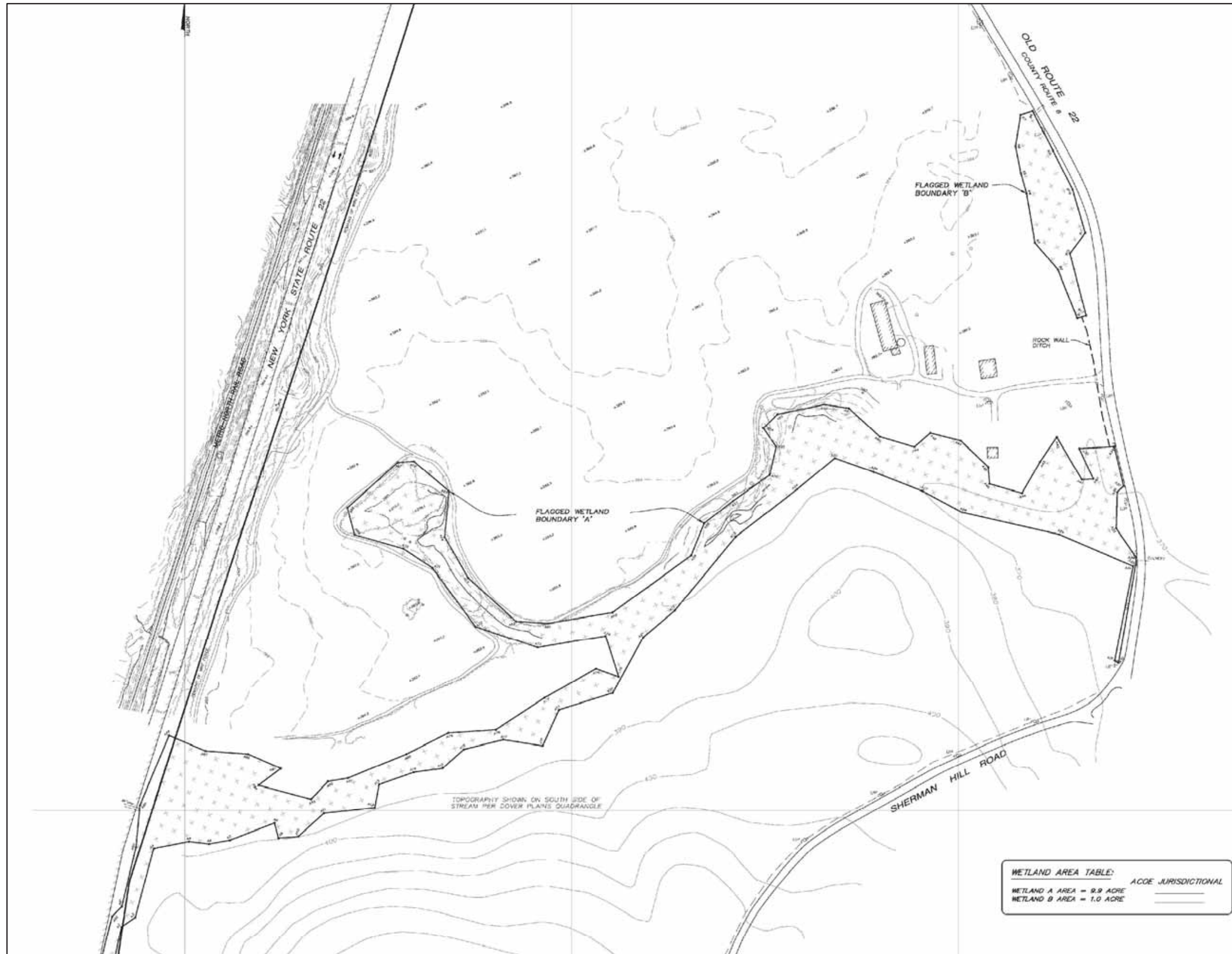


CRICKET VALLEY ENERGY

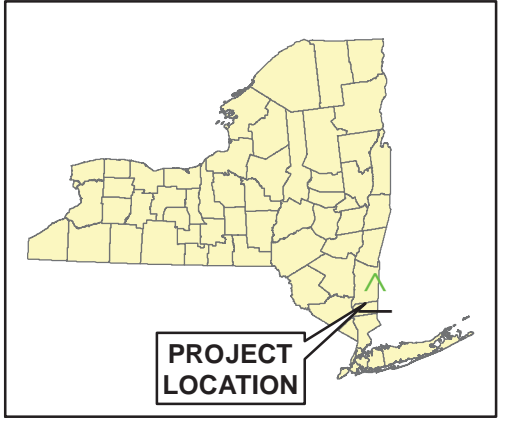
**FIGURE 3-4
FORMER RASCO PARCEL
DELINEATED WETLANDS**

Town of Dover, Dutchess County, New York

User: MNeeta
Path: G:\projects\GIS\CRICKET\WXD20120604_Section3\CV_Laydown\WeCAD.mxd

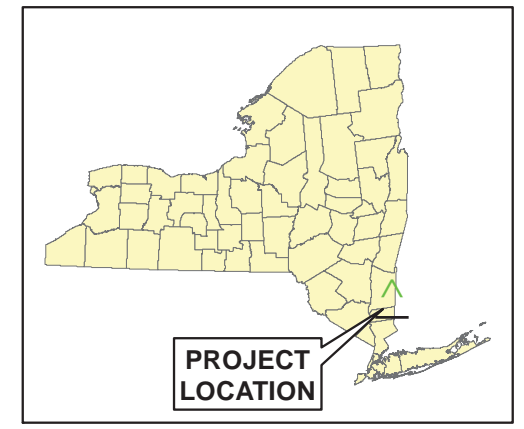
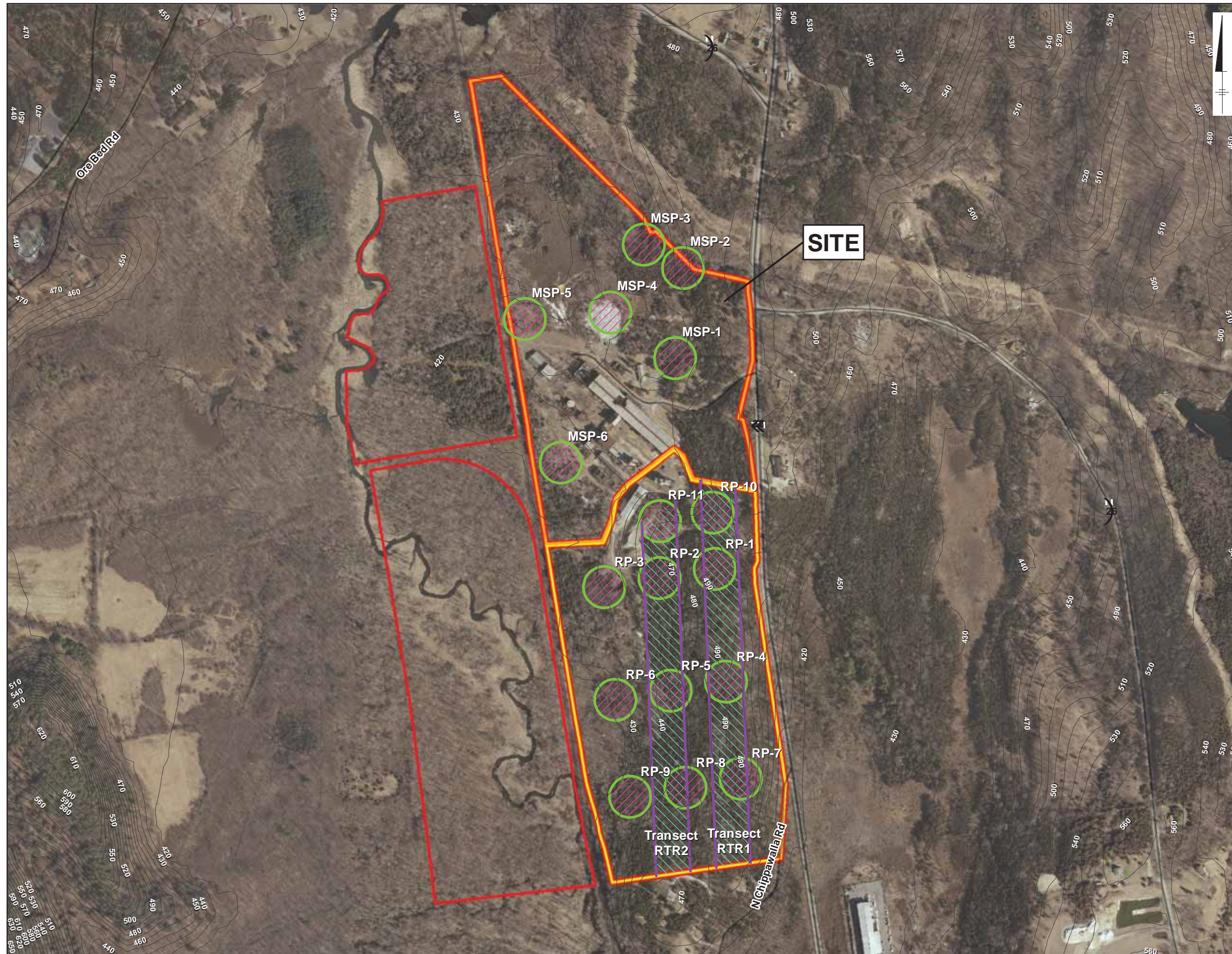


WETLAND AREA TABLE:	
WETLAND A AREA = 9.9 ACRE	ACOE JURISDICTIONAL
WETLAND B AREA = 1.0 ACRE	_____

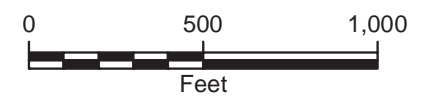


CRICKET VALLEY ENERGY
FIGURE 3-5
REMOTE LAYDOWN SITE DELINEATED WETLANDS

Town of Dover, Dutchess County, New York



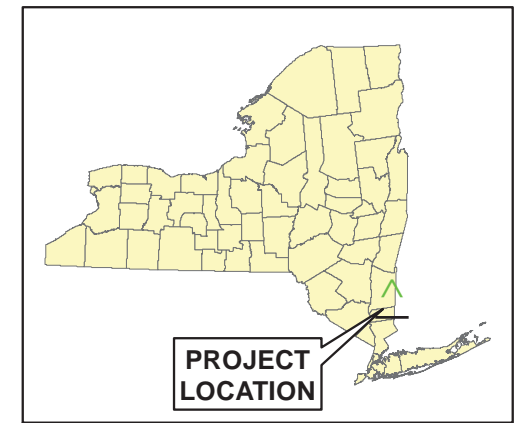
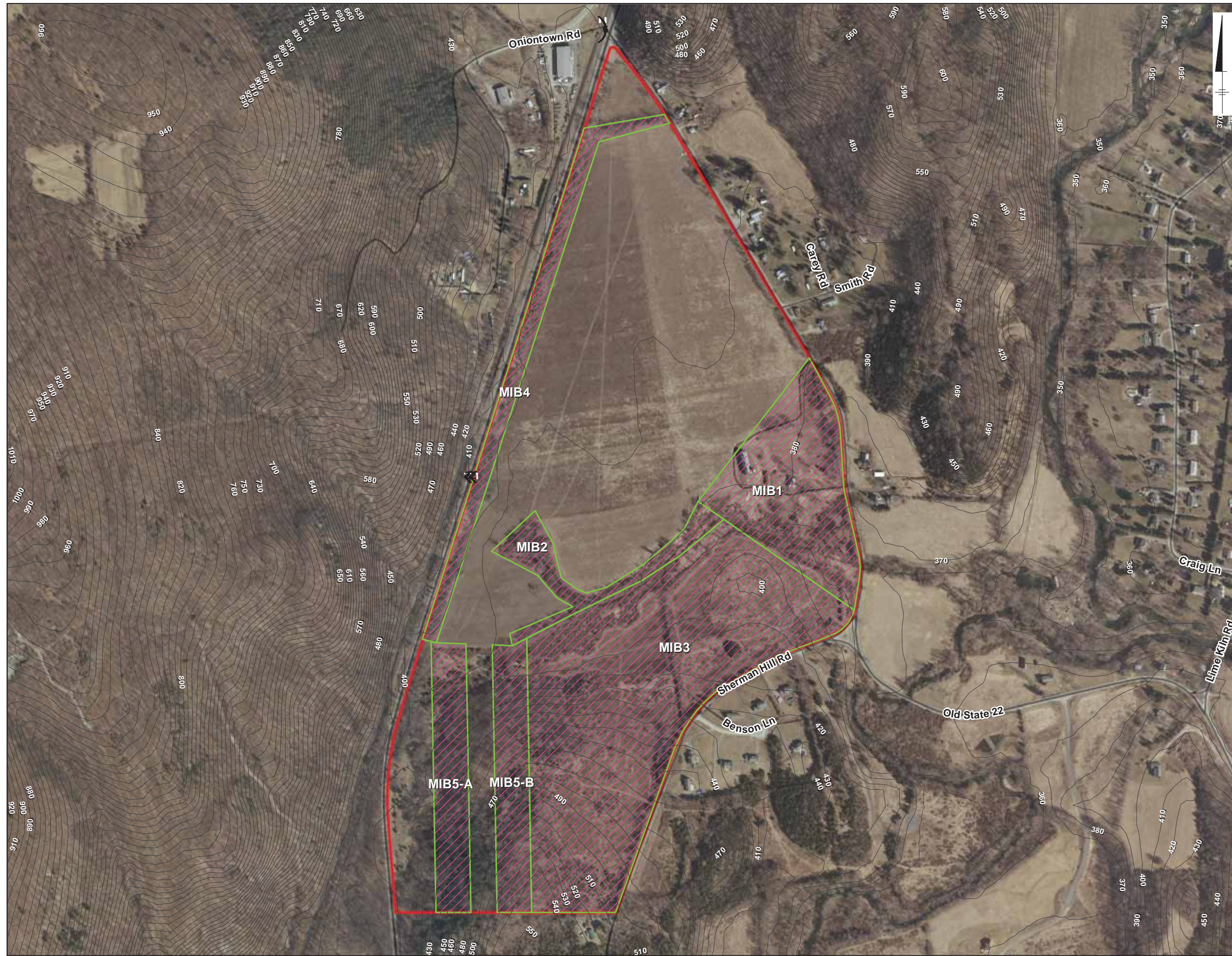
- Legend**
- Project Development Area
 - Former Rasco Parcel
 - Property
 - Indiana Bat Sample Plot
 - Timber Rattlesnake Habitat Suitability Assessment Transect
 - Elevation Contour - 10ft



CRICKET VALLEY ENERGY

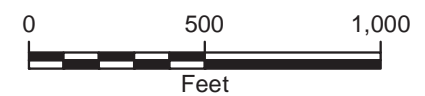
**FIGURE 3-6
PROPERTY HABITAT
SURVEY LOCATIONS**

Town of Dover, Dutchess County, New York



- Legend**
- Indiana Bat Habitat Suitability Assessment Plots
 - Laydown Review Area
 - Elevation Contour - 10ft

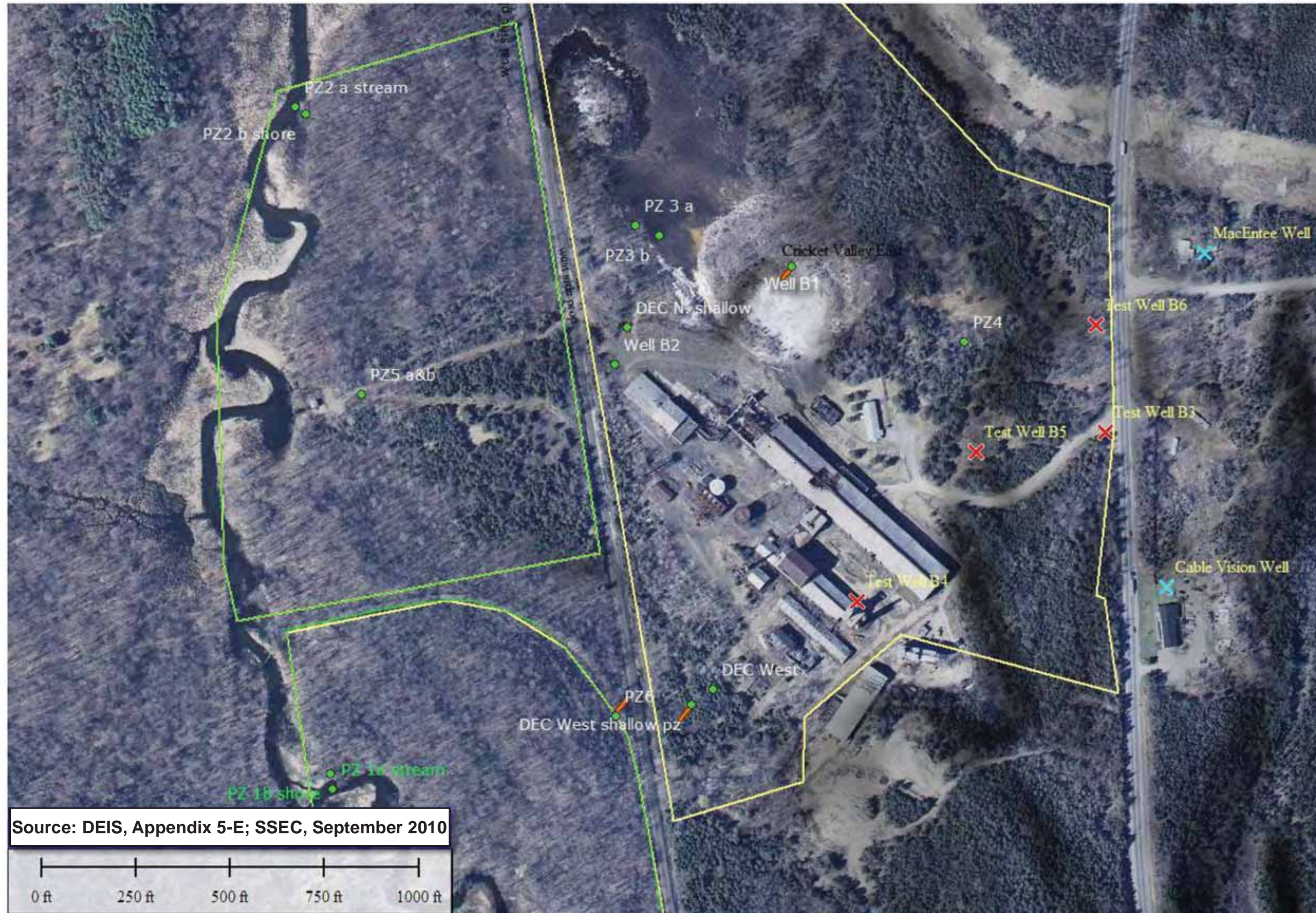
SOURCE:
2009 Dutchess County Color Infrared Orthoimagery
obtained from NYS GIS Clearinghouse.
<http://www.nysgis.state.ny.us/gateway/mg/2004/dutchess/>



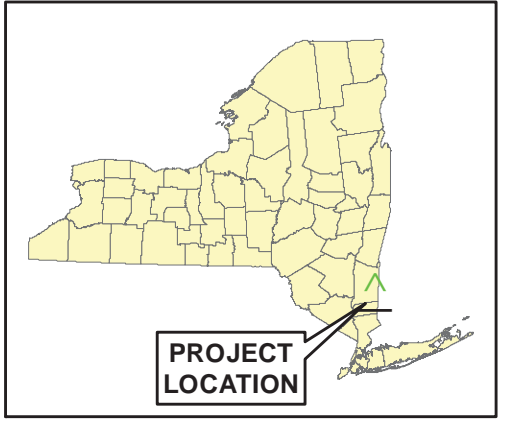
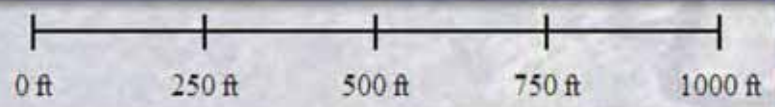
CRICKET VALLEY ENERGY

**FIGURE 3-7
REMOTE LAYDOWN SITE
HABITAT SURVEY LOCATIONS**

Town of Dover, Dutchess County, New York



Source: DEIS, Appendix 5-E; SSEC, September 2010



PROJECT LOCATION

Legend

() Piezometer Location



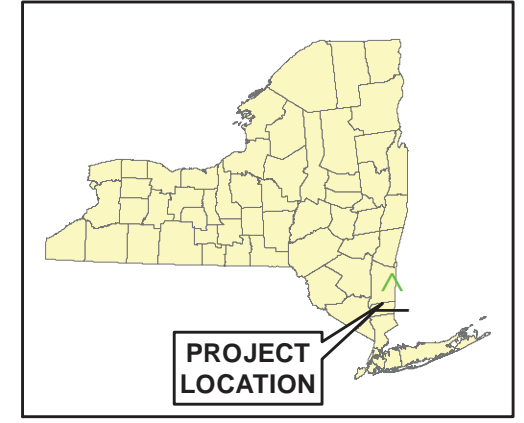
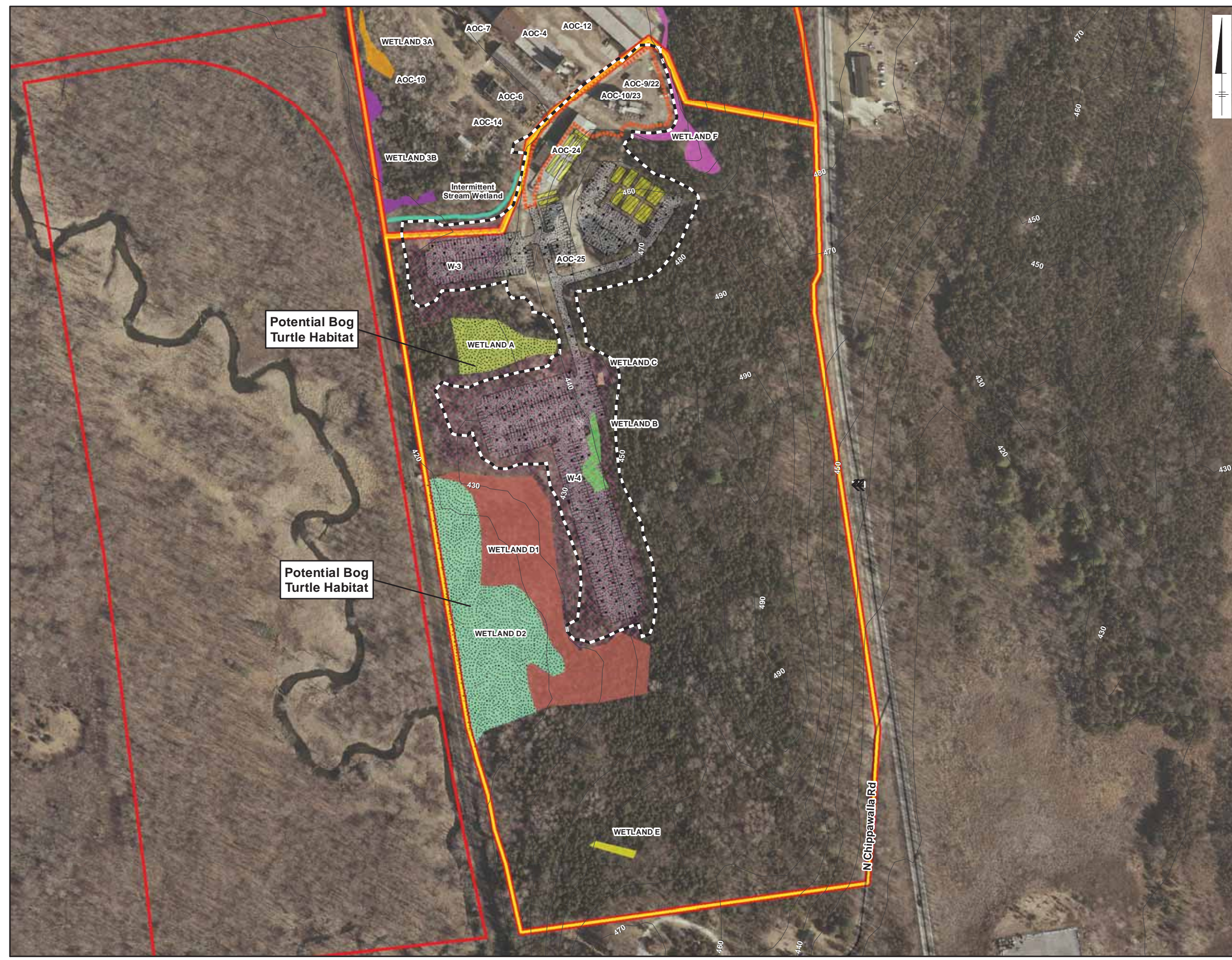
CRICKET VALLEY ENERGY

FIGURE 3-8

LOCATION OF PIEZOMETERS

Town of Dover, Dutchess County, New York

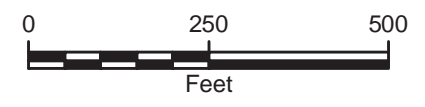
User: M:\Nesta Path: G:\project\GIS\CRICKET\WXD\20120713\CV_Piezometers2.mxd



PROJECT LOCATION

Legend

- Project Development Area
- Rasco Parcel
- Property
- Temporary Work Area
- Temporary Trailers
- Temporary Parking Area
- Construction Laydown Area
- Extent of Waste Pile
- Potential Bog Turtle Habitat
- Elevation Contour - 10ft
- Intermittent Stream Wetland
- Wetland 3A - Reed Grass/Purple Loosestrife Marsh
- Wetland 3B - Reed Grass/Purple Loosestrife Marsh
- Wetland A - Red Maple-Hardwood Swamp
- Wetland B - Shrub Swamp
- Wetland C - Shrub Swamp
- Wetland D1 - Successional Red Cedar Woodland & Red Maple-Hardwood Swamp
- Wetland D2 - Red Maple-Hardwood Swamp
- Wetland E - Floodplain Forest
- Wetland F - Floodplain Forest & Reed Grass/Purple Loosestrife Marsh



CRICKET VALLEY ENERGY

FIGURE 3-9
TEMPORARY WORK AREA
FORMER RASCO PARCEL

Town of Dover, Dutchess County, New York

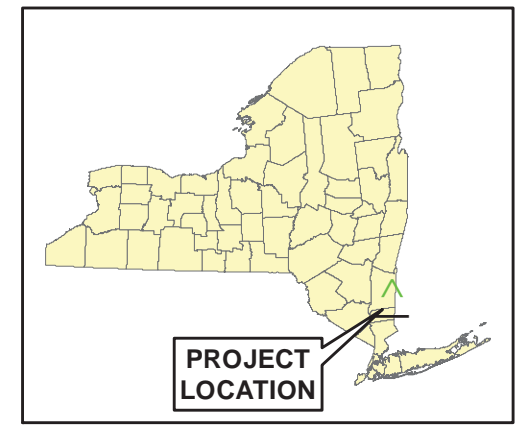
User: M:\nesta
Path: G:\project\GIS\CRICKET\WXD\20120604_Section3\CV_Resource\Photos.mxd



Photograph 1: Northern portion of the TWA showing filled plateau-like area and higher mounds of fill in the background.



Photograph 5: Graded area in the central portion of the TWA.



Photograph 2: Raised fill piles sit on top of graded low lying ground in the northwest portion of the TWA.



Photograph 6: Large fill pile in the southern portion of the TWA.



Photograph 9: Graded area in northeast portion of the TWA.



Photograph 3: Filled and graded terrain in the central portion of the TWA.



Photograph 7: Portion of filled wetland in southeast portion of the TWA.



Photograph 10: Graded portion of existing dirt road in northeast portion of the TWA.



Photograph 4: Large fill pile in east central portion of the TWA.



Photograph 8: Wetland in southeast portion of the TWA.

ARCADIS
CRICKET VALLEY ENERGY

FIGURE 3-10
PHOTOGRAPHIC VIEWS WITHIN THE TEMPORARY WORK AREA – FORMER RASCO PARCEL

Town of Dover, Dutchess County, New York