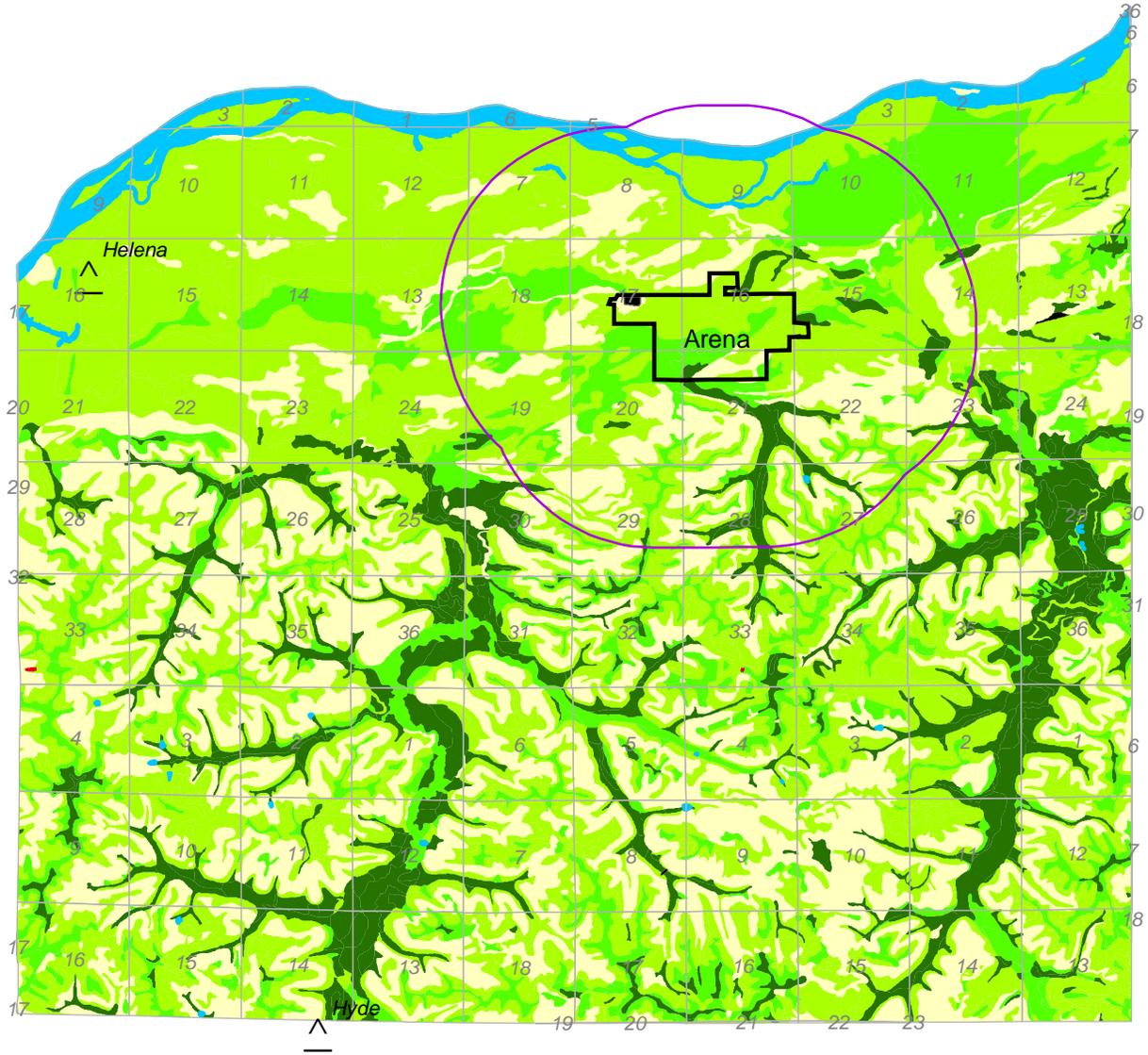


ARENA SOIL CLASSIFICATIONS

- IOWA COUNTY, WISCONSIN -

MAP E.1



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March 28, 2005

Legend

- | | |
|-------------------------|------------------|
| Municipal Boundaries | Local Soils |
| Sections | Other Soils |
| 1.5 ETZ Mile Buffer | Quarries |
| Unincorporated Villages | Other |
| Prime Soils | Rivers And Lakes |
| State Soils | |

1 inch equals 1.61 miles

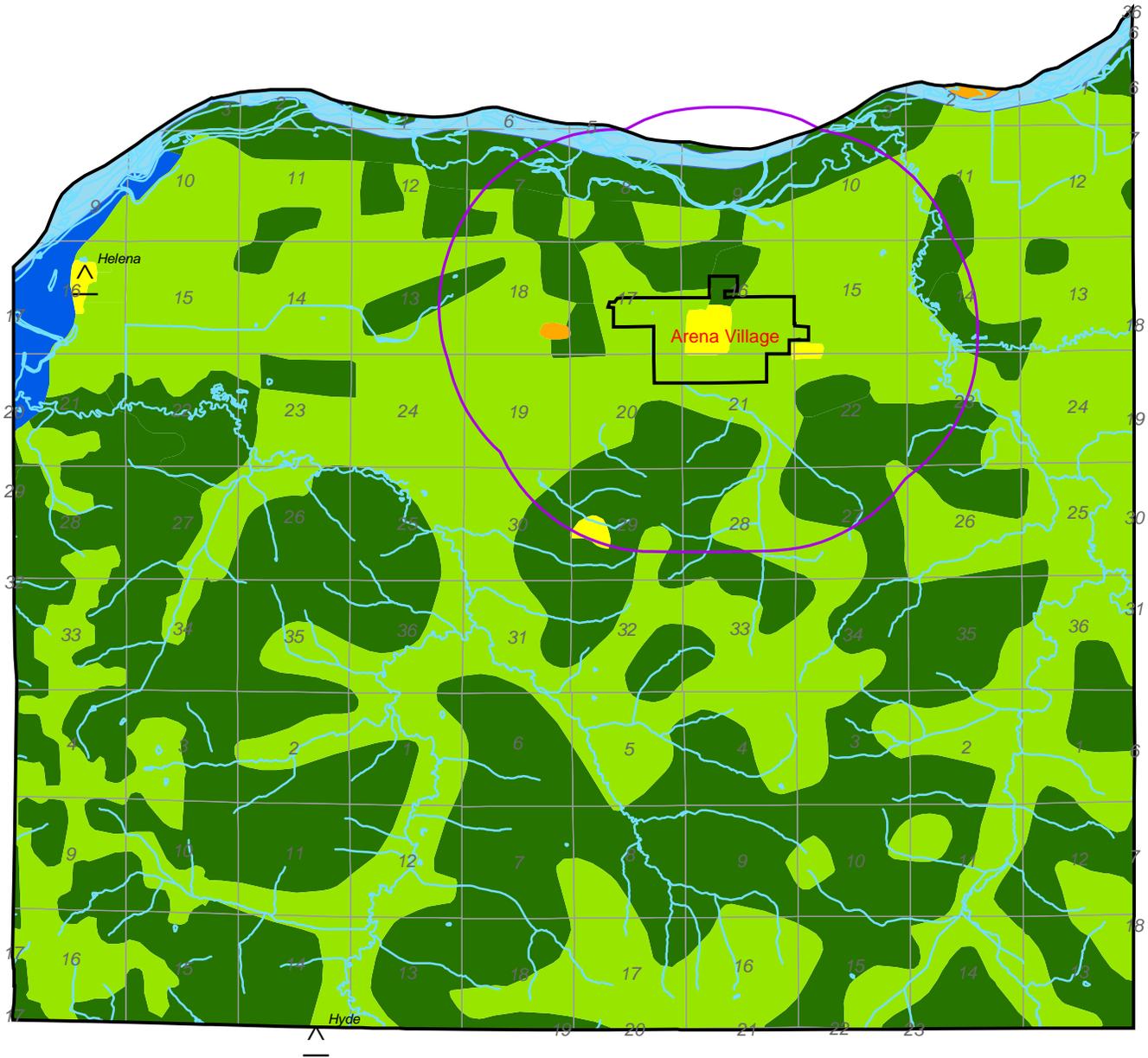


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TOWN OF ARENA LAND COVER

- IOWA COUNTY, WISCONSIN -

MAP E.2



Legend

- | | |
|-----------------------|-------------------|
| Municipal Boundaries | Forest |
| 1.5 Mile ETZ Buffer | Open Water/Rivers |
| Sections | Urban/Developed |
| Uncorporated Villages | Wetland |
| Agriculture | Barren |

1 inch equals 1.47 miles



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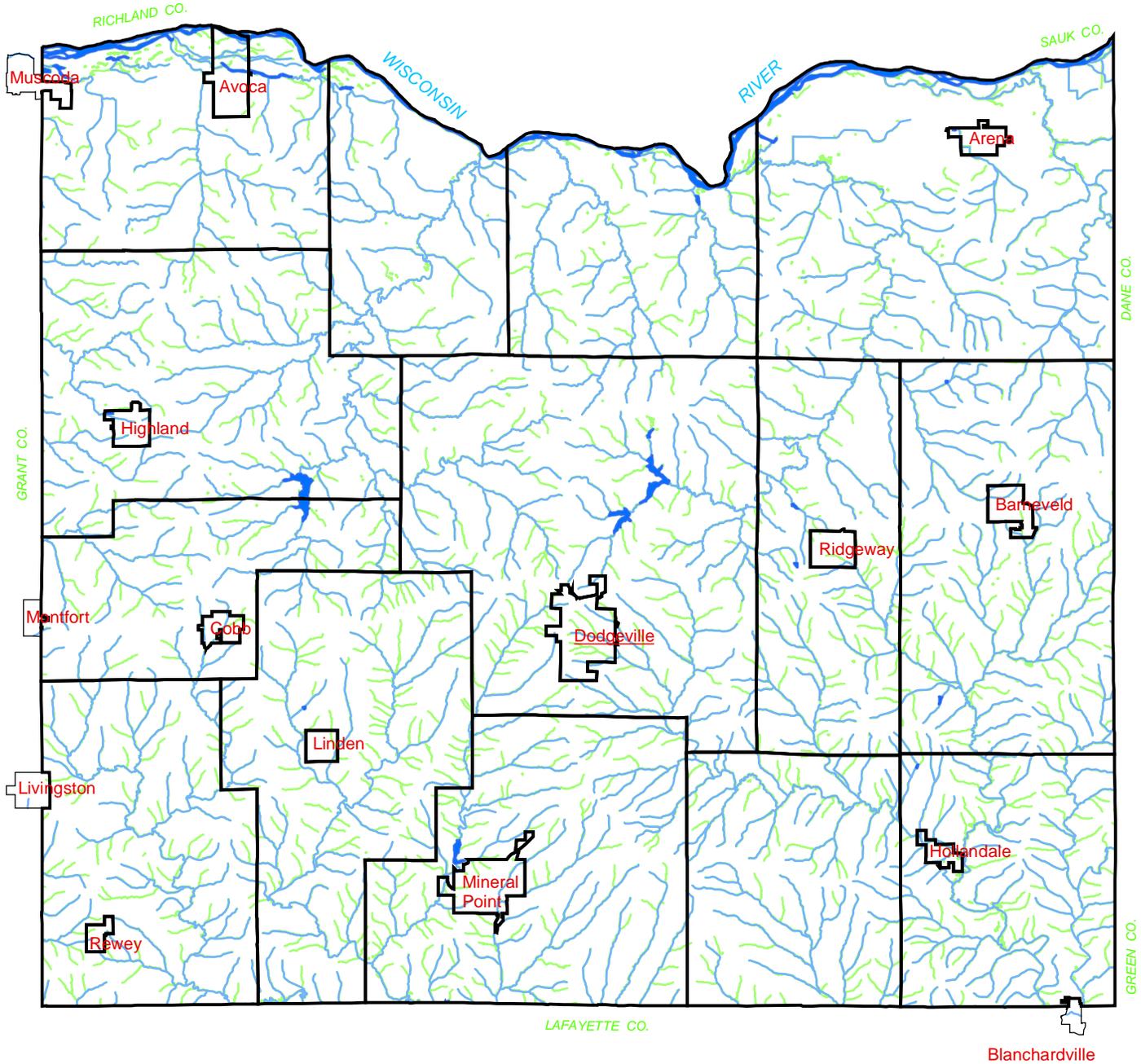
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SURFACE WATER RESOURCES

- IOWA COUNTY, WISCONSIN -

MAP E.3



Legend

-  Municipal Boundaries
-  Lakes / Large Rivers
-  Intermittent Streams
-  Perennial Streams

1 inch equals 4.34 miles



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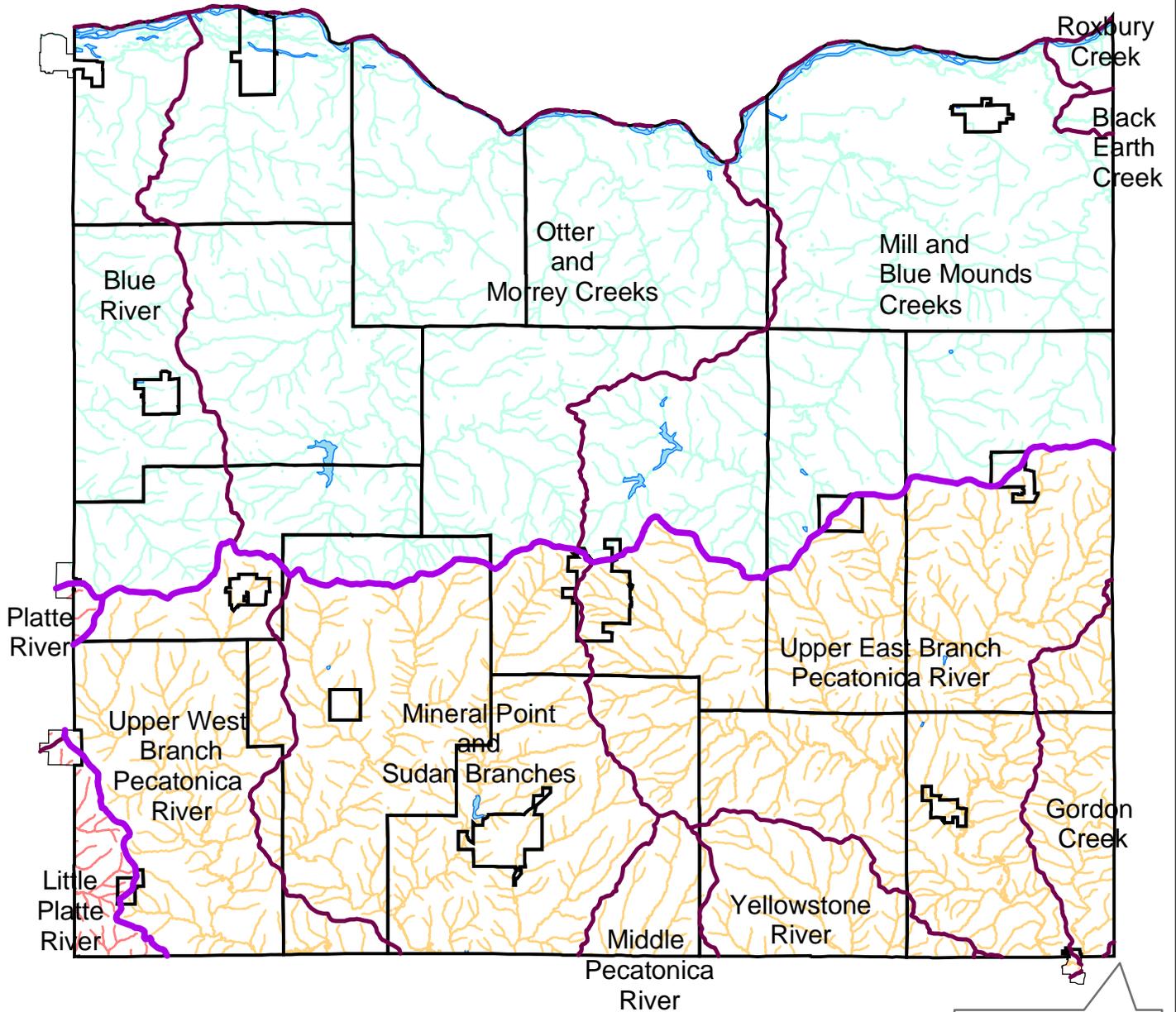


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December 16, 2004

IOWA COUNTY RIVER BASINS AND WATERSHEDS

MAP E.4



Lower East Branch Pecatonica River

Legend

-  MUNICIPAL BOUNDARY
-  LAKES / LARGE RIVERS
-  RIVER BASIN BOUNDARY
-  WATERSHED BOUNDARY
-  LOWER WISCONSIN RIVER BASIN
-  SUGAR - PECATONICA RIVER BASIN
-  GRANT - PLATTE RIVER BASIN

1 inch equals 4.54 miles



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July 8, 2004

FEMA FLOODPLAIN

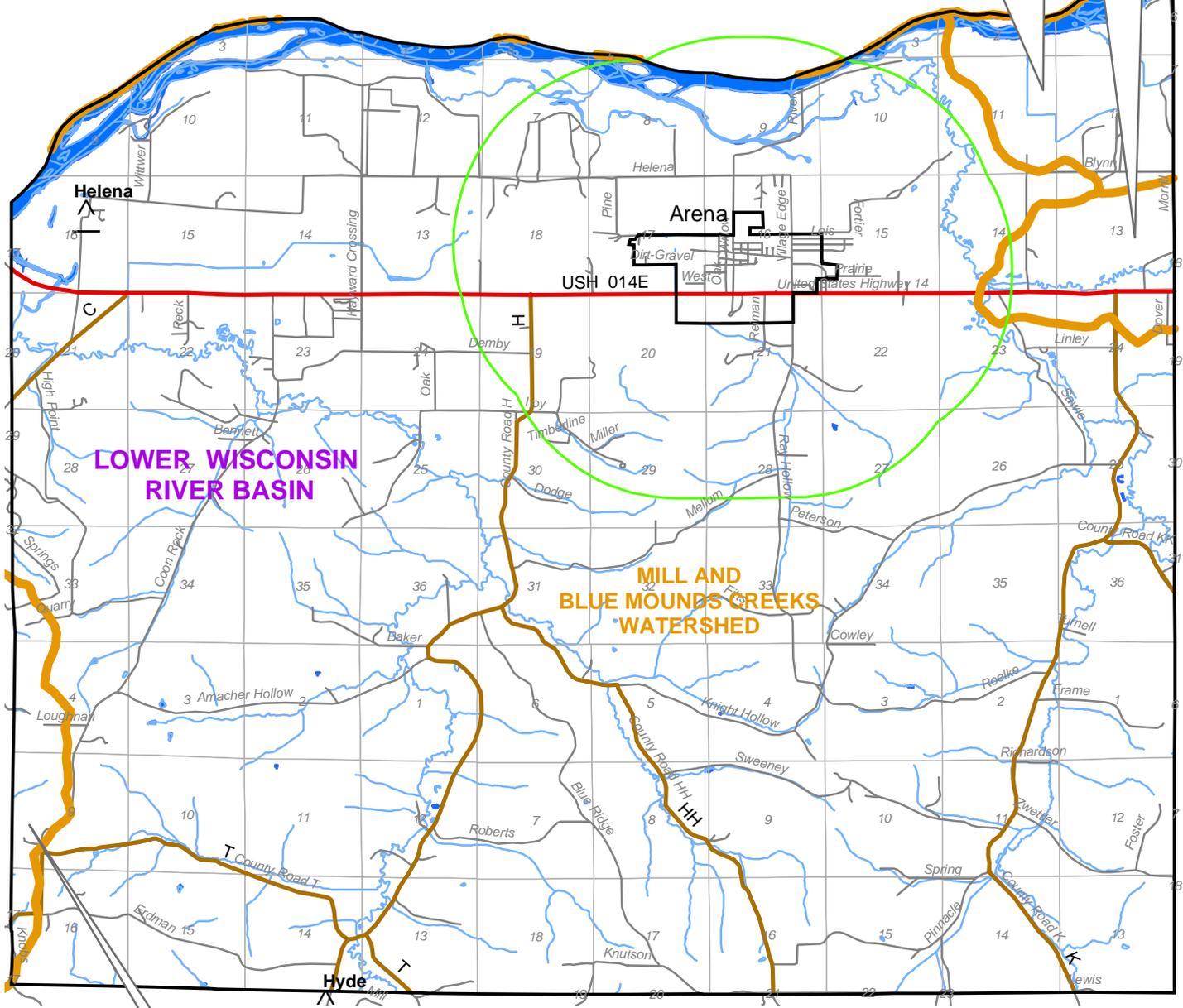
MAP E.5

- TOWN OF ARENA -

- IOWA COUNTY, WISCONSIN -

BLACK EARTH CREEK WATERSHED

ROXBURY CREEK WATERSHED



LOWER WISCONSIN RIVER BASIN

MILL AND BLUE MOUNDS CREEKS WATERSHED

OTTER AND MORREY CREEKS WATERSHED

Note: The town of Arena is completely within the Lower Wisconsin River Basin.

Legend

Municipal Boundaries	Local Roads/Drives
1.5 Mile ETZ Buffer	Water Basin Boundary
Sections	Watershed Boundary
Unincorporated Villages	Rivers And Lakes
US Highways - USH	
County Highways - CTH	

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1 inch equals 1.35 miles

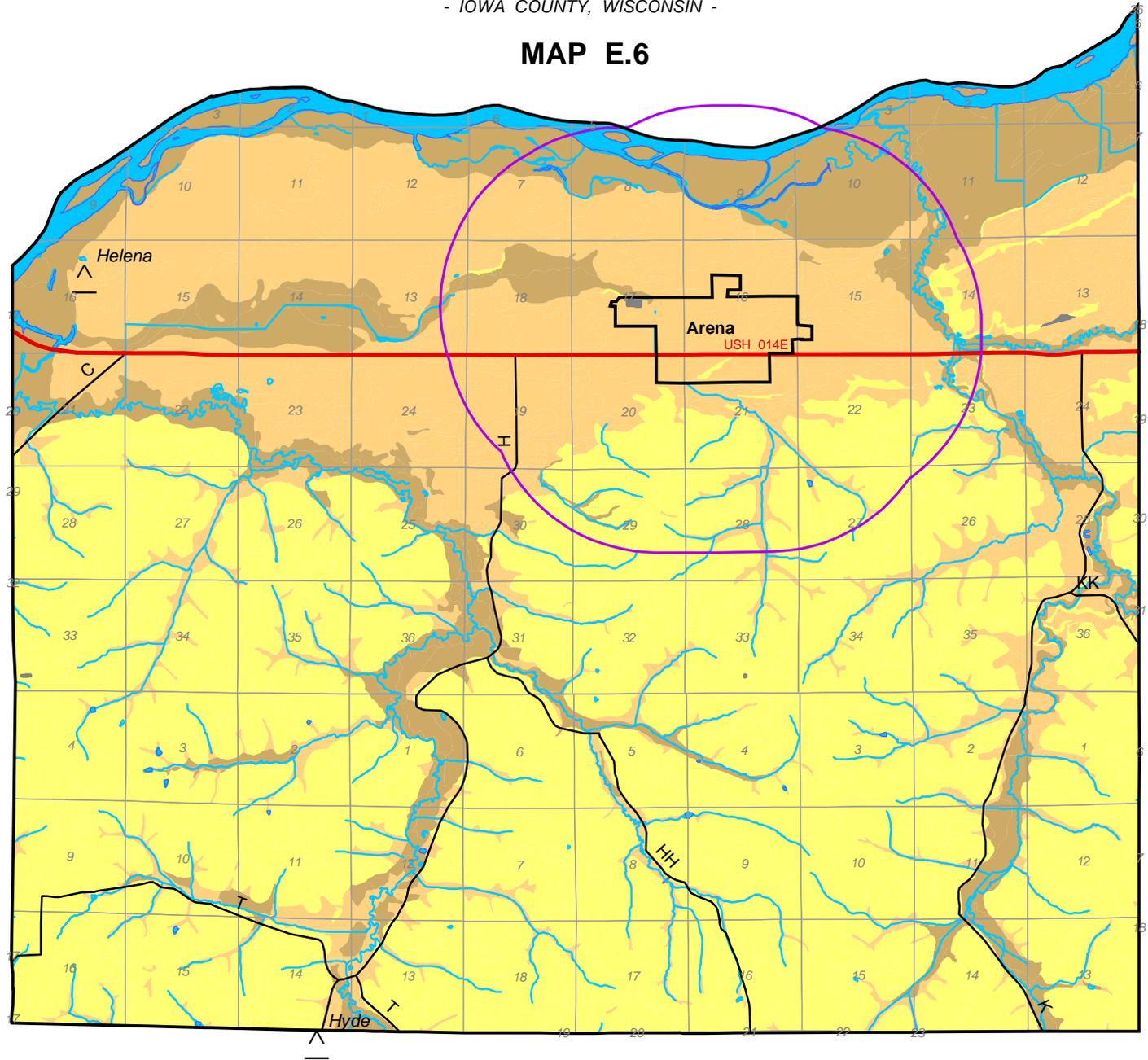


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TOWN OF ARENA DEPTH TO WATER TABLE

- IOWA COUNTY, WISCONSIN -

MAP E.6



Legend

- Municipal Boundaries
- Sections
- 1.5 Mile ETZ Buffer
- Unincorporated Villages
- Major Roads
- County Roads
- More Than 20' To Water Table
- From 5' To 20' To Water Table
- Less Than 5' To Water Table
- Other Features
- Rivers And Lakes

1 inch equals 1.37 miles



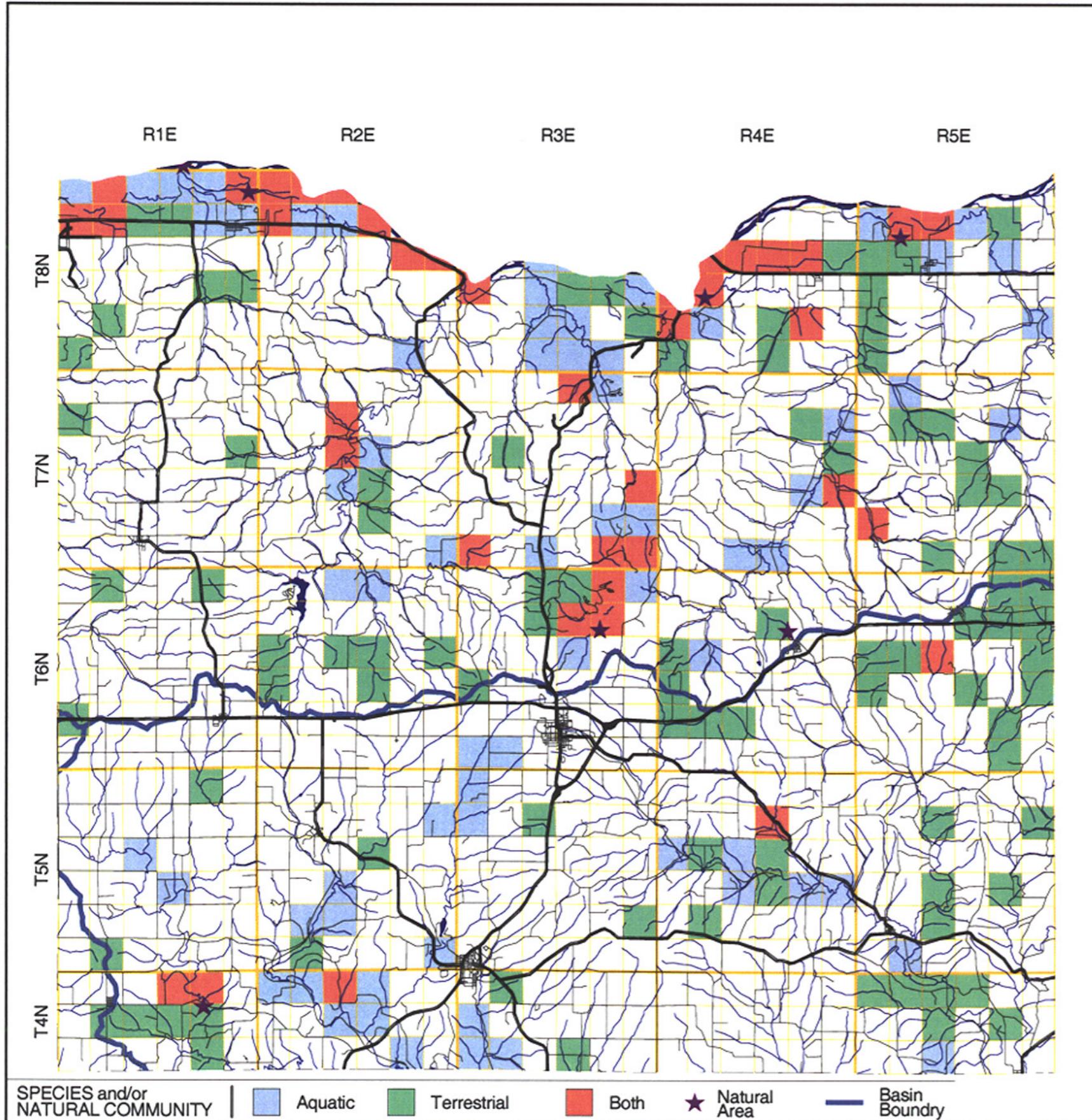
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IOWA COUNTY NATURAL HERITAGE INVENTORY (NHI)

Iowa County



AQUATIC OCCURRENCES

- ANIMALS**
- Red shouldered hawk *Buteo lineatus* 1977
 - Blanchard's cricket frog *Acris crepitans blanchardi* 2000
 - Rock pocketbook *Ancistrus contrageus* 1967
 - Bald eagle *Haliaeetus leucocephalus* 1992
 - Muskrat *Fiber zibethicus* 1992
 - Weed shiner *Notropis texanus* 1980
 - Slender madtom *Niurus exilis* 1976
 - Greater redhorse *Moxostoma valenciennesi* 1957
 - Cyano darter *Nasasaetia pentacantha* 1964
 - Butterfly *Elliptaria lineolata* 1997
 - Buckhorn *Tilapia verrucosa* 1997
 - Paddlefish *Polyodon spathula* 1992
 - Monkeyface *Quadrula melanera* 1988
 - Silver chub *Macrhybopsis storeriana* 1993
 - Banding turtle *Emydoidea blandingii* 2001
 - Ebony shell *Fusconia ebena* 1988
 - Ozark minnow *Notropis rubellus* 1994
 - Smoky shadowfish *Neurocorodula molesta* 1993
 - Shorl chub *Macrhybopsis aestivale* 1994
 - Redside dace *Clinostomus elongatus* 1977
 - Pirate perch *Aphredoderus sayanus* 1996
 - Mud darter *Etheostoma asprigine* 1972
 - Black buffalo *Ictalurus niger* 1982
 - Round pigtoe *Pleurobema sintoxia* 1997
 - Bluish clubshell *Syrinx rotulus* 1982
 - Bullhead *Pseudostyrax cyprius* 1985
 - Silamander mussel *Syrinx ambiguus* 1988
 - Higgins eye *Lampsilis higginsii* 1988
 - Slough sandshell *Lampsilis teres teres* 1988
 - Flat foater *Anodonta suborbiculata* 1988
 - Blue sucker *Cyrtopoma elongatus* 1995
 - Goldeye *Hiodon alosoides* 1977
 - Bullfrog *Rana catesbeiana* 1994
 - Eastern massasauga *Sistrurus catenatus catenatus* 1996
 - Wood turtle *Clemmys insculpta* 1956
 - Starhead lapminnow *Fundulus dispar* 1992
 - Western sand darter *Etheostoma clarum* 1994
 - Elkoe *Alasmidonta marginata* 1986
 - Knobel's rifle beetle *Sirenelmis knobelii* 0
 - A predaceous diving beetle *Loporeus triangulatus* 1965
 - Dion skipper *Euphyes dion* 1977
- PLANTS**
- Glade mallow *Napaea dioica* 1996
 - Sycamore *Pteris occidentalis* 1965
 - Small forget me not *Myosotis laxa* 1975
 - Whip nuthatch *Solenia trigonata* 1974
 - Yellow screwstem *Bartonia virginica* 1924
 - Crossleaf milkwort *Polygala cruciata* 1927
 - Showy lady's slipper *Cypripedium reginae* 1950
 - Engelmann spike rush *Eleocharis engelmannii* 1922
 - Pink milkwort *Polygala incarnata* 1929
 - Bog fern *Thelypteris simulata* 2000
 - Virginia meadow beauty *Rheda virginica* 1967
 - Small white lady's slipper *Cypripedium candidum* 1999
 - Slim stem small reedgrass *Calamagrostis stricta* 1937
 - Schweinitz's sedge *Carex schweinitzii* 1965
 - Grassleaf rush *Juncus marginatus* 1922
- NATURAL COMMUNITIES**
- Southern sedge meadow 1976
 - Emergent aquatic 1976
 - Floodplain forest 1968
 - Shrub oak 1976
 - Ephemeral pond 1976
 - Lake oxbow 1976
 - Stream forest, hard, cold 1976
 - Wet mesic prairie 1967

TERRESTRIAL OCCURRENCES

- ANIMALS**
- Net veined leafhopper *Polyamia dilata* 1997
 - Loggerhead shrike *Lanius ludovicianus* 1992
 - Bell's vireo *Vireo bellii* 1994
 - Eastern pipitrelle *Pipitrelus subflavus* 1997
 - Timber rattlesnake *Crotalus horridus* 1997
 - Wild indigo dusky wing *Erynnis zapalae* 1968
 - Red tailed prairie leopards *Ailurus rubrurus* 1997
 - Western harvest mouse *Reithrodontomys megalotis* 1941
 - Upland sandpiper *Bartramia longicauda* 1996
 - Henslow's sparrow *Ammodramus henslowii* 1996
 - Beak grass *Dianthus obovatus* 2001
 - Regal fritillary *Speyeria idalia* 2001
 - Bullsnake *Pituophis catenifer sayi* 1992
 - Ornate box turtle *Terrapene ornata* 1985
 - Belted garter snake *Thamnophis sirtalis* 1997
 - Leopard's skipper *Hesperia leonardus leonardus* 1996
 - Gargona checker spot *Chrysone pargone* 1989
 - White tailed jackrabbit *Lepus tennesseei* 1947
 - Woodland vole *Microtus pinelorum* 1937
 - Grasshopper sparrow *Ammodramus sevierorum* 1996
 - Northern myotis *Myotis septentrionalis* 1997
 - Black rat snake *Eliophis obsoletus* 1974
 - Barn owl *Tyto alba* 1992
 - Western meadowlark *Sturnella neglecta* 1996
 - Acadian flycatcher *Empidonax virens* 1992
 - Mottled dusky wing *Erynnis meritis* 1938
 - A prairie leafhopper *Altusippa verdulzei* 1997
- PLANTS**
- Prairie bush clover *Lespedeza leptoclypea* 2001
 - Nodding pogonia *Triphora trianthophora* 1973
 - Pomme de prairie *Pycnanthemum* 2000
 - Upland boneset *Eupatorium sessilifolium var brittanianum* 2001
 - American lever leaf *Parthenium integrifolium* 2001
 - Lobed spleenwort *Asplenium pinnatifidum* 1992
 - Prairie false dandelion *Nothocalais cuspidata* 1980
 - Prairie indian plantain *Cacalia luteoalba* 2000
 - One flowered broomrape *Orobancha uniflora* 1999
 - Yellow gentian *Gentiana sibirica* 2001
 - Purple meadow parsnip *Thaspium trifoliatum var flavum* 1963
 - Twineel Jeffersonia *diphylla* 1991
 - Short's rock cress *Arabis shortii* 2001
 - Fire pink *Silene virginica* 1997
 - Woolly milkweed *Asclepias lanuginosa* 1999
 - American gromwell *Lithospermum latifolium* 2000
 - Cluster leucocorymb *Festuca peruviana* 1941
 - Prairie parsley *Polytaenaria nuttallii* 1927
 - Heart leaved skullcap *Scutellaria ovata* 1993
 - Clustered broomrape *Orobancha fasciculata* 1860
 - Clustered poppy mallow *Callitriche triangulata* 1976
 - Hill's thistle *Cirsium hillii* 2001
 - Hooker orchid *Platanthera hookeri* 1938
 - Buttonweed *Diodes teres var teres* 1976
 - Broad leaved fern *Phacopteris hexagonoptera* 1901
 - Pale false foxglove *Agalinis skinneriana* 1999
 - Wild hyacinth *Cornelis scilloides* 1995
 - Three flower milk grass *Melica nitens* 1959
 - Martineed *Oncodromum mollis* 1956
 - Purple milkweed *Asclepias purpurascens* 2001
 - Purple clematis *Clematis occidentalis* 1901
 - Snowy campion *Silene nivea* 1994
 - Richardson sedge *Carex richardsonii* 1996
 - Pale green orchid *Platanthera flava var herbicola* 2000
 - Great indian plantain *Cacalia muschenbergii* 1996
 - Roundstem foxglove *Agalinis gatlingeri* 1974
 - Maryland senna *Cassia marylandica* 1883
 - Aulicum coral root *Corallorhiza odoratissima* 1947
 - Wilcox panic grass *Panicum wilcoxianum* 1940
 - Yellow evening primrose *Calyphus serrulatus* 1968
 - Violet bush clover *Lespedeza violacea* 1961
 - Small flowered woolly bean *Strophostyles kioispermis* 1971
- NATURAL COMMUNITIES**
- Pine relict 1965
 - Southern dry mesic forest 1992
 - Oak opening 1966
 - Southern mesic forest 1976
 - Moist cliff 1976
 - Dry cliff 1976
 - Dry prairie 2001
 - Dry mesic prairie 1987
 - Mesic prairie 1996
 - Hemlock relict 1976
 - Sand barrens 1976
 - Sand prairie 1997
 - Pine barrens 1976

MAP E.7a

THREATENED & ENDANGERED (T&E) Aquatic & Terrestrial Species and/or Natural Communities

This map represents the known occurrences of rare species and natural communities that have been recorded in the Wisconsin Natural Heritage Inventory (NHI). Colored sections indicate the presence of one or more occurrences within that section. Townships shaded in the inset map to the left indicate one or more occurrences reported only at the township level. The date following the names above notes the most recent year the occurrence was recorded in the county.

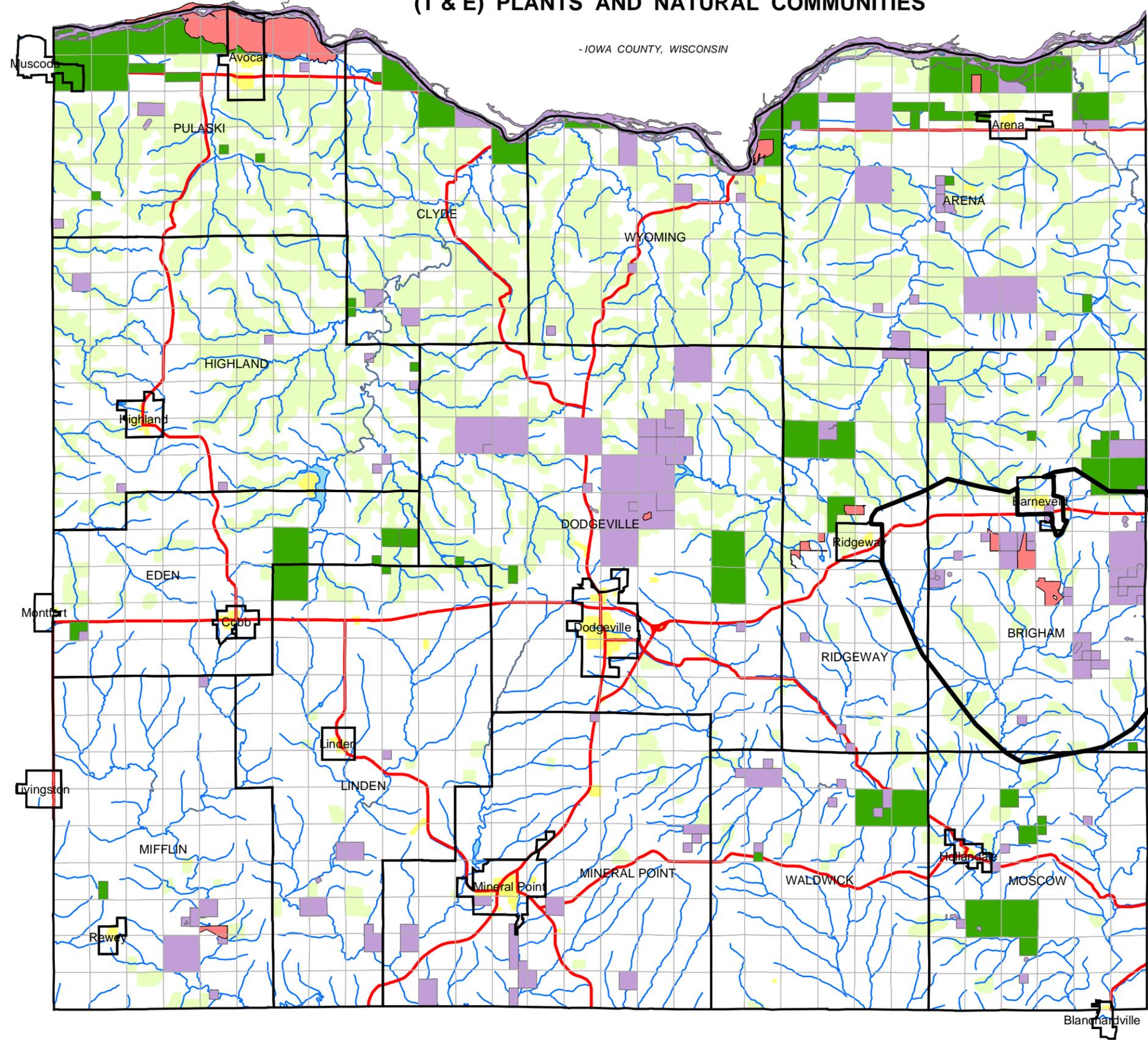
Map generated using 01/14/2002 NHI data.
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THREATENED AND ENDANGERED (T & E) PLANTS AND NATURAL COMMUNITIES

- IOWA COUNTY, WISCONSIN

MAP E.7-b



Legend

-  Military Ridge Prairie Heritage Area
-  State Natural Areas
-  T & E Plants
-  T & E Natural Communities
-  Forest
-  Urban Developed
-  Rivers

1 inch equals 3.05 miles



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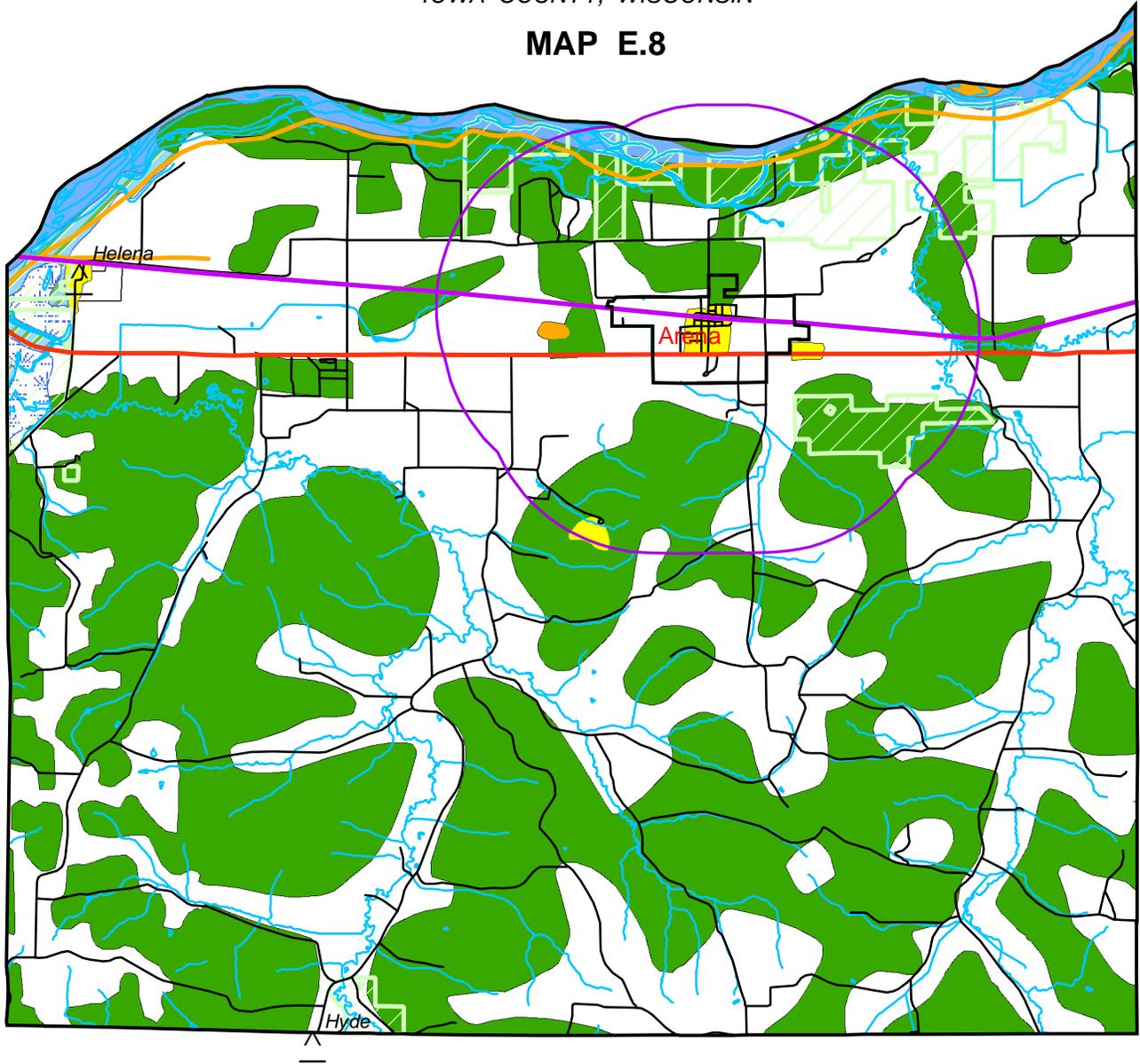
June 7, 2004

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NATURAL RESOURCES AND ENVIRONMENTAL CORRIDORS

- ARENA TOWNSHIP -
- IOWA COUNTY, WISCONSIN -

MAP E.8



Legend

- | | |
|------------------------|-----------------|
| Municipal Boundaries | Parks |
| 1.5 Mile ETZ Buffer | Barren |
| Unicorporated Villages | Forest |
| Operating Railroads | Marsh |
| Recreation Trails | Open Water |
| Major Highways | Urban Developed |
| Minor Roads/Drives | Wetland |
| Rivers | |
| Agriculture | |

1 inch equals 1.49 miles



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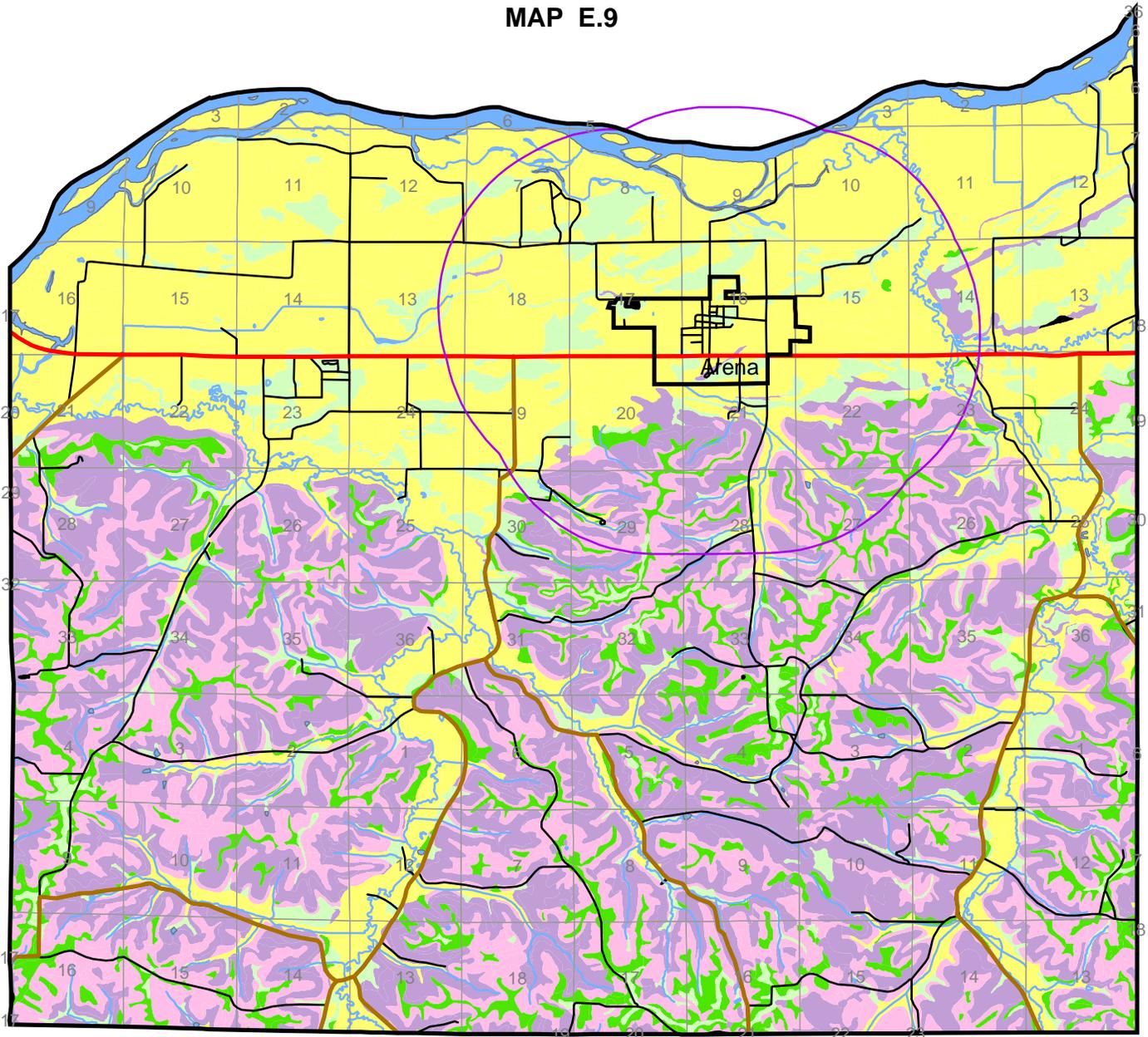
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March 28, 2005

ARENA SLOPE LIMITATIONS

- IOWA COUNTY, WISCONSIN -

MAP E.9



Legend

- | | |
|----------------------|------------------------|
| Municipal Boundaries | From 0% To 2% Slope |
| 1.5 Mile ETZ Buffer | From 2% To 6% Slope |
| Sections | From 6% To 12% Slope |
| Federal Highways-USH | From 12% To 20% Slope |
| County Highways-CTH | Greater Than 20% Slope |
| Minor Roads/Drives | Other Features |
| Rivers | Rivers And Lakes |

1 inch equals 1.40 miles



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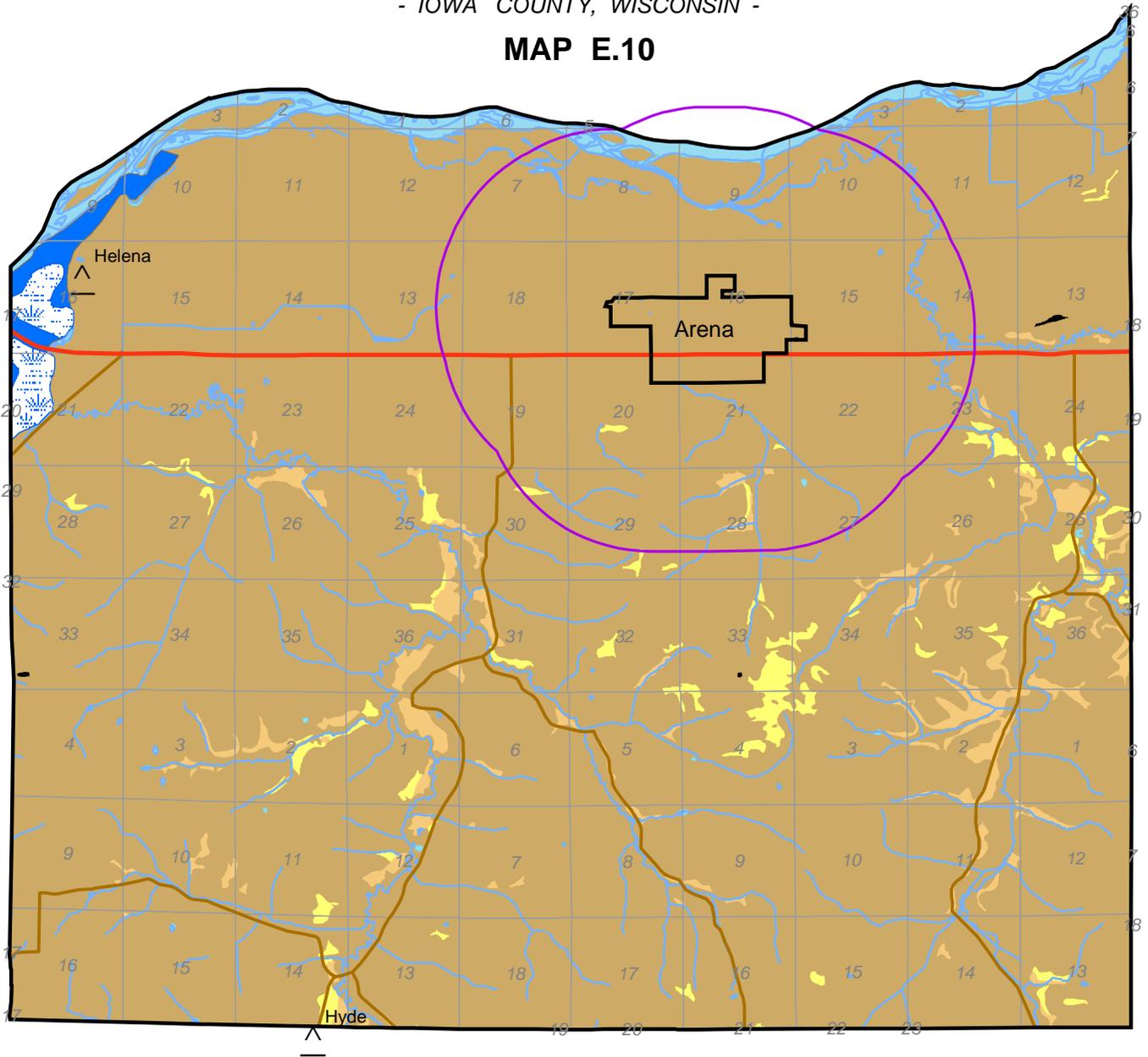
December 17, 2004

S:\WGroups\SWWRPC\GIS\IowaCounty\Towns\Villages\Cities\
ArenaTown\Projects\SmartGrowth\E-9SlopeLim04_ArenaTown

ARENA SEPTIC LIMITATIONS

- IOWA COUNTY, WISCONSIN -

MAP E.10



Legend

- | | |
|---------------------------|-------------------------|
| Municipal Boundaries | Severe Soil Limitations |
| Sections | Other Features |
| 1.5 Mile ETZ Buffer | Marsh |
| Unincorporated Villages | Wetland |
| Major Highways | Open Water |
| County Highways - CTH | |
| Slight Soil Limitations | |
| Moderate Soil Limitations | |

1 inch equals 1.44 miles



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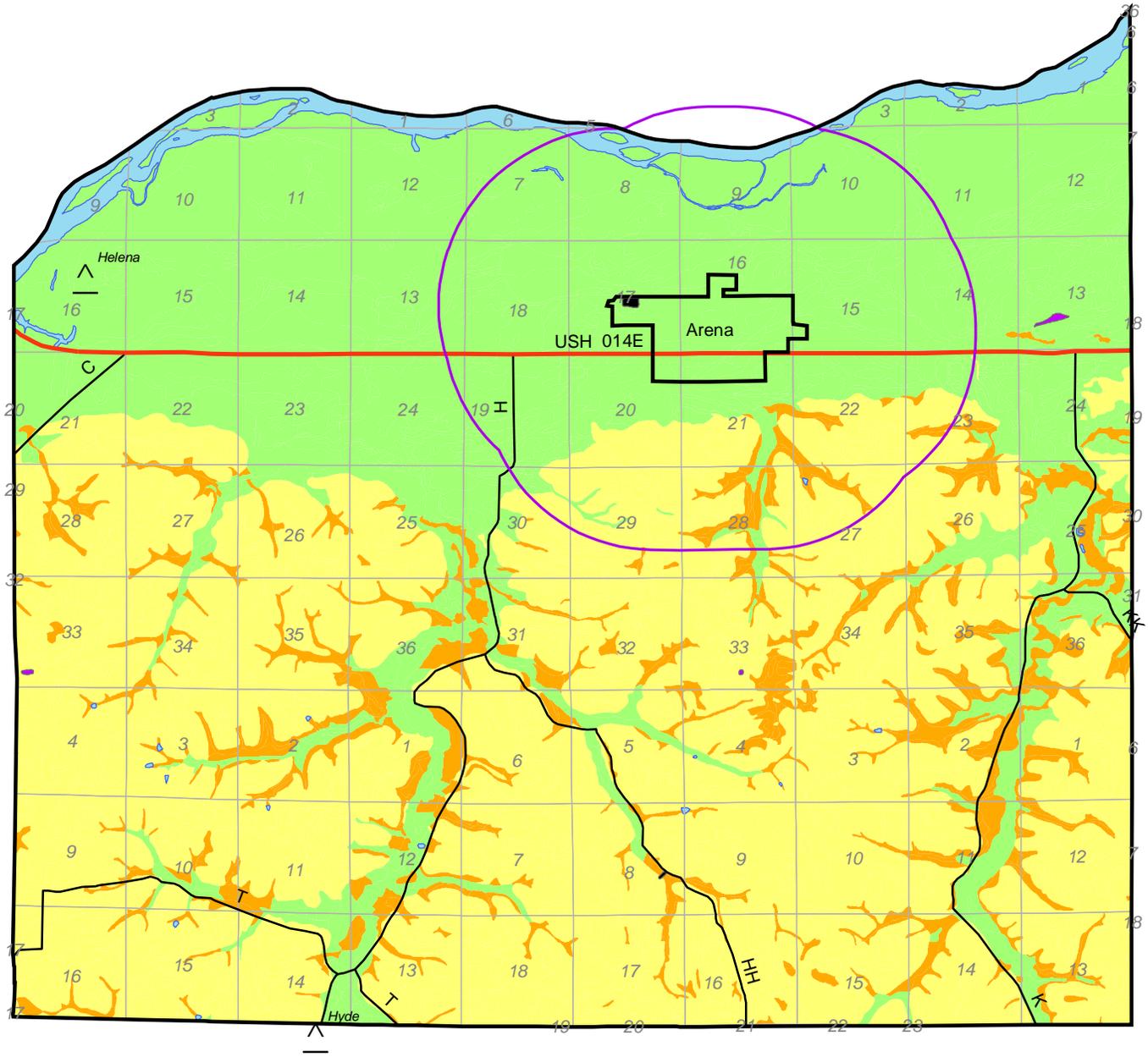
March 28, 2005

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ARENA DEPTH TO BEDROCK

- IOWA COUNTY, WISCONSIN -

MAP E.11



Legend

Municipal Boundaries	From 4 To 20 Feet To Bedrock
Sections	More Than 20 Feet To Bedrock
1.5 Mile ETZ Buffer	Quarries
Unincorporated Villages	Other
Major Highways	Open Water
County Highways	
Less Than 4 Feet To Bedrock	

1 inch equals 1.44 miles



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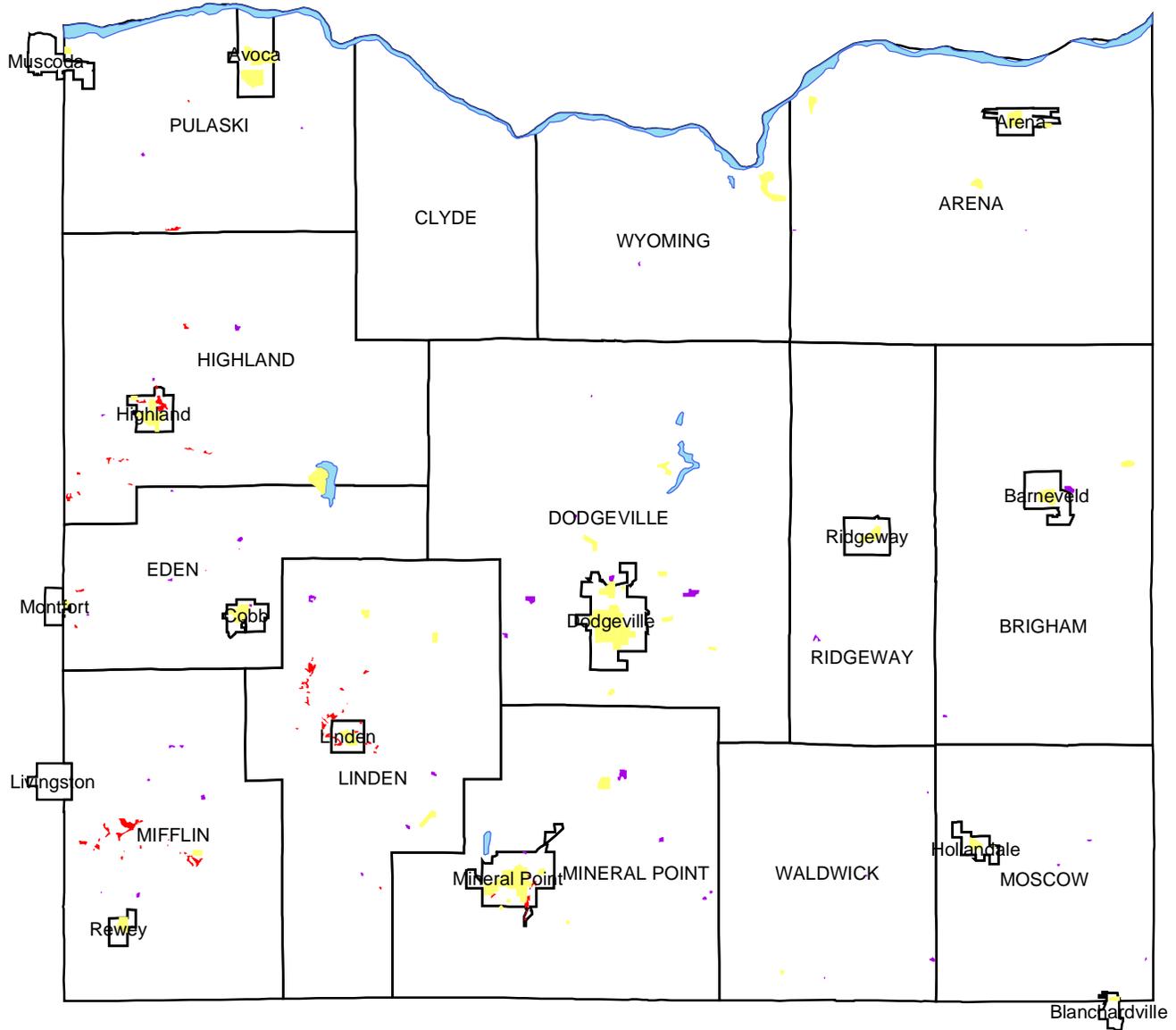
July 31, 2003



MINES AND QUARRIES

- IOWA COUNTY, WISCONSIN -

MAP E.12



Legend

-  Municipal Boundary
-  Developed/Urban
-  Mines
-  Quarries
-  Open Water

1 inch equals 4.68 miles



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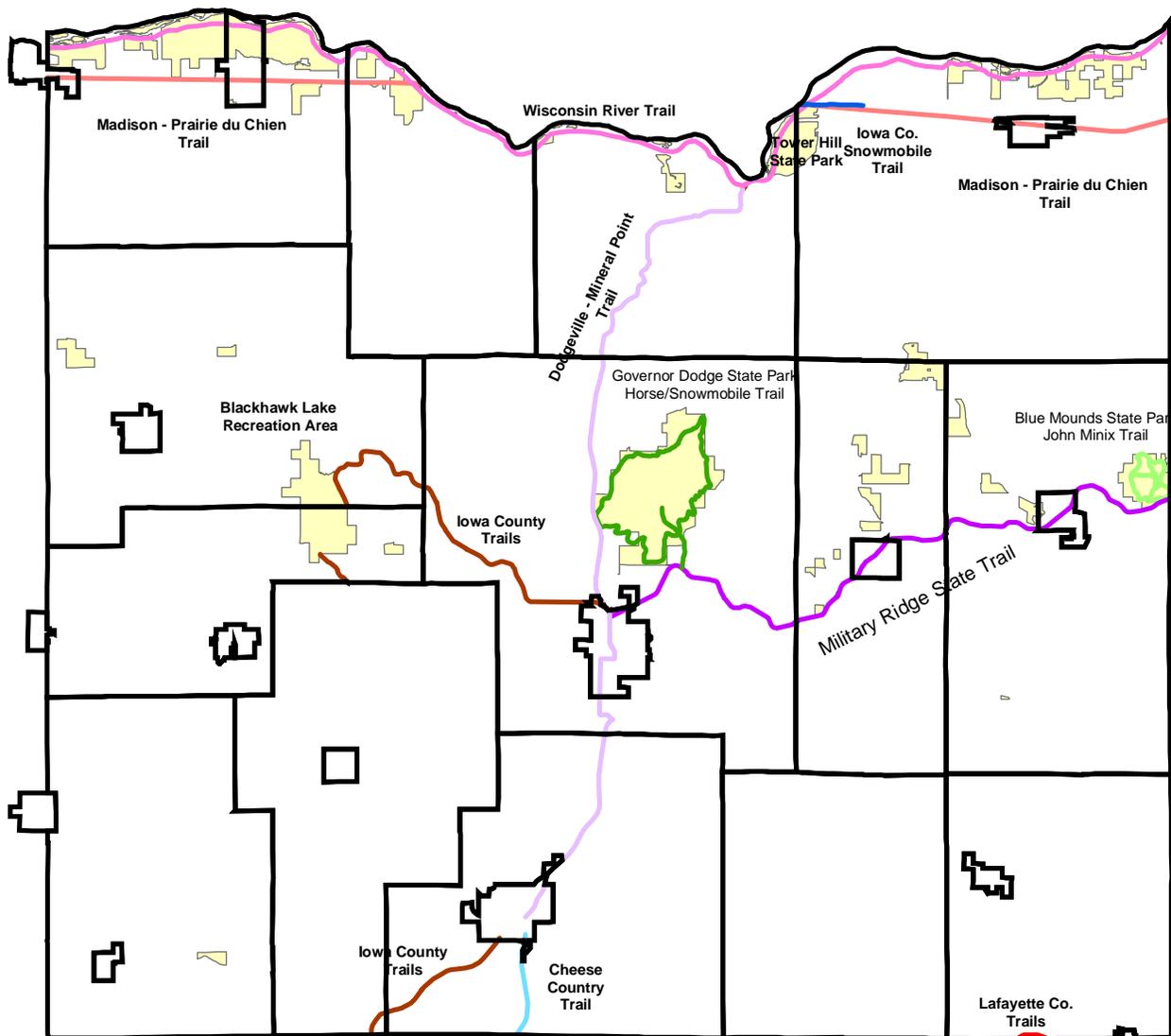


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IOWA COUNTY RECREATIONAL TRAILS AND PARKS

MAP E.13



Legend

- Blue Mounds State Park - John Minix Trail
- Cheese Country Trail - Railroad Corridor
- Gov Dodge State Park - Horse-Snowmobile Trail
- Iowa County Snowmobile Trails
- Military Ridge State Trail - Railroad Corridor
- Dodgeville-Mineral Point Trail - Road Corridor
- Iowa County Trails - Road Routes - Planned
- Lafayette County Trails - Road Routes - Planned
- Madison-Prairie du Chien Trail - Road Corridor - Planned
- Wisconsin River Trail - River Corridor - Planned
- Iowa County Parks

1 inch equals 4.79 miles



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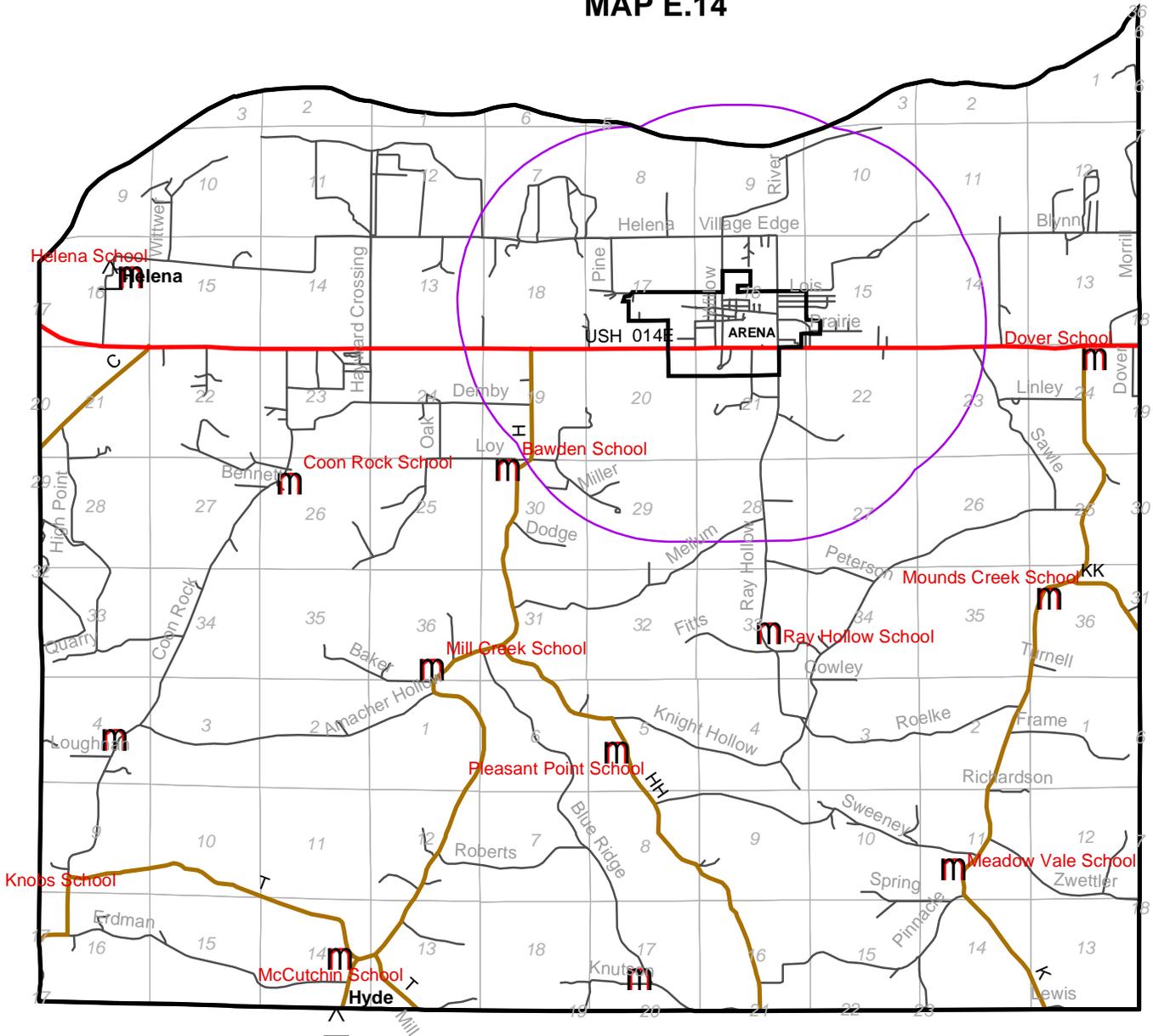
February 26, 2004

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RURAL SCHOOL LOCATIONS

- TOWN OF ARENA -
- IOWA COUNTY, WISCONSIN -

MAP E.14



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December 17, 2004

Legend	
	Municipal Boundaries
	Sections
	1.5 Mile ETZ Buffer
	Unincorporated Villages
	U.S. Highways - USH
	County Highways - CTH
	Local Roads/Drives
	Historical School

1 inch equals 1.47 miles

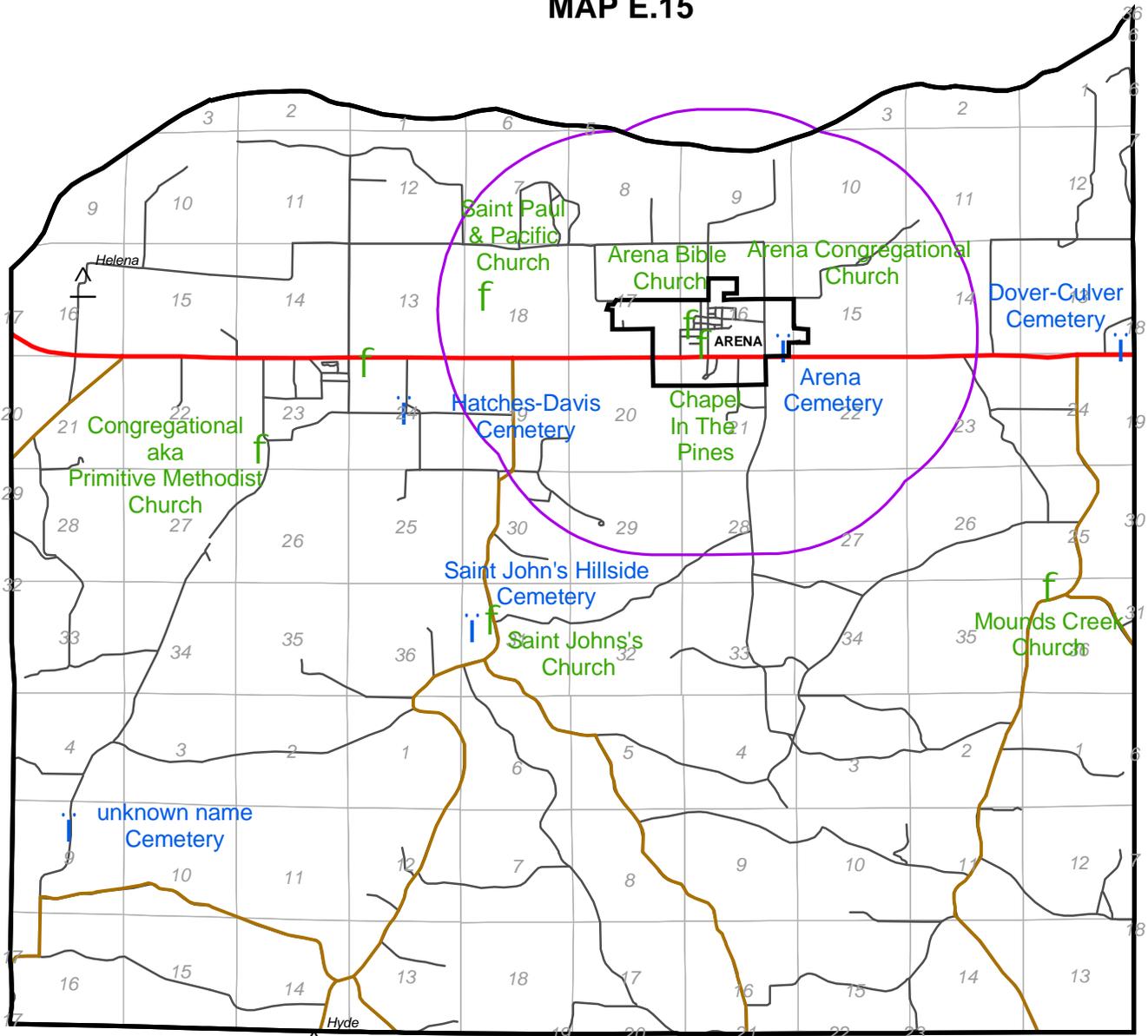


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ARENA CEMETERY AND CHURCH LOCATIONS

- TOWN OF ARENA -
 - IOWA COUNTY, WISCONSIN -

MAP E.15



SOUTHWESTERN WISCONSIN
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 December 17, 2004

Legend

- Municipal Boundaries
- Sections
- 1.5 Mile ETZ Buffer
- Unicorporated Villages
- U.S. Highways - USH
- County Highways - CTH
- Local Roads/Drives
- Historical Cemetery
- Historical Church

1 inch equals 1.47 miles



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