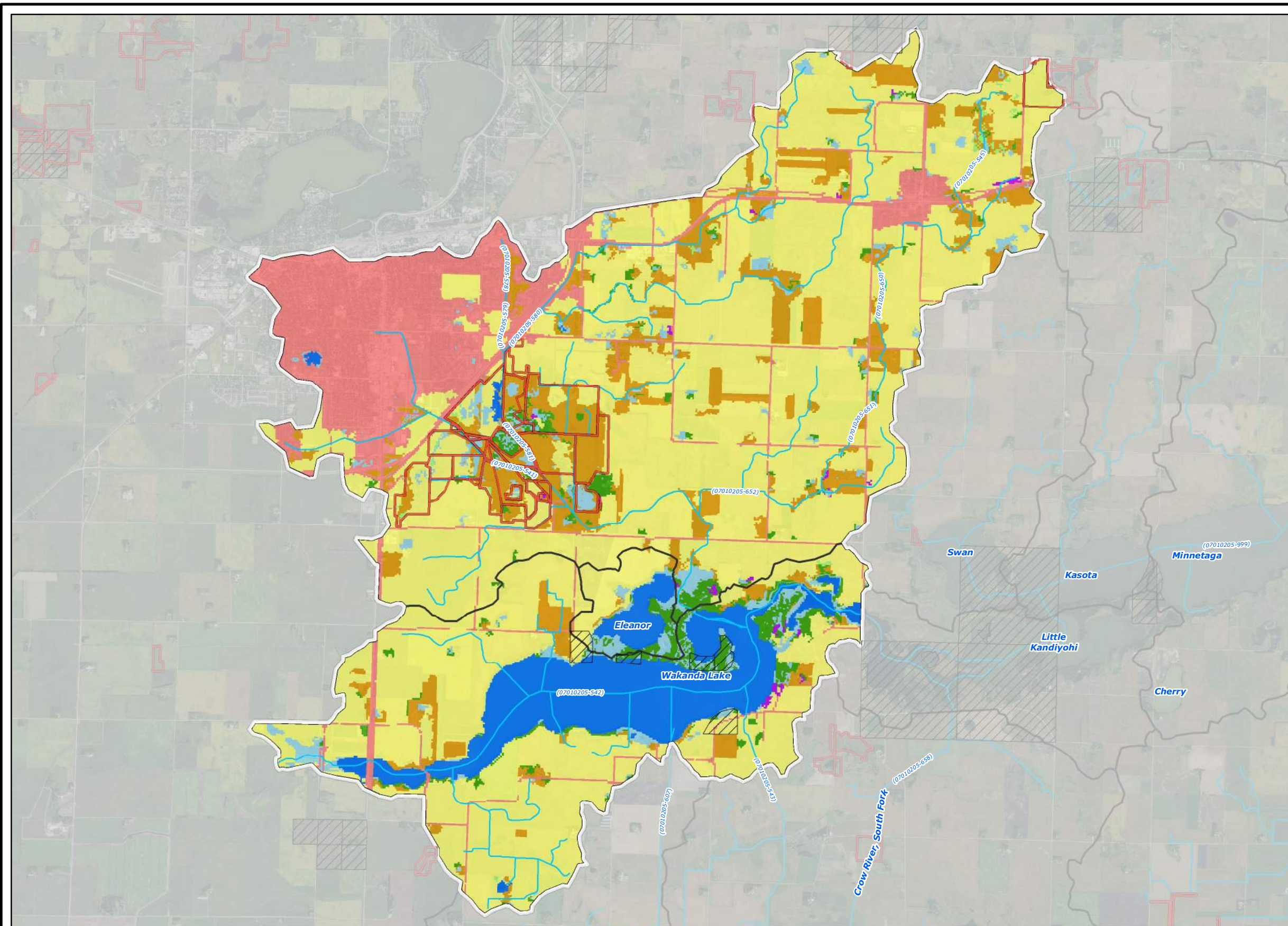


SOUTH FORK CROW
Wakanda Lake Overview Map

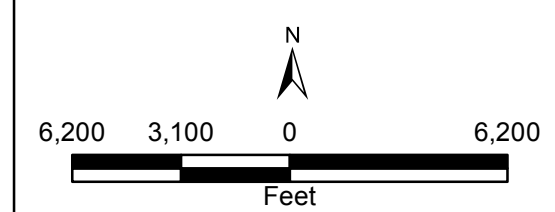


2016

WL-1



- ### Legend
- 2006 National Land Cover Dataset**
- Wetlands
 - Barren Land (Rock/Sand/Clay)
 - Developed Land
 - Cultivated Crops
 - Forest
 - Grassland/Herbaceous
 - Open Water
 - Pasture/Hay
 - Shrub/Scrub
 - Publicly Managed Lands
 - Conservation Easements
 - ~ Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary

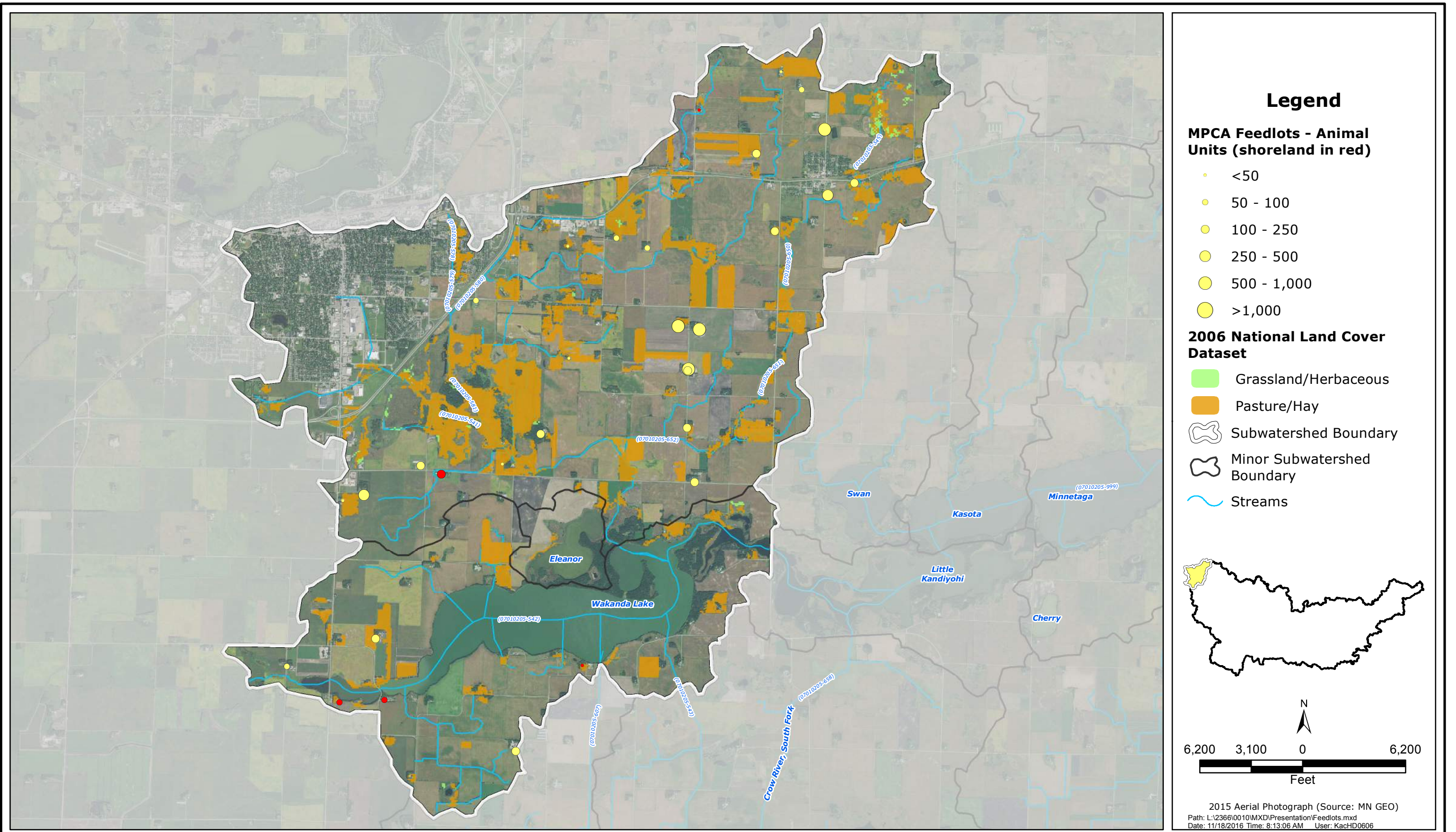


2015 Aerial Photograph (Source: MN GEO)
 Path: L:\2366\0010\MXD\Presentation\Landcover.mxd
 Date: 11/18/2016 Time: 8:41:47 AM User: KacHD0606

SOUTH FORK CROW
 Wakanda Lake Land Cover Map



2016
 WL-2



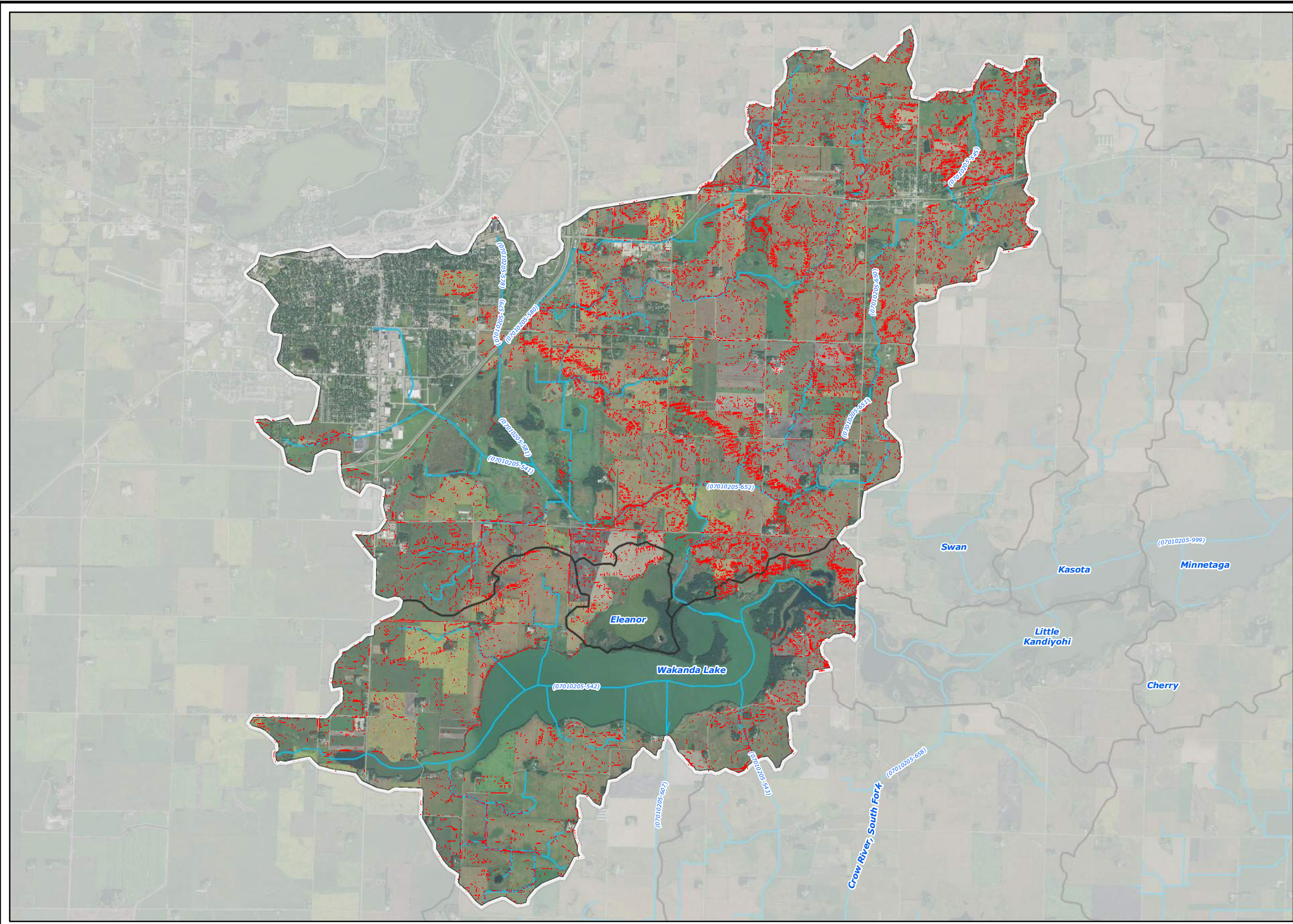
SOUTH FORK CROW

Wakanda Lake Registered Feedlots

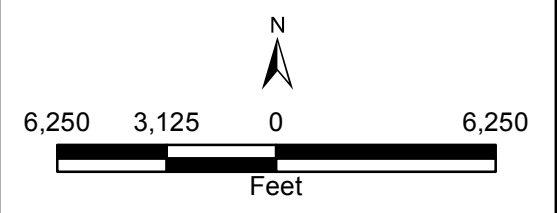


2016

WL-3



- ### Legend
- High Potential Soil Loss Areas (RUSLE)
 - ~ Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary



2015 Aerial Photograph (Source: MN GEO)
 Path: L:\2366\0010\MXD\Presentation\RUSLE Soil Loss.mxd
 Date: 11/14/2016 Time: 4:27:53 PM User: KacHD0606

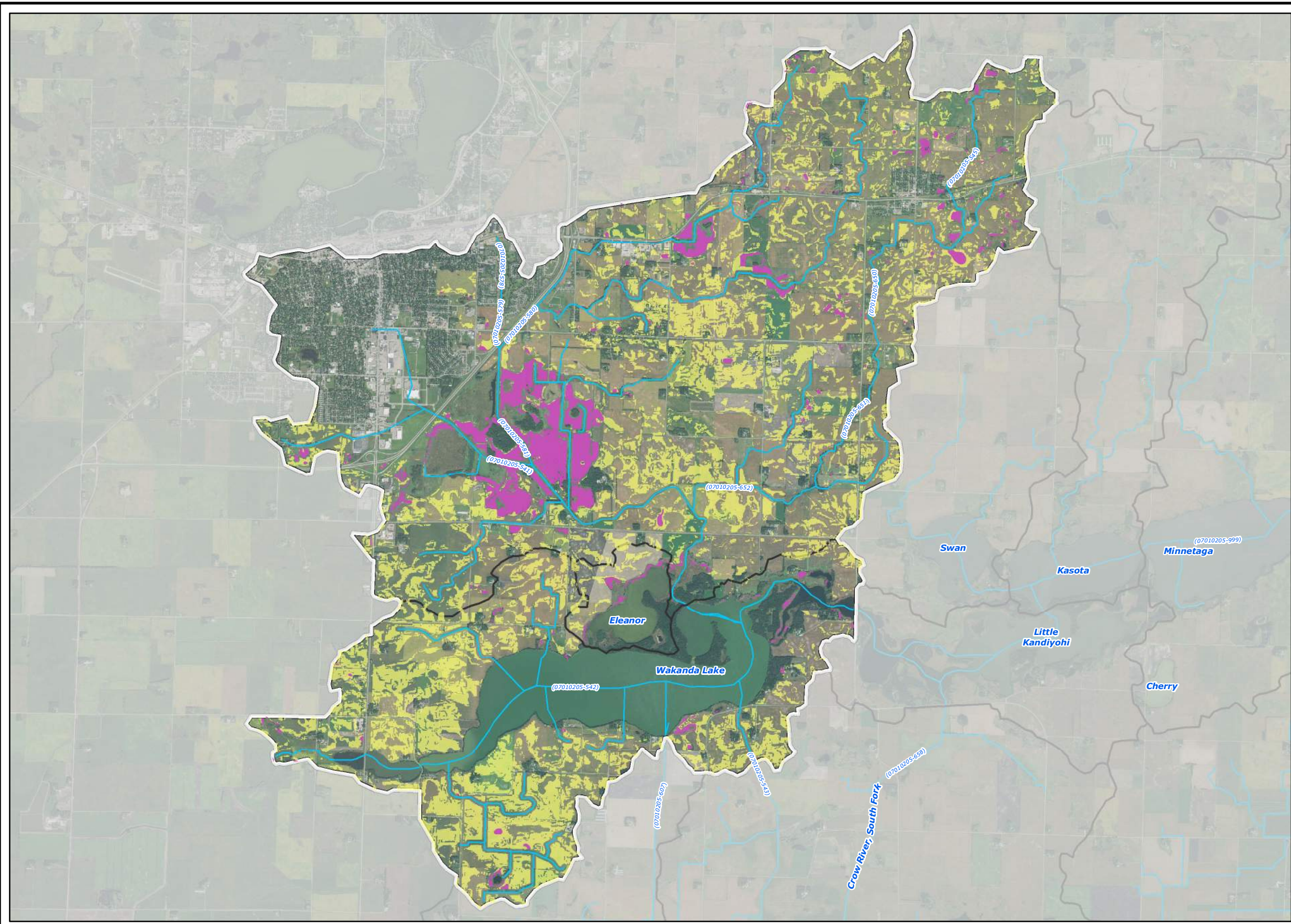
SOUTH FORK CROW

Wakanda Lake High Potential Soil Loss Areas

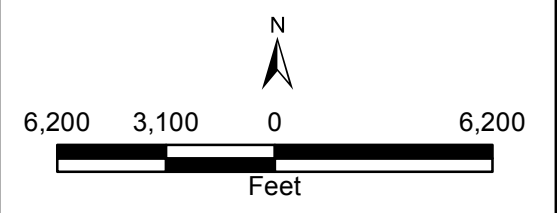


2016

WL-4



- ### Legend
- Potentially Drained/Tile Drained Areas**
- All Criteria Met
 - All Criteria Met (Within NWI)
 - Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary



2015 Aerial Photograph (Source: MN GEO)
 Path: L:\2366\0010\MXD\Presentation\Drained Land.mxd
 Date: 11/18/2016 Time: 7:21:28 AM User: KacHD0606

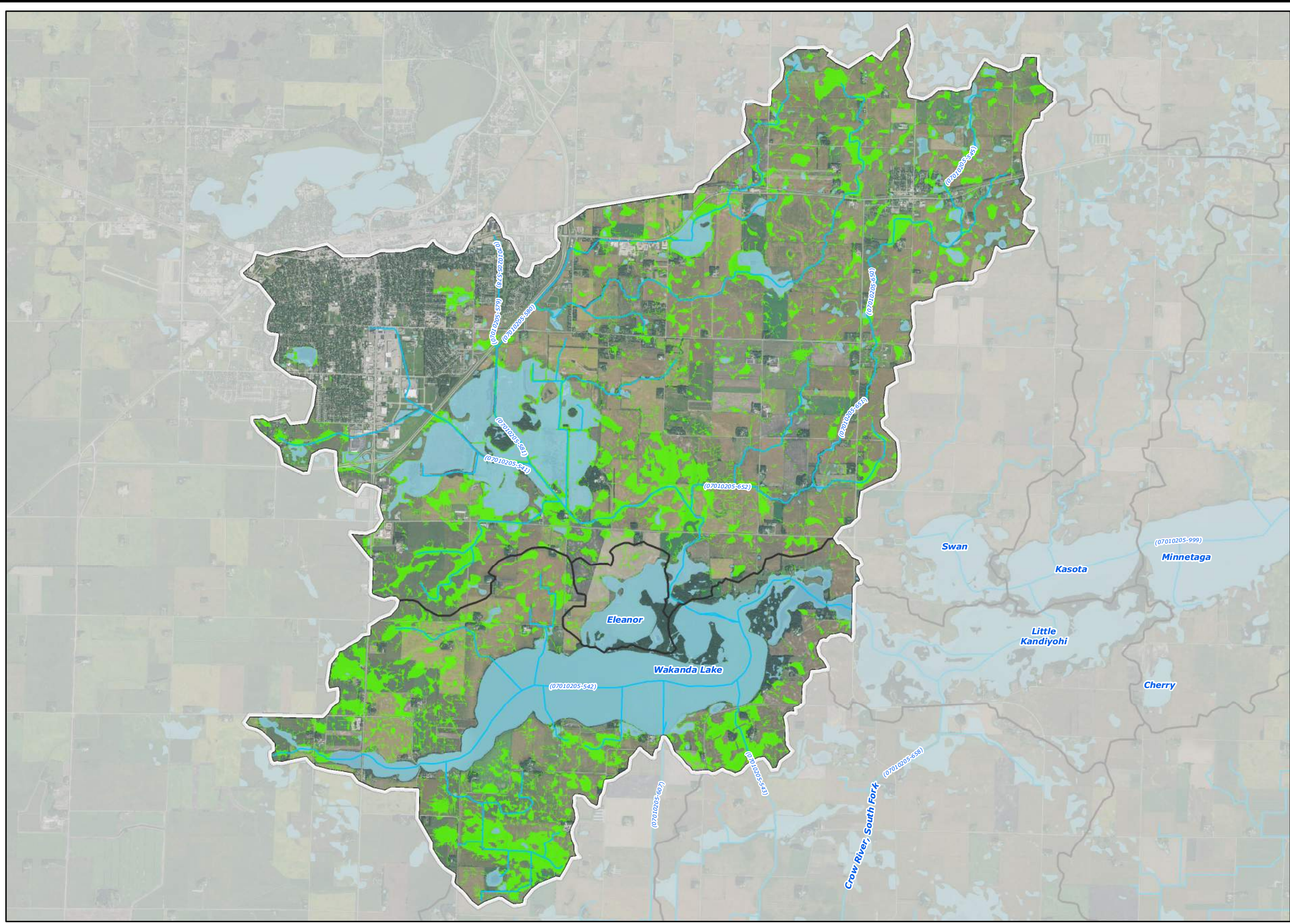
SOUTH FORK CROW






Wakanda Lake Potentially Tile Drained Lands

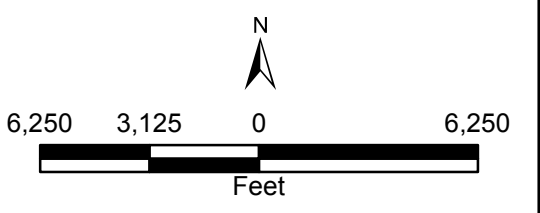
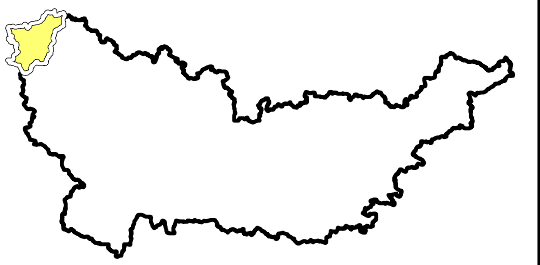


2016

WL-5



- ### Legend
-  Restorable Wetland Index Areas (RWI)
 -  National Wetland Inventory
 -  Streams
 -  Subwatershed Boundary
 -  Minor Subwatershed Boundary

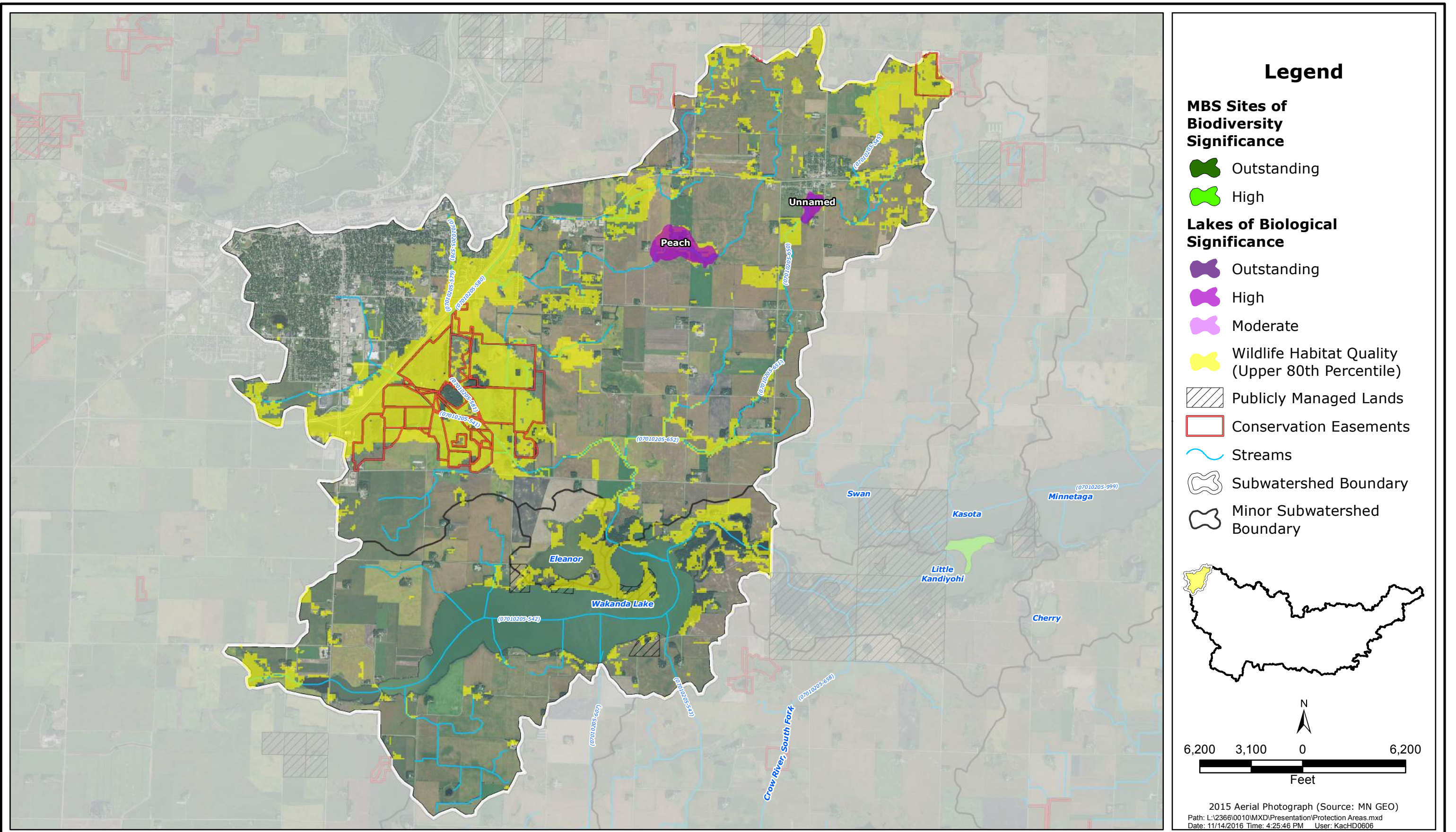


2015 Aerial Photograph (Source: MN GEO)
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SOUTH FORK CROW
 Wakanda Lake Restorable Wetland Index Areas



2016
 WL-6



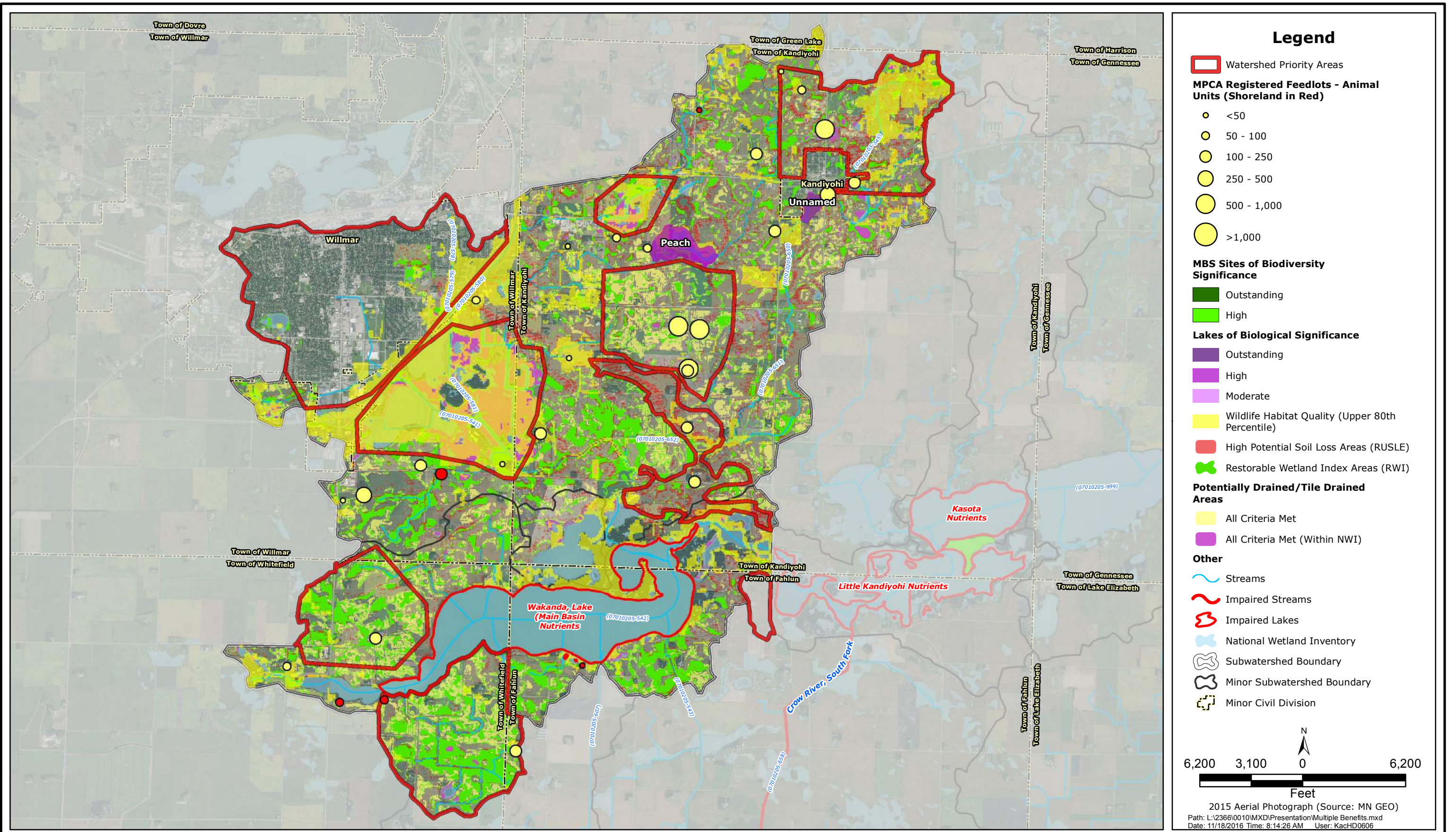
SOUTH FORK CROW

Wakanda Lake Areas of Biological Significance Map



2016

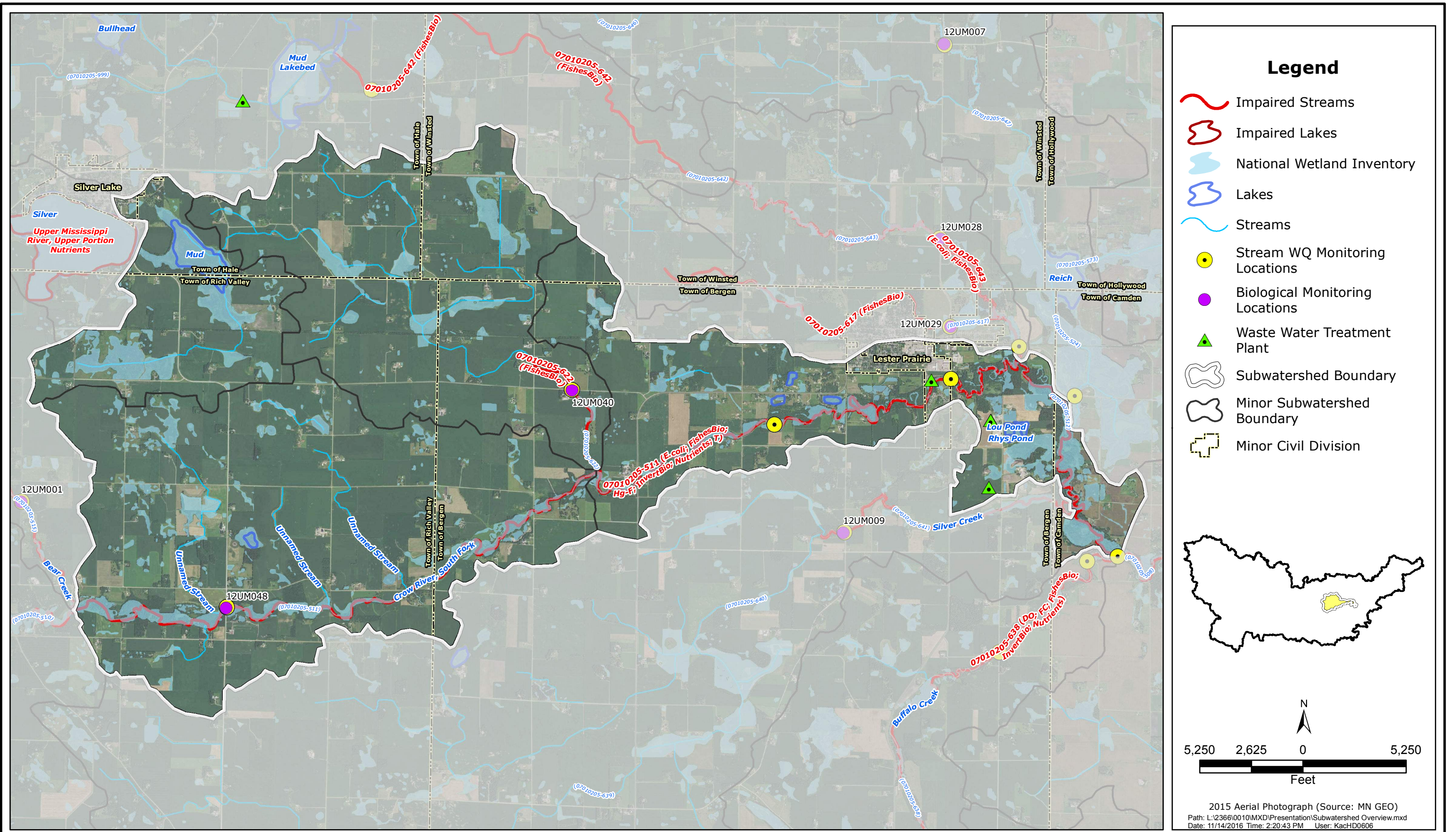
WL-7



SOUTH FORK CROW
Wakanda Lake Benefited Areas

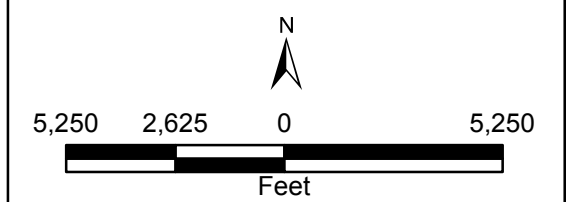
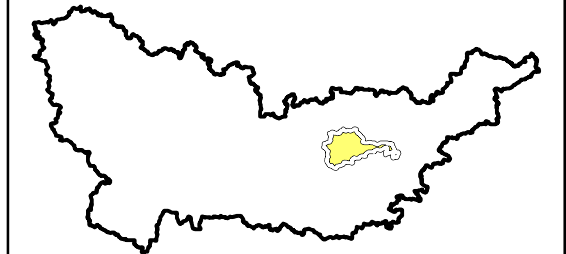


2016
WL-8



Legend

- Impaired Streams
- Impaired Lakes
- National Wetland Inventory
- Lakes
- Streams
- Stream WQ Monitoring Locations
- Biological Monitoring Locations
- Waste Water Treatment Plant
- Subwatershed Boundary
- Minor Subwatershed Boundary
- Minor Civil Division



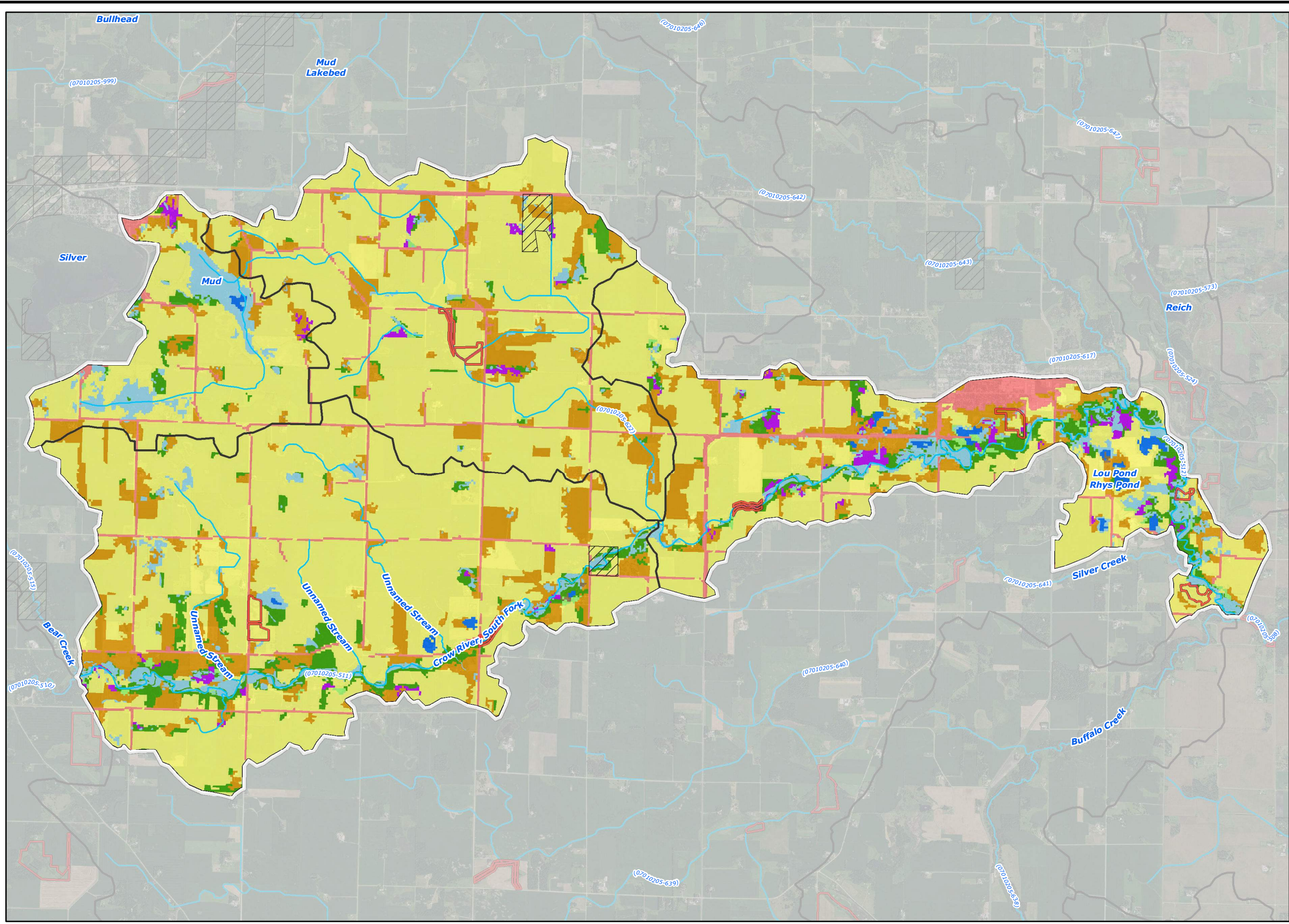
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 Date: 11/14/2016 Time: 2:20:43 PM User: KacHD0606

SOUTH FORK CROW

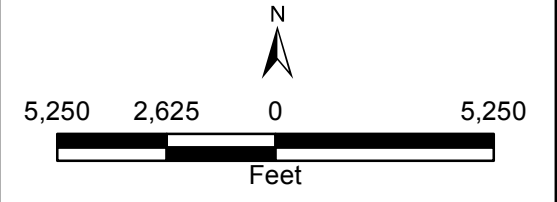
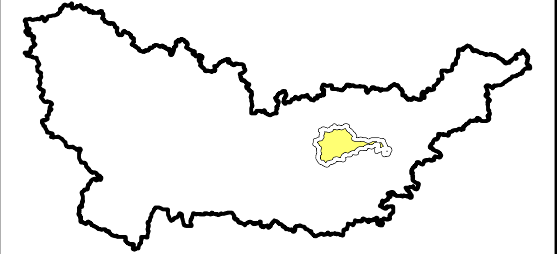
City of Lester Prairie-South Fork Crow River Overview Map



2016
 CL-SFCR-1



- ### Legend
- 2006 National Land Cover Dataset**
- Wetlands
 - Barren Land (Rock/Sand/Clay)
 - Developed Land
 - Cultivated Crops
 - Forest
 - Grassland/Herbaceous
 - Open Water
 - Pasture/Hay
 - Shrub/Scrub
 - Publicly Managed Lands
 - Conservation Easements
 - Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary



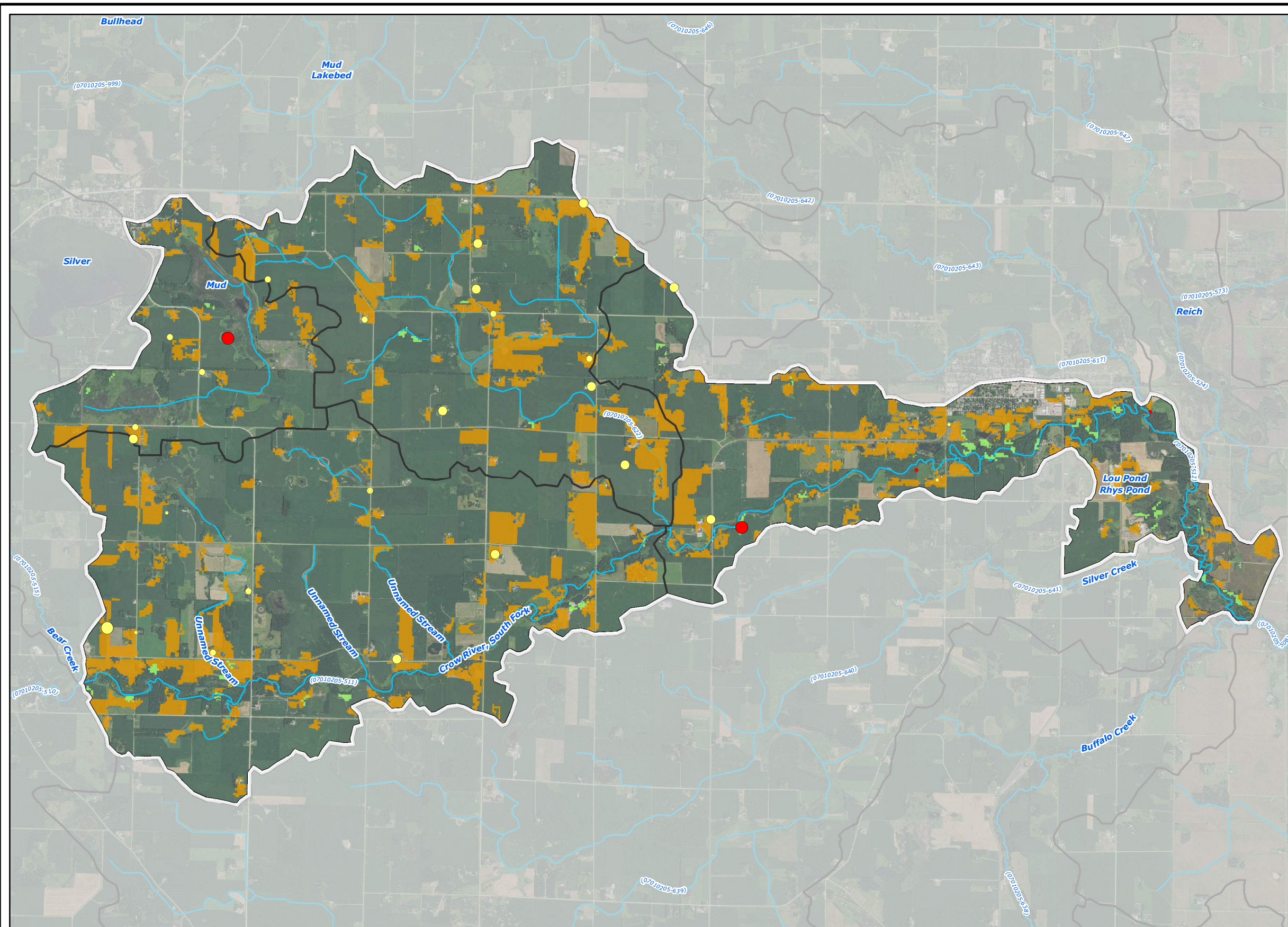
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 Date: 11/18/2016 Time: 8:46:41 AM User: KacHD0606

SOUTH FORK CROW

City of Lester Prairie-South Fork Crow River Land Cover Map



2016
 CL-SFCR-2



Legend

MPCA Feedlots - Animal Units (shoreland in red)

- < 50
- 50 - 100
- 100 - 250
- 250 - 500
- 500 - 1,000
- > 1,000

2006 National Land Cover Dataset

- Grassland/Herbaceous
- Pasture/Hay
- Subwatershed Boundary
- Minor Subwatershed Boundary
- Streams

5,250 2,625 0 5,250
Feet

2015 Aerial Photograph (Source: MN GEO)
Path: L:\2366\0010\IMXD\Presentation\Feedlots.mxd
Date: 11/18/2016 Time: 8:16:04 AM User: KacHD0606

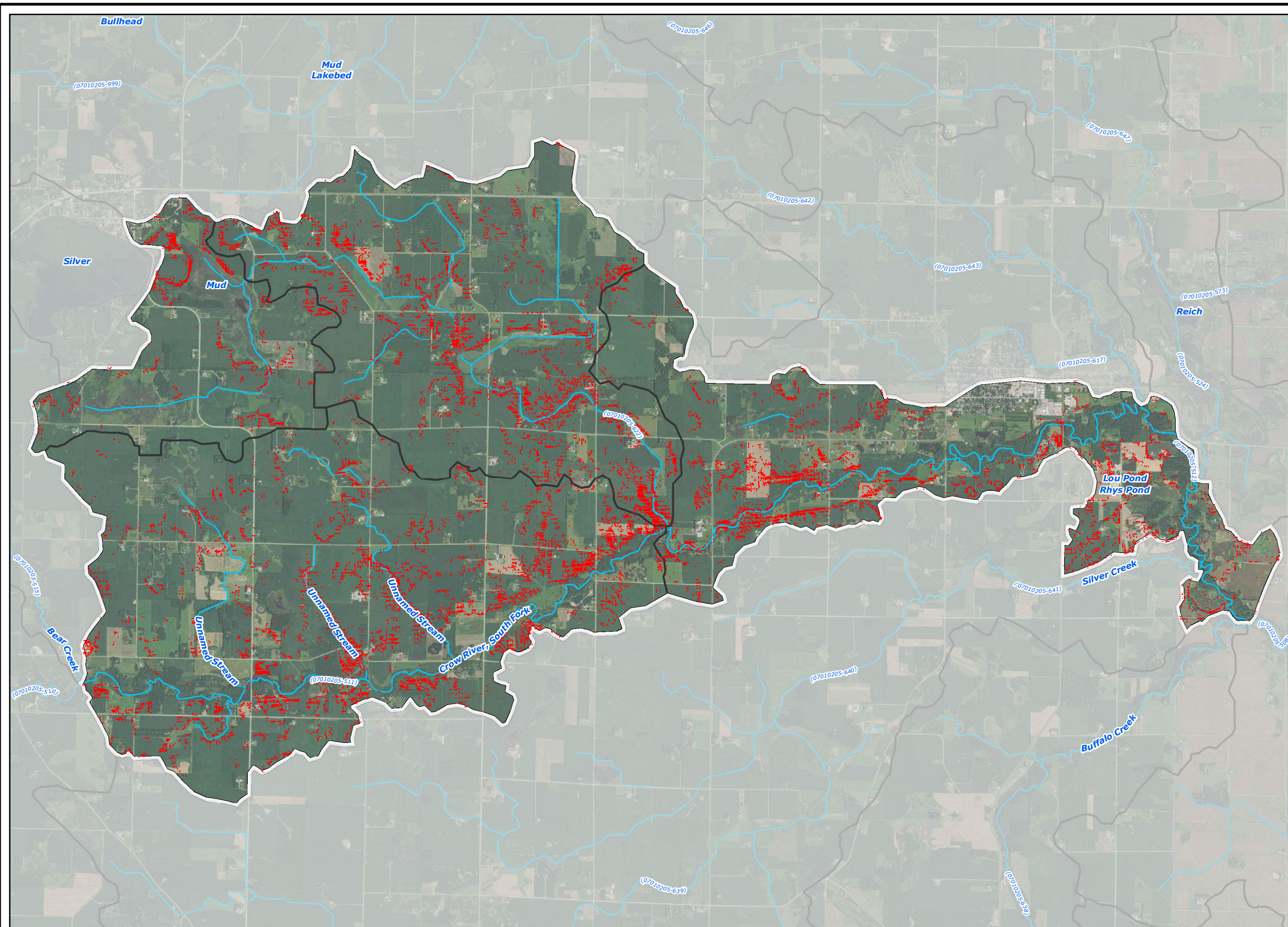
SOUTH FORK CROW

City of Lester Prairie-South Fork Crow River Registered Feedlots

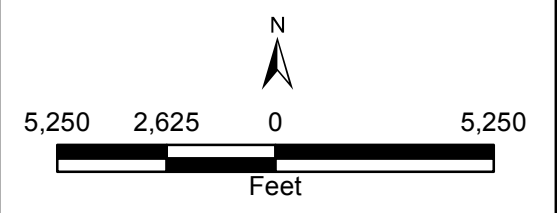
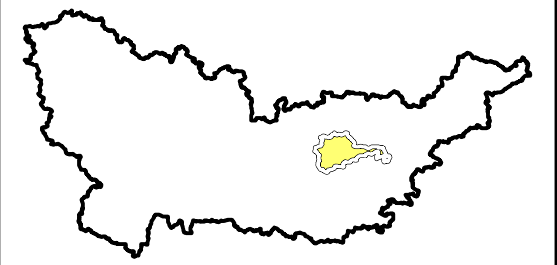


2016

CL-SFCR-3



- ### Legend
- High Potential Soil Loss Areas (RUSLE)
 - ~ Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary



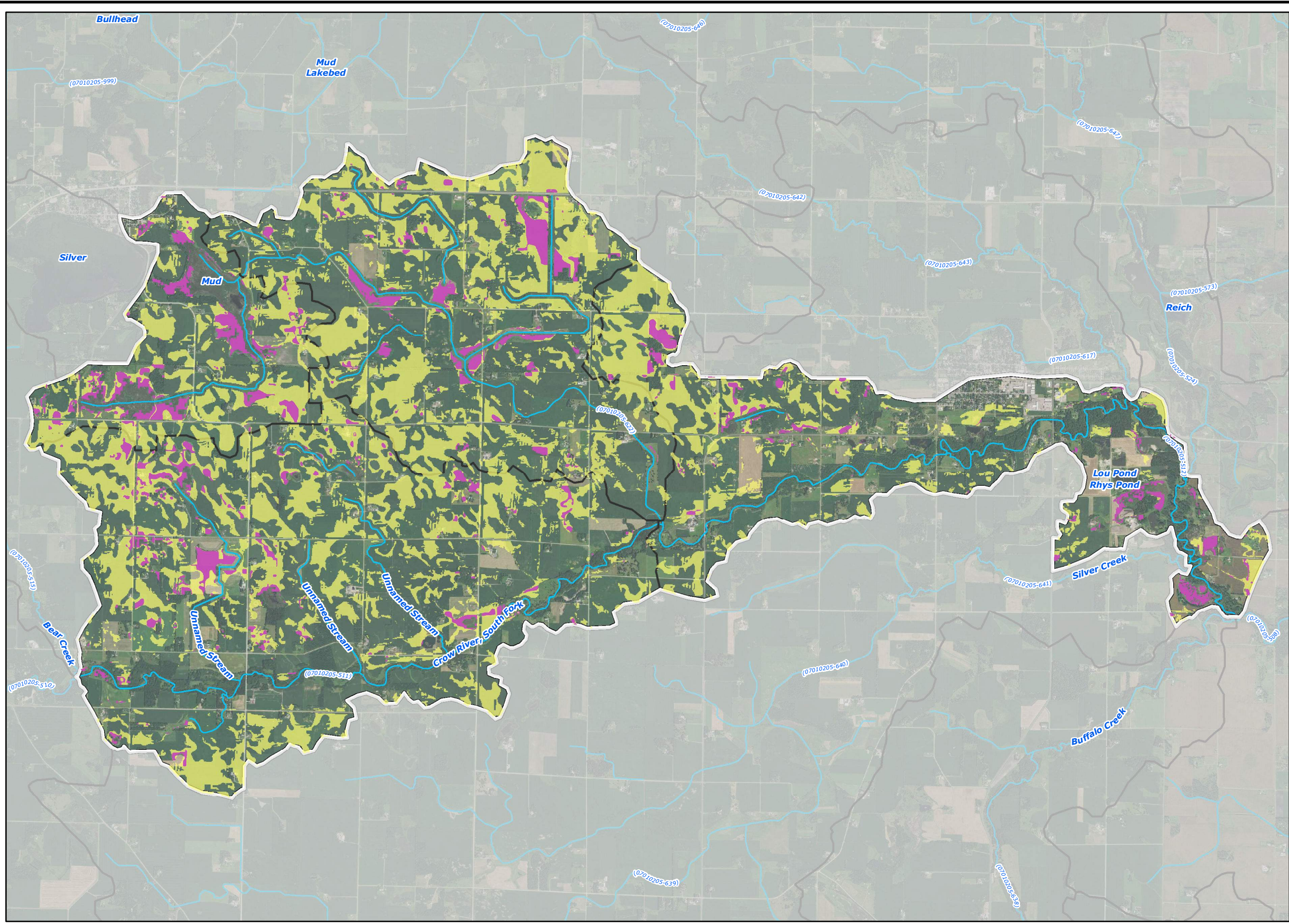
2015 Aerial Photograph (Source: MN GEO)
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 Date: 11/14/2016 Time: 4:30:51 PM User: KacHD0606

SOUTH FORK CROW

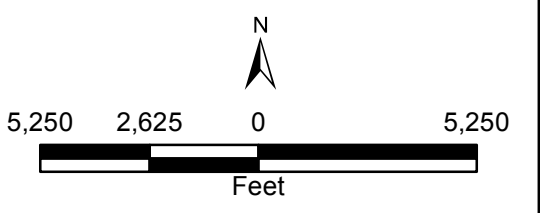
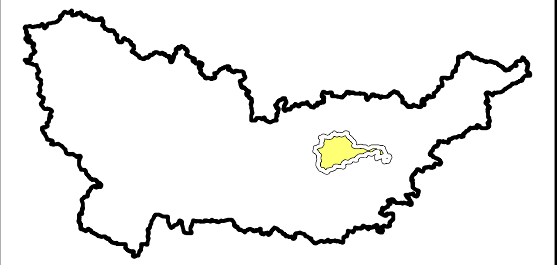
City of Lester Prairie-South Fork Crow River High Potential Soil Loss Areas



2016
 CL-SFCR-4



- ### Legend
- Potentially Drained/Tile Drained Areas**
- All Criteria Met
 - All Criteria Met (Within NWI)
 - Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary



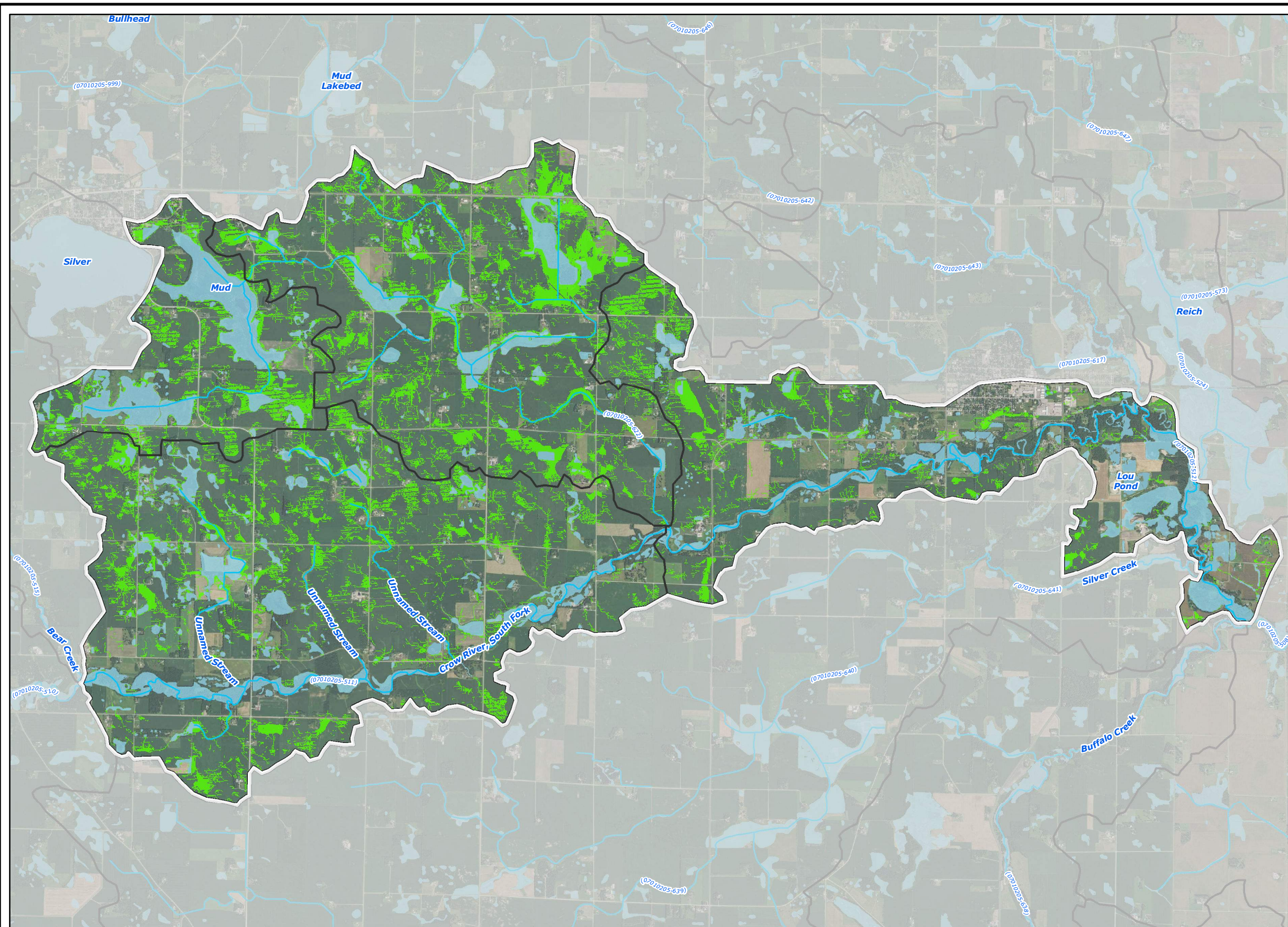
2015 Aerial Photograph (Source: MN GEO)
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 Date: 11/18/2016 Time: 7:26:38 AM User: KacHD0606






SOUTH FORK CROW

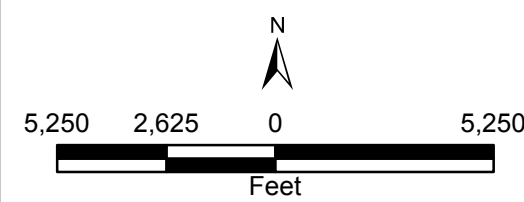
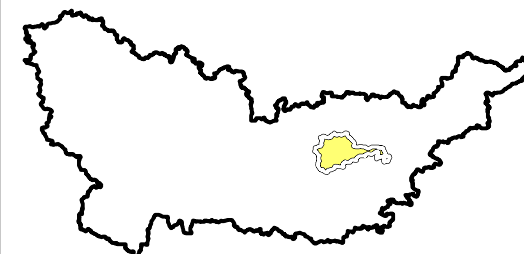
City of Lester Prairie-South Fork Crow River Potentially Tile Drained Lands



2016
 CL-SFCR-5



- ### Legend
-  Restorable Wetland Index Areas (RWI)
 -  National Wetland Inventory
 -  Streams
 -  Subwatershed Boundary
 -  Minor Subwatershed Boundary

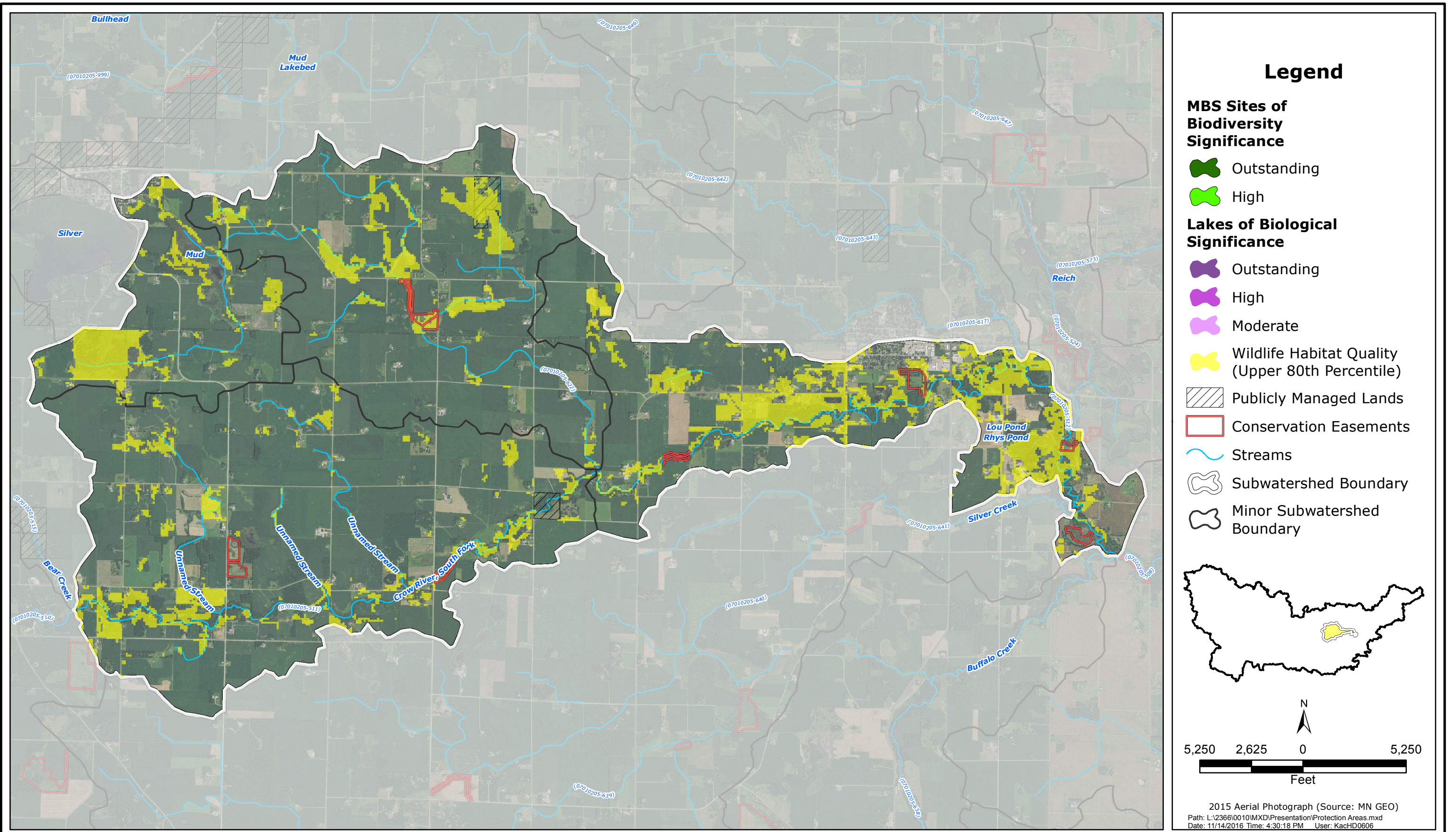


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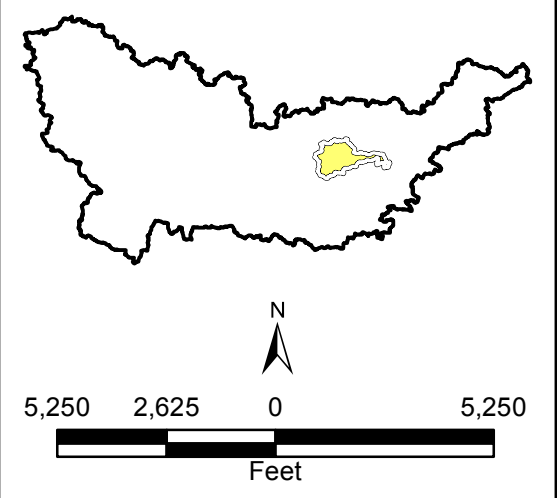
SOUTH FORK CROW
 Wakanda Lake Restorable Wetland Index Areas



2016
 CL-SFCR-6



- ### Legend
- MBS Sites of Biodiversity Significance**
- Outstanding
 - High
- Lakes of Biological Significance**
- Outstanding
 - High
 - Moderate
 - Wildlife Habitat Quality (Upper 80th Percentile)
- Publicly Managed Lands
 - Conservation Easements
 - Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary



2015 Aerial Photograph (Source: MN GEO)
 Path: L:\2366\0010\MXD\Presentation\Protection Areas.mxd
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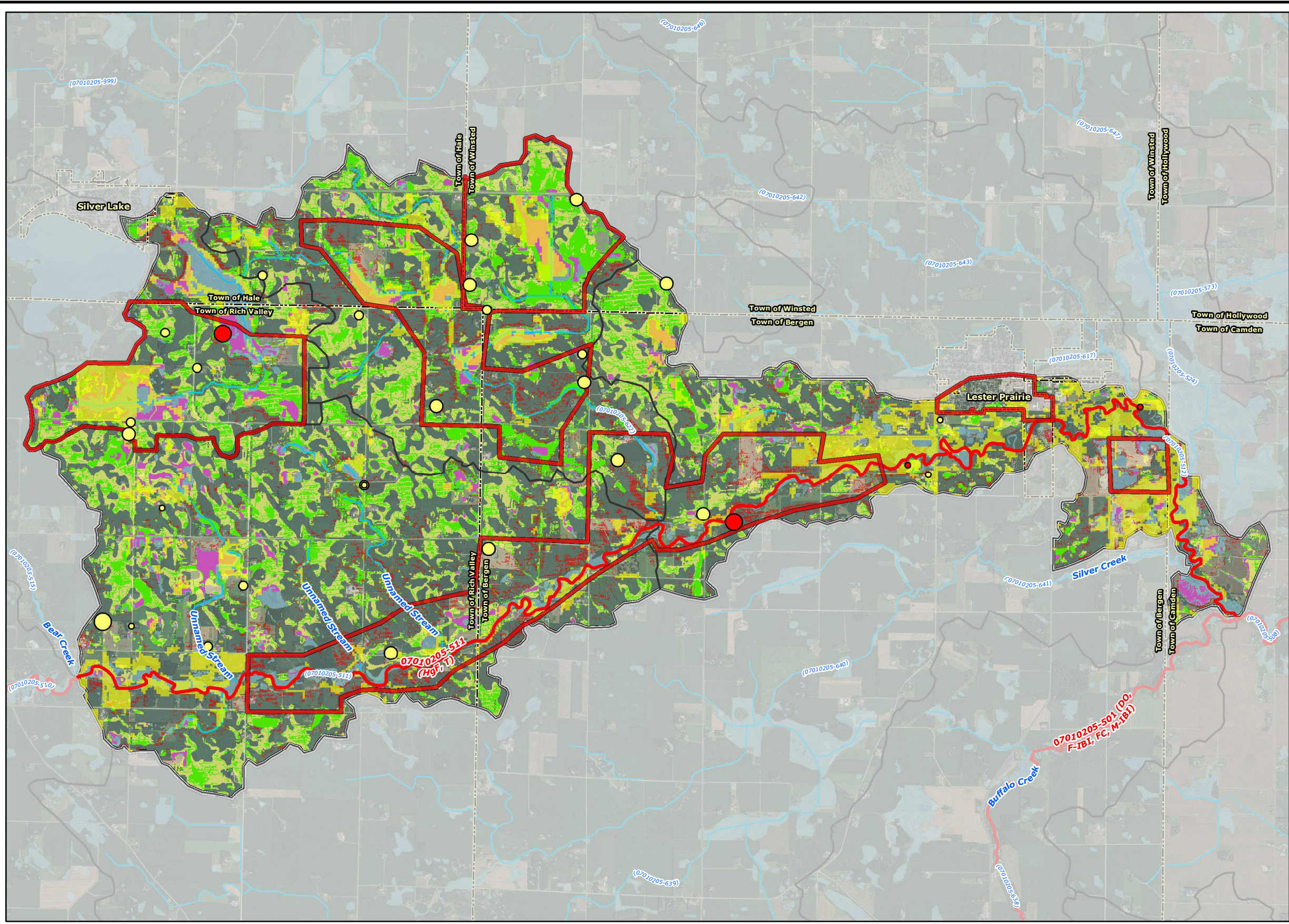
SOUTH FORK CROW

City of Lester Prairie-South Fork Crow River Areas of Biological Significance Map



2016

CL-SFCR-7



Legend

- Watershed Priority Areas
- MPCA Registered Feedlots - Animal Units (Shoreland in Red)**
 - <50
 - 50 - 100
 - 100 - 250
 - 250 - 500
 - 500 - 1,000
 - >1,000
- MBS Sites of Biodiversity Significance**
 - Outstanding
 - High
- Lakes of Biological Significance**
 - Outstanding
 - High
 - Moderate
 - Wildlife Habitat Quality (Upper 80th Percentile)
 - High Potential Soil Loss Areas (RUSLE)
 - Restorable Wetland Index Areas (RWI)
- Potentially Drained/Tile Drained Areas**
 - All Criteria Met
 - All Criteria Met (Within NWI)
- Other**
 - Streams
 - Impaired Streams
 - Impaired Lakes
 - National Wetland Inventory
 - Subwatershed Boundary
 - Minor Subwatershed Boundary
 - Minor Civil Division

N

5,250 2,625 0 5,250

Feet

2015 Aerial Photograph (Source: MN GEO)
 Path: L:\2366\0010\IMXD\Presentation\Multiple Benefits.mxd
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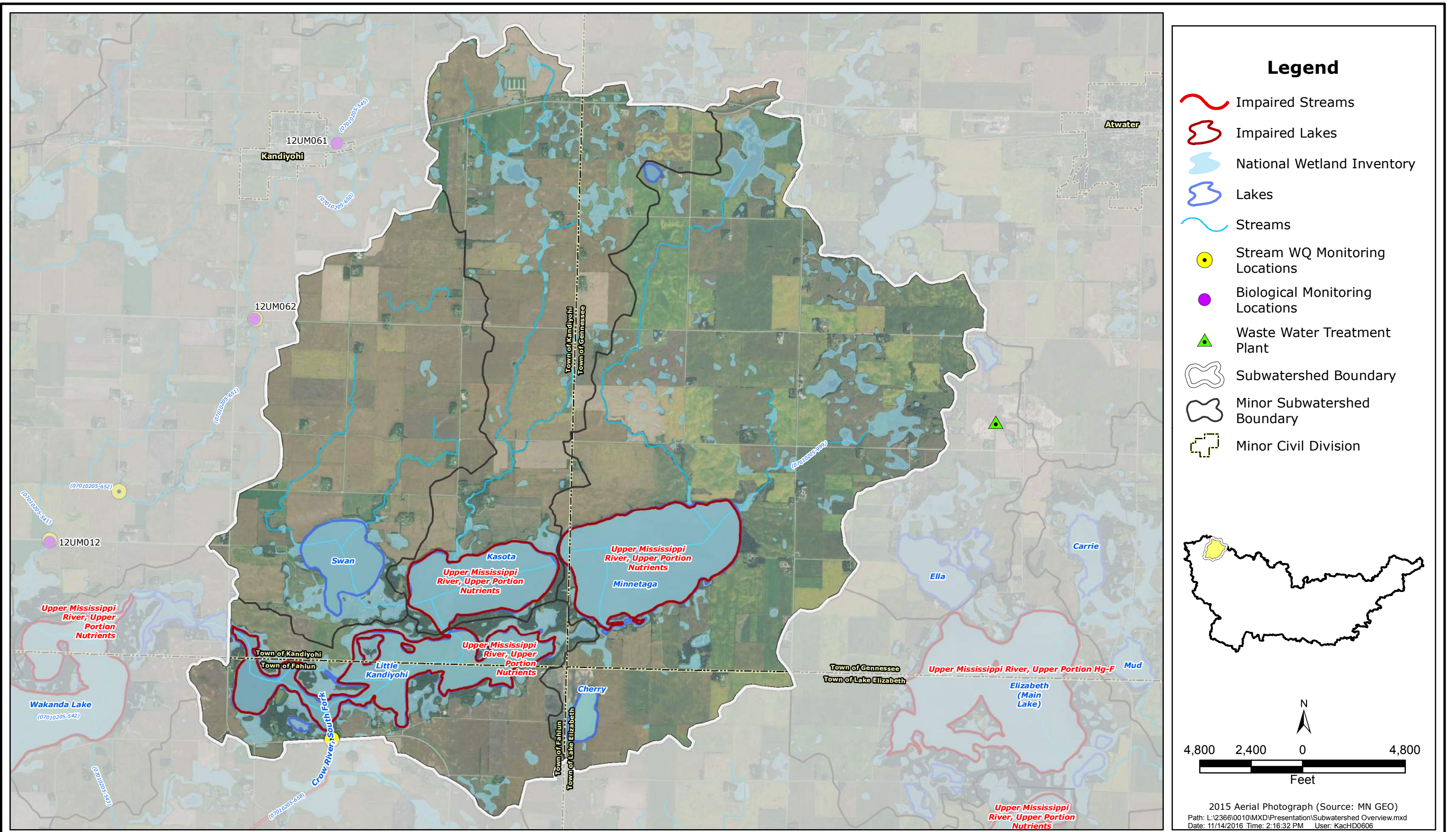
SOUTH FORK CROW

City of Lester Prairie-South Fork Crow River Benefited Areas

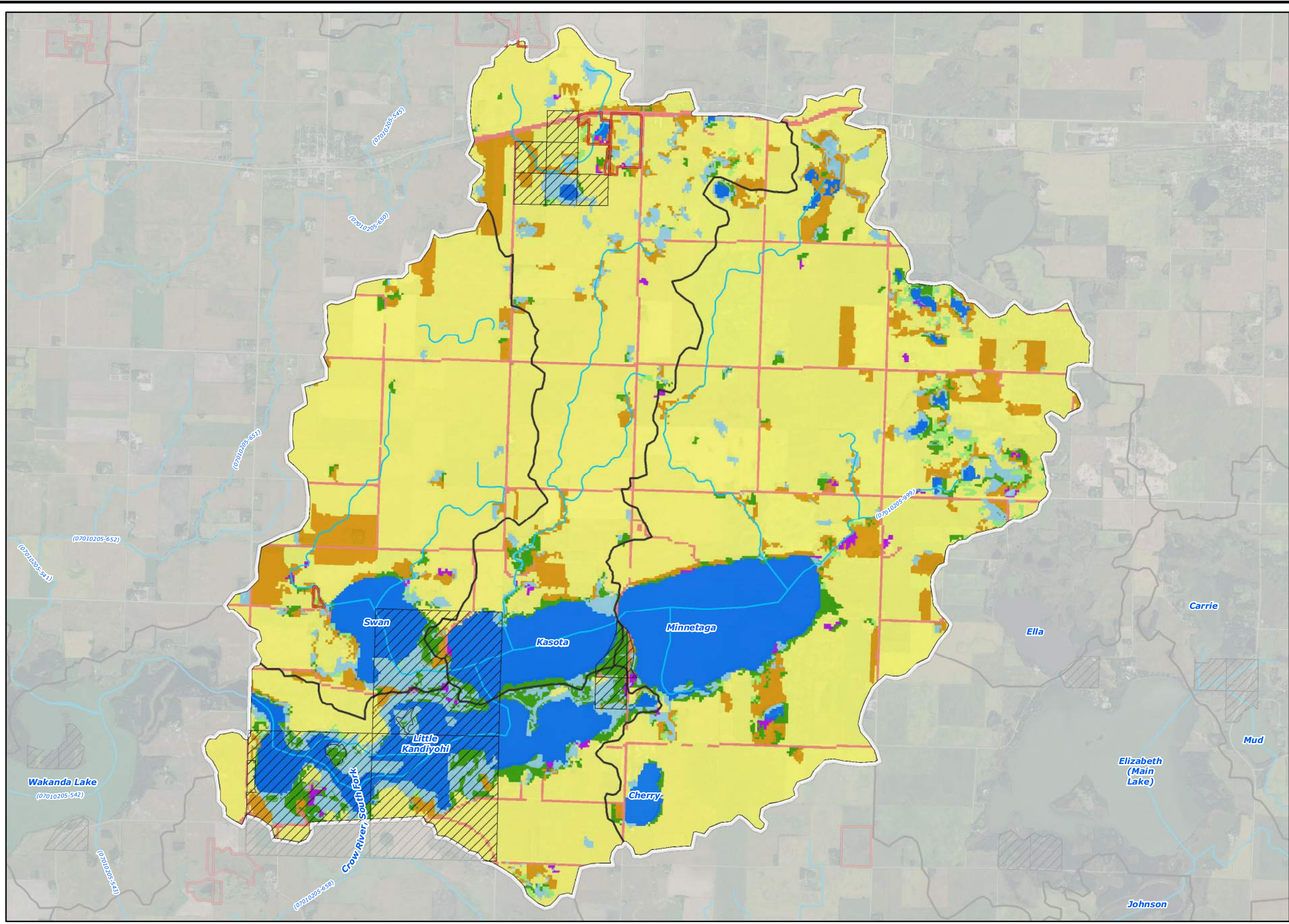


2016

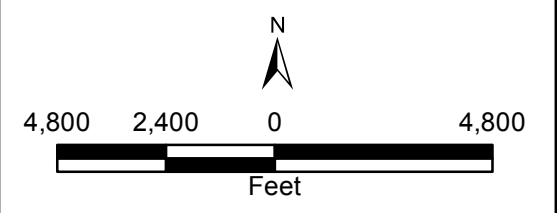
CL-SFCR-8



SOUTH FORK CROW
 Little Kandiyohi Lake Overview Map



- ### Legend
- 2006 National Land Cover Dataset**
- Wetlands
 - Barren Land (Rock/Sand/Clay)
 - Developed Land
 - Cultivated Crops
 - Forest
 - Grassland/Herbaceous
 - Open Water
 - Pasture/Hay
 - Shrub/Scrub
 - Publicly Managed Lands
 - Conservation Easements
 - Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary



2015 Aerial Photograph (Source: MN GEO)
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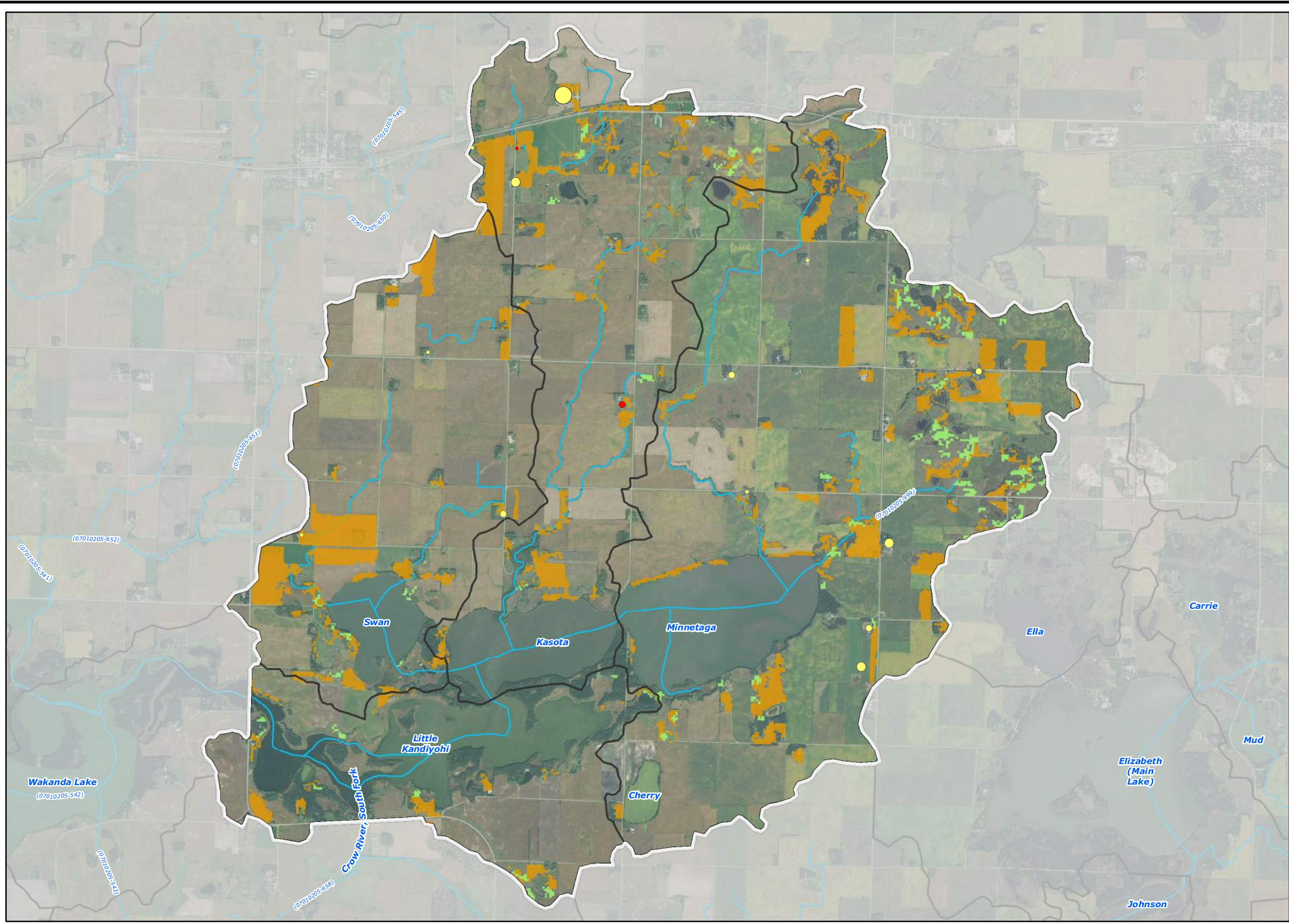
SOUTH FORK CROW

Little Kandiyohi Lake Land Cover Map

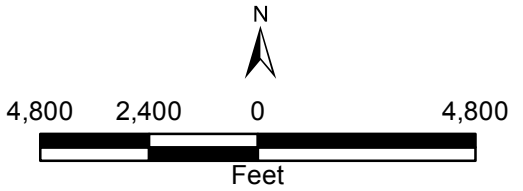


2016

LKL-2



- ### Legend
- MPCA Feedlots - Animal Units (shoreland in red)**
- <50
 - 50 - 100
 - 100 - 250
 - 250 - 500
 - 500 - 1,000
 - >1,000
- 2006 National Land Cover Dataset**
- Grassland/Herbaceous
 - Pasture/Hay
 - Subwatershed Boundary
 - Minor Subwatershed Boundary
 - Streams



2015 Aerial Photograph (Source: MN GEO)
 Path: L:\2366\0010\MXD\Presentation\Feedlots.mxd
 Date: 11/18/2016 Time: 8:13:31 AM User: KacHD0606

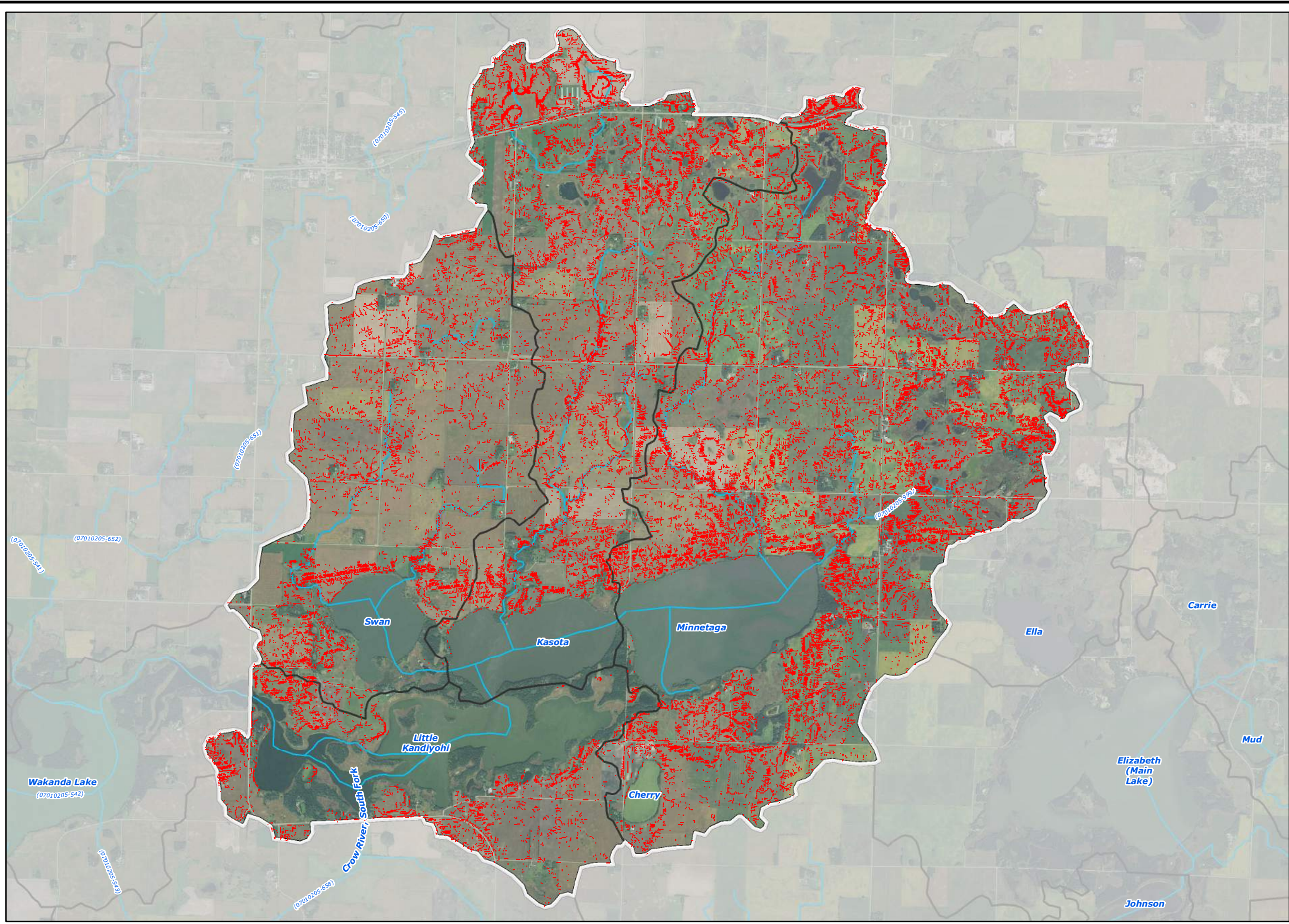
SOUTH FORK CROW

Little Kandiyohi Lake Registered Feedlots

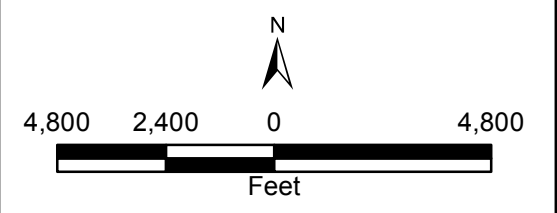


2016

LKL-3



- ### Legend
- High Potential Soil Loss Areas (RUSLE)
 - ~ Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary



2015 Aerial Photograph (Source: MN GEO)
 Path: L:\2366\0010\IMXD\Presentation\RUSLE Soil Loss.mxd
 Date: 11/14/2016 Time: 4:28:16 PM User: KacHD0606

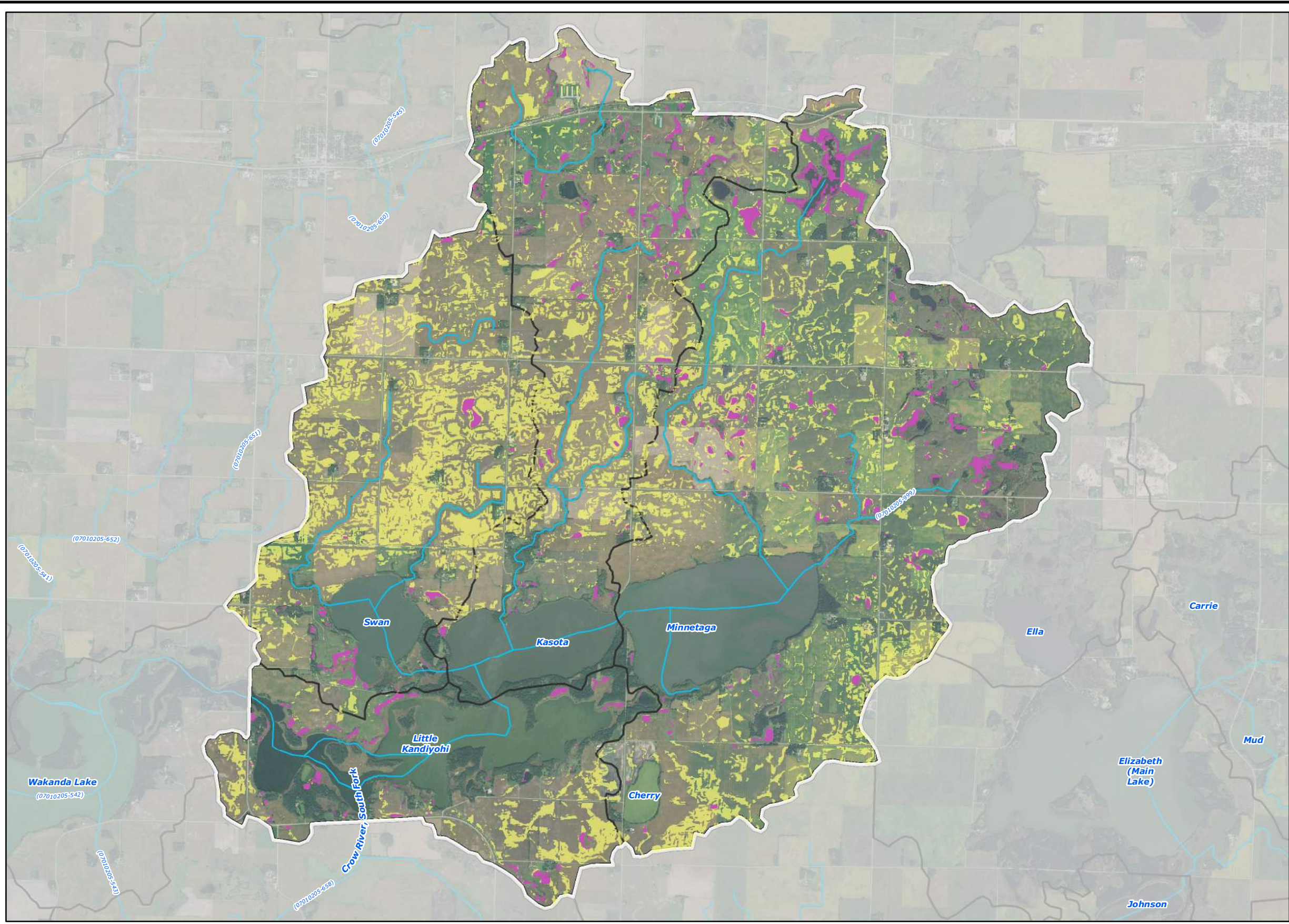
SOUTH FORK CROW

Little Kandiyohi Lake High Potential Soil Loss Areas

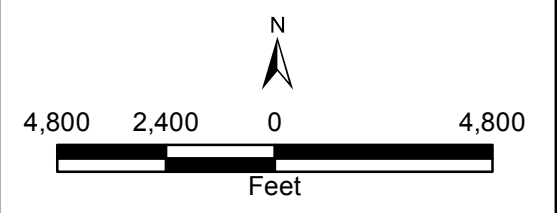


2016

LKL-4



- ### Legend
- Potentially Drained/Tile Drained Areas**
- All Criteria Met
 - All Criteria Met (Within NWI)
 - Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary



2015 Aerial Photograph (Source: MN GEO)
 Path: L:\2366\0010\MXD\Presentation\Drained Land.mxd
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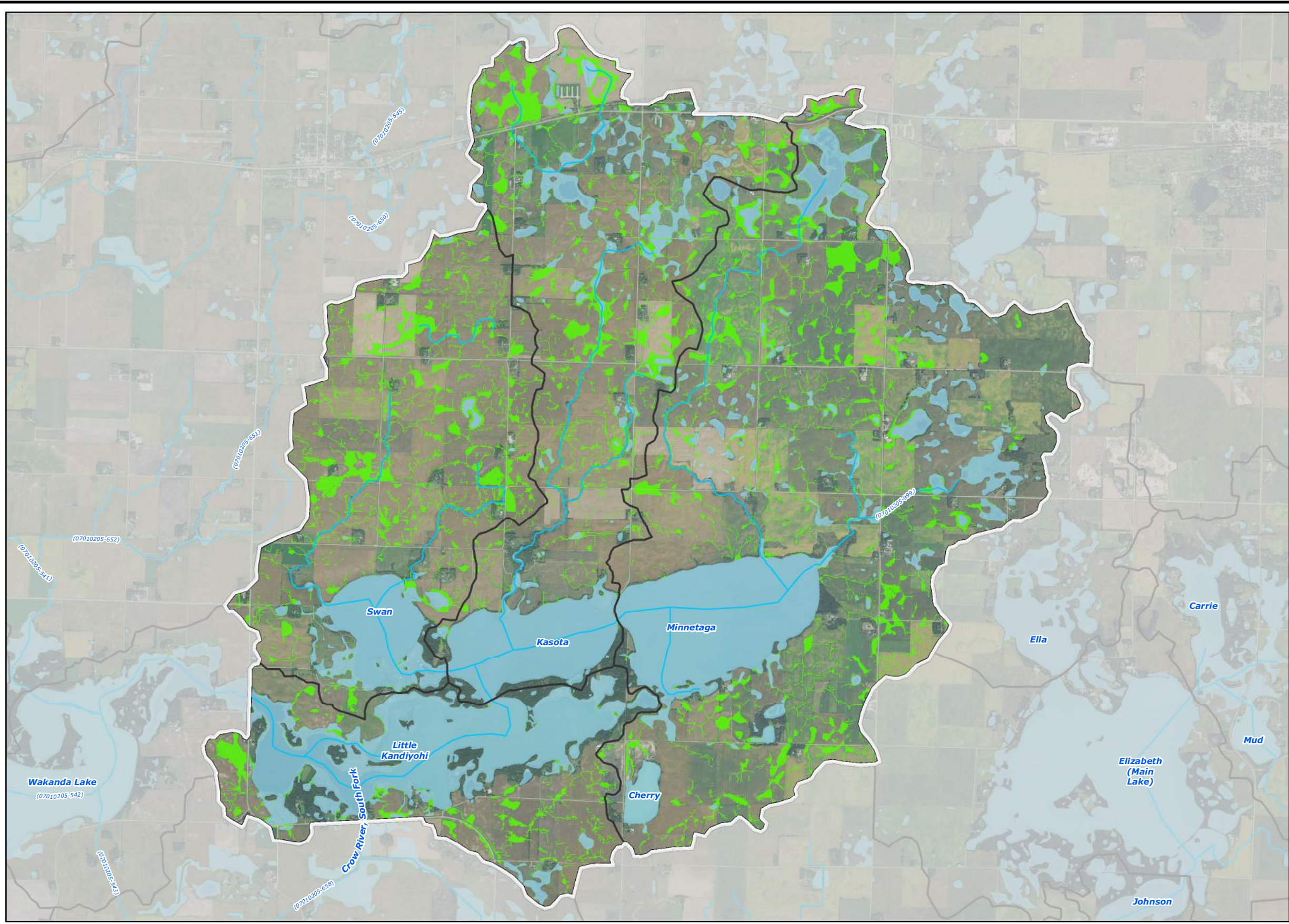
SOUTH FORK CROW






Little Kandiyohi Lake Potentially Tile Drained Lands

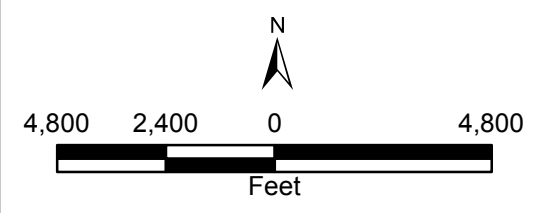


2016

LKL-5



- ### Legend
-  Restorable Wetland Index Areas (RWI)
 -  National Wetland Inventory
 -  Streams
 -  Subwatershed Boundary
 -  Minor Subwatershed Boundary



2015 Aerial Photograph (Source: MN GEO)
 Path: L:\2366\0010\MXD\Presentation\RWI Restorable Wetlands.mxd
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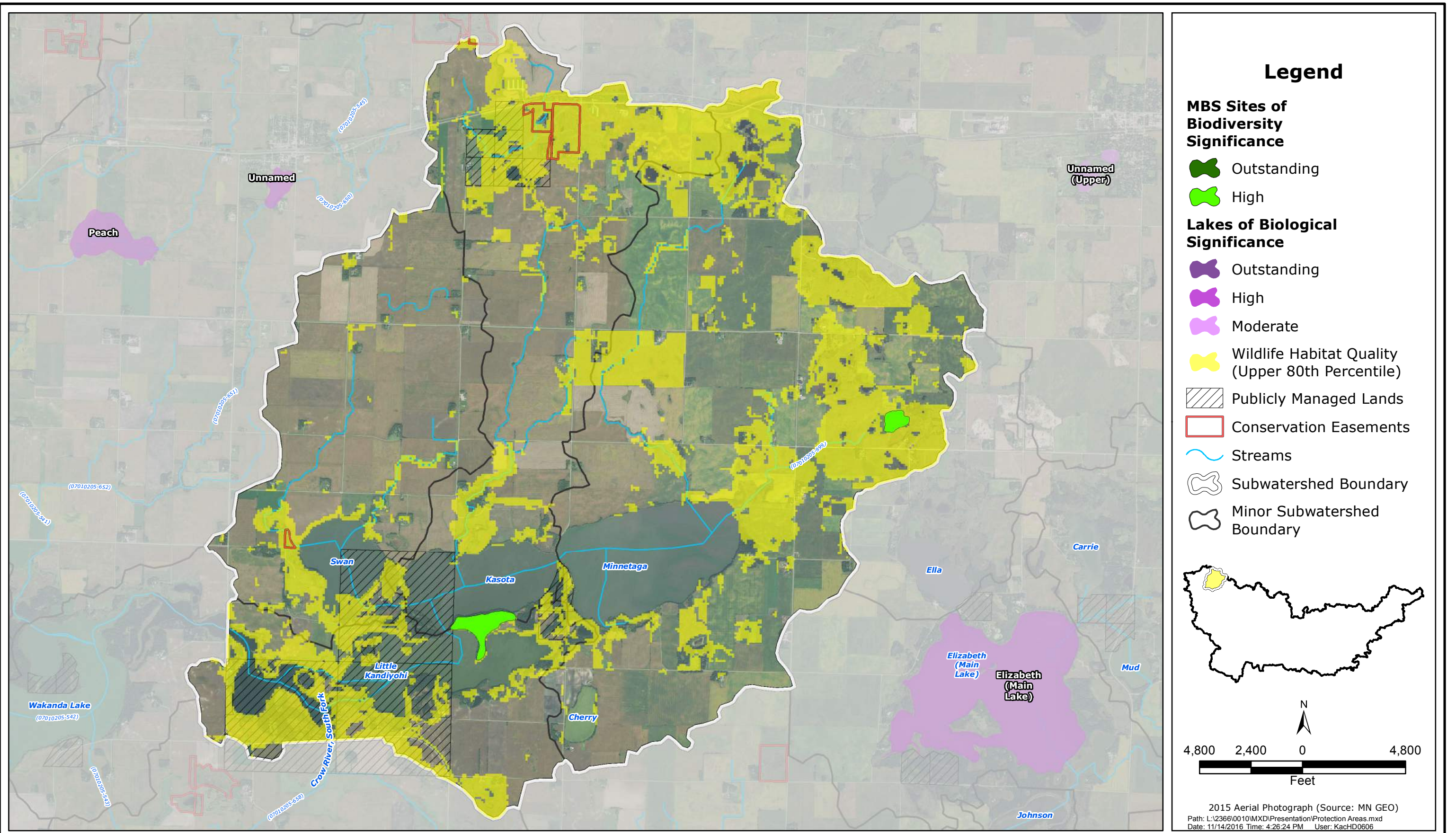
SOUTH FORK CROW

Wakanda Lake Restorable Wetland Index Areas

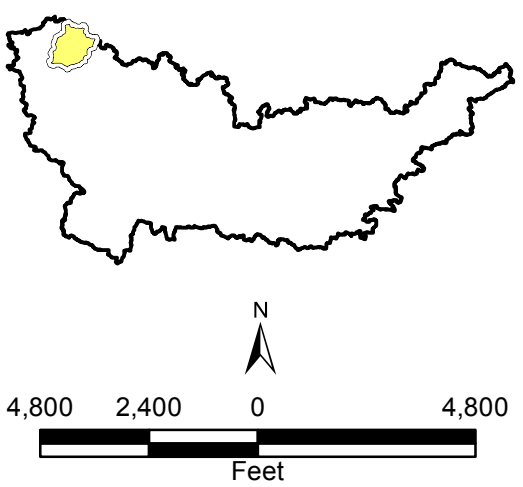


2016

LKL-6



- ### Legend
- MBS Sites of Biodiversity Significance**
- Outstanding
 - High
- Lakes of Biological Significance**
- Outstanding
 - High
 - Moderate
 - Wildlife Habitat Quality (Upper 80th Percentile)
 - Publicly Managed Lands
 - Conservation Easements
 - Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary



2015 Aerial Photograph (Source: MN GEO)
 Path: L:\2366\0010\MXD\Presentation\Protection Areas.mxd
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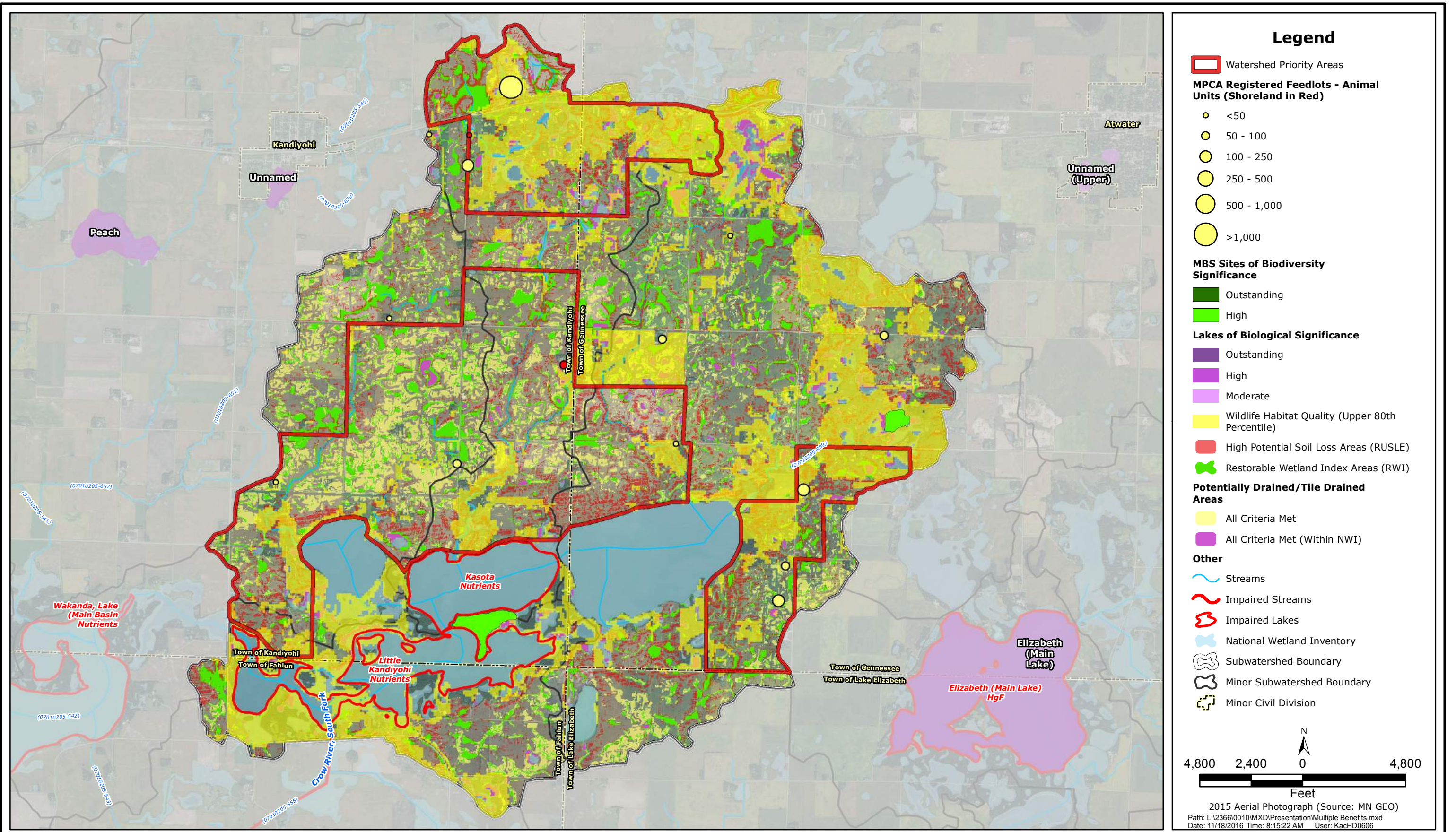
SOUTH FORK CROW

Little Kandiyohi Lake Areas of Biological Significance Map



2016

LKL-7



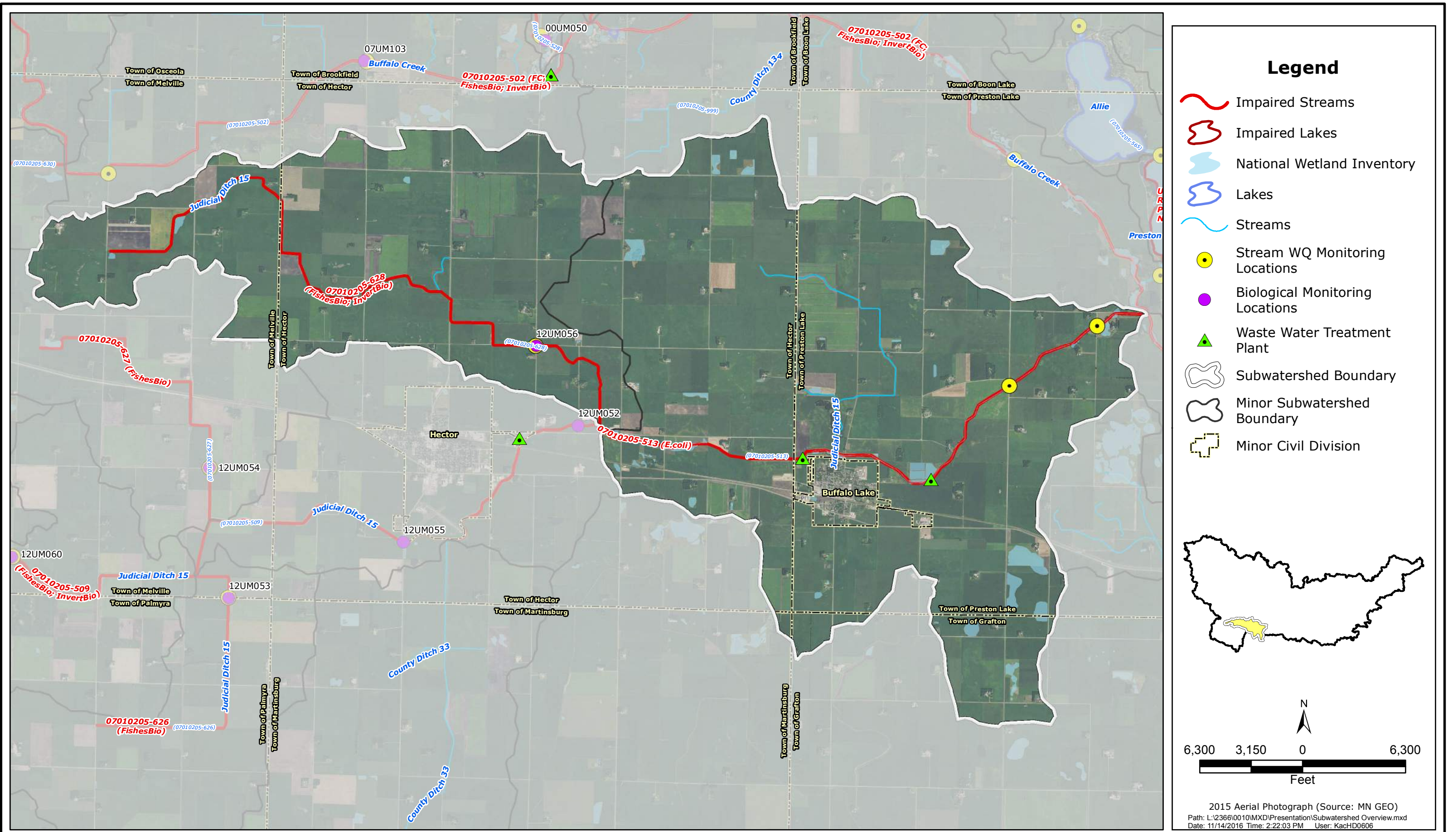
SOUTH FORK CROW

Little Kandiyohi Lake Benefited Areas



2016

LKL-8



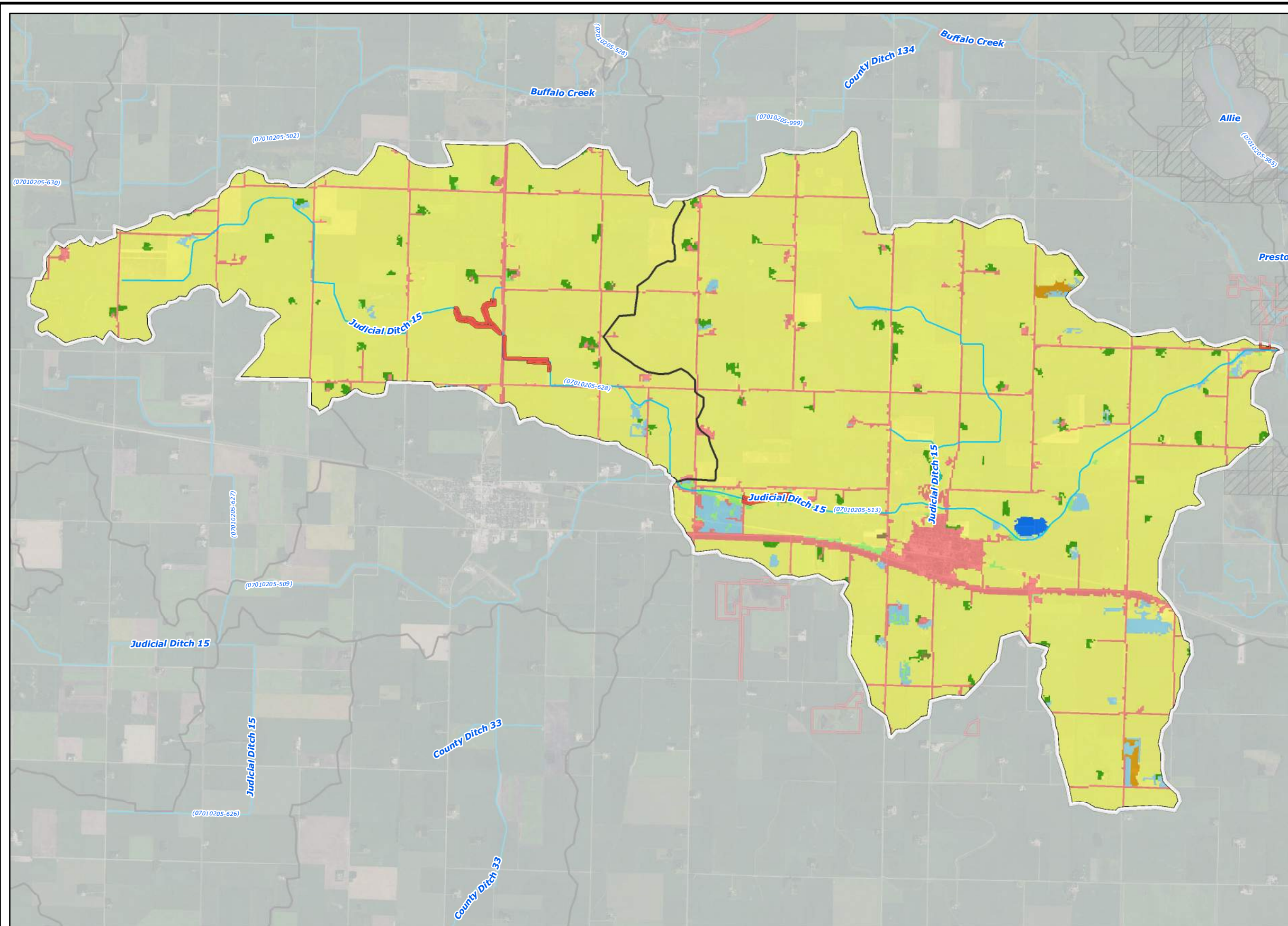
SOUTH FORK CROW

Lower Judicial Ditch No 15 Overview Map

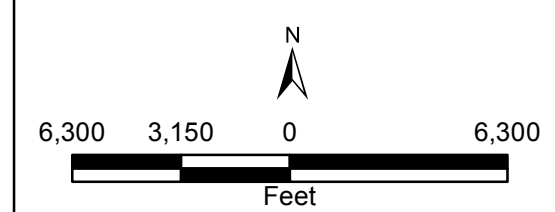
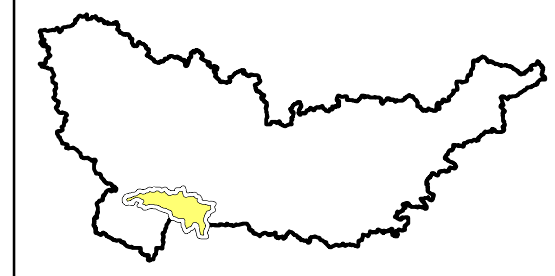


2016

LJD15-1



- ### Legend
- 2006 National Land Cover Dataset**
- Wetlands
 - Barren Land (Rock/Sand/Clay)
 - Developed Land
 - Cultivated Crops
 - Forest
 - Grassland/Herbaceous
 - Open Water
 - Pasture/Hay
 - Shrub/Scrub
 - Publicly Managed Lands
 - Conservation Easements
 - Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary



2015 Aerial Photograph (Source: MN GEO)
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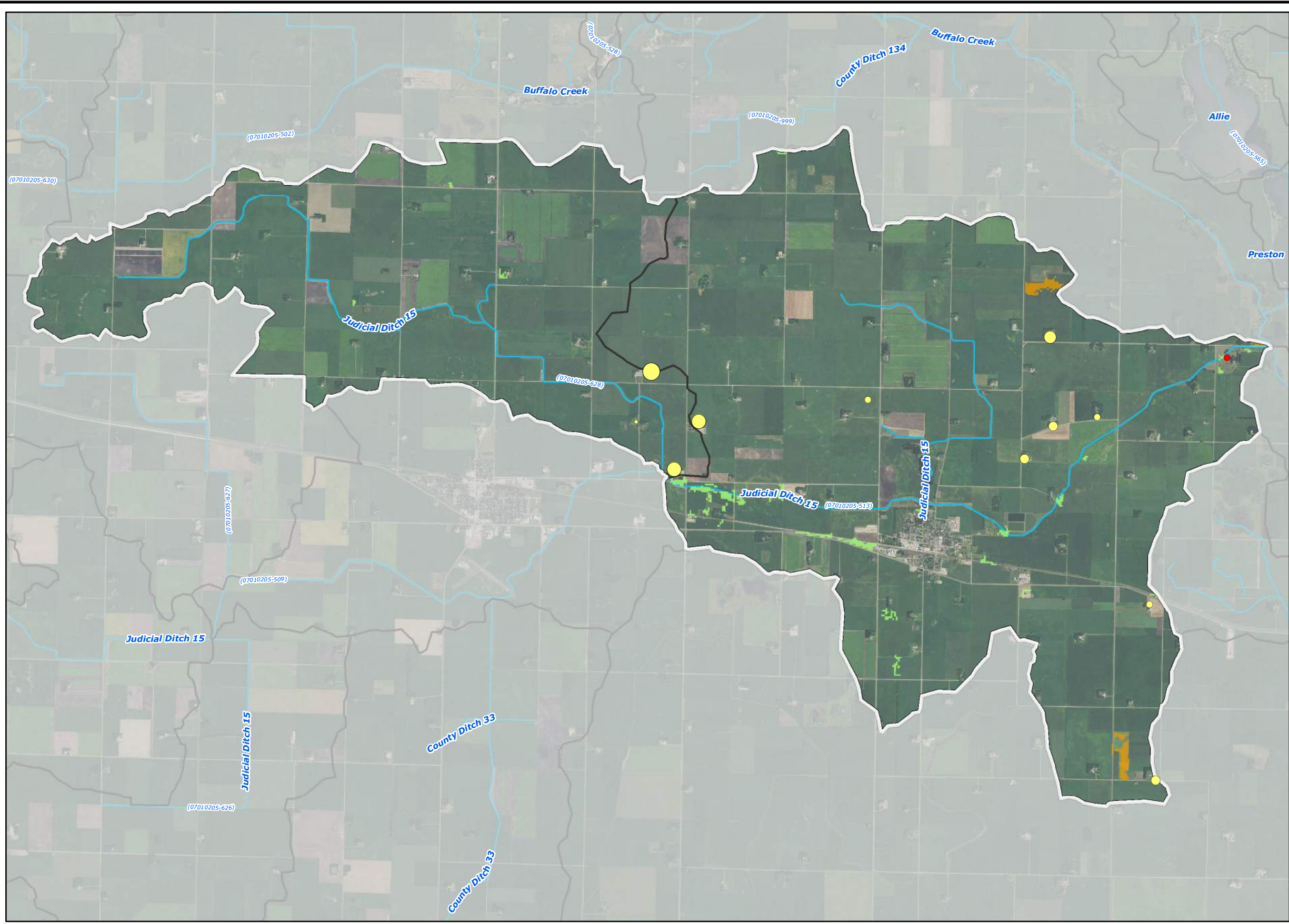
SOUTH FORK CROW

Lower Judicial Ditch No 15 Land Cover Map



2016

LJD15-2



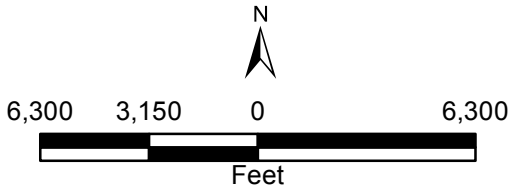
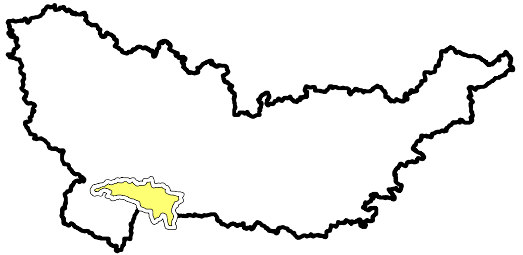
Legend

MPCA Feedlots - Animal Units (shoreland in red)

- <50
- 50 - 100
- 100 - 250
- 250 - 500
- 500 - 1,000
- >1,000

2006 National Land Cover Dataset

- Grassland/Herbaceous
- Pasture/Hay
- Subwatershed Boundary
- Minor Subwatershed Boundary
- Streams



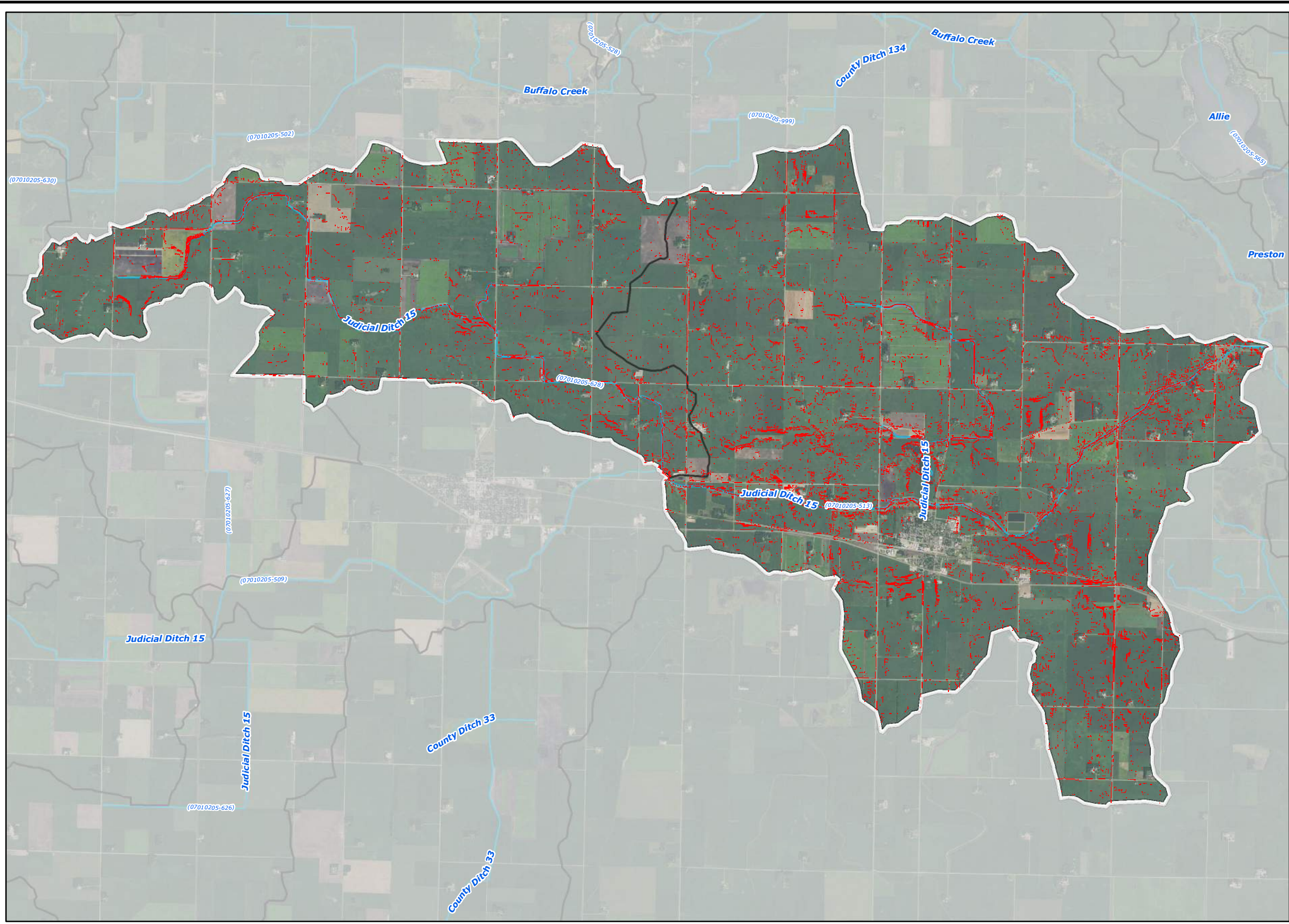
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SOUTH FORK CROW
 Lower Judicial Ditch No 15 Registered Feedlots

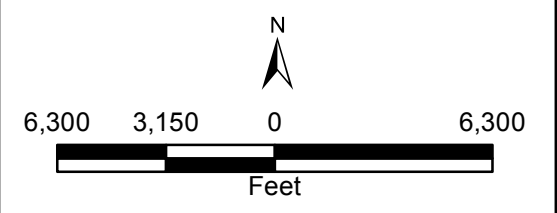
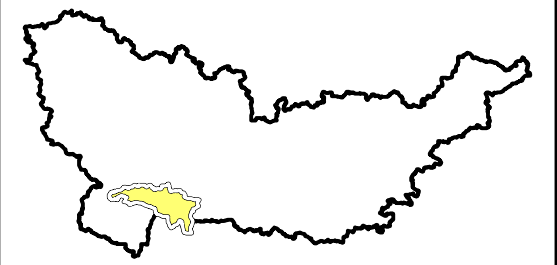


Responsive partner. Exceptional outcomes.

2016
 LJD15-3



- ### Legend
- High Potential Soil Loss Areas (RUSLE)
 - Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary



2015 Aerial Photograph (Source: MN GEO)
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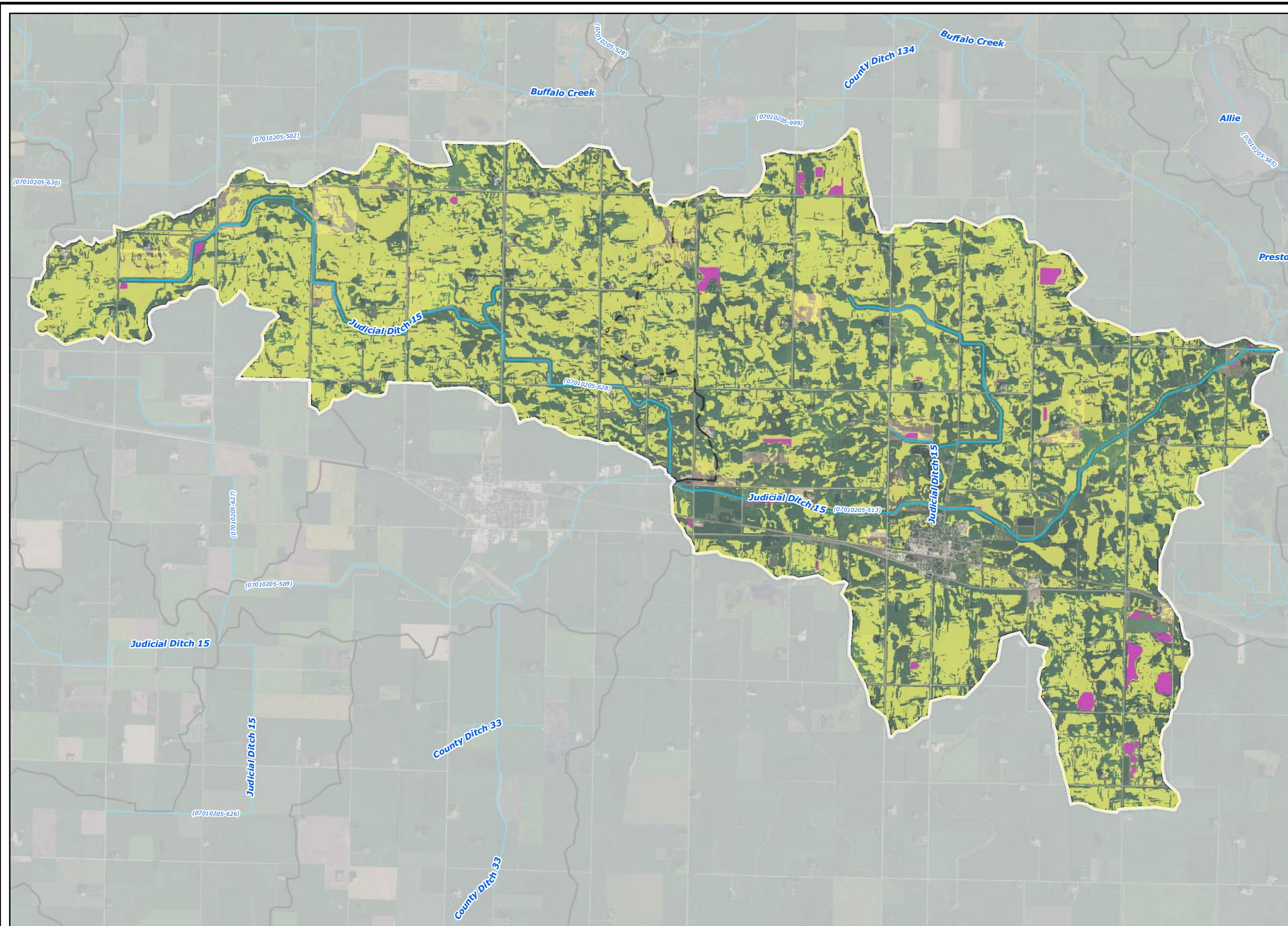
SOUTH FORK CROW

Lower Judicial Ditch No 15 High Potential Soil Loss Areas



2016

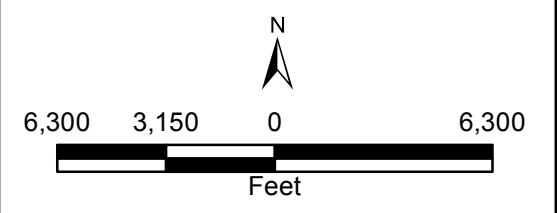
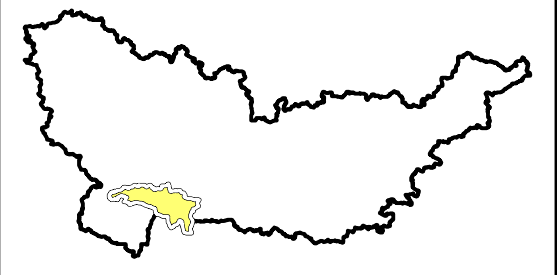
LJD15-4



Legend

Potentially Drained/Tile Drained Areas

- All Criteria Met
- All Criteria Met (Within NWI)
- Streams
- Subwatershed Boundary
- Minor Subwatershed Boundary



2015 Aerial Photograph (Source: MN GEO)
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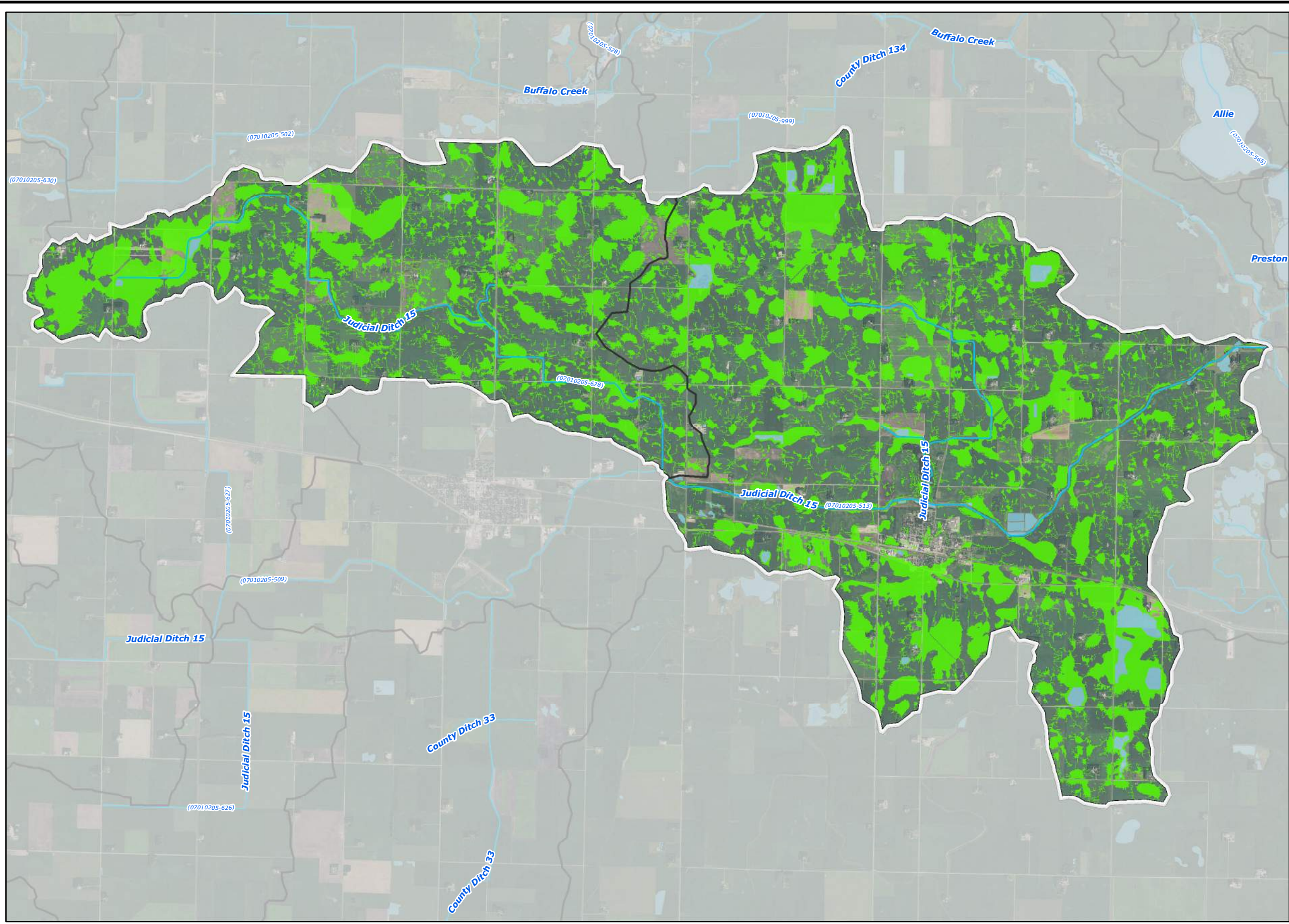
SOUTH FORK CROW






Lower Judicial Ditch No 15 Potentially Tile Drained Lands

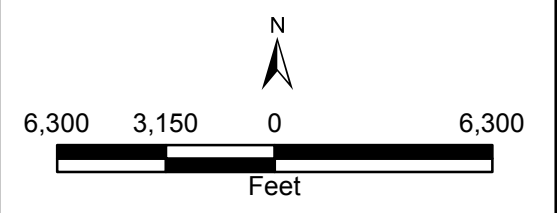
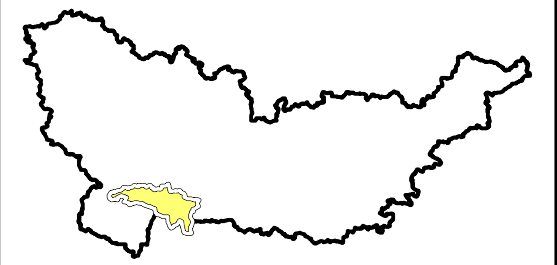


2016

LJD15-5



- ### Legend
-  Restorable Wetland Index Areas (RWI)
 -  National Wetland Inventory
 -  Streams
 -  Subwatershed Boundary
 -  Minor Subwatershed Boundary

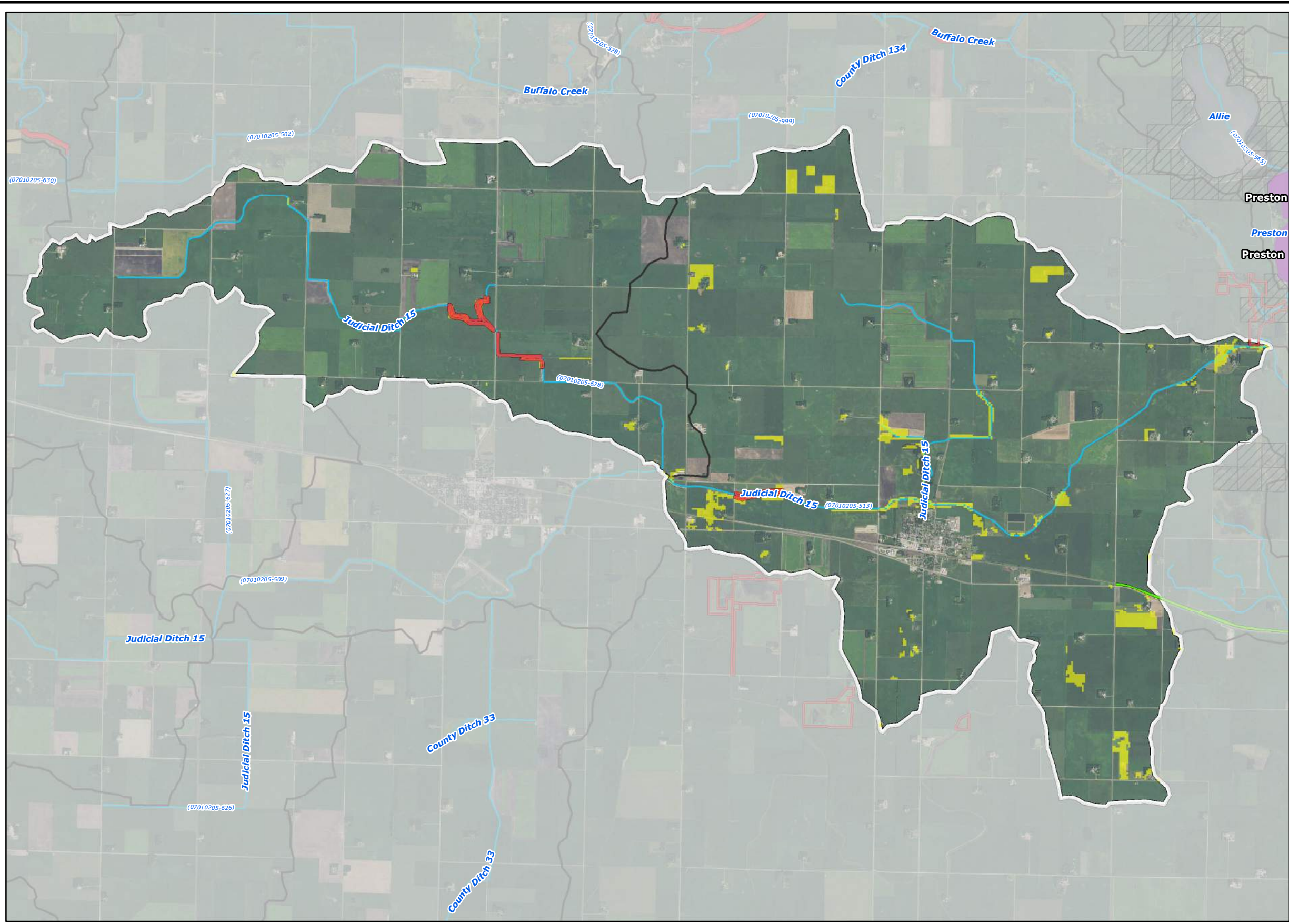


2015 Aerial Photograph (Source: MN GEO)
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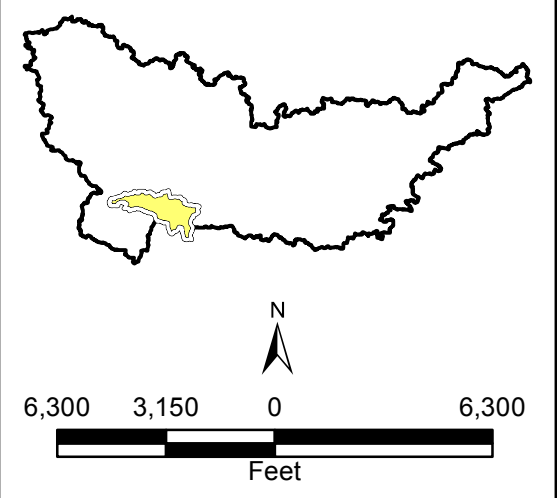
SOUTH FORK CROW
 Wakanda Lake Restorable Wetland Index Areas



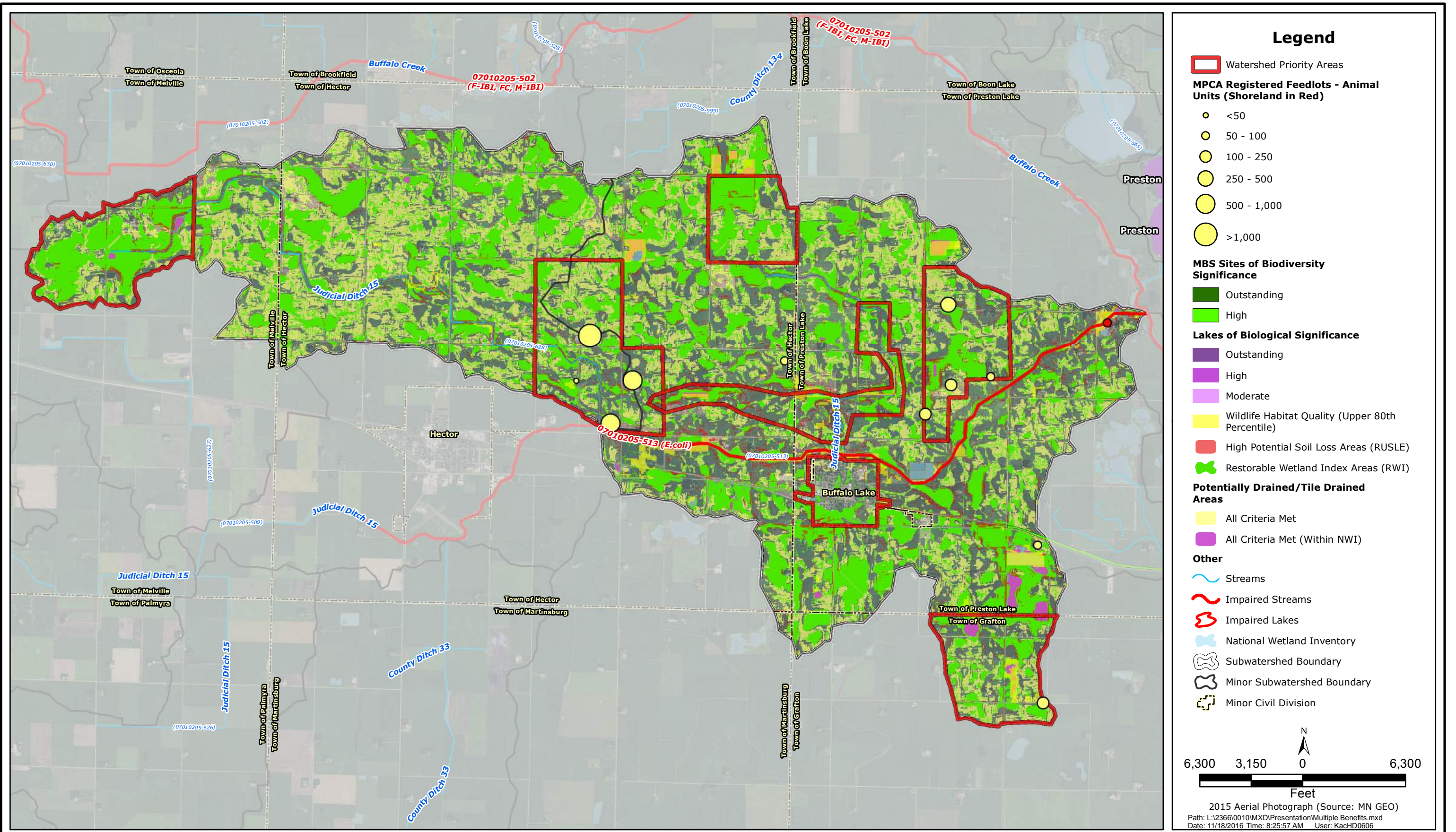
2016
 LJD15-6



- ### Legend
- MBS Sites of Biodiversity Significance**
- Outstanding
 - High
- Lakes of Biological Significance**
- Outstanding
 - High
 - Moderate
 - Wildlife Habitat Quality (Upper 80th Percentile)
 - Publicly Managed Lands
 - Conservation Easements
 - Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary



2015 Aerial Photograph (Source: MN GEO)
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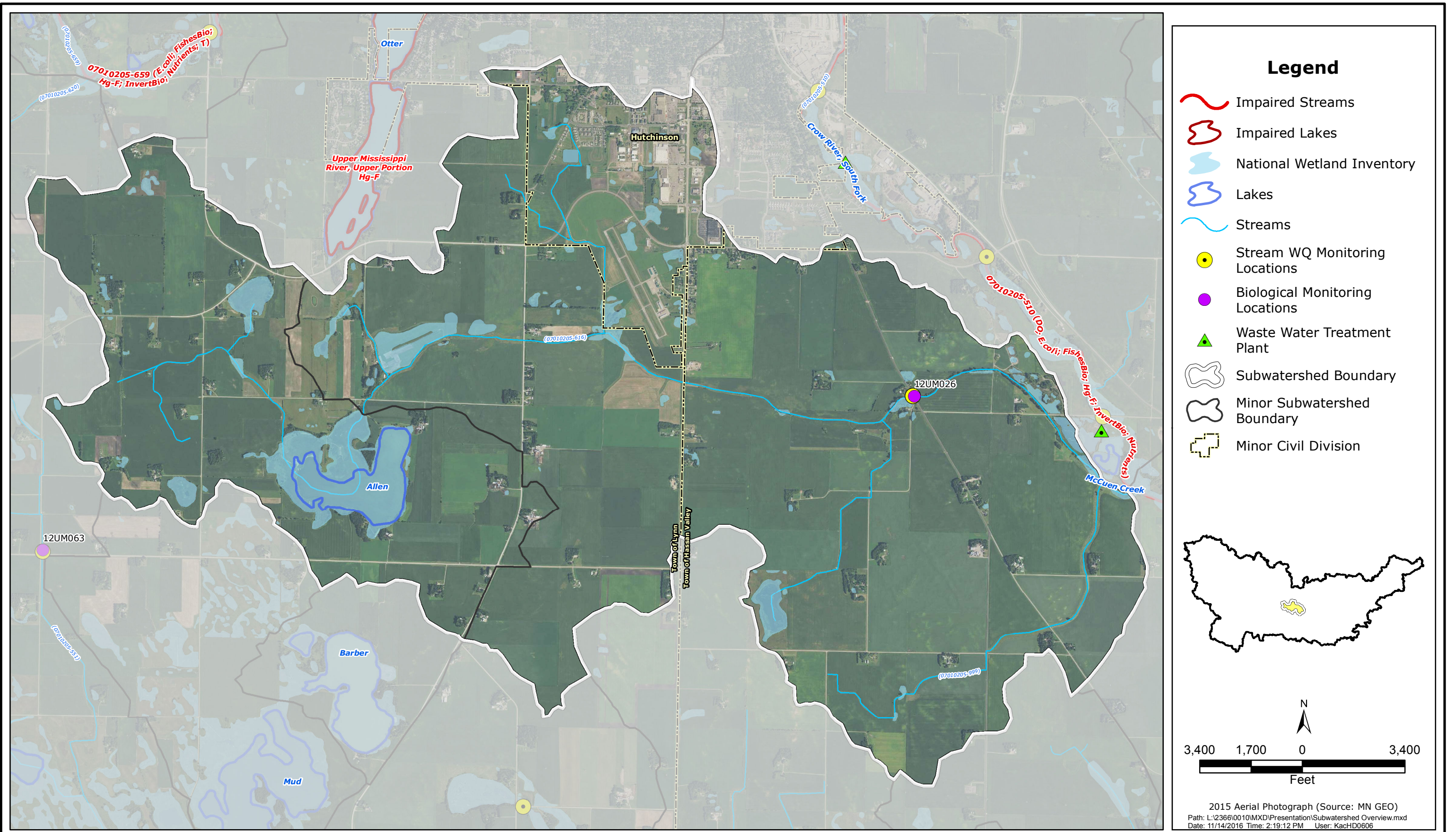
SOUTH FORK CROW

Lower Judicial Ditch No 15 Benefited Areas



2016

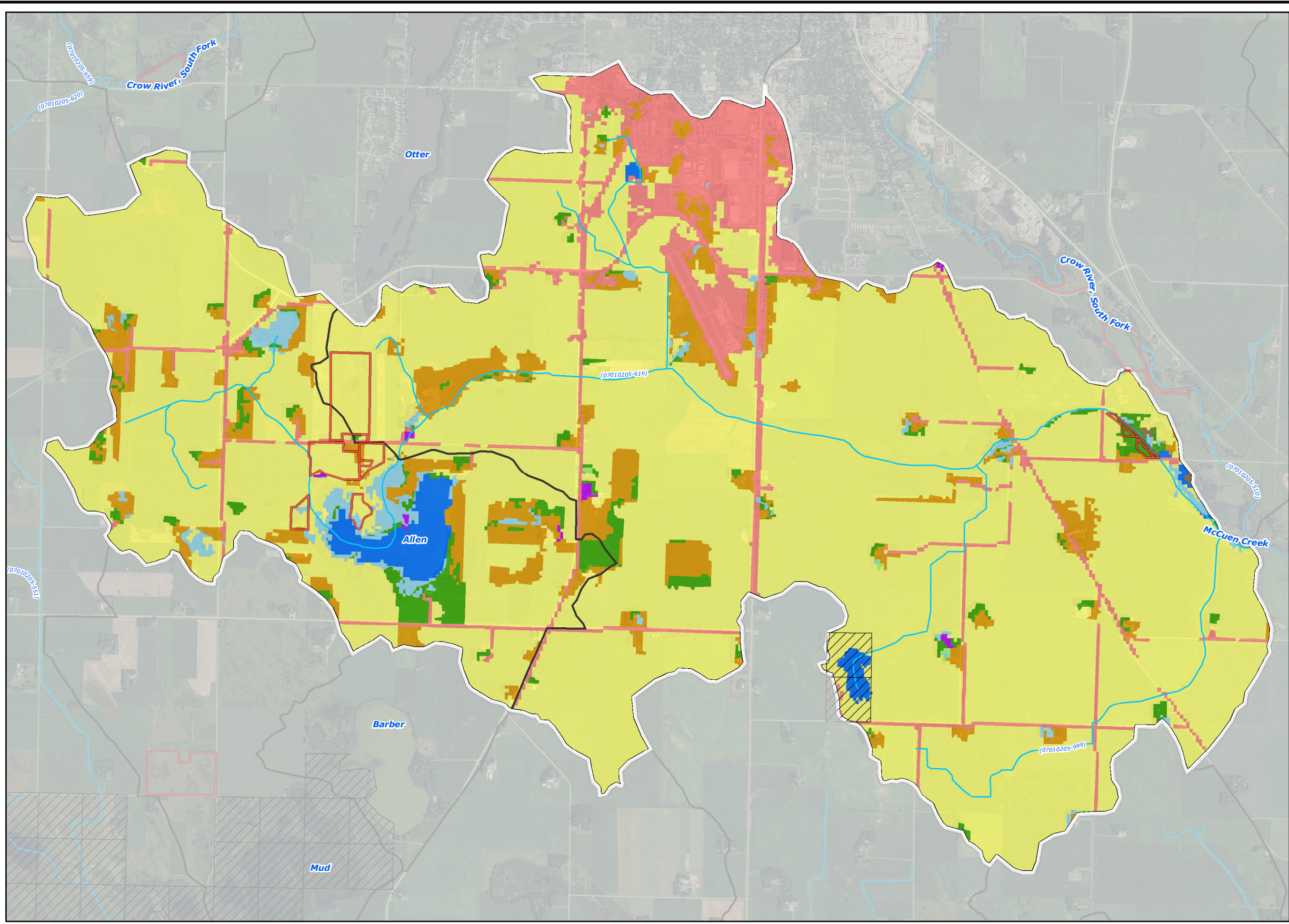
LJD15-8



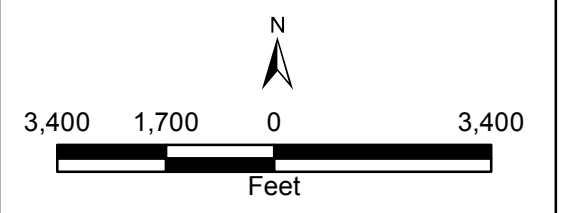
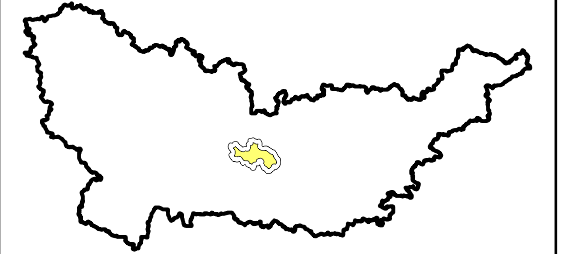
SOUTH FORK CROW
 McCuen Creek Overview Map



2016
 MCC-1



- ### Legend
- 2006 National Land Cover Dataset**
- Wetlands
 - Barren Land (Rock/Sand/Clay)
 - Developed Land
 - Cultivated Crops
 - Forest
 - Grassland/Herbaceous
 - Open Water
 - Pasture/Hay
 - Shrub/Scrub
 - Publicly Managed Lands
 - Conservation Easements
 - ~ Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary

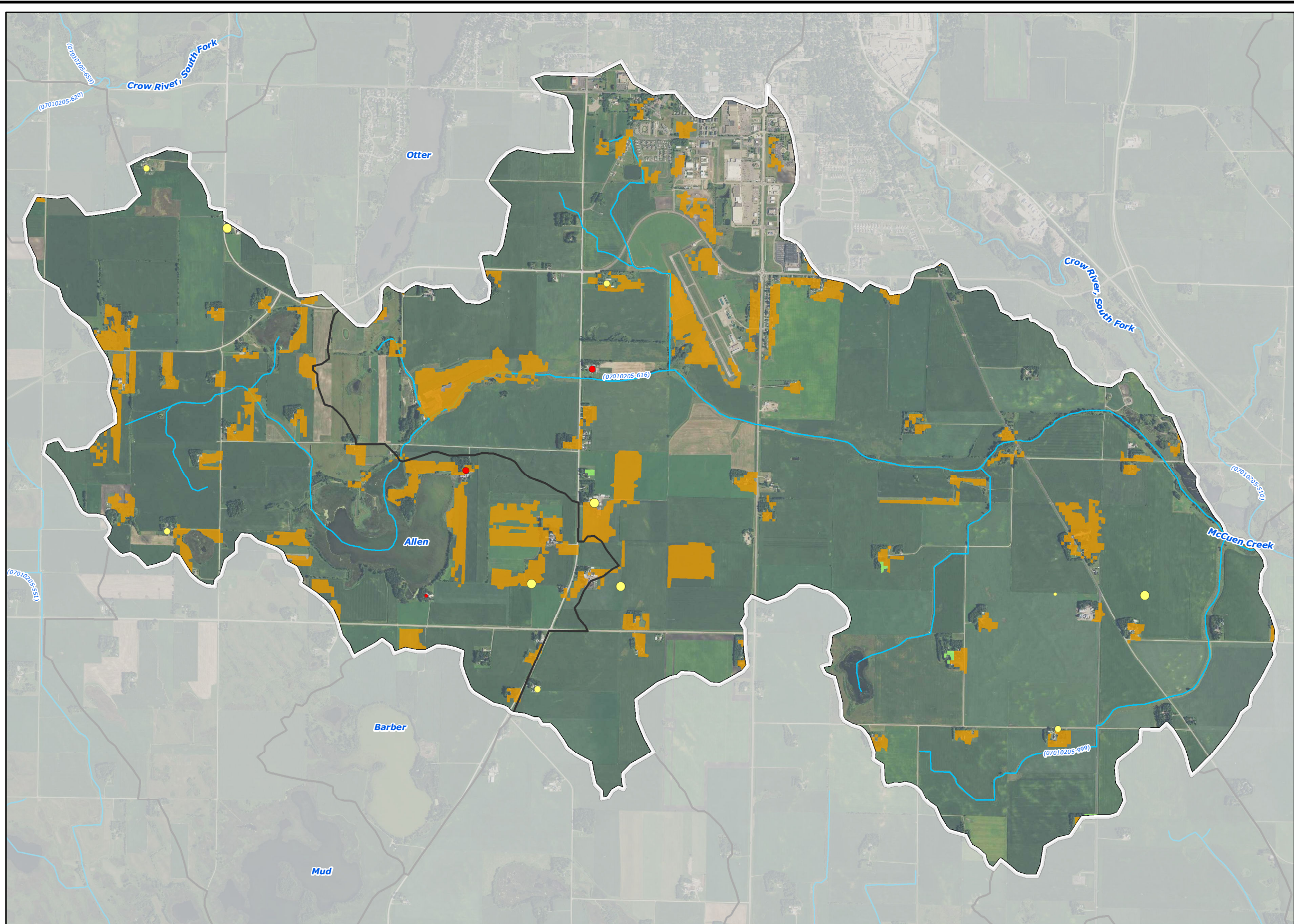


2015 Aerial Photograph (Source: MN GEO)
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 Date: 11/18/2016 Time: 8:45:11 AM User: KacHD0606

SOUTH FORK CROW
 McCuen Creek Land Cover Map



2016
 MCC-2



Legend

MPCA Feedlots - Animal Units (shoreland in red)

- <50
- 50 - 100
- 100 - 250
- 250 - 500
- 500 - 1,000
- >1,000

2006 National Land Cover Dataset

- Grassland/Herbaceous
- Pasture/Hay
- Subwatershed Boundary
- Minor Subwatershed Boundary
- ~ Streams

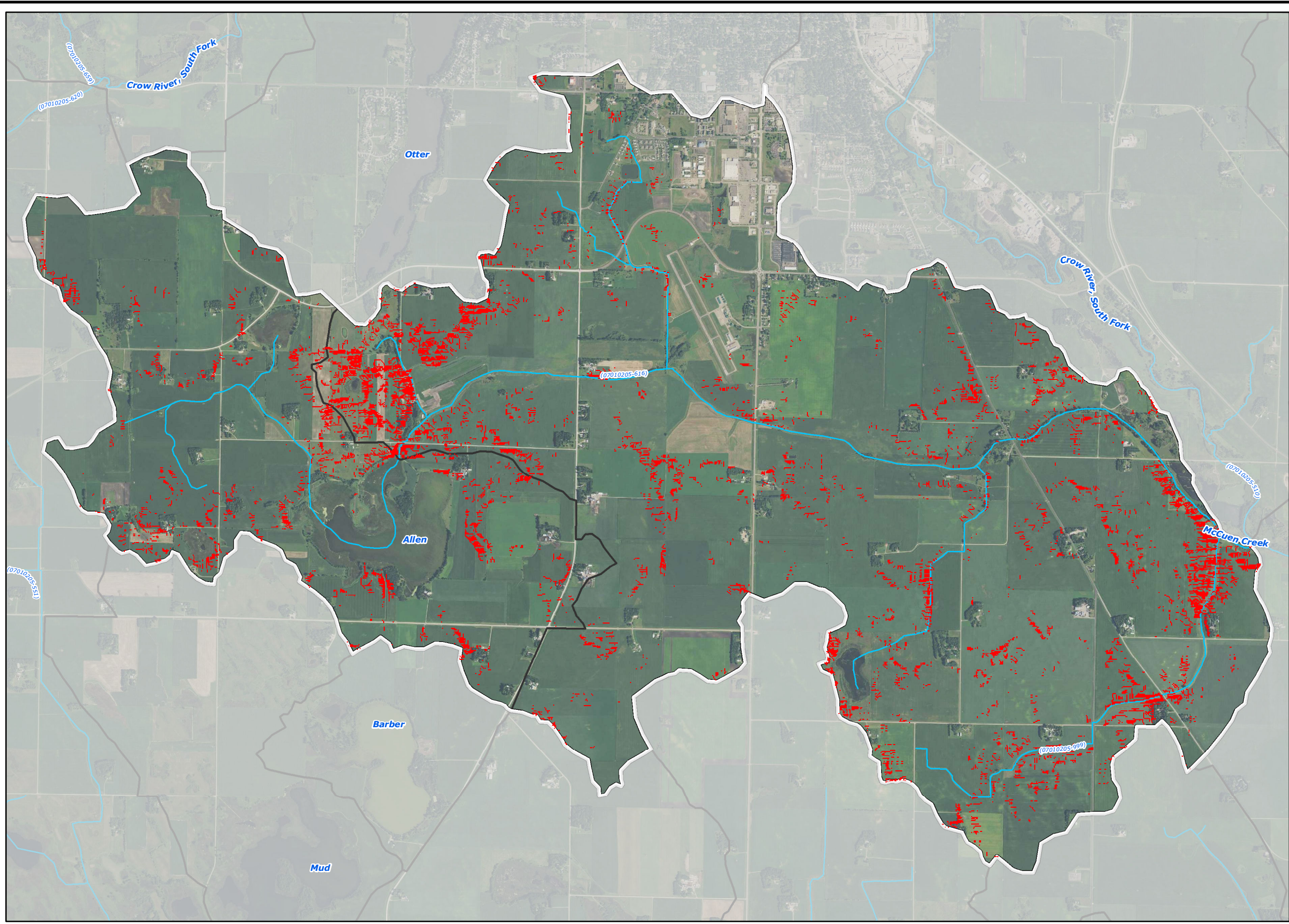
3,400 1,700 0 3,400
Feet

2015 Aerial Photograph (Source: MN GEO)
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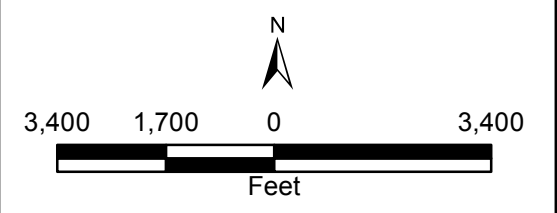
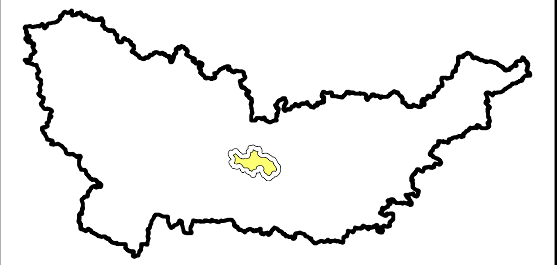
SOUTH FORK CROW
McCuen Creek Registered Feedlots



2016
MCC-3



- ### Legend
- High Potential Soil Loss Areas (RUSLE)
 - Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary

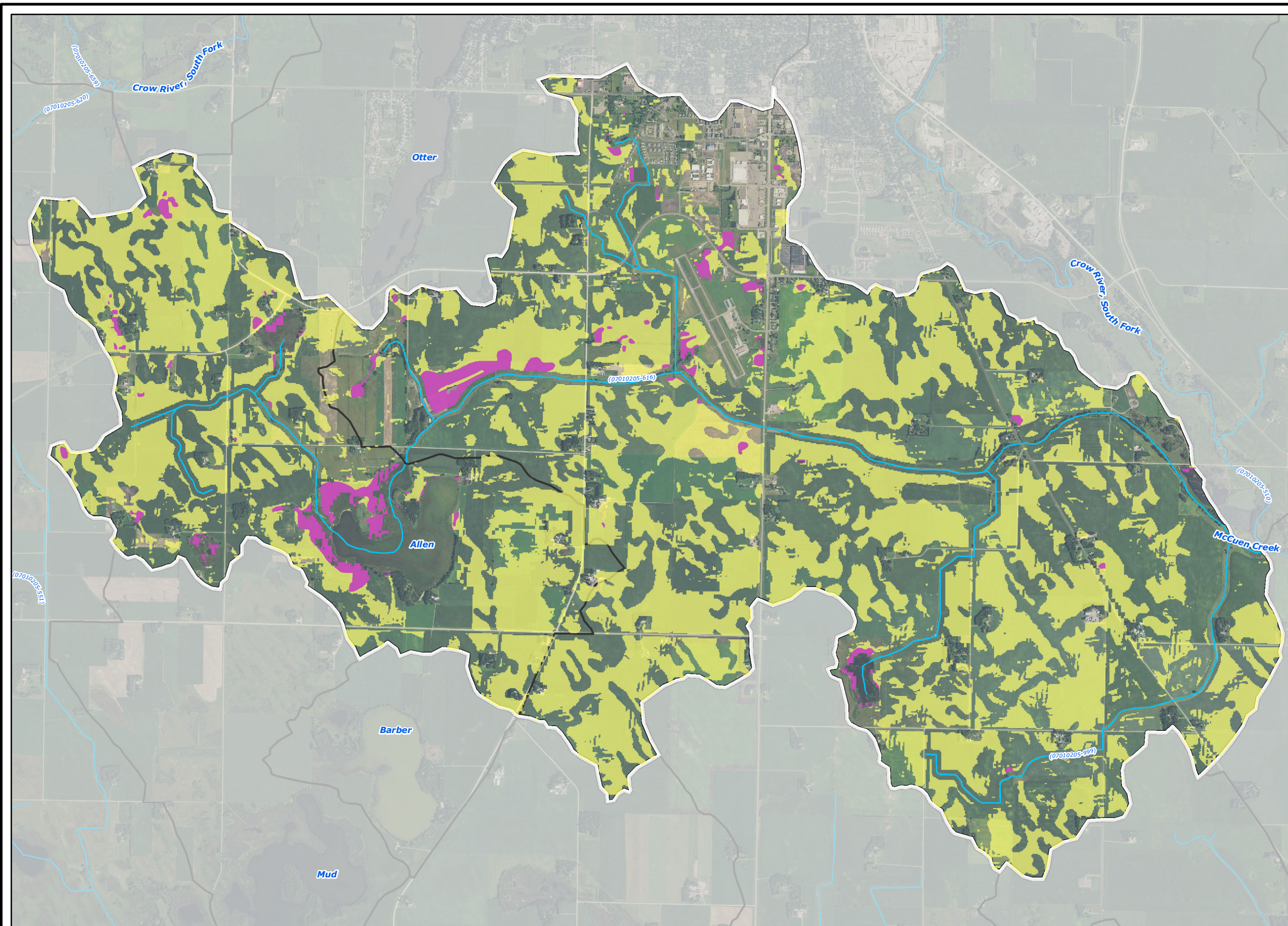


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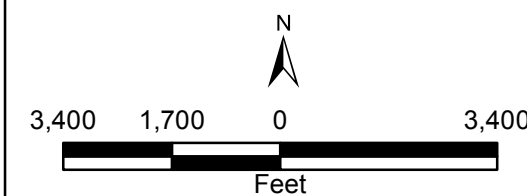
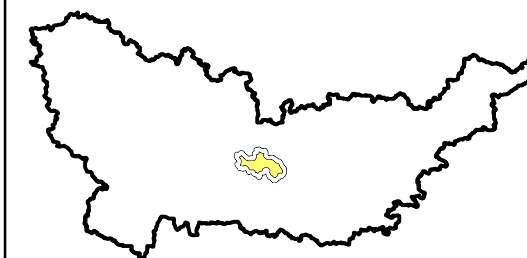
SOUTH FORK CROW
 McCuen Creek High Potential Soil Loss Areas



2016
 MCC-4



- ### Legend
- Potentially Drained/Tile Drained Areas**
- All Criteria Met
 - All Criteria Met (Within NWI)
 - Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary



2015 Aerial Photograph (Source: MN GEO)
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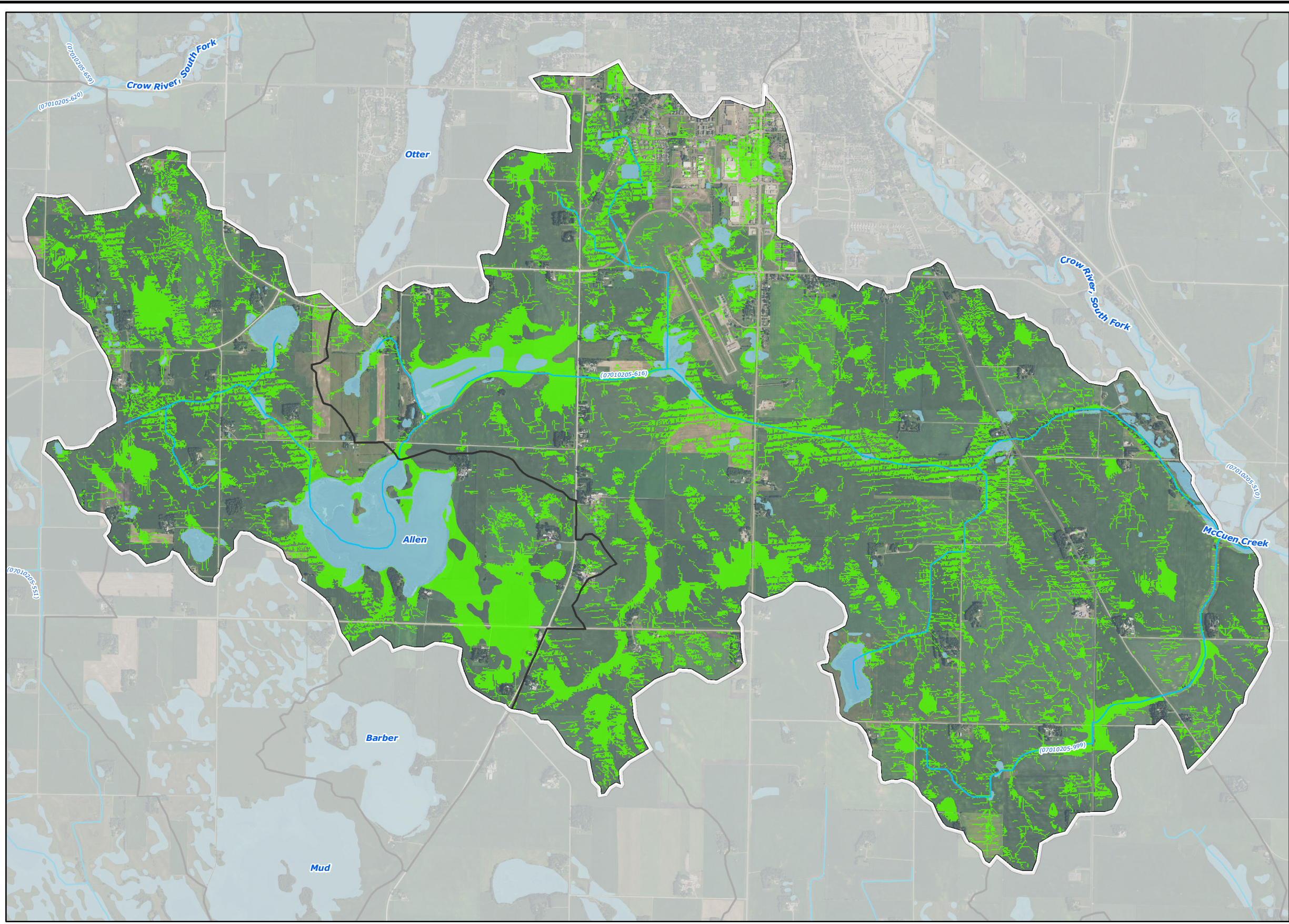
SOUTH FORK CROW






McCuen Creek Potentially Tile Drained Lands

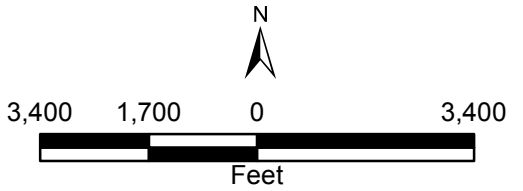
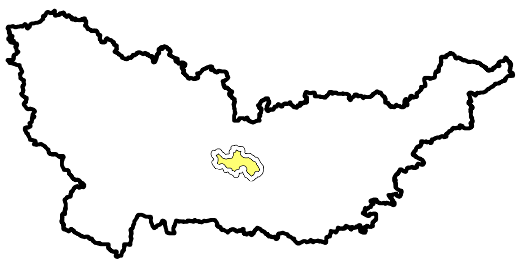


2016

MCC-5



- ### Legend
-  Restorable Wetland Index Areas (RWI)
 -  National Wetland Inventory
 -  Streams
 -  Subwatershed Boundary
 -  Minor Subwatershed Boundary

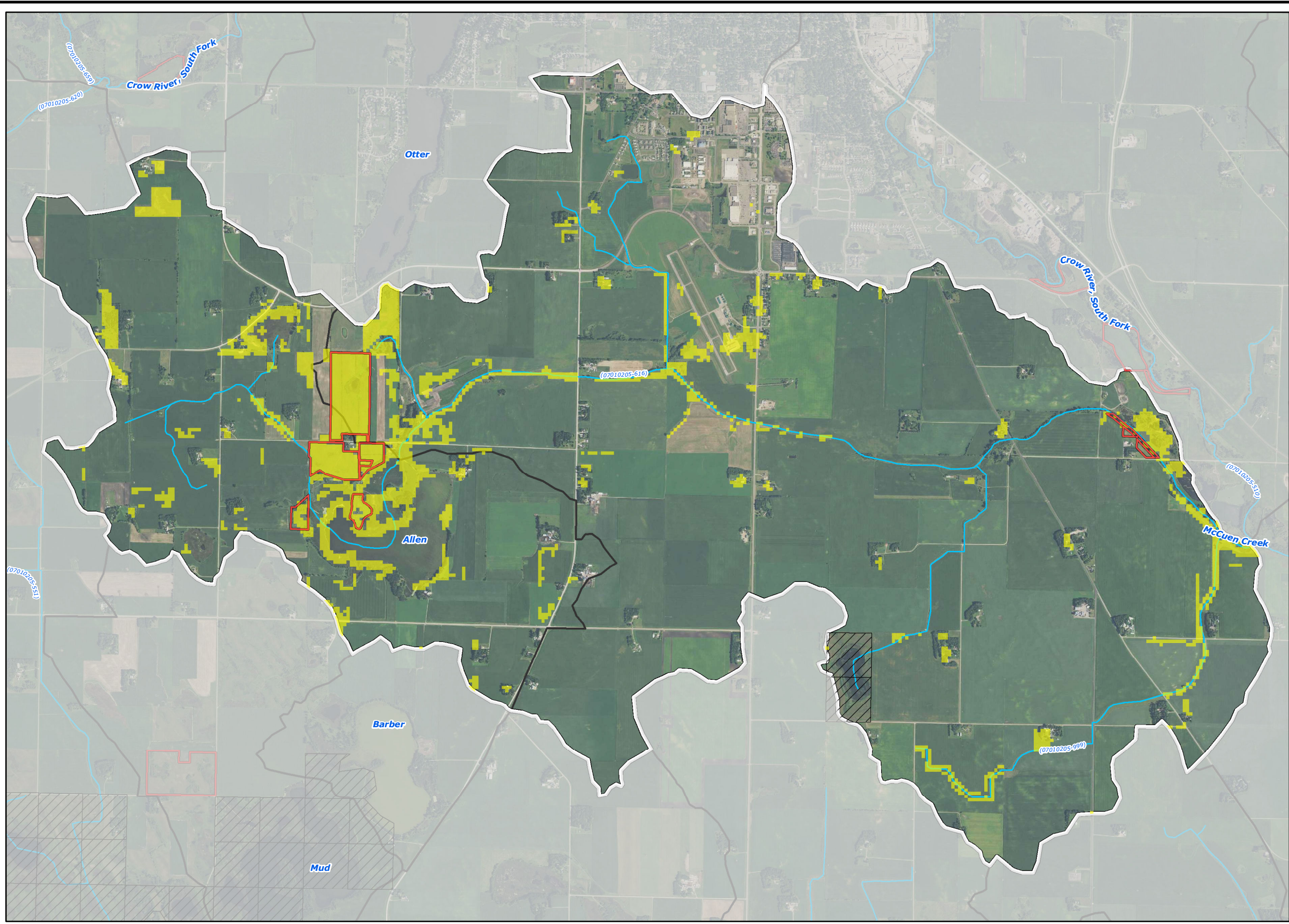


2015 Aerial Photograph (Source: MN GEO)
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 Date: 11/14/2016 Time: 2:31:48 PM User: KacHD0606

SOUTH FORK CROW
 Wakanda Lake Restorable Wetland Index Areas





2016
 MCC-6






Legend

MBS Sites of Biodiversity Significance


-  Outstanding
-  High

Lakes of Biological Significance

-  Outstanding
-  High
-  Moderate


 Wildlife Habitat Quality (Upper 80th Percentile)

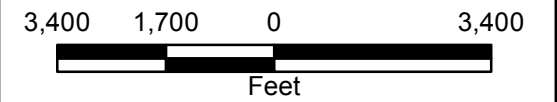
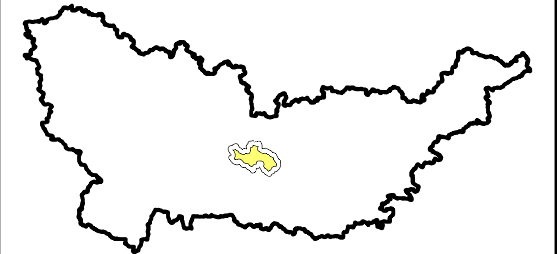
 Publicly Managed Lands

 Conservation Easements

 Streams

 Subwatershed Boundary

 Minor Subwatershed Boundary



2015 Aerial Photograph (Source: MN GEO)
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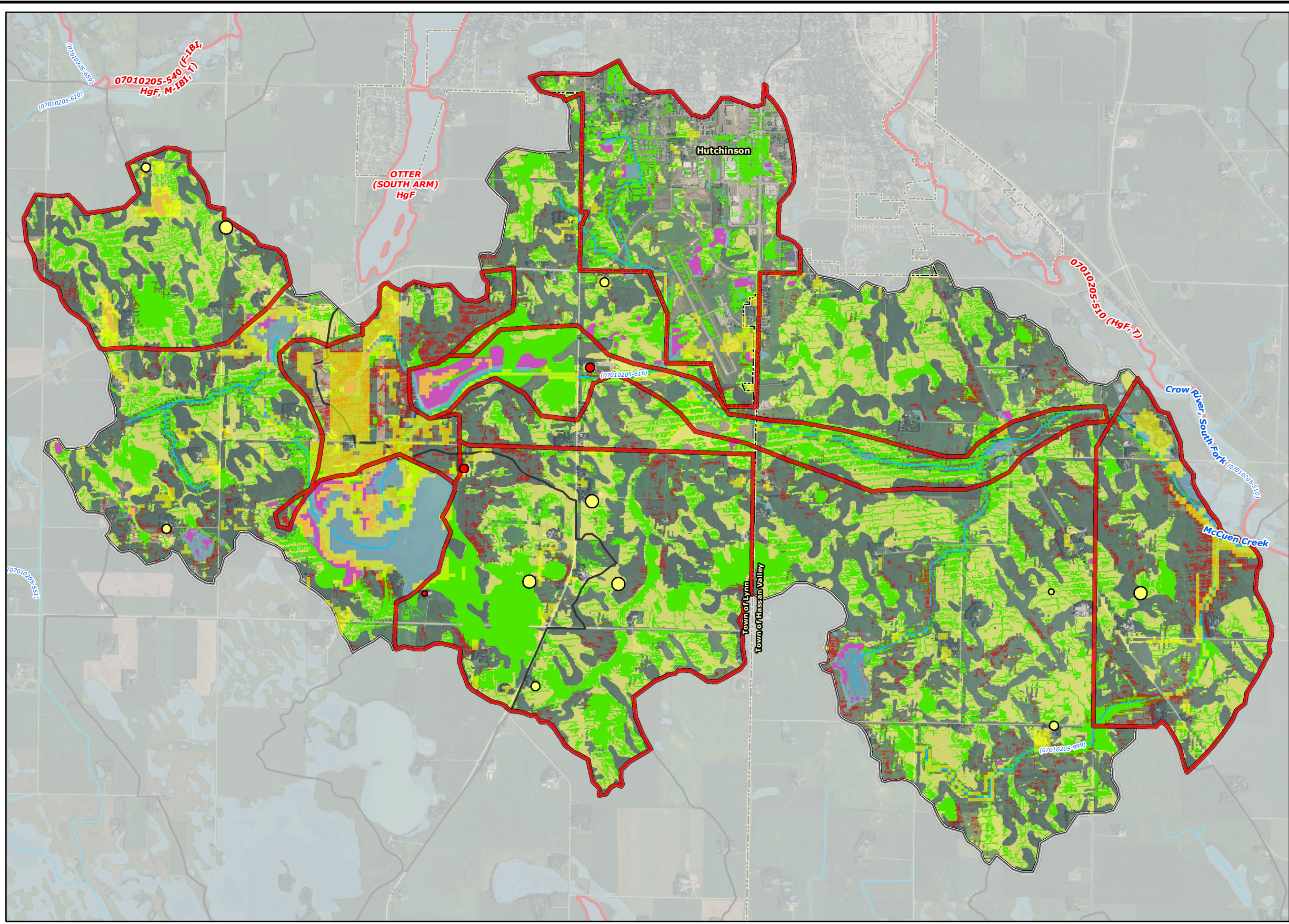
SOUTH FORK CROW

McCuen Creek Areas of Biological Significance Map



2016

MCC-7



Legend

- Watershed Priority Areas
- MPCA Registered Feedlots - Animal Units (Shoreland in Red)**
- <50
- 50 - 100
- 100 - 250
- 250 - 500
- 500 - 1,000
- >1,000
- MBS Sites of Biodiversity Significance**
- Outstanding
- High
- Lakes of Biological Significance**
- Outstanding
- High
- Moderate
- Wildlife Habitat Quality (Upper 80th Percentile)
- High Potential Soil Loss Areas (RUSLE)
- Restorable Wetland Index Areas (RWI)
- Potentially Drained/Tile Drained Areas**
- All Criteria Met
- All Criteria Met (Within NWI)
- Other**
- Streams
- Impaired Streams
- Impaired Lakes
- National Wetland Inventory
- Subwatershed Boundary
- Minor Subwatershed Boundary
- Minor Civil Division

3,400 1,700 0 3,400

Feet

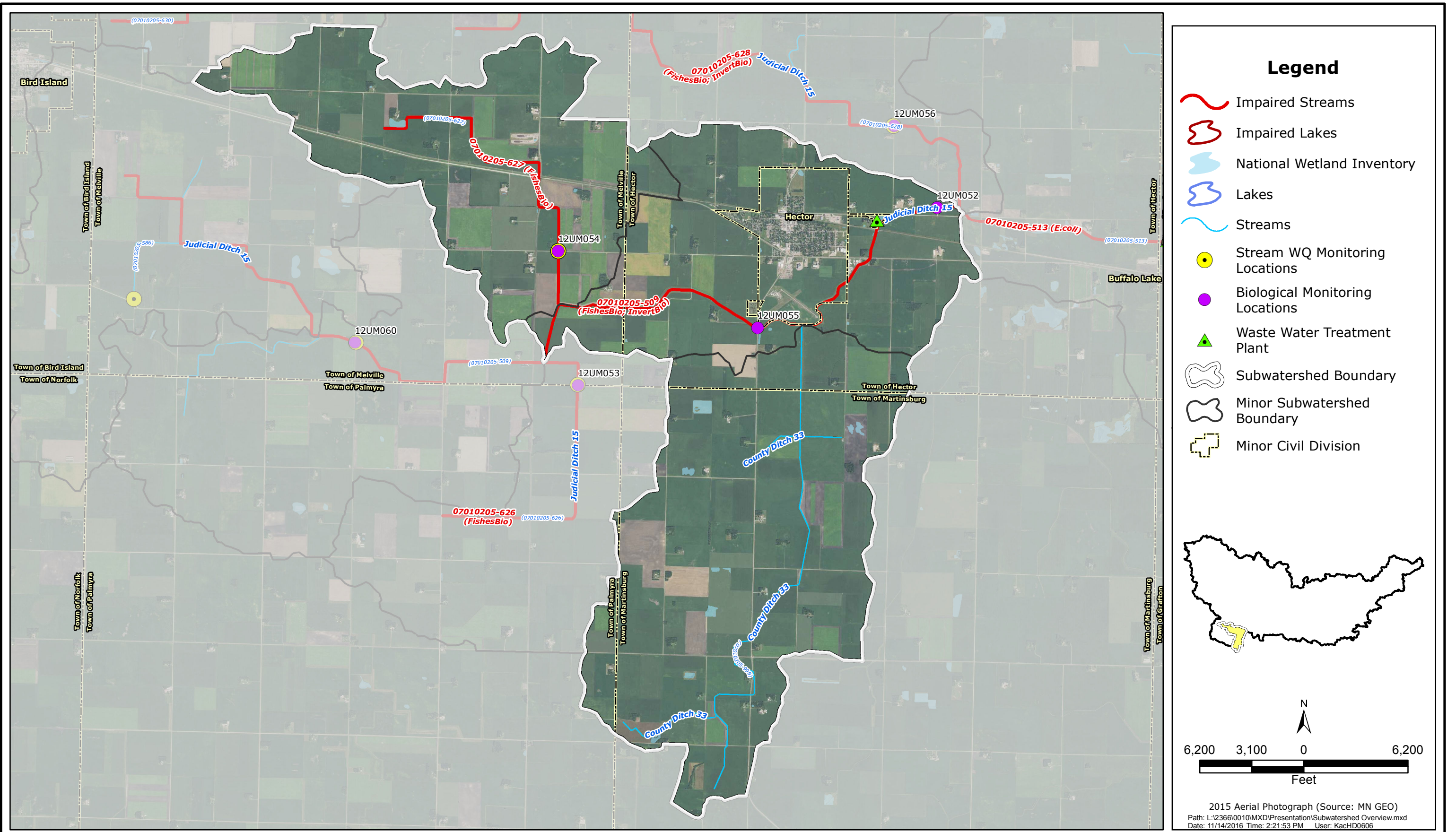
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SOUTH FORK CROW
McCuen Creek Benefited Areas

WENCK
ASSOCIATES

Responsive partner. Exceptional outcomes.

2016
MCC-8



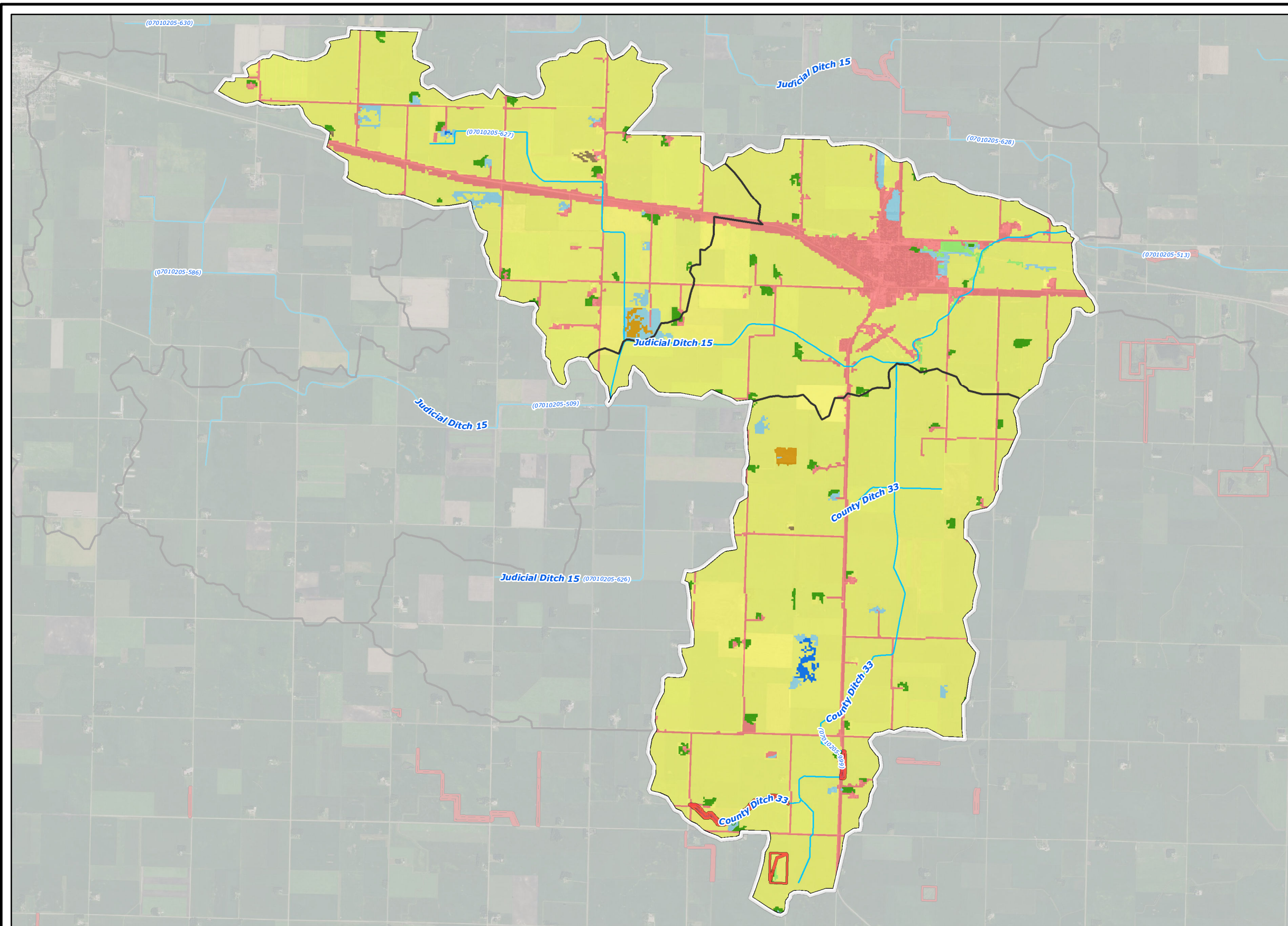
SOUTH FORK CROW

Middle Judicial Ditch No 15 Overview Map

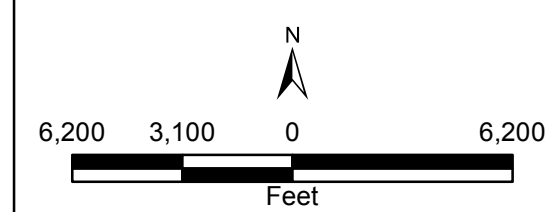
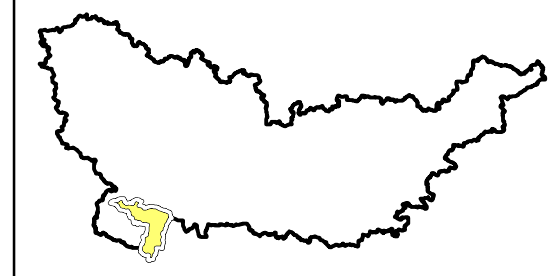


2016

MJD15-1



- ### Legend
- 2006 National Land Cover Dataset**
- Wetlands
 - Barren Land (Rock/Sand/Clay)
 - Developed Land
 - Cultivated Crops
 - Forest
 - Grassland/Herbaceous
 - Open Water
 - Pasture/Hay
 - Shrub/Scrub
 - Publicly Managed Lands
 - Conservation Easements
 - Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary



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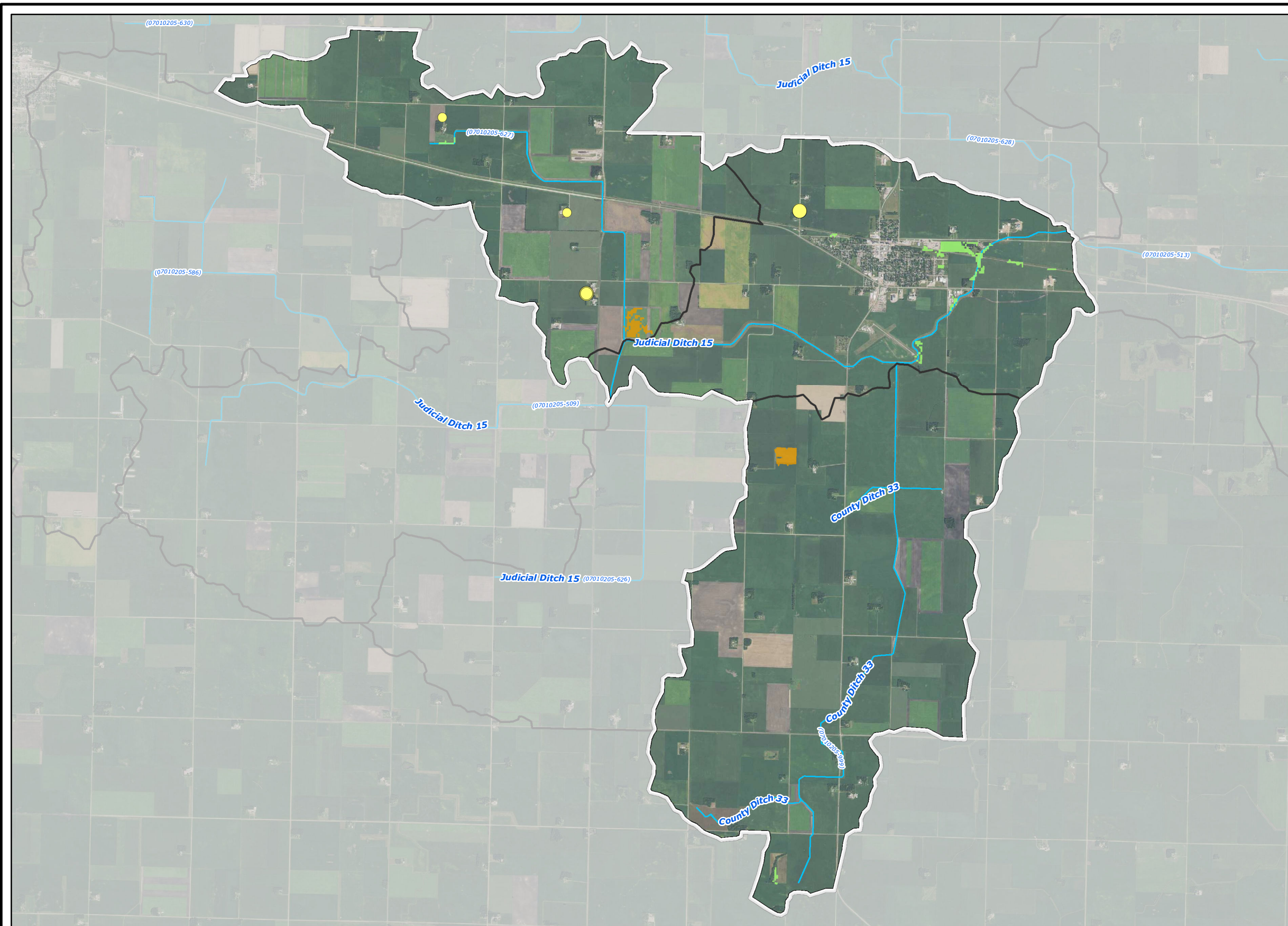
SOUTH FORK CROW

Middle Judicial Ditch No 15 Land Cover Map

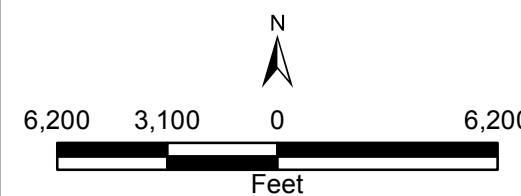
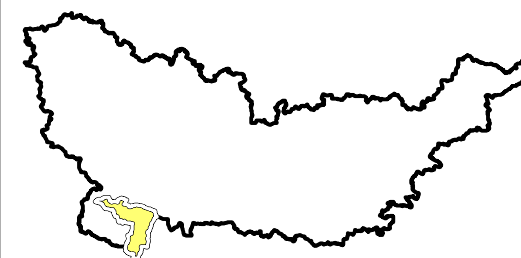


2016

MJD15-2



- ### Legend
- MPCA Feedlots - Animal Units (shoreland in red)**
- <50
 - 50 - 100
 - 100 - 250
 - 250 - 500
 - 500 - 1,000
 - >1,000
- 2006 National Land Cover Dataset**
- Grassland/Herbaceous
 - Pasture/Hay
 - Subwatershed Boundary
 - Minor Subwatershed Boundary
 - ~ Streams



2015 Aerial Photograph (Source: MN GEO)
 Path: L:\2366\0010\IMXD\Presentation\Feedlots.mxd
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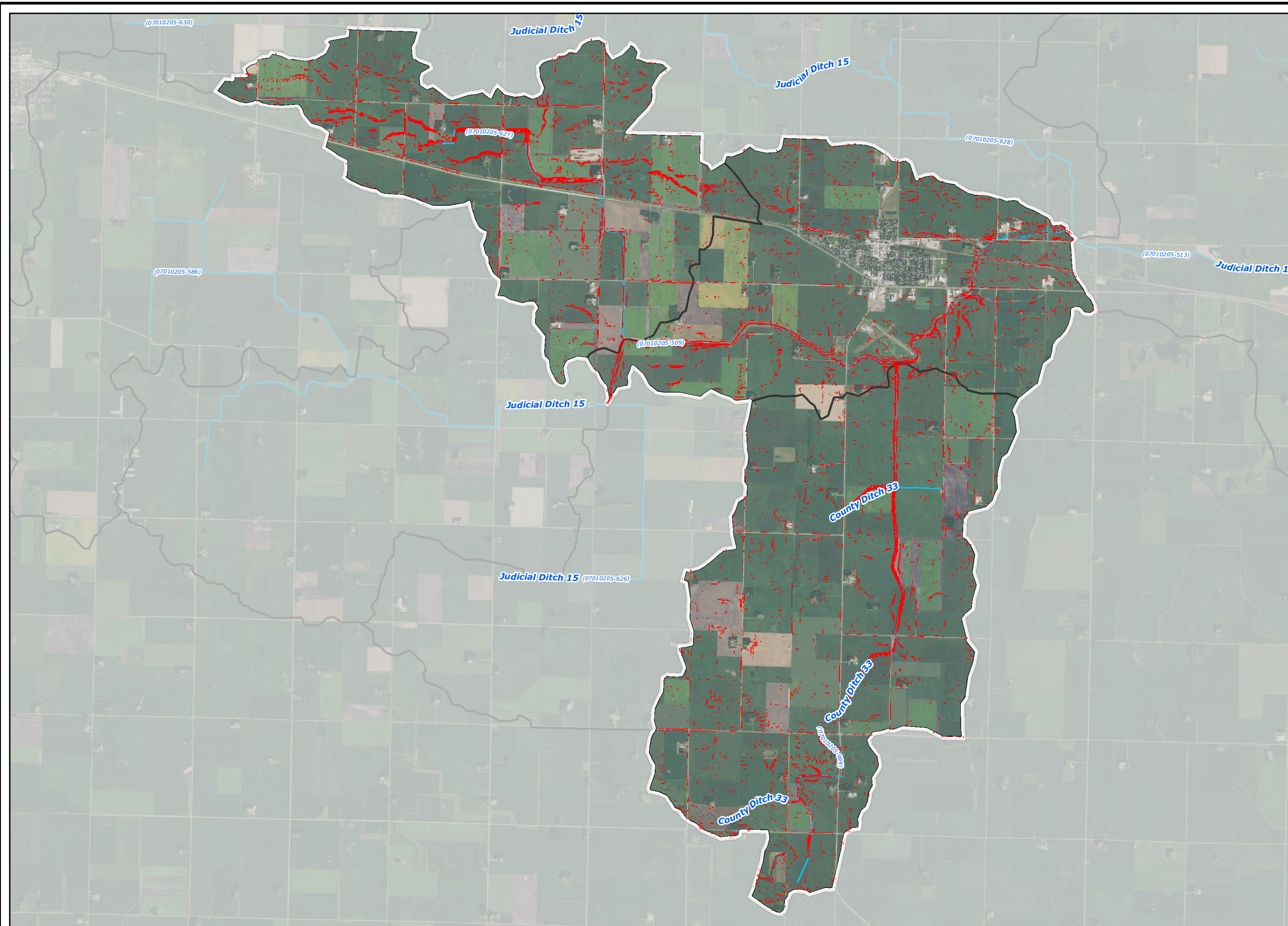
SOUTH FORK CROW

Middle Judicial Ditch No 15 Registered Feedlots

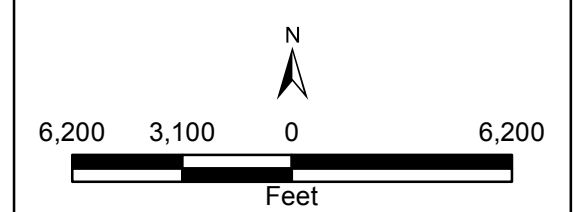


2016

MJD15-3



- ### Legend
- High Potential Soil Loss Areas (RUSLE)
 - ~ Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary



2015 Aerial Photograph (Source: MN GEO)
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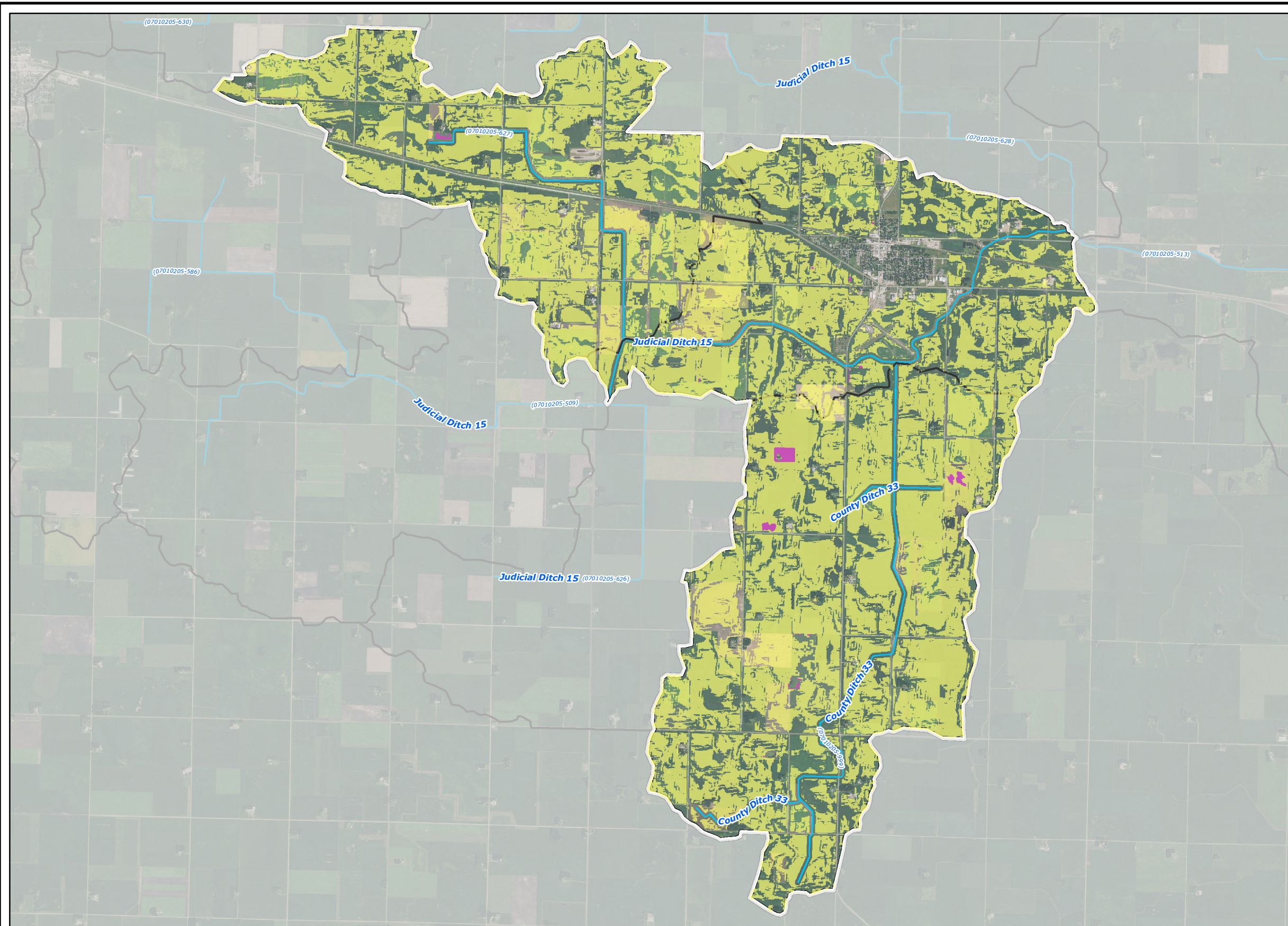
SOUTH FORK CROW

Middle Judicial Ditch No 15 High Potential Soil Loss Areas

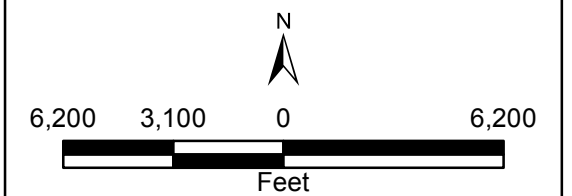
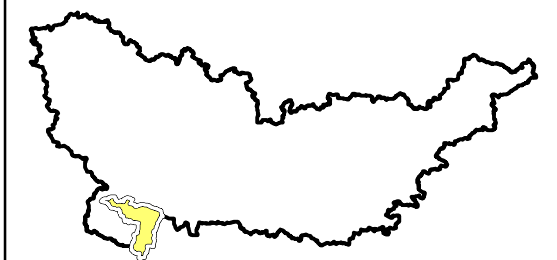


2016

MJD15-4



- ### Legend
- Potentially Drained/Tile Drained Areas**
- All Criteria Met
 - All Criteria Met (Within NWI)
 - Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary



2015 Aerial Photograph (Source: MN GEO)
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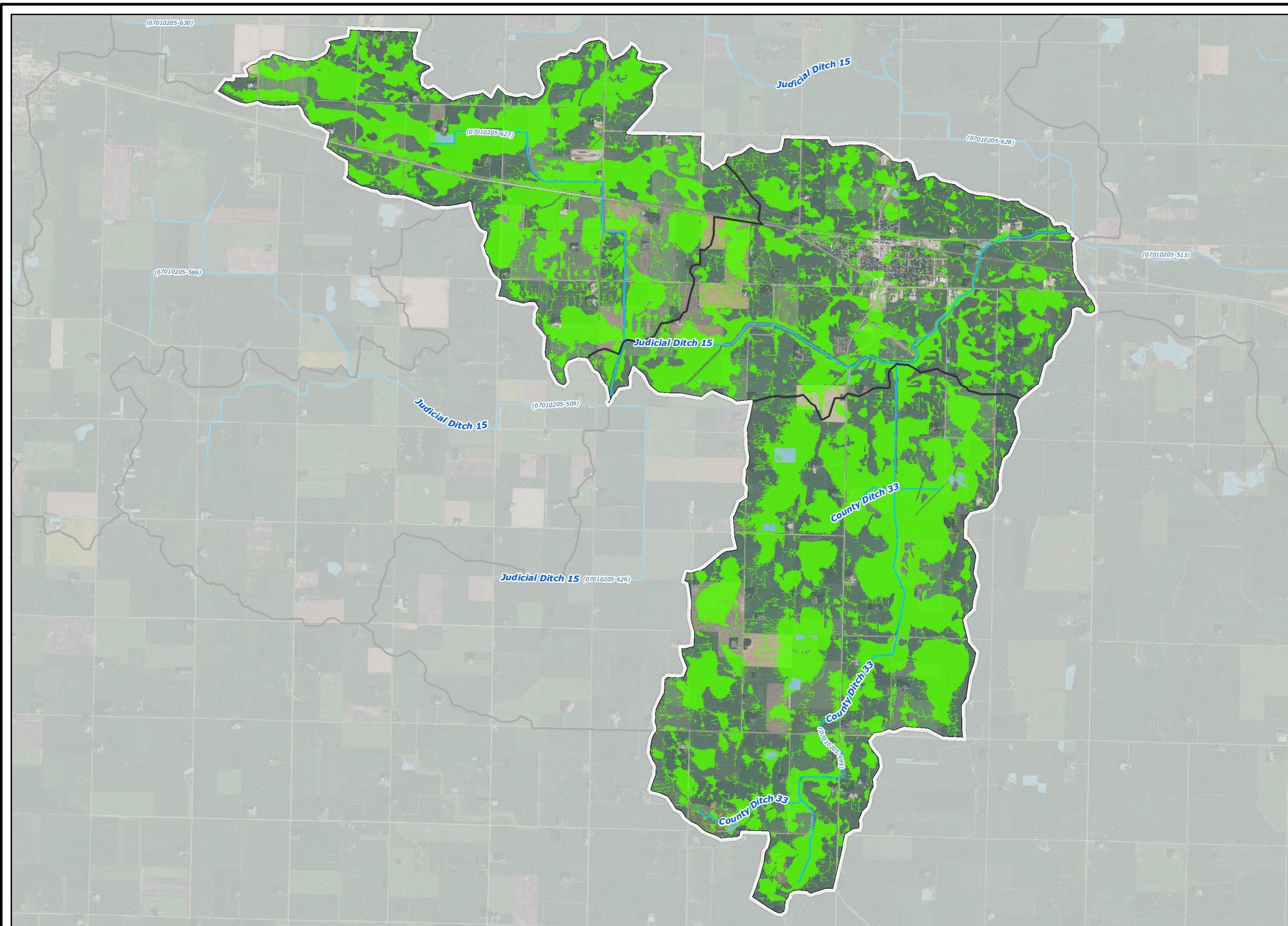
SOUTH FORK CROW






Middle Judicial Ditch No 15 Potentially Tile Drained Lands

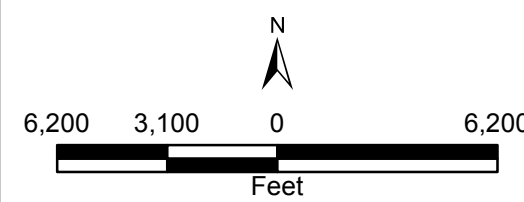
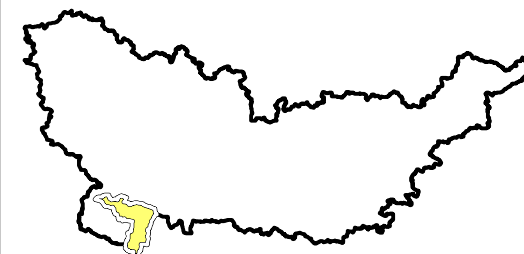


2016

MJD15-5



- ### Legend
-  Restorable Wetland Index Areas (RWI)
 -  National Wetland Inventory
 -  Streams
 -  Subwatershed Boundary
 -  Minor Subwatershed Boundary

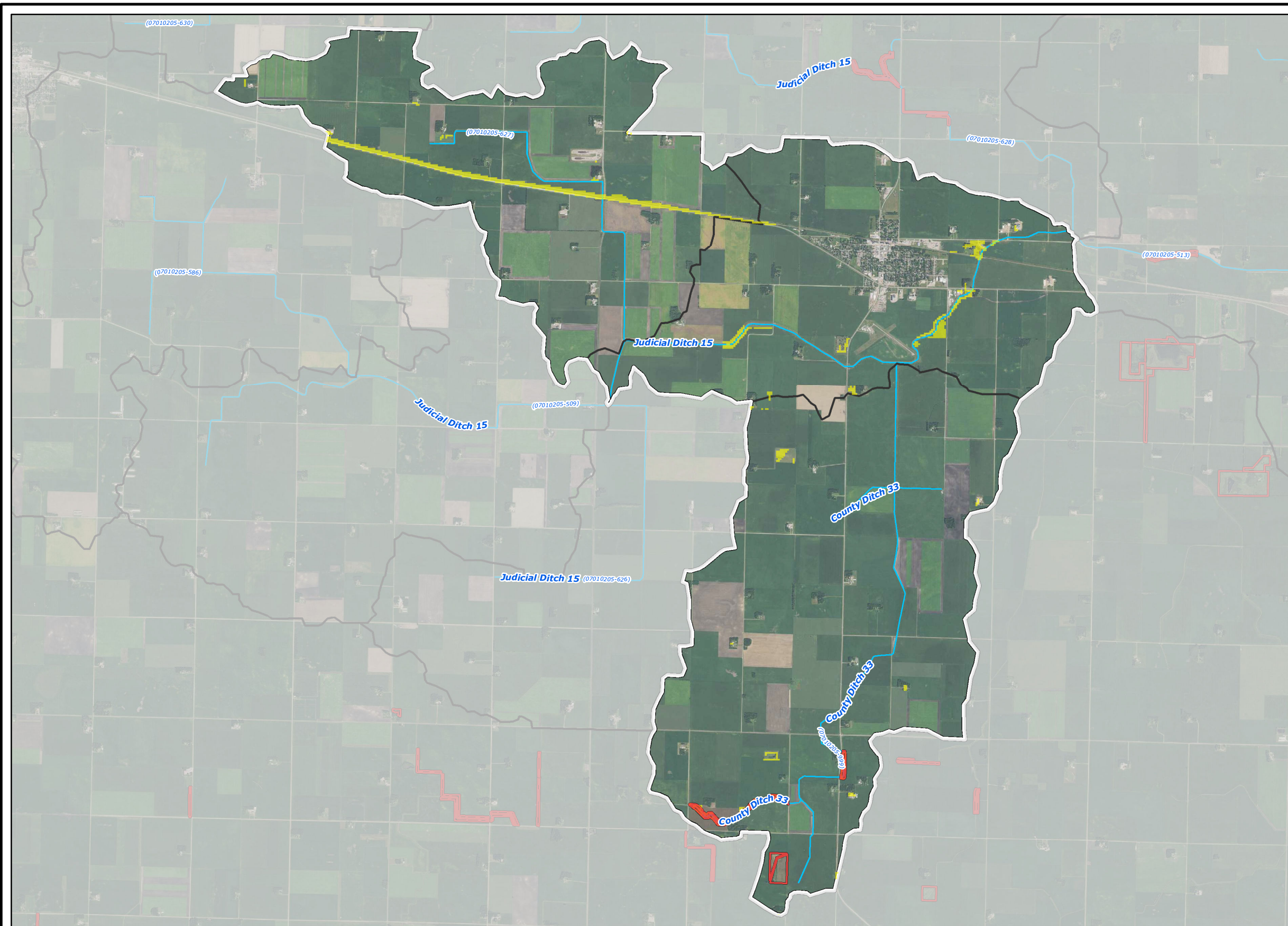


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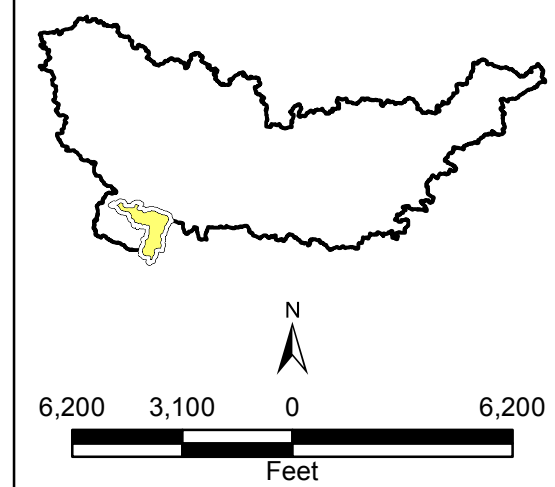
SOUTH FORK CROW
 Wakanda Lake Restorable Wetland Index Areas



2016
 MJD15-6



- ### Legend
- MBS Sites of Biodiversity Significance**
- Outstanding
 - High
- Lakes of Biological Significance**
- Outstanding
 - High
 - Moderate
 - Wildlife Habitat Quality (Upper 80th Percentile)
- Publicly Managed Lands
 - Conservation Easements
 - Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary



2015 Aerial Photograph (Source: MN GEO)
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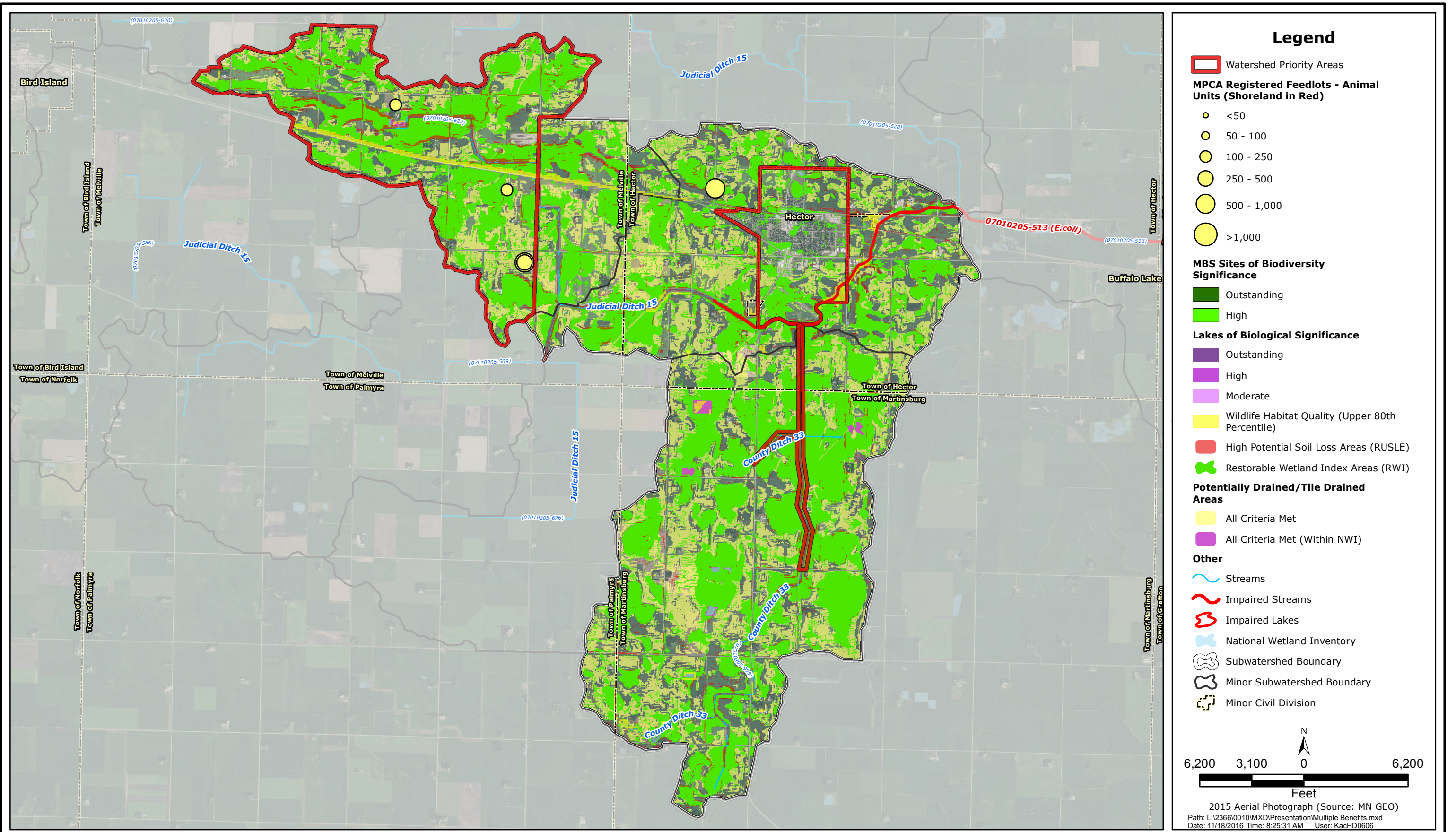
SOUTH FORK CROW

Middle Judicial Ditch No 15 Areas of Biological Significance Map



2016

MJD15-7



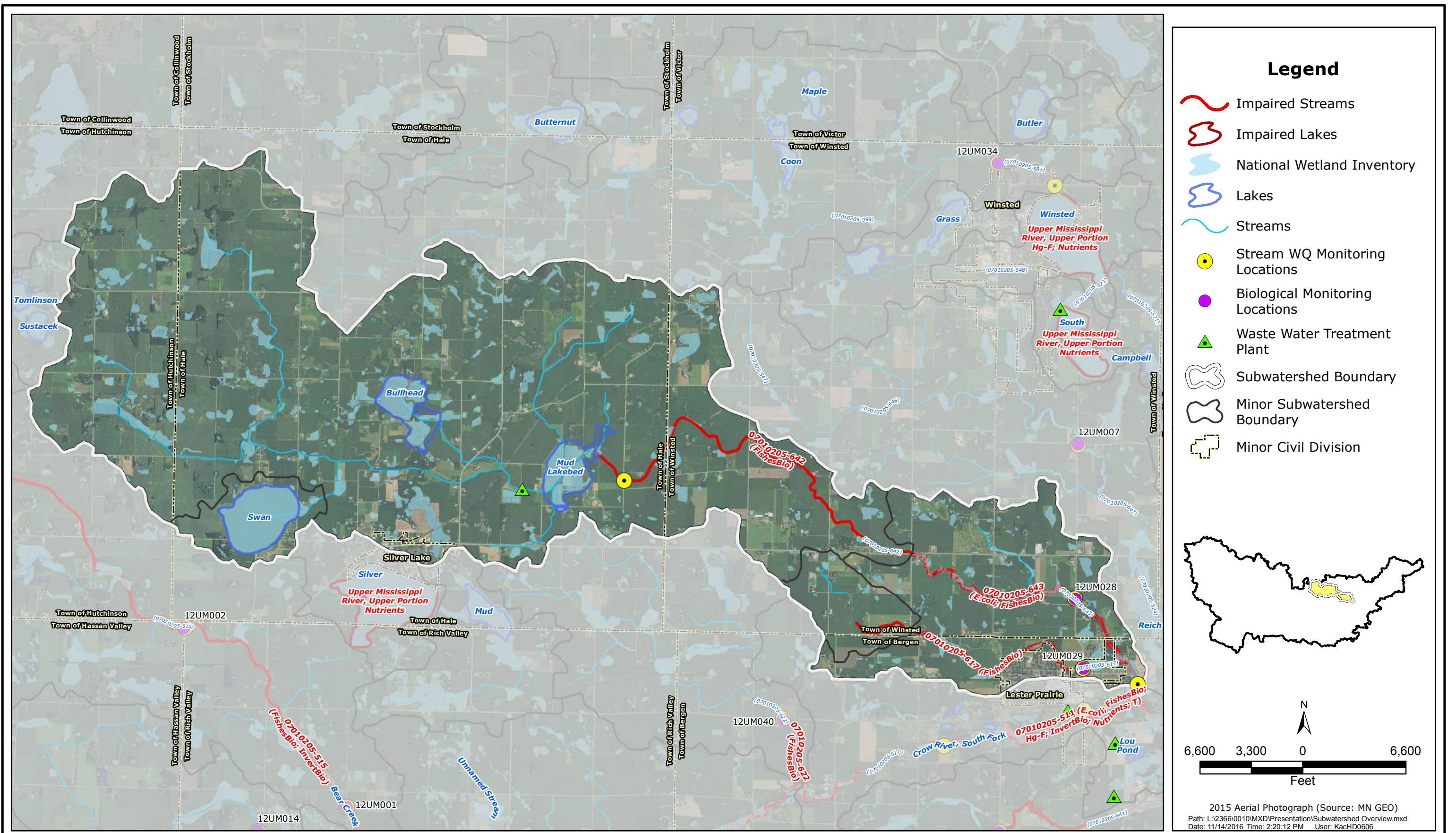
SOUTH FORK CROW

Middle Judicial Ditch No 15 Benefited Areas



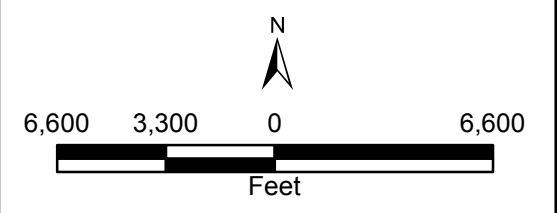
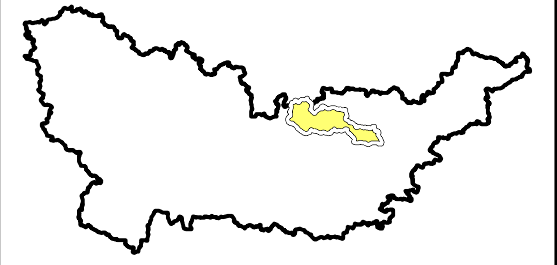
2016

MJD15-8



Legend

- Impaired Streams
- Impaired Lakes
- National Wetland Inventory
- Lakes
- Streams
- Stream WQ Monitoring Locations
- Biological Monitoring Locations
- Waste Water Treatment Plant
- Subwatershed Boundary
- Minor Subwatershed Boundary
- Minor Civil Division

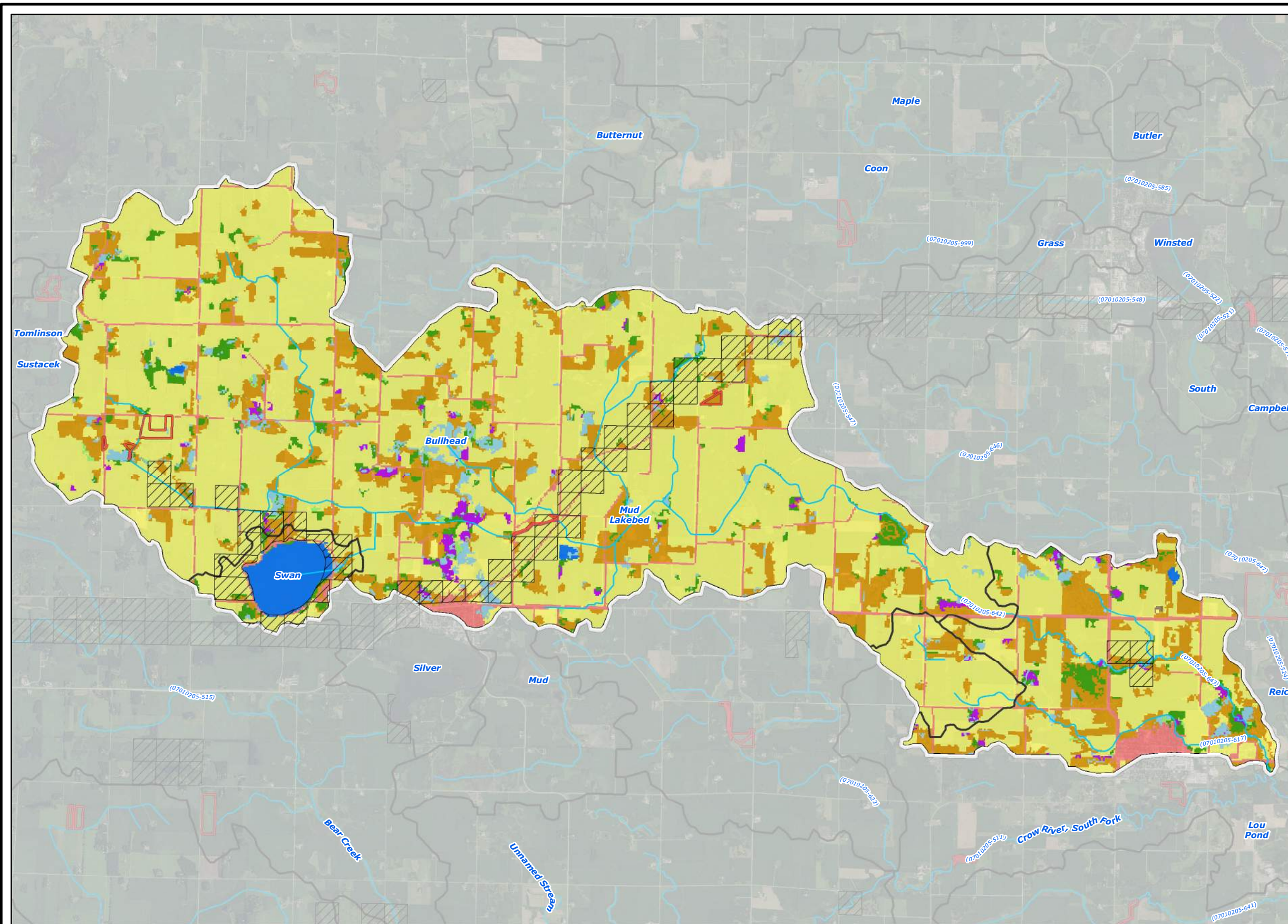


2015 Aerial Photograph (Source: MN GEO)
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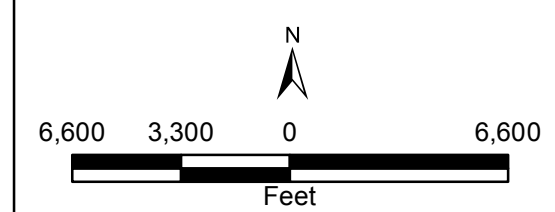
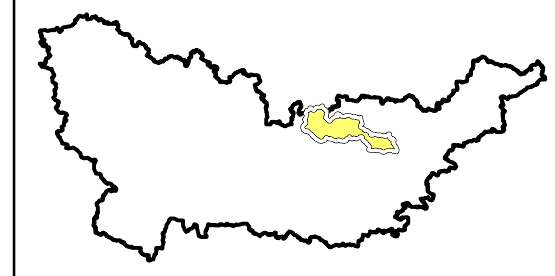
SOUTH FORK CROW
 Otter Creek Overview Map

Responsive partner. Exceptional outcomes.

2016
 OC-1



- ### Legend
- 2006 National Land Cover Dataset**
- Wetlands
 - Barren Land (Rock/Sand/Clay)
 - Developed Land
 - Cultivated Crops
 - Forest
 - Grassland/Herbaceous
 - Open Water
 - Pasture/Hay
 - Shrub/Scrub
 - Publicly Managed Lands
 - Conservation Easements
 - Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary

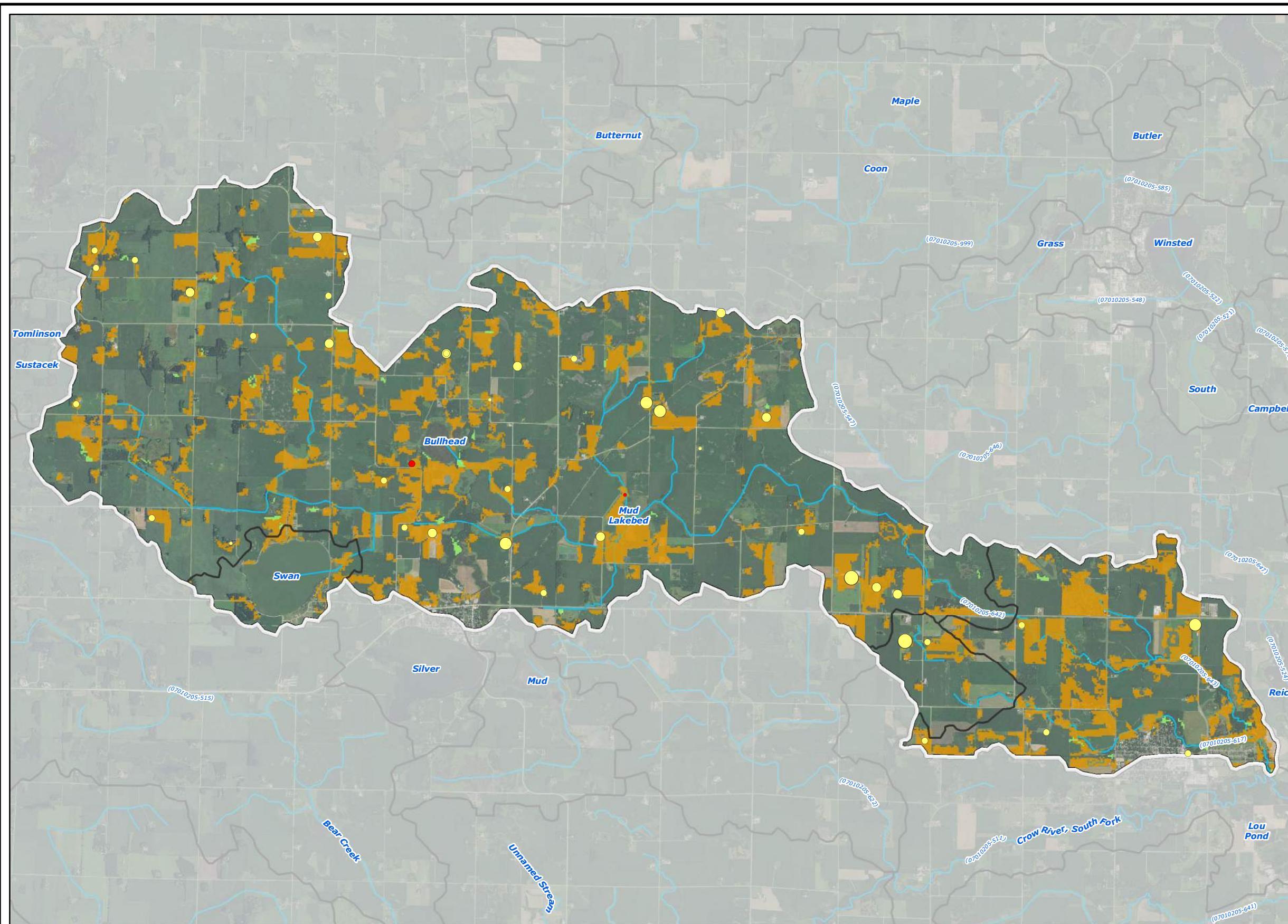


2015 Aerial Photograph (Source: MN GEO)
 Path: L:\2366\0010\MXD\Presentation\Landcover.mxd
 Date: 11/18/2016 Time: 8:46:10 AM User: KacHD0606

SOUTH FORK CROW
 Otter Creek Land Cover Map



2016
 OC-2



Legend

MPCA Feedlots - Animal Units (shoreland in red)

- <50
- 50 - 100
- 100 - 250
- 250 - 500
- 500 - 1,000
- >1,000

2006 National Land Cover Dataset

- Grassland/Herbaceous
- Pasture/Hay
- Subwatershed Boundary
- Minor Subwatershed Boundary
- Streams

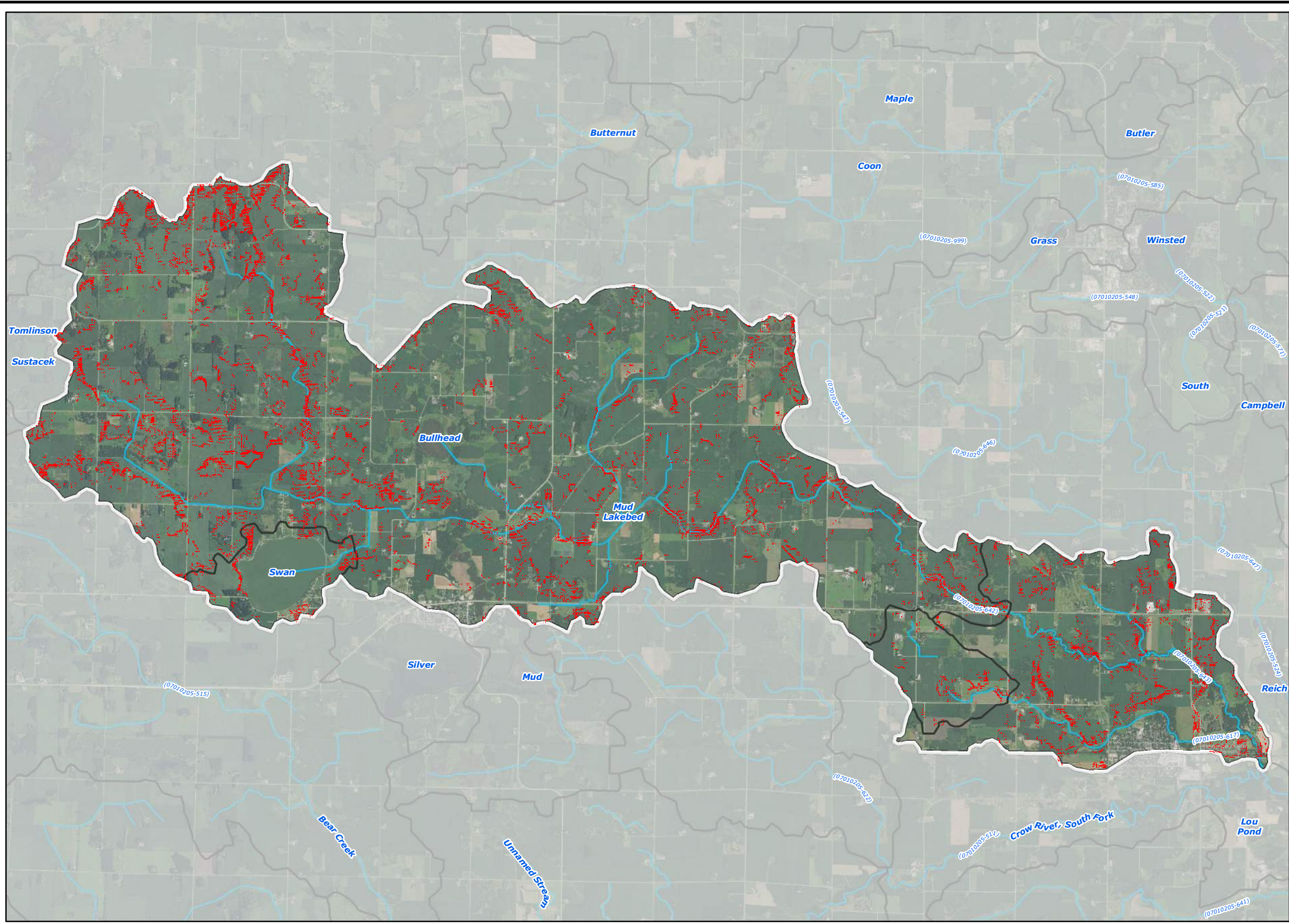
6,600 3,300 0 6,600
Feet

2015 Aerial Photograph (Source: MN GEO)
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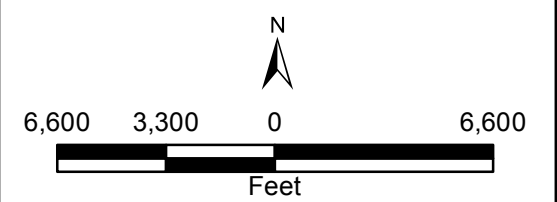
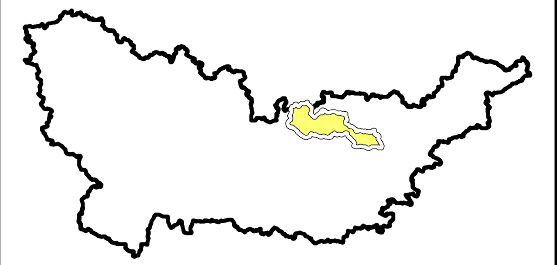
SOUTH FORK CROW
 Otter Creek Registered Feedlots

Responsive partner. Exceptional outcomes.

2016
 OC-3



- ### Legend
- High Potential Soil Loss Areas (RUSLE)
 - Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary

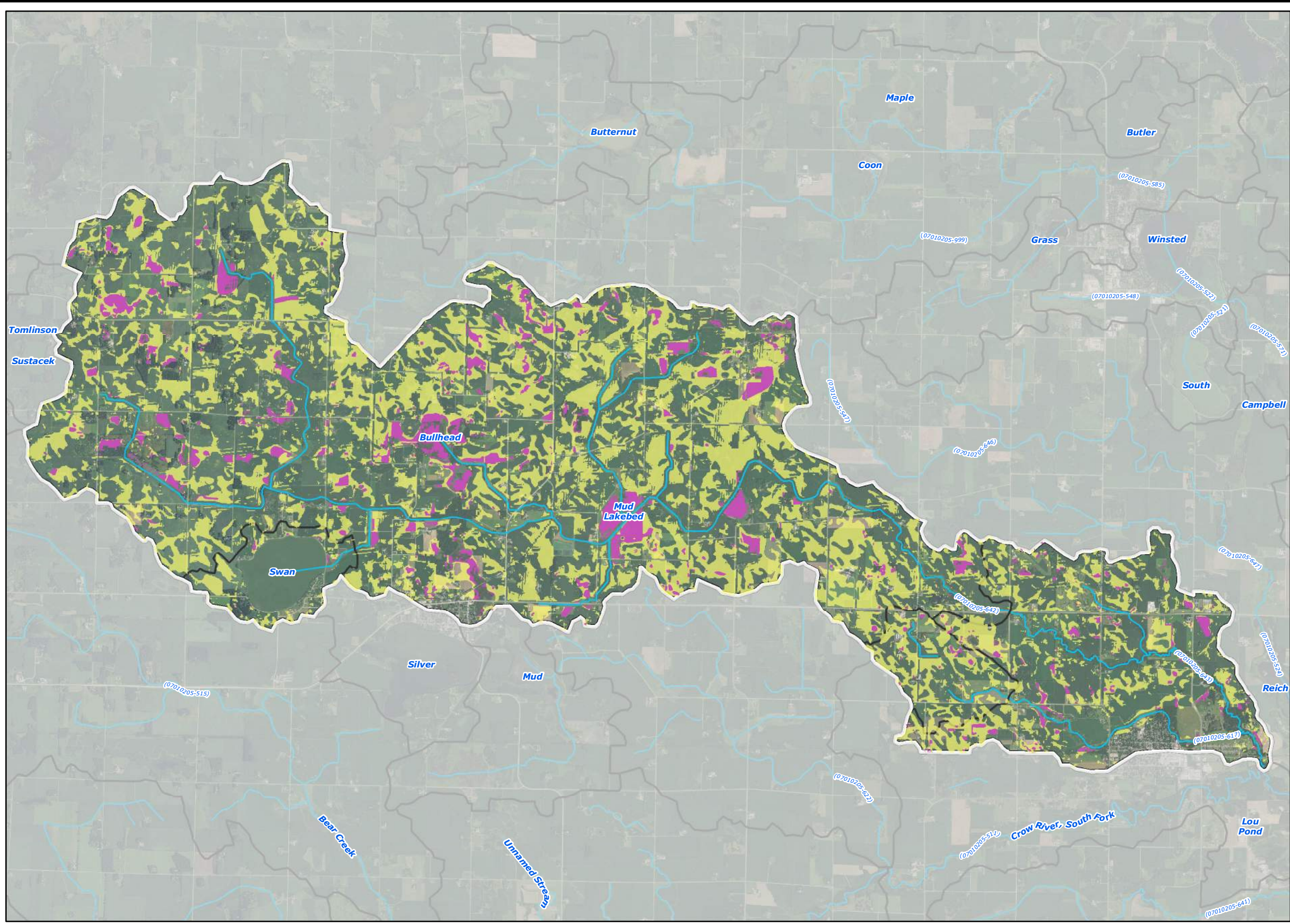


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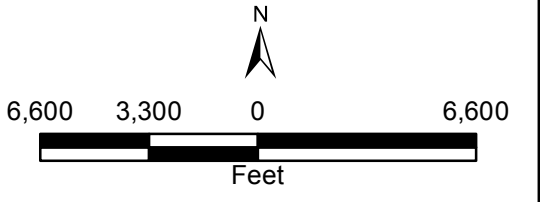
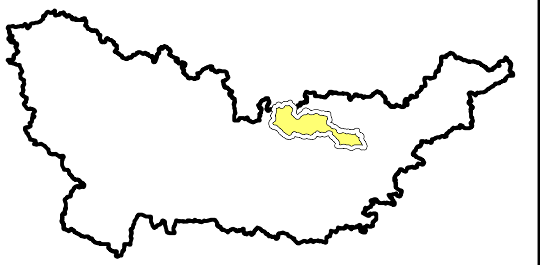
SOUTH FORK CROW
 Otter Creek High Potential Soil Loss Areas



2016
 OC-4



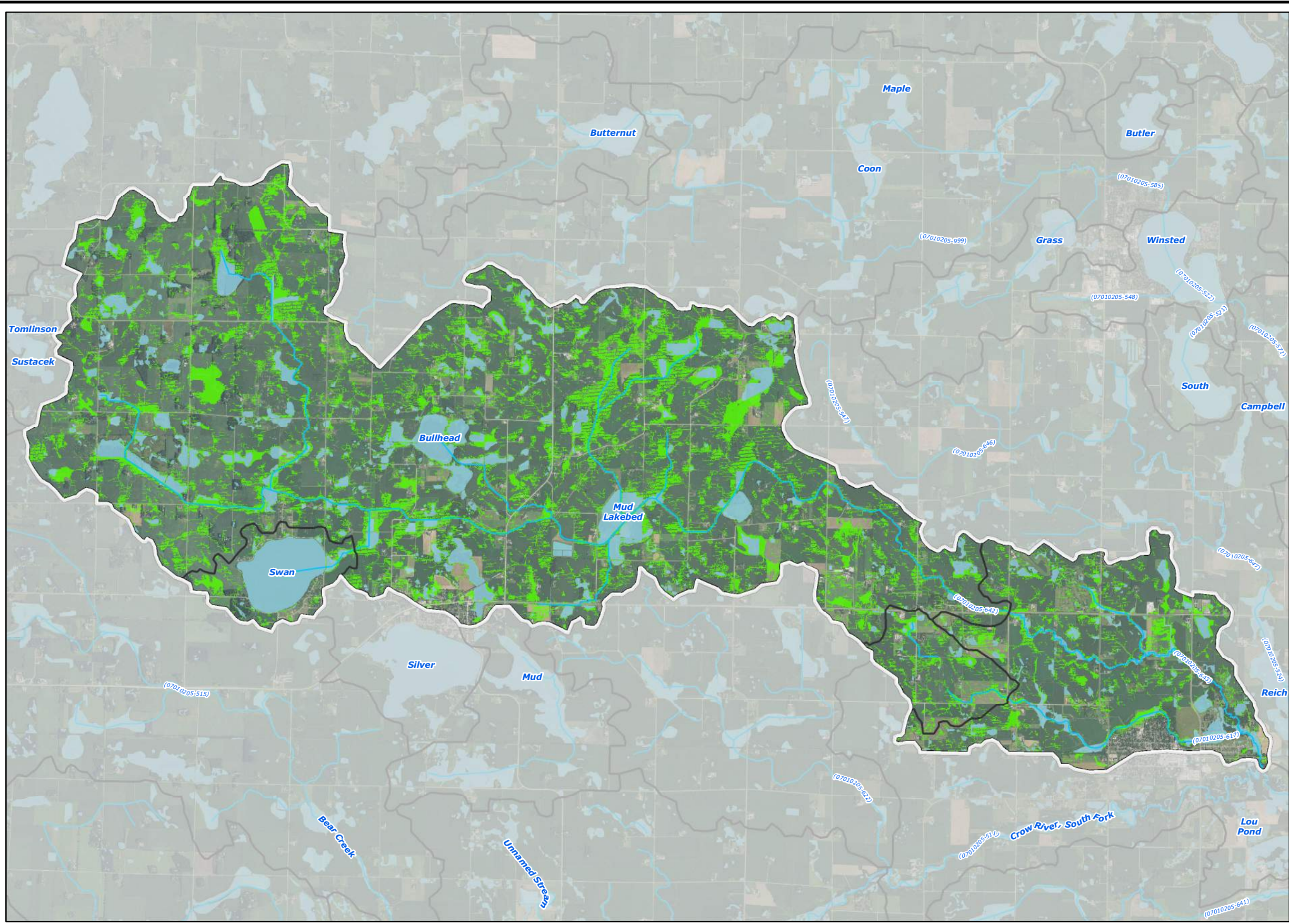
- ### Legend
- Potentially Drained/Tile Drained Areas**
- All Criteria Met
 - All Criteria Met (Within NWI)
 - Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary








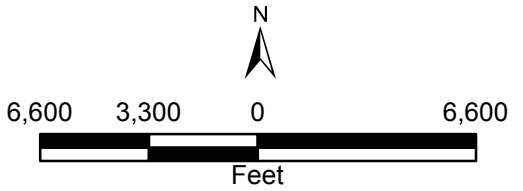
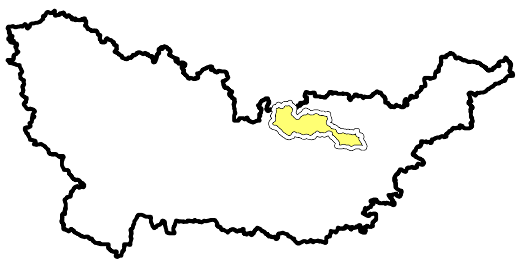
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SOUTH FORK CROW
 Otter Creek Potentially Tile Drained Lands

2016
 OC-5



- ### Legend
-  Restorable Wetland Index Areas (RWI)
 -  National Wetland Inventory
 -  Streams
 -  Subwatershed Boundary
 -  Minor Subwatershed Boundary

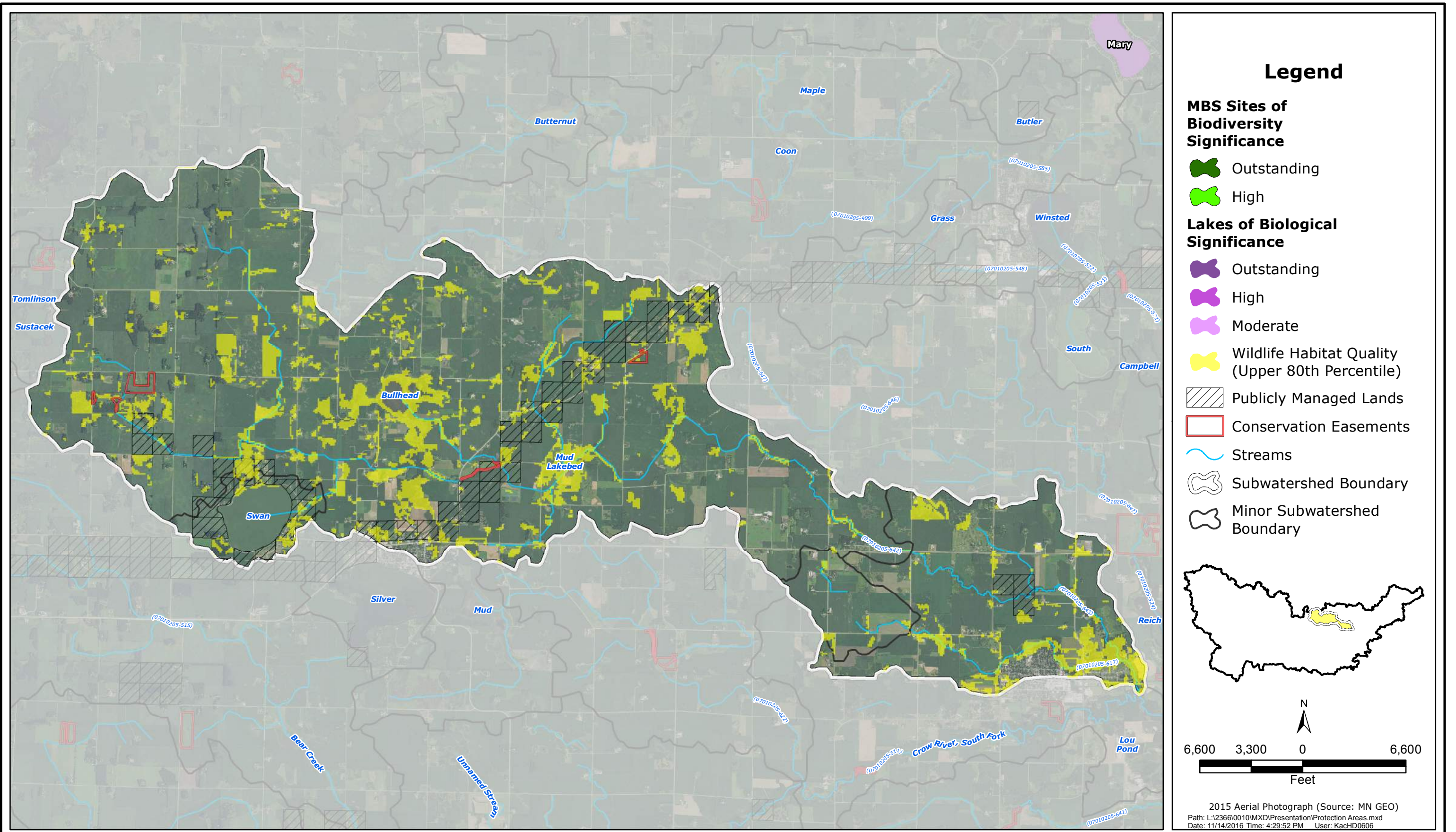


2015 Aerial Photograph (Source: MN GEO)
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SOUTH FORK CROW
 Wakanda Lake Restorable Wetland Index Areas



2016
 OC-6



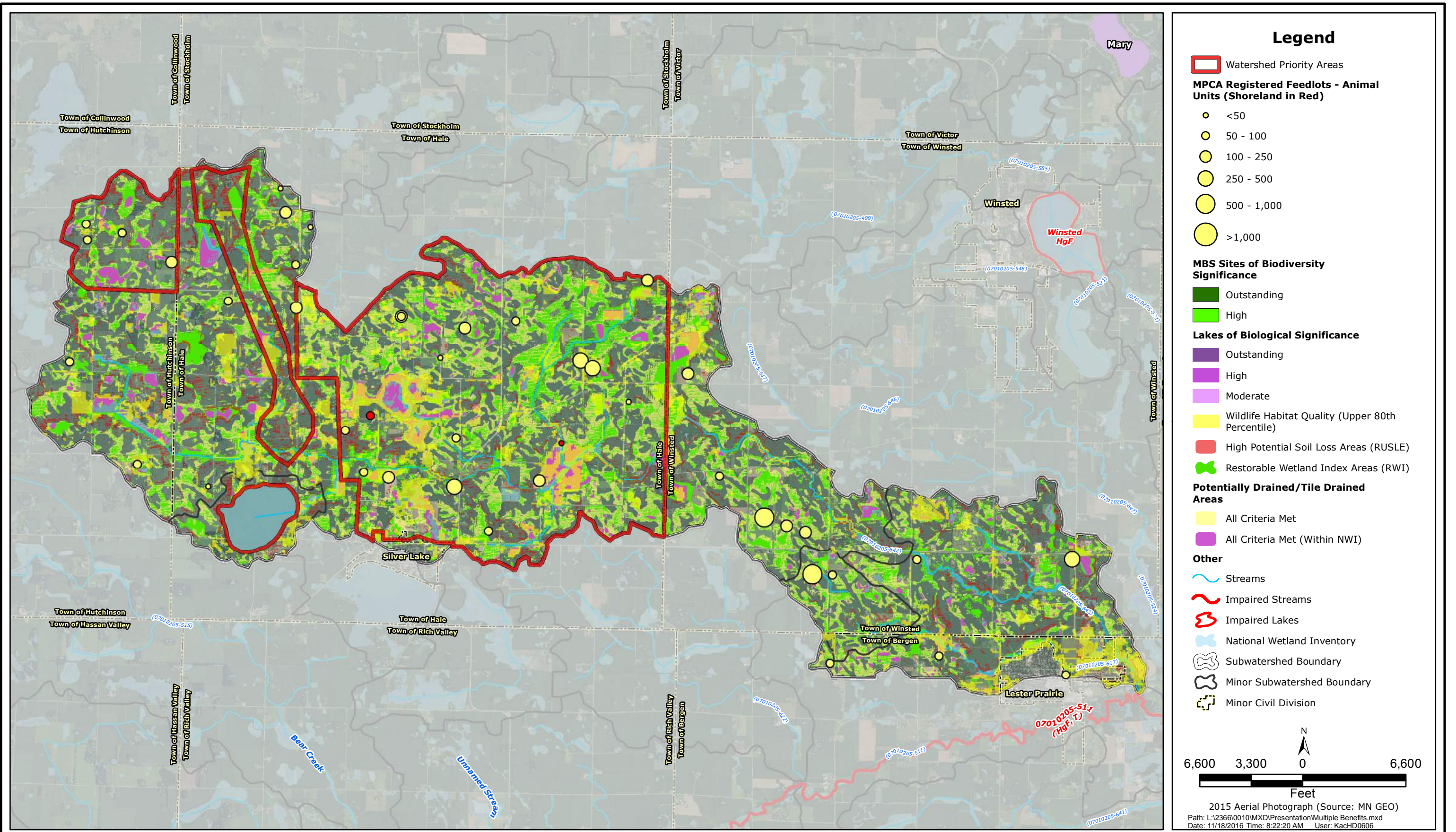
SOUTH FORK CROW

Otter Creek Areas of Biological Significance Map



2016

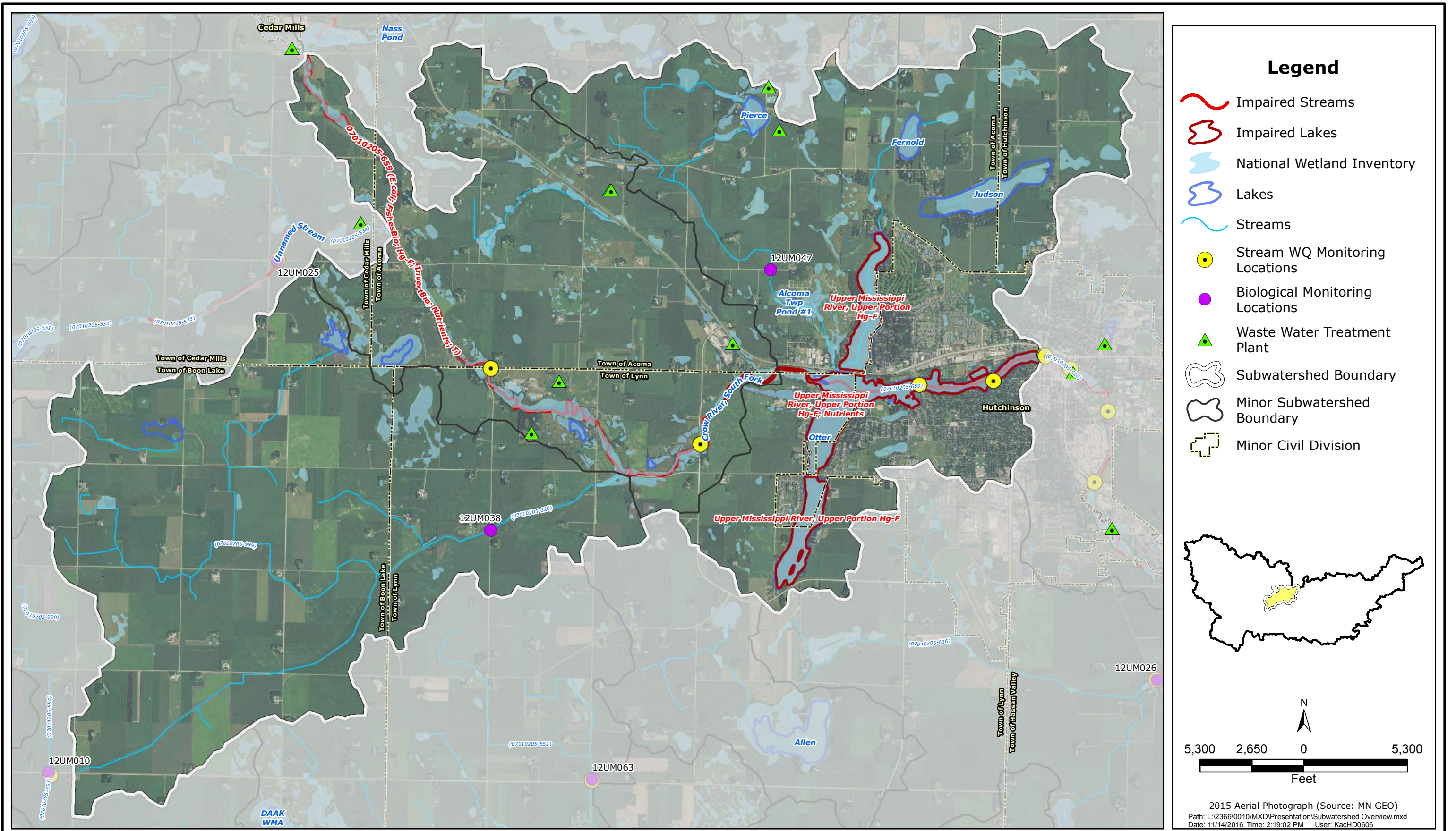
OC-7



SOUTH FORK CROW
 Otter Creek Benefited Areas



2016
 OC-8



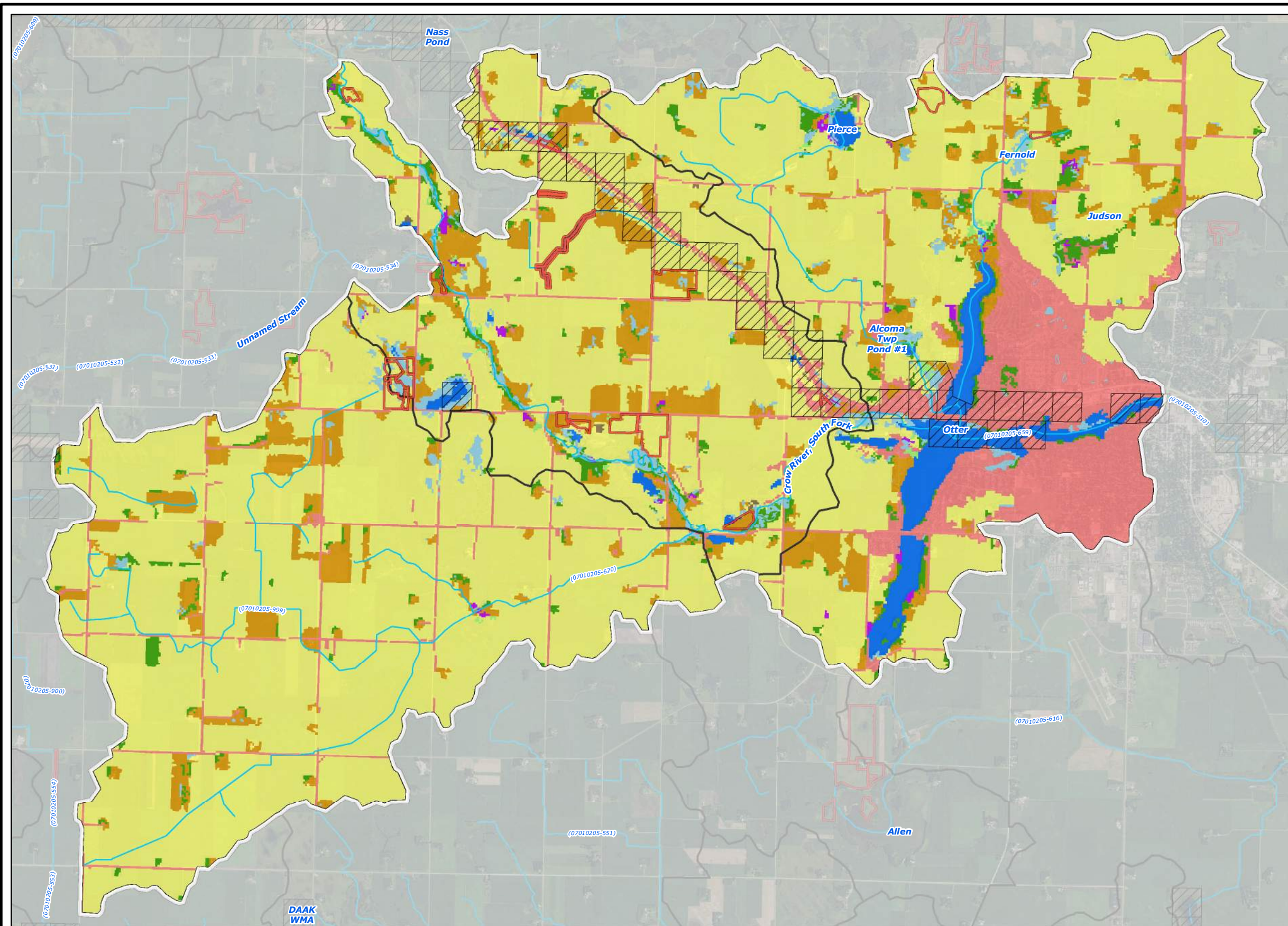
SOUTH FORK CROW

Otter Lake-South Fork Crow River Overview Map

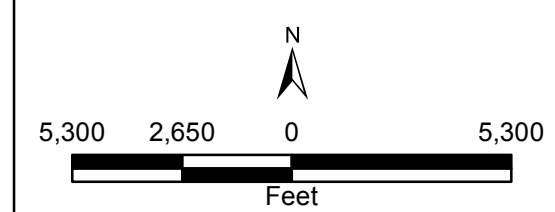
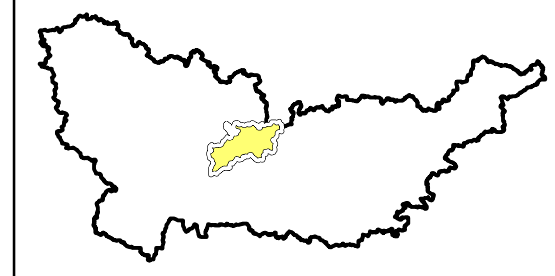


2016

OL-SFCR-1



- ### Legend
- 2006 National Land Cover Dataset**
- Wetlands
 - Barren Land (Rock/Sand/Clay)
 - Developed Land
 - Cultivated Crops
 - Forest
 - Grassland/Herbaceous
 - Open Water
 - Pasture/Hay
 - Shrub/Scrub
 - Publicly Managed Lands
 - Conservation Easements
 - ~ Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary



2015 Aerial Photograph (Source: MN GEO)
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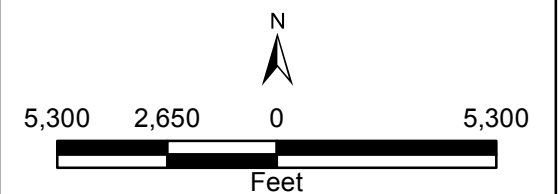
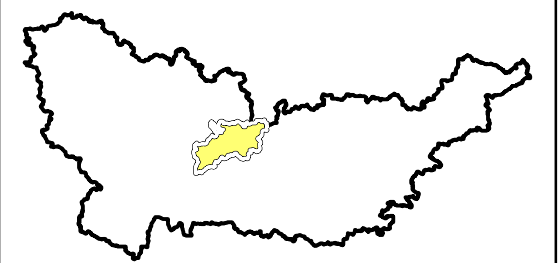
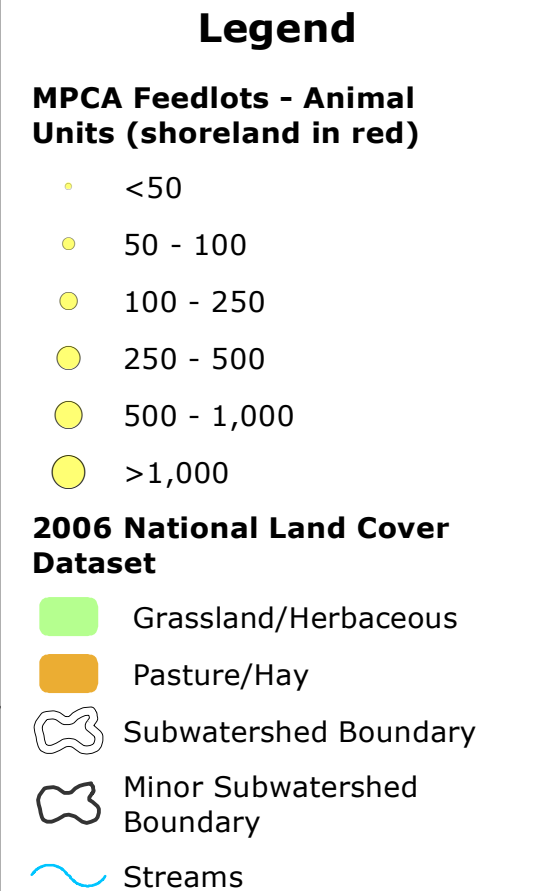
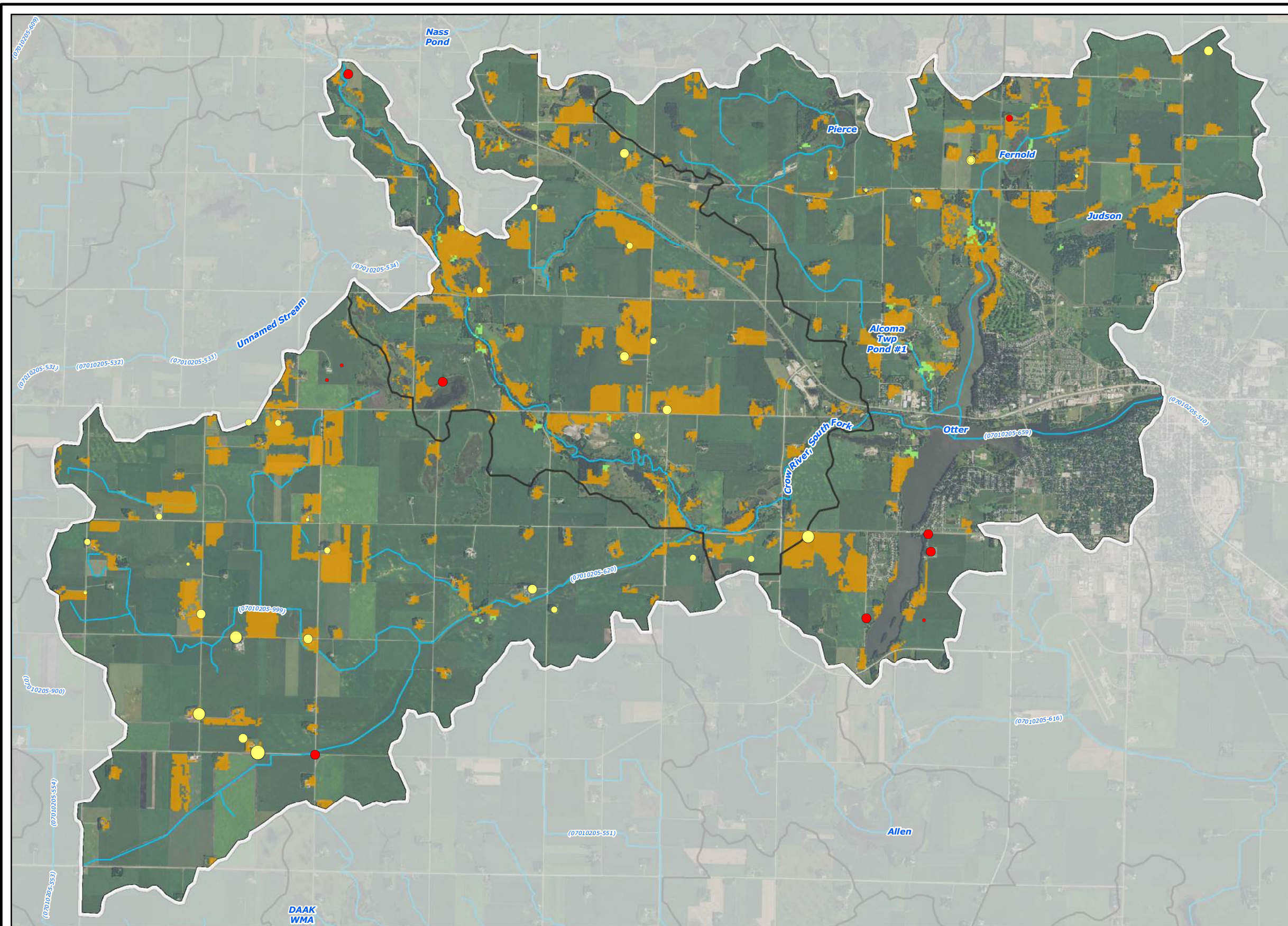
SOUTH FORK CROW

Otter Lake-South Fork Crow River Land Cover Map



2016

OL-SFCR-2



2015 Aerial Photograph (Source: MN GEO)
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 Date: 11/18/2016 Time: 8:15:05 AM User: KacHD0606

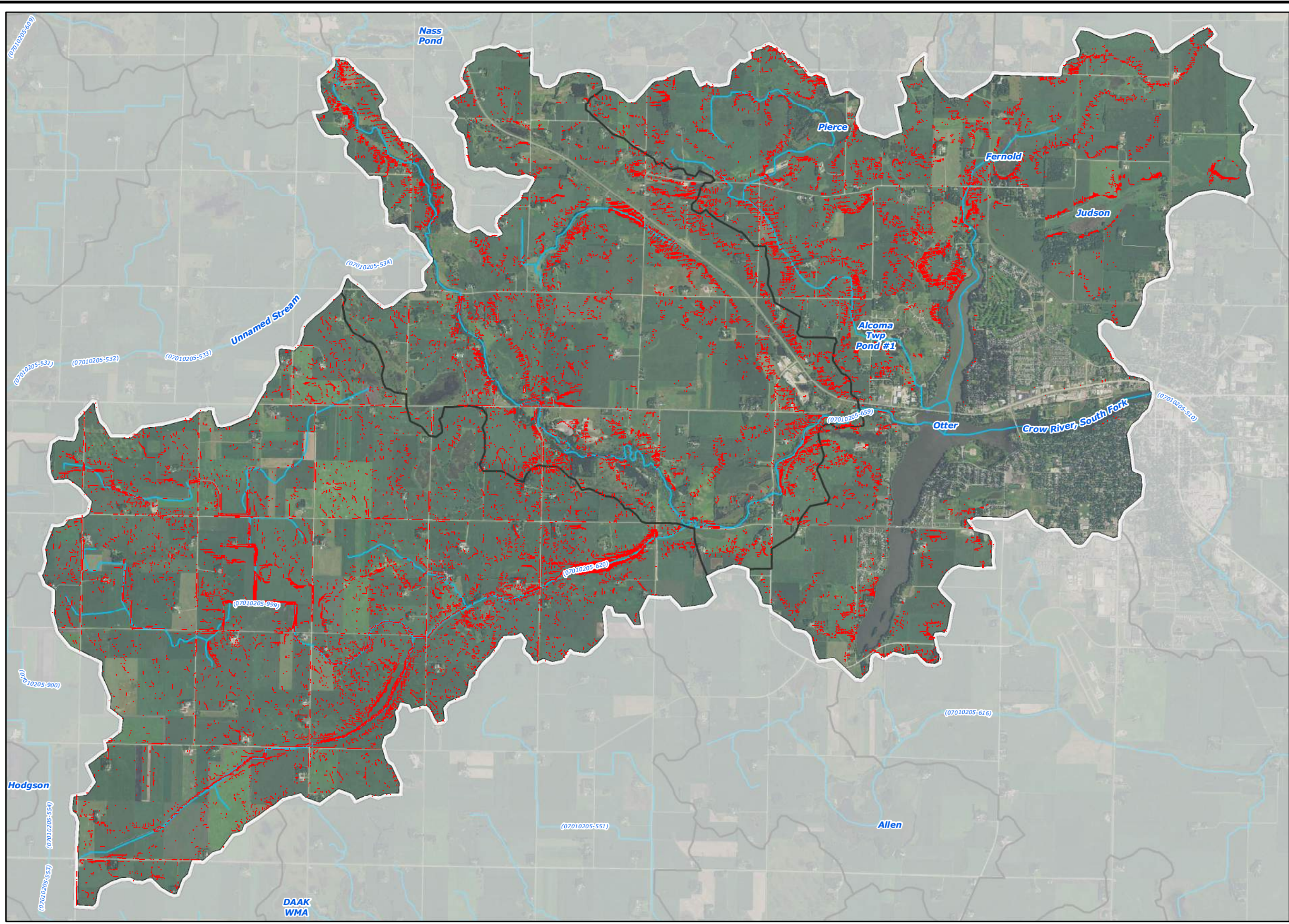
SOUTH FORK CROW

Otter Lake-South Fork Crow River Registered Feedlots

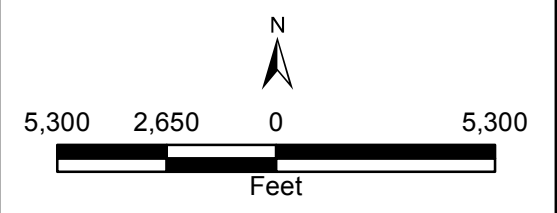
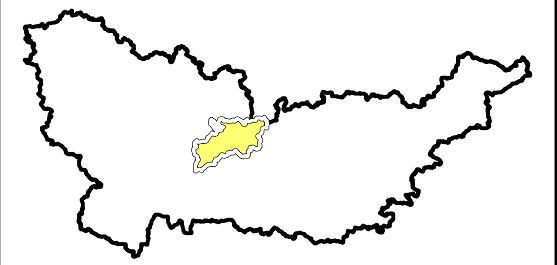


2016

OL-SFCR-3



- ### Legend
- High Potential Soil Loss Areas (RUSLE)
 - ~ Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary



2015 Aerial Photograph (Source: MN GEO)
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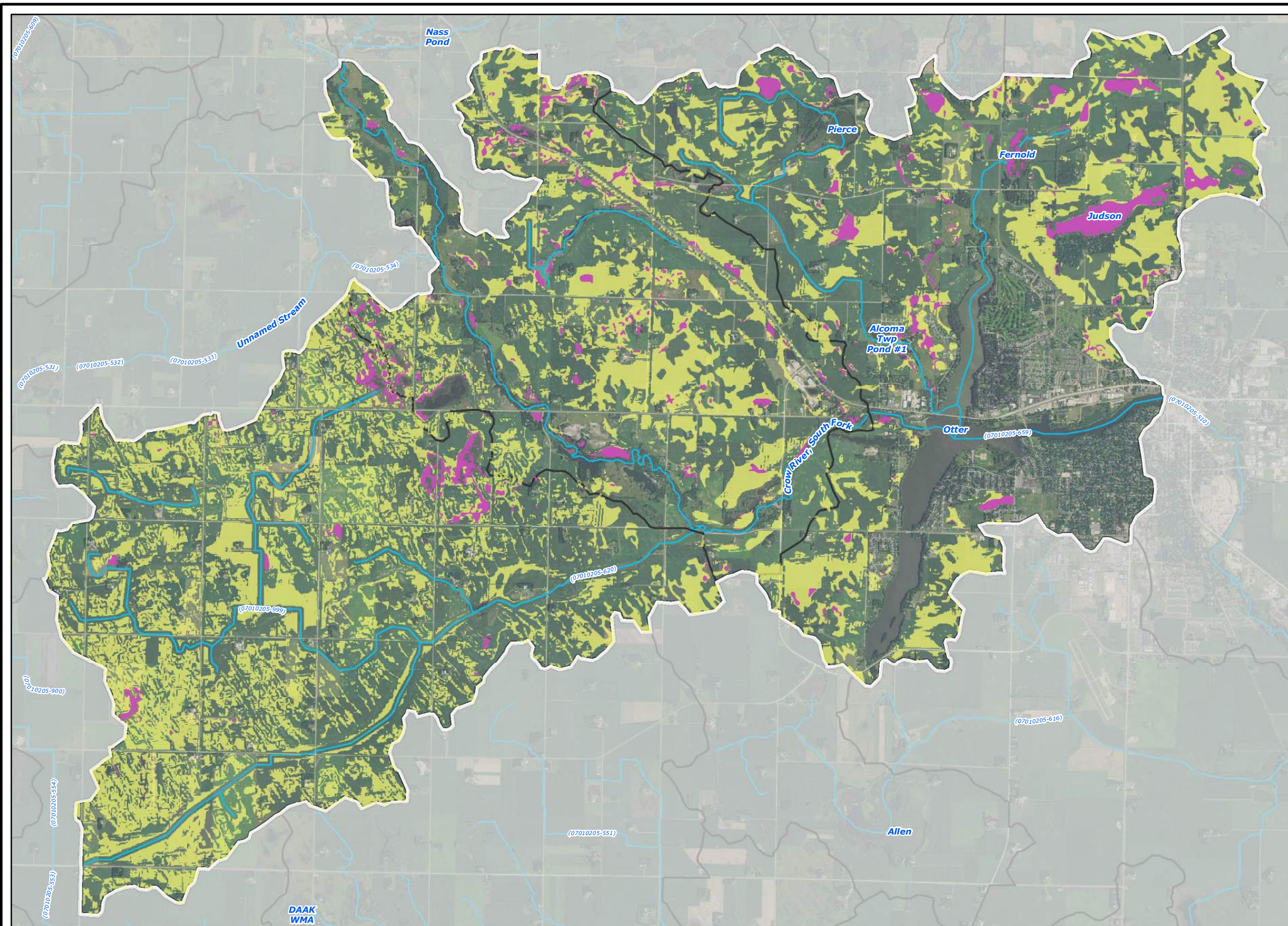
SOUTH FORK CROW

Otter Lake-South Fork Crow River High Potential Soil Loss Areas

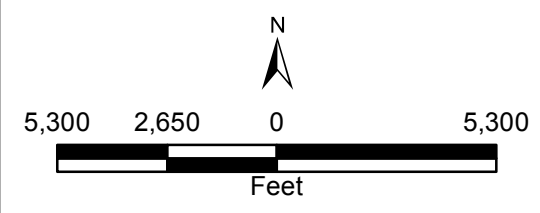
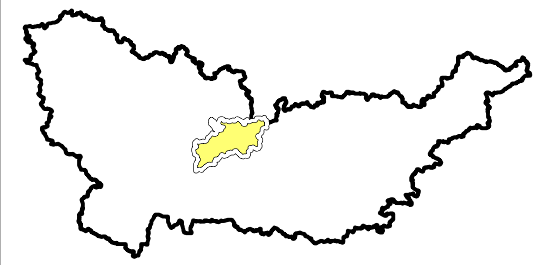


2016

OL-SFCR-4



- ### Legend
- Potentially Drained/Tile Drained Areas**
- All Criteria Met
 - All Criteria Met (Within NWI)
 - Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary



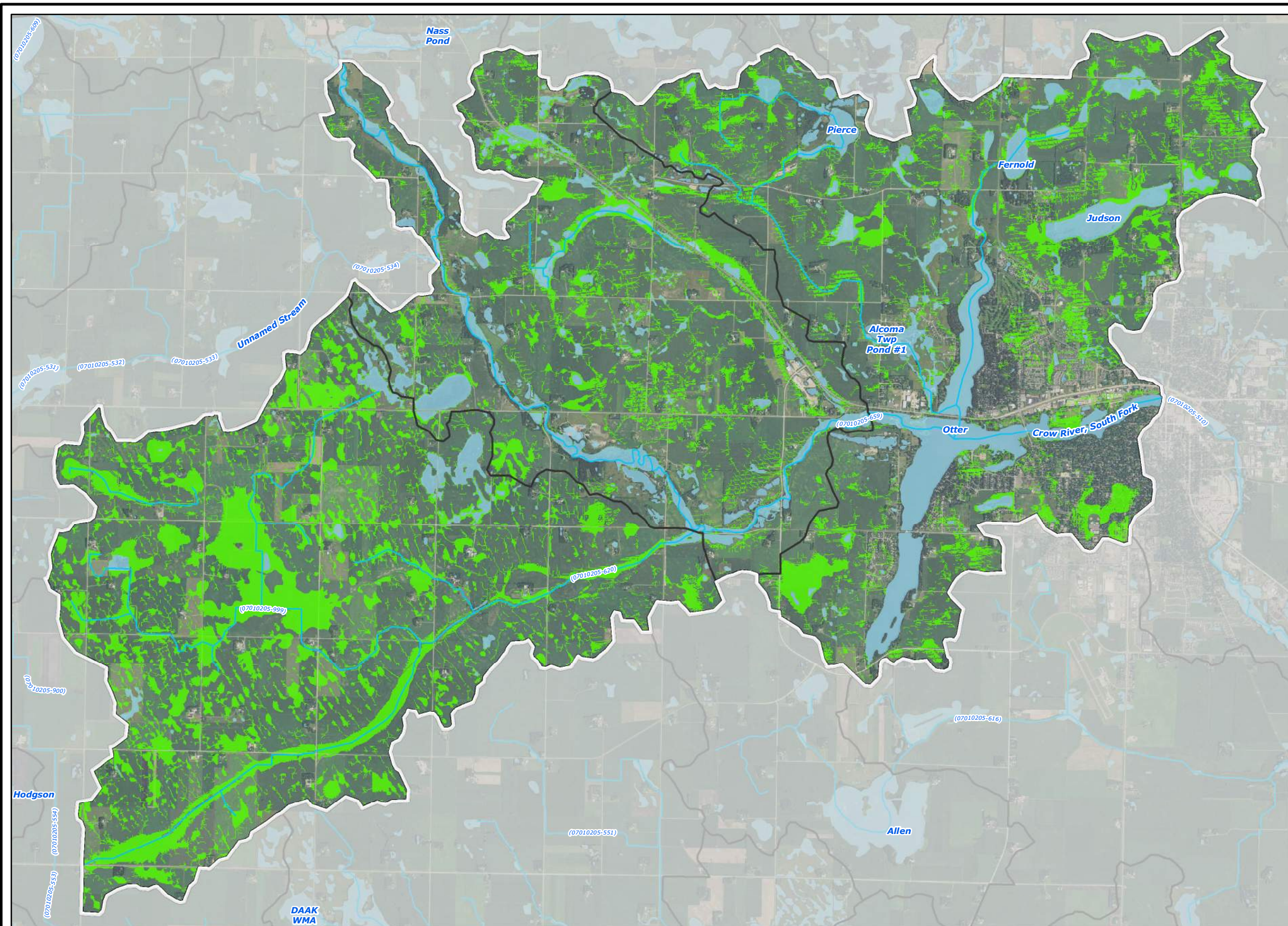
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SOUTH FORK CROW

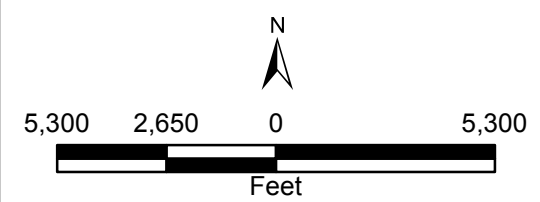
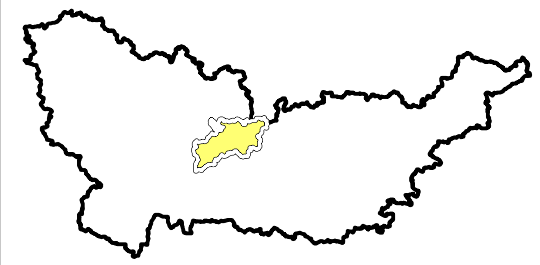
Otter Lake-South Fork Crow River Potentially Tile Drained Lands



2016
 OL-SFCR-5



- ### Legend
-  Restorable Wetland Index Areas (RWI)
 -  National Wetland Inventory
 -  Streams
 -  Subwatershed Boundary
 -  Minor Subwatershed Boundary

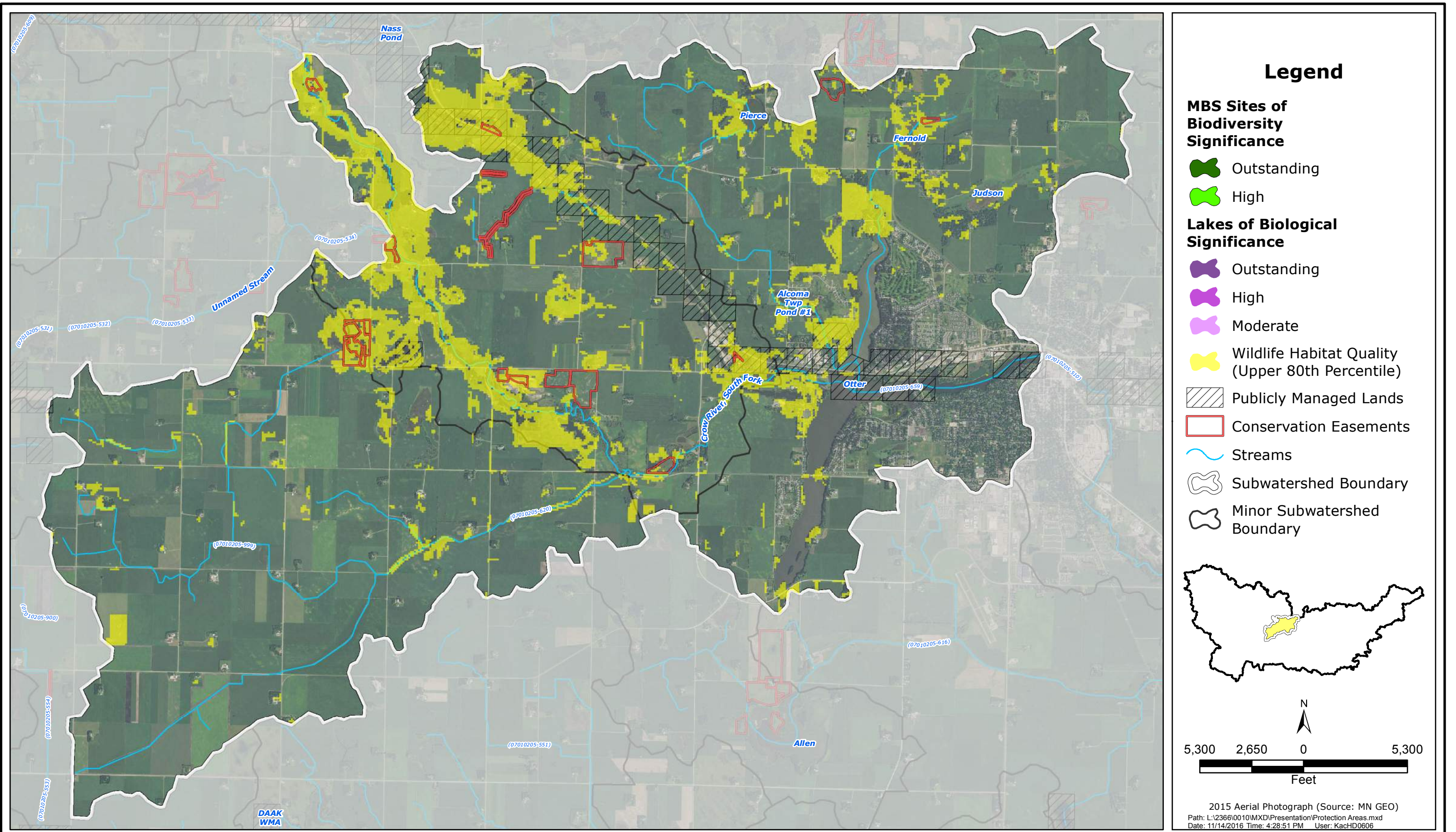


2015 Aerial Photograph (Source: MN GEO)
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SOUTH FORK CROW
 Wakanda Lake Restorable Wetland Index Areas



2016
 OL-SFCR-6



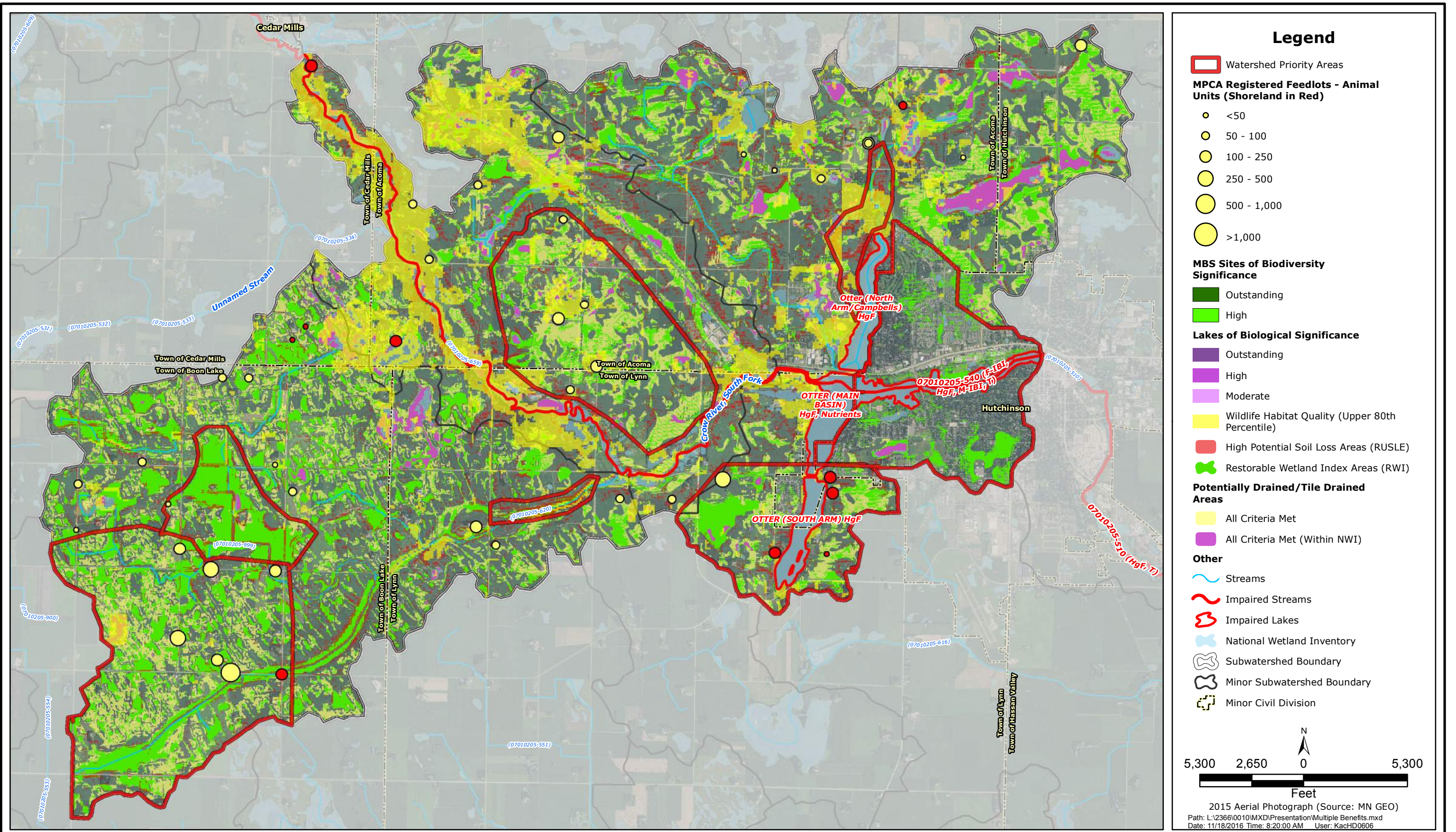
SOUTH FORK CROW

Otter Lake-South Fork Crow River Areas of Biological Significance Map



2016

OL-SFCR-7



Legend

- Watershed Priority Areas
- MPCA Registered Feedlots - Animal Units (Shoreland in Red)**
 - <50
 - 50 - 100
 - 100 - 250
 - 250 - 500
 - 500 - 1,000
 - >1,000
- MBS Sites of Biodiversity Significance**
 - Outstanding
 - High
- Lakes of Biological Significance**
 - Outstanding
 - High
 - Moderate
- Wildlife Habitat Quality (Upper 80th Percentile)
- High Potential Soil Loss Areas (RUSLE)
- Restorable Wetland Index Areas (RWI)
- Potentially Drained/Tile Drained Areas**
 - All Criteria Met
 - All Criteria Met (Within NWI)
- Other**
 - Streams
 - Impaired Streams
 - Impaired Lakes
 - National Wetland Inventory
 - Subwatershed Boundary
 - Minor Subwatershed Boundary
 - Minor Civil Division

N

5,300 2,650 0 5,300

Feet

2015 Aerial Photograph (Source: MN GEO)
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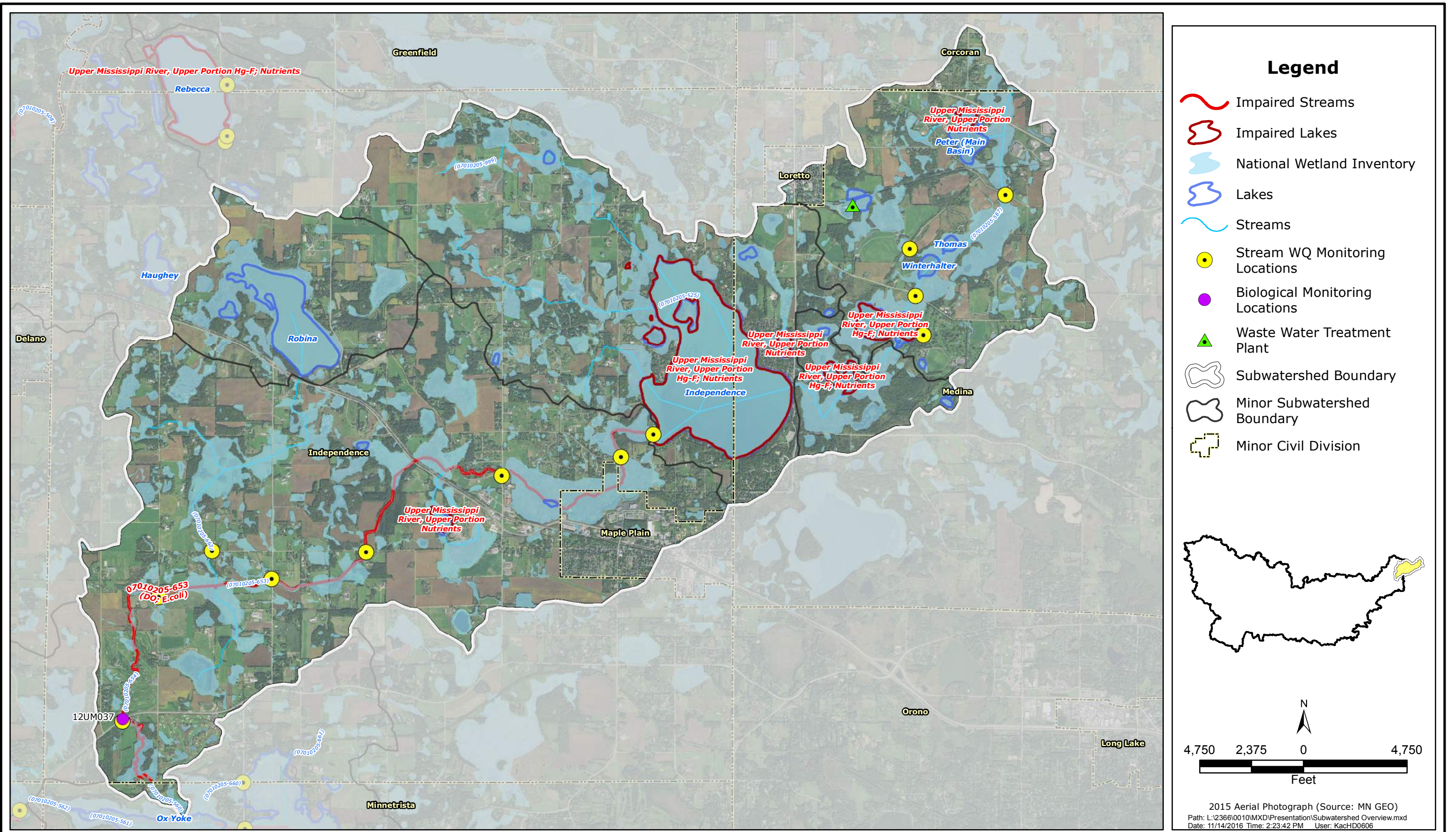
SOUTH FORK CROW

Otter Lake-South Fork Crow River Benefited Areas



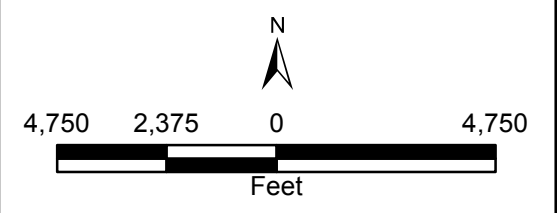
2016

OL-SFCR-8



Legend

- Impaired Streams
- Impaired Lakes
- National Wetland Inventory
- Lakes
- Streams
- Stream WQ Monitoring Locations
- Biological Monitoring Locations
- Waste Water Treatment Plant
- Subwatershed Boundary
- Minor Subwatershed Boundary
- Minor Civil Division

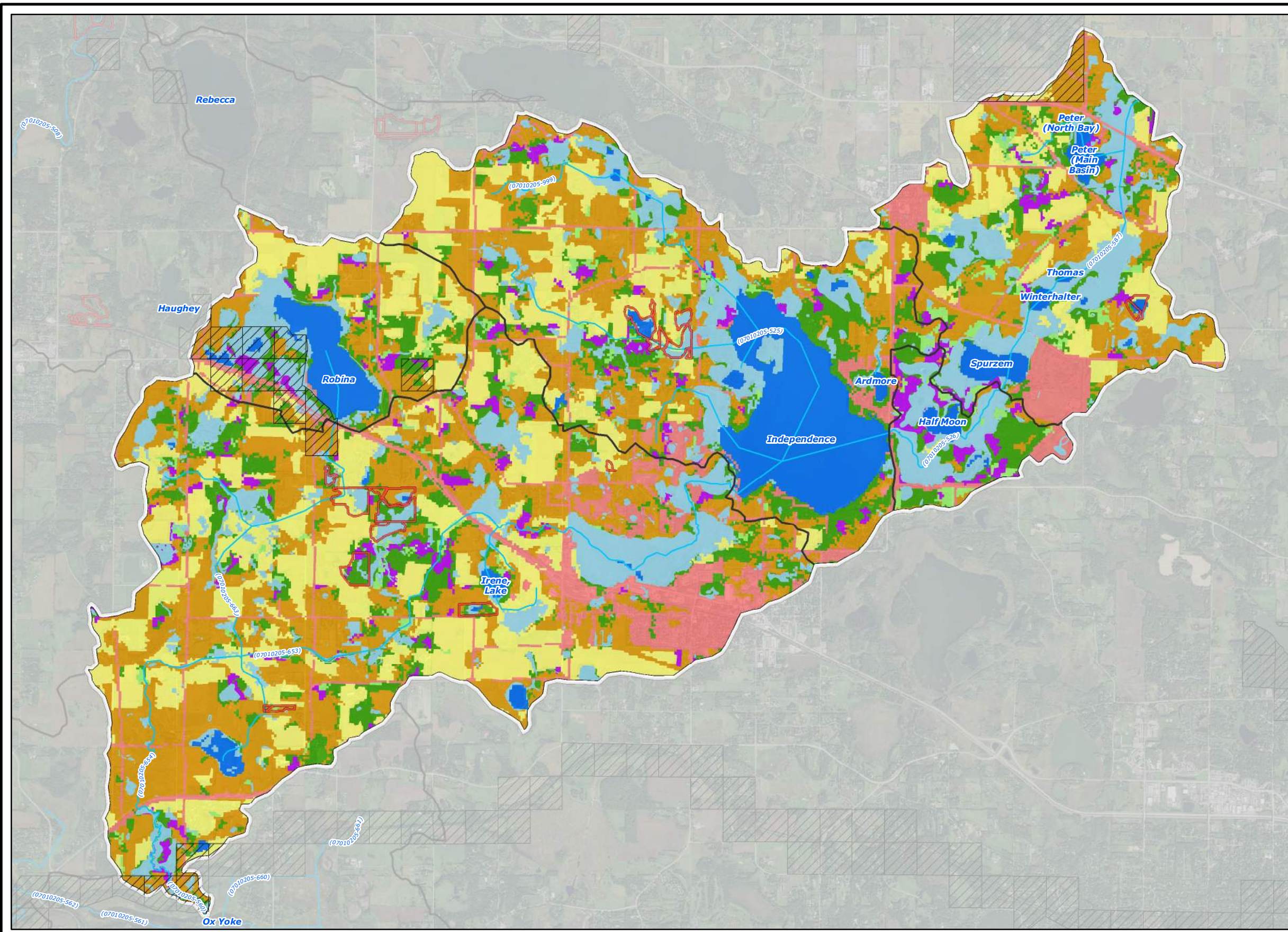


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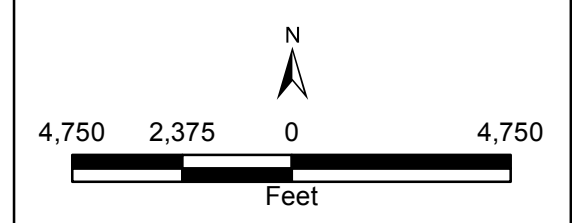
SOUTH FORK CROW
 Pioneer Creek Overview Map



2016
 PC-1



- ### Legend
- 2006 National Land Cover Dataset**
- Wetlands
 - Barren Land (Rock/Sand/Clay)
 - Developed Land
 - Cultivated Crops
 - Forest
 - Grassland/Herbaceous
 - Open Water
 - Pasture/Hay
 - Shrub/Scrub
 - Publicly Managed Lands
 - Conservation Easements
 - Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary

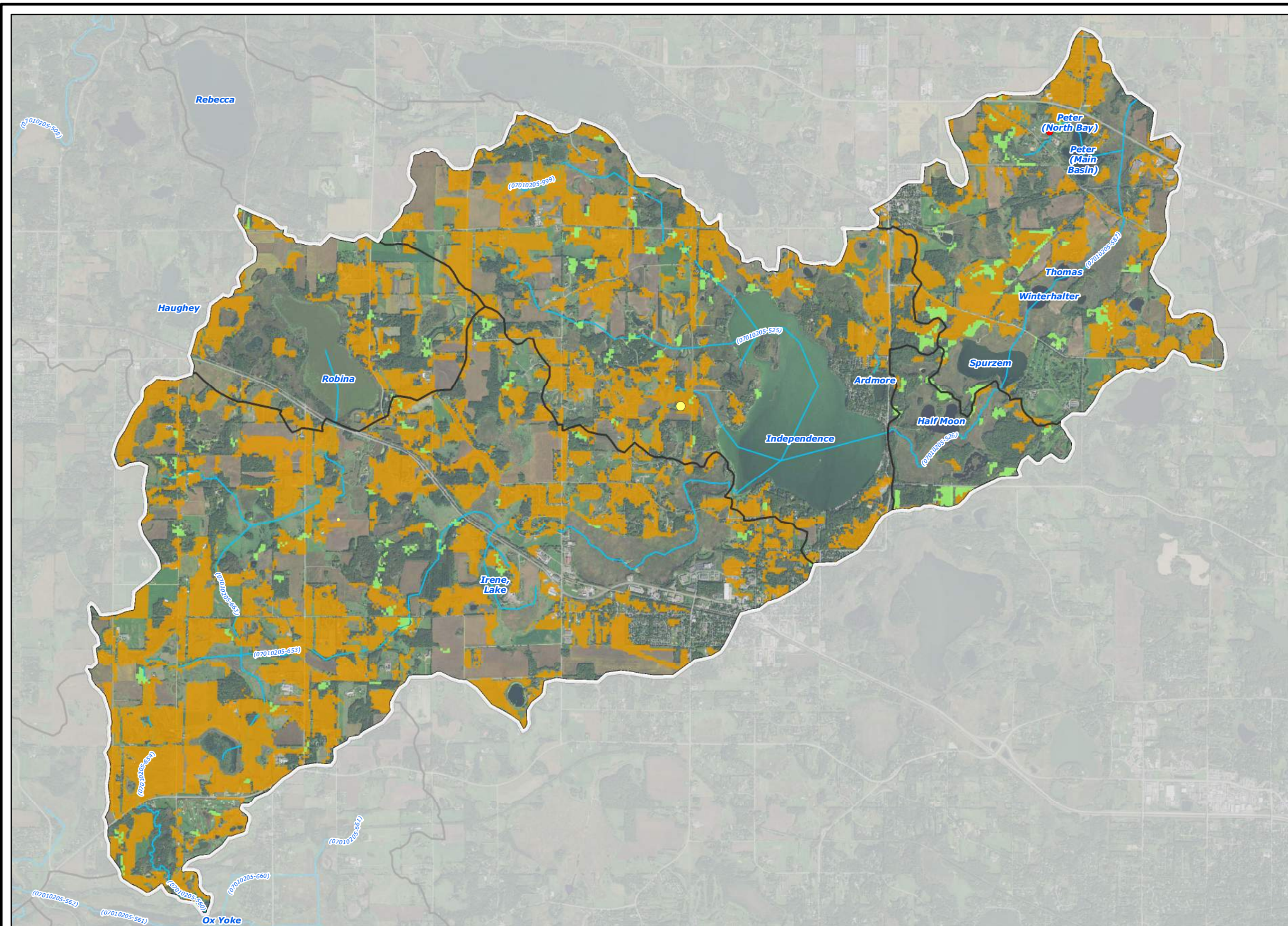


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SOUTH FORK CROW
 Pioneer Creek Land Cover Map



2016
 PC-2



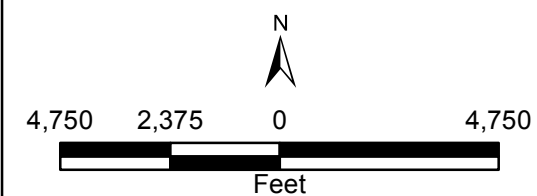
Legend

MPCA Feedlots - Animal Units (shoreland in red)

- <50
- 50 - 100
- 100 - 250
- 250 - 500
- 500 - 1,000
- >1,000

2006 National Land Cover Dataset

- Grassland/Herbaceous
- Pasture/Hay
- Subwatershed Boundary
- Minor Subwatershed Boundary
- Streams



2015 Aerial Photograph (Source: MN GEO)
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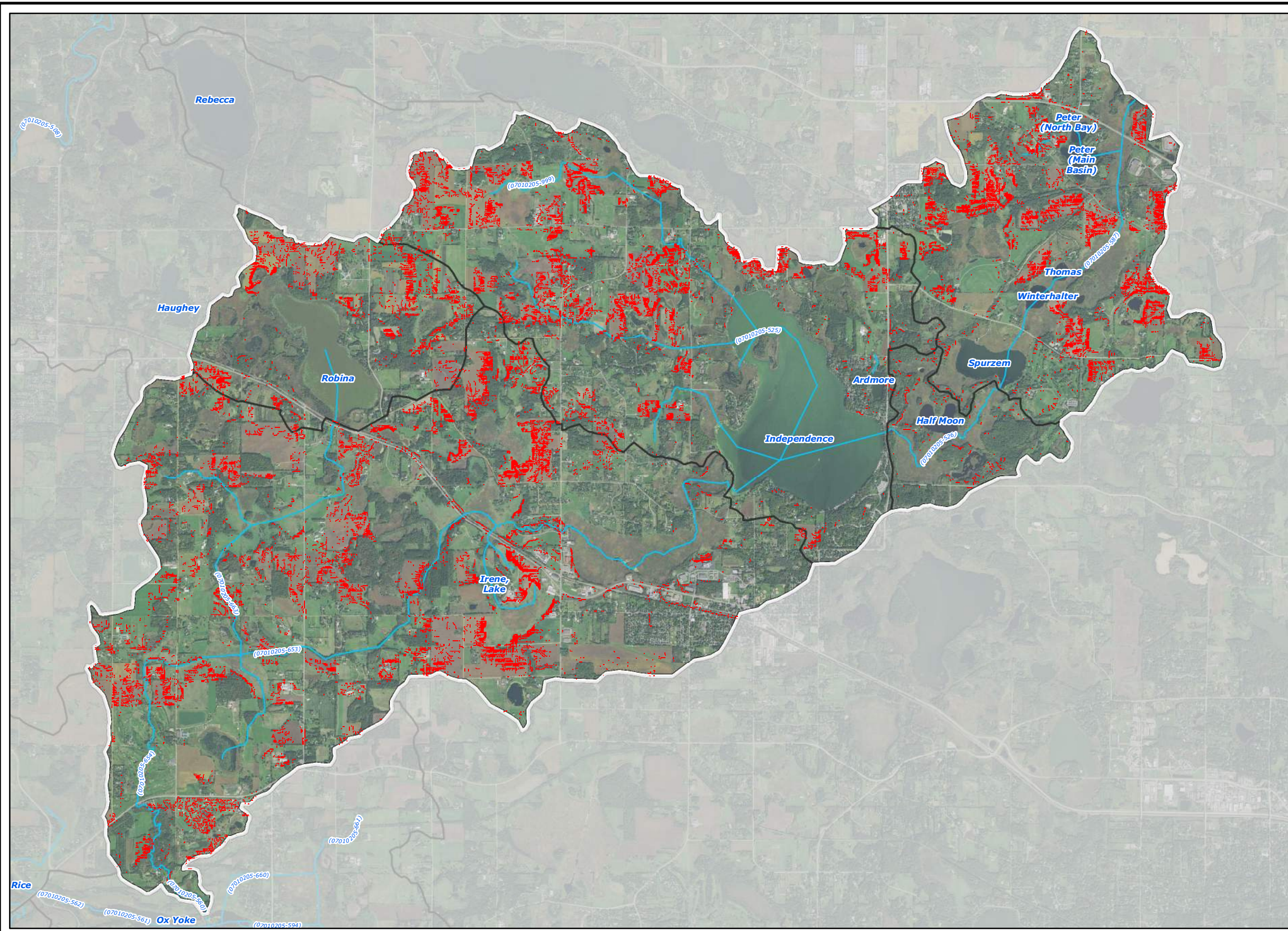
SOUTH FORK CROW

Pioneer Creek Registered Feedlots

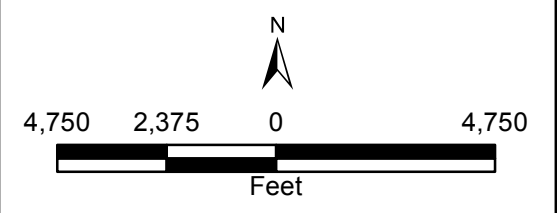


2016

PC-3



- ### Legend
- High Potential Soil Loss Areas (RUSLE)
 - ~ Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary



2015 Aerial Photograph (Source: MN GEO)
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 Date: 11/14/2016 Time: 4:33:17 PM User: KacHD0606

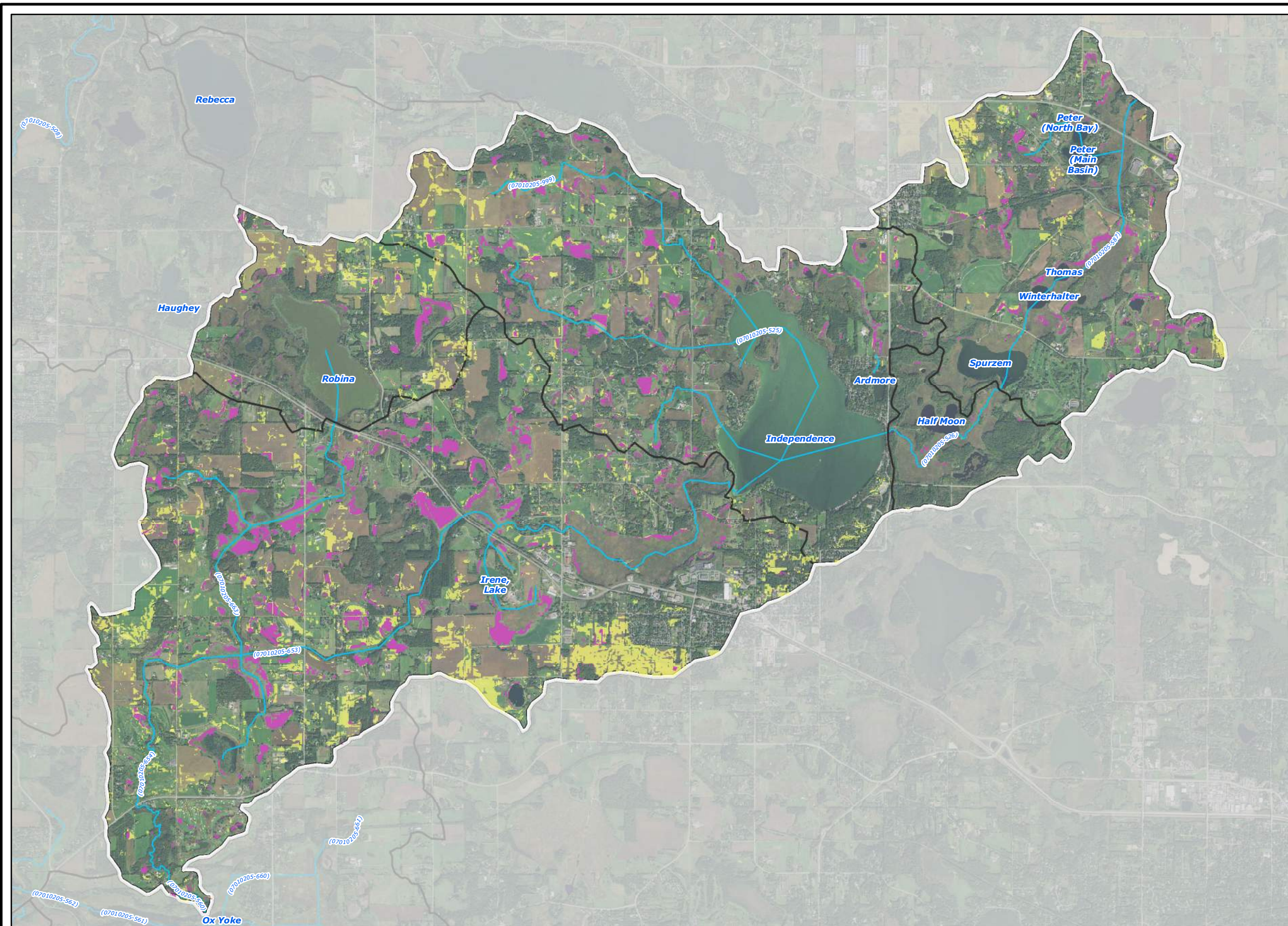
SOUTH FORK CROW

Pioneer Creek High Potential Soil Loss Areas

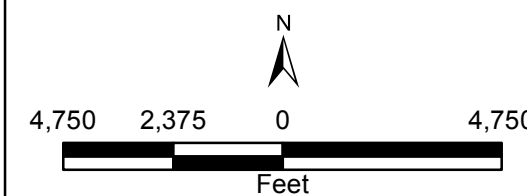


2016

PC-4



- ### Legend
- Potentially Drained/Tile Drained Areas**
- All Criteria Met
 - All Criteria Met (Within NWI)
 - Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary



2015 Aerial Photograph (Source: MN GEO)
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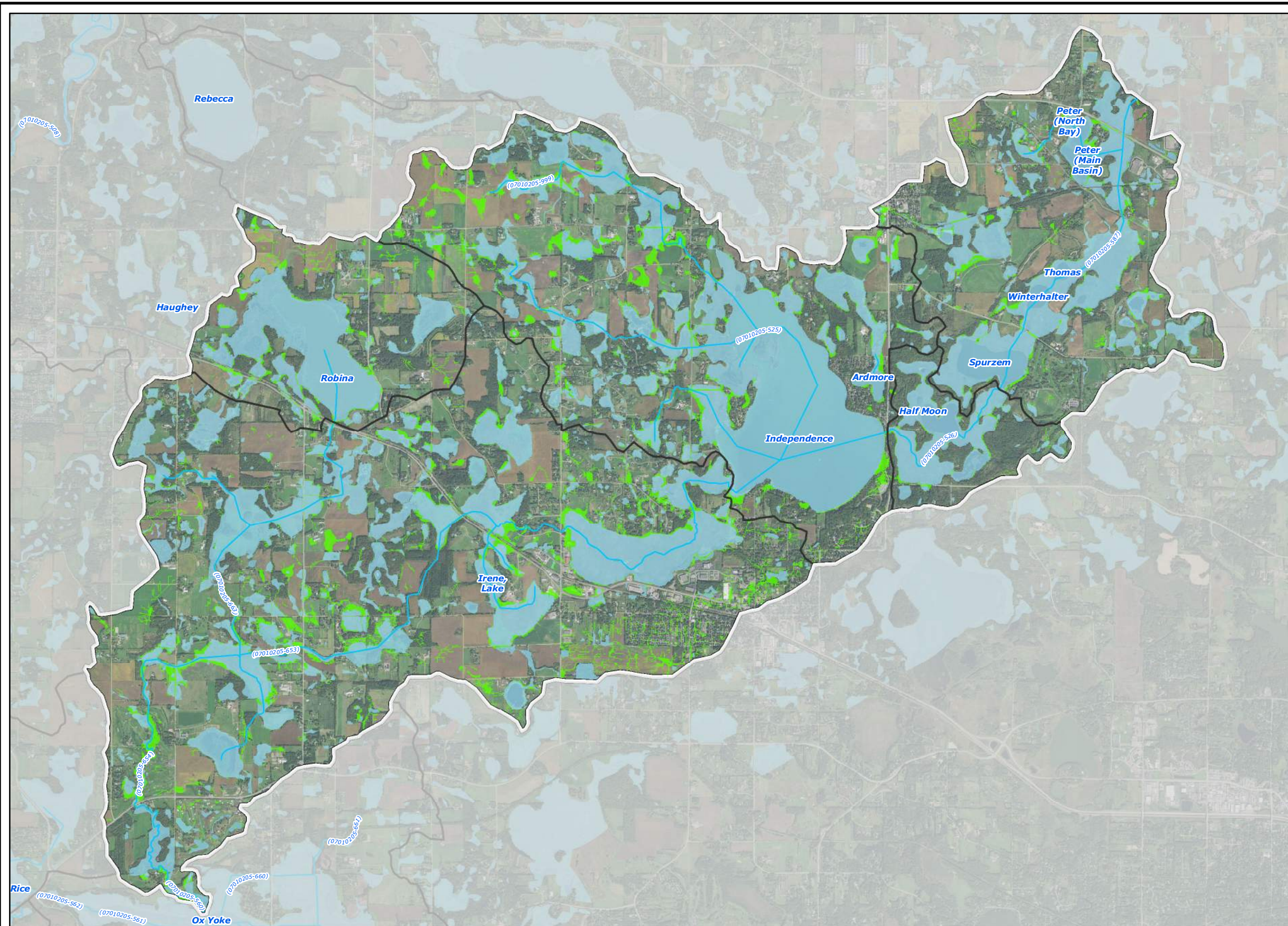
SOUTH FORK CROW






Pioneer Creek Potentially Tile Drained Lands

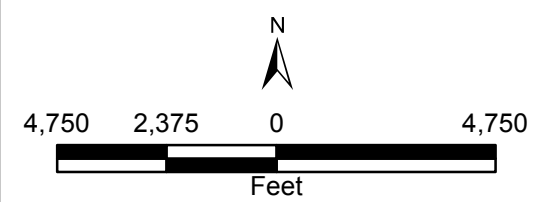


2016

PC-5



- ### Legend
-  Restorable Wetland Index Areas (RWI)
 -  National Wetland Inventory
 -  Streams
 -  Subwatershed Boundary
 -  Minor Subwatershed Boundary



2015 Aerial Photograph (Source: MN GEO)
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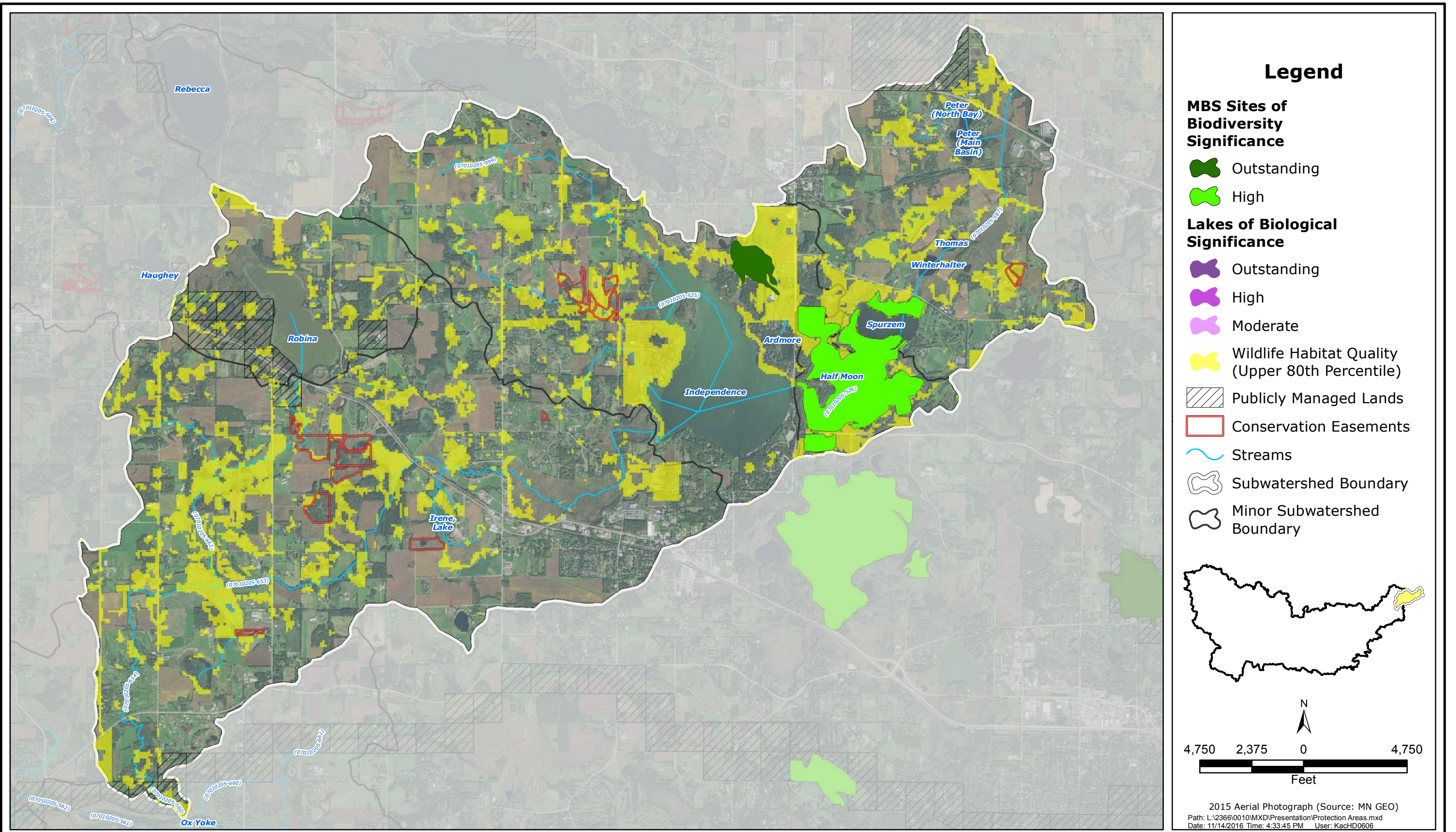
SOUTH FORK CROW

Wakanda Lake Restorable Wetland Index Areas



2016

PC-6



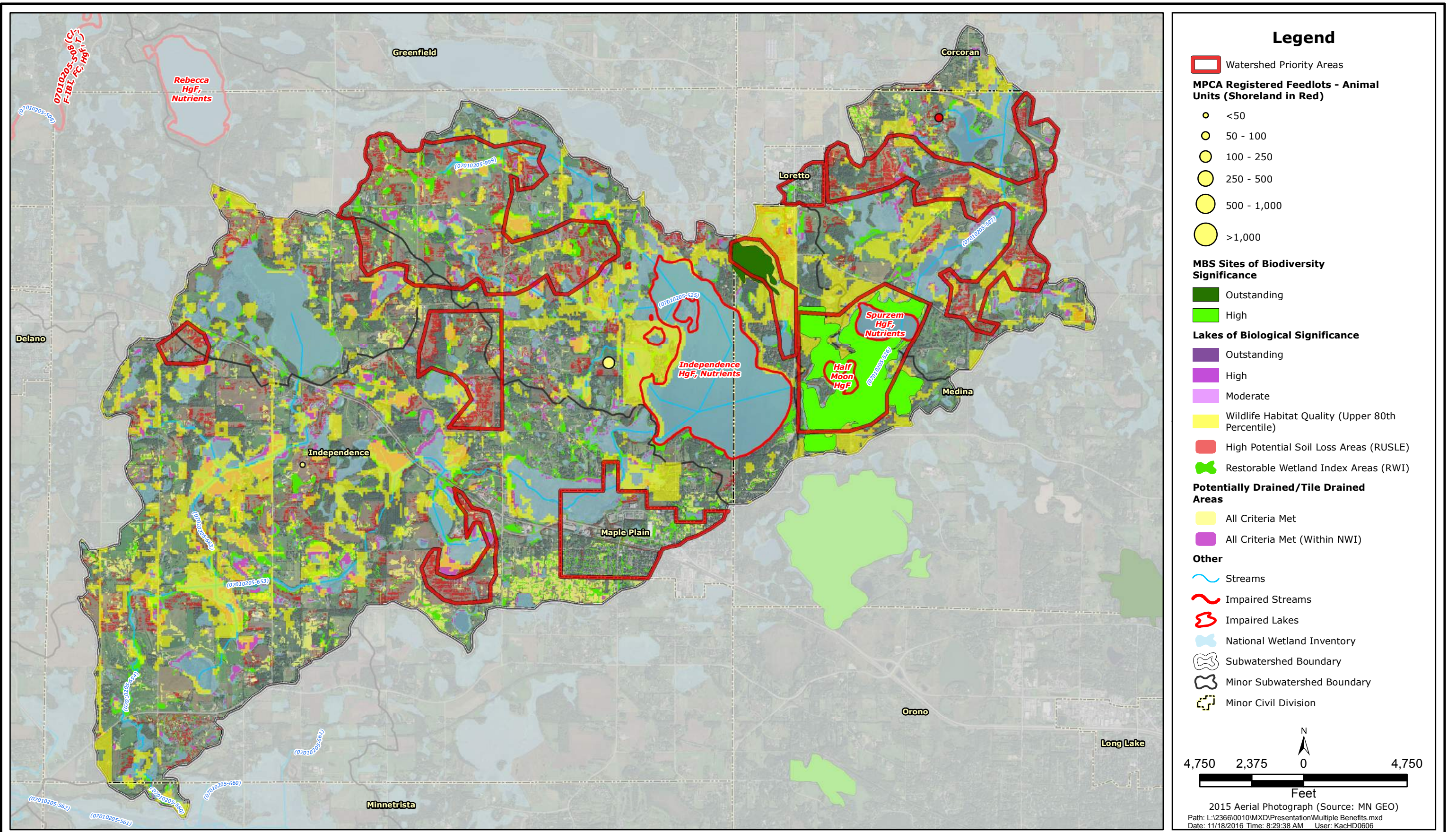
SOUTH FORK CROW

Pioneer Creek Areas of Biological Significance Map



2016

PC-7



Legend

- Watershed Priority Areas
- MPCA Registered Feedlots - Animal Units (Shoreland in Red)**
 - <50
 - 50 - 100
 - 100 - 250
 - 250 - 500
 - 500 - 1,000
 - >1,000
- MBS Sites of Biodiversity Significance**
 - Outstanding
 - High
- Lakes of Biological Significance**
 - Outstanding
 - High
 - Moderate
- Wildlife Habitat Quality (Upper 80th Percentile)**
 -
- High Potential Soil Loss Areas (RUSLE)**
 -
- Restorable Wetland Index Areas (RWI)**
 -
- Potentially Drained/Tile Drained Areas**
 - All Criteria Met
 - All Criteria Met (Within NWI)
- Other**
 - Streams
 - Impaired Streams
 - Impaired Lakes
 - National Wetland Inventory
 - Subwatershed Boundary
 - Minor Subwatershed Boundary
 - Minor Civil Division

N

4,750 2,375 0 4,750

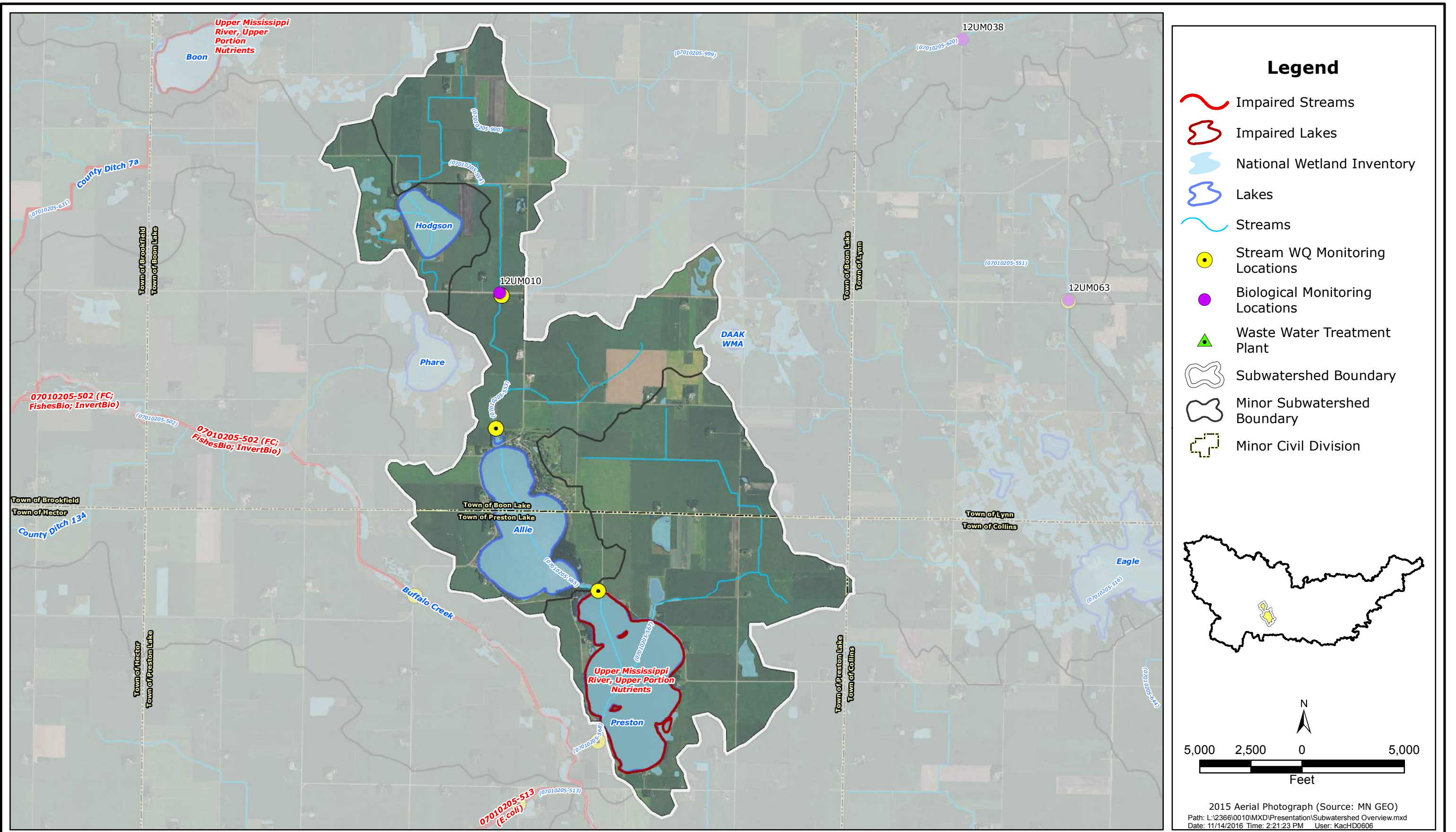
Feet

2015 Aerial Photograph (Source: MN GEO)
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SOUTH FORK CROW
Pioneer Creek Benefited Areas



2016
PC-8

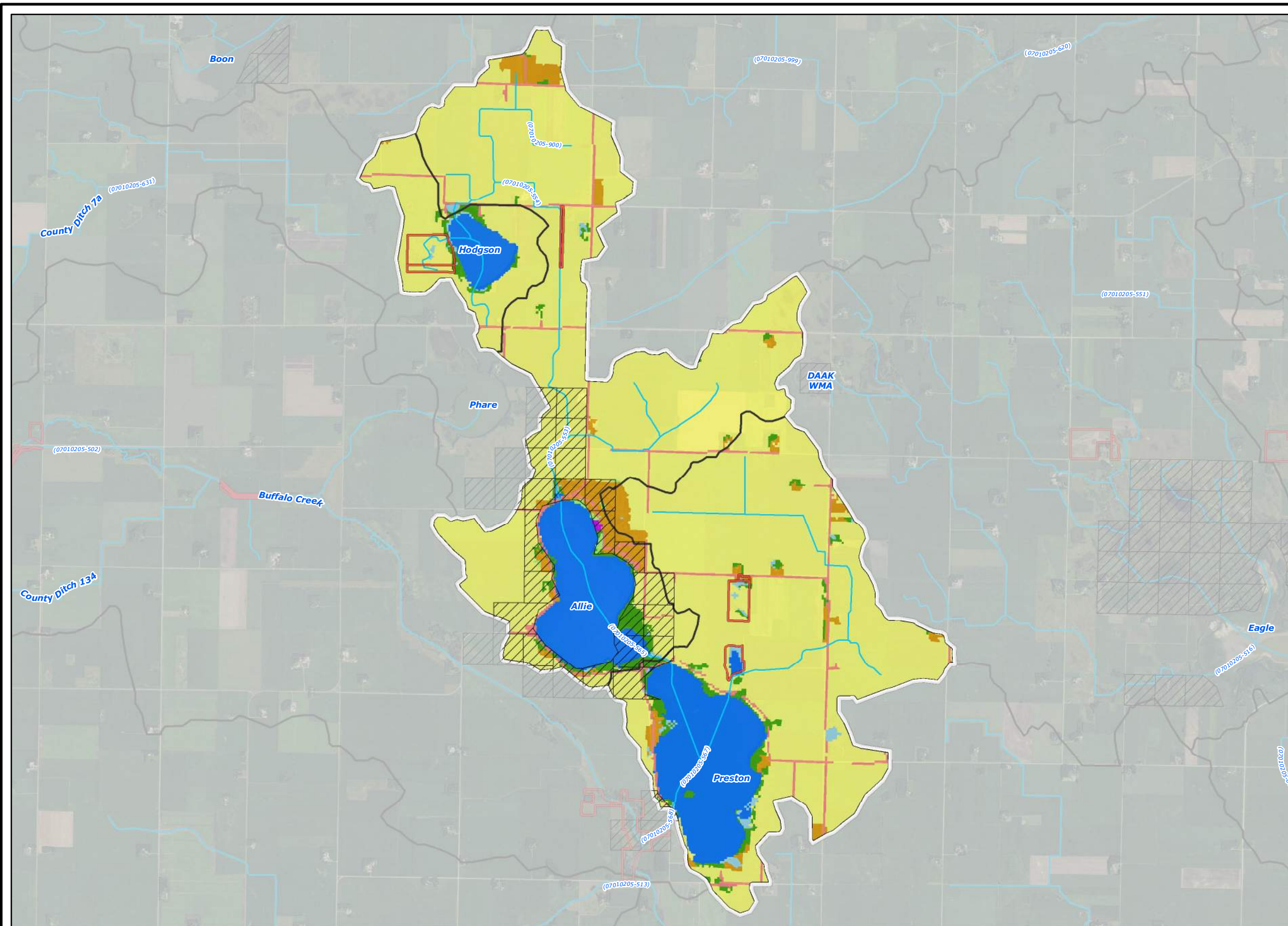


SOUTH FORK CROW
Preston Lake Overview Map

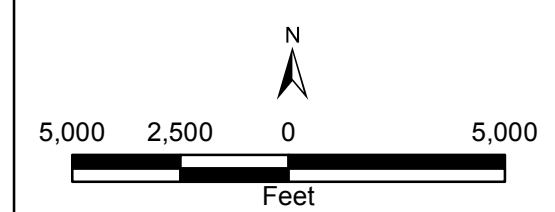


2016
PL-1

2015 Aerial Photograph (Source: MN GEO)
Path: L:\2366\0010\MXD\Presentation\Subwatershed Overview.mxd
Date: 11/14/2016 Time: 2:21:23 PM User: KacHD0606



- ### Legend
- 2006 National Land Cover Dataset**
- Wetlands
 - Barren Land (Rock/Sand/Clay)
 - Developed Land
 - Cultivated Crops
 - Forest
 - Grassland/Herbaceous
 - Open Water
 - Pasture/Hay
 - Shrub/Scrub
 - Publicly Managed Lands
 - Conservation Easements
 - Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary

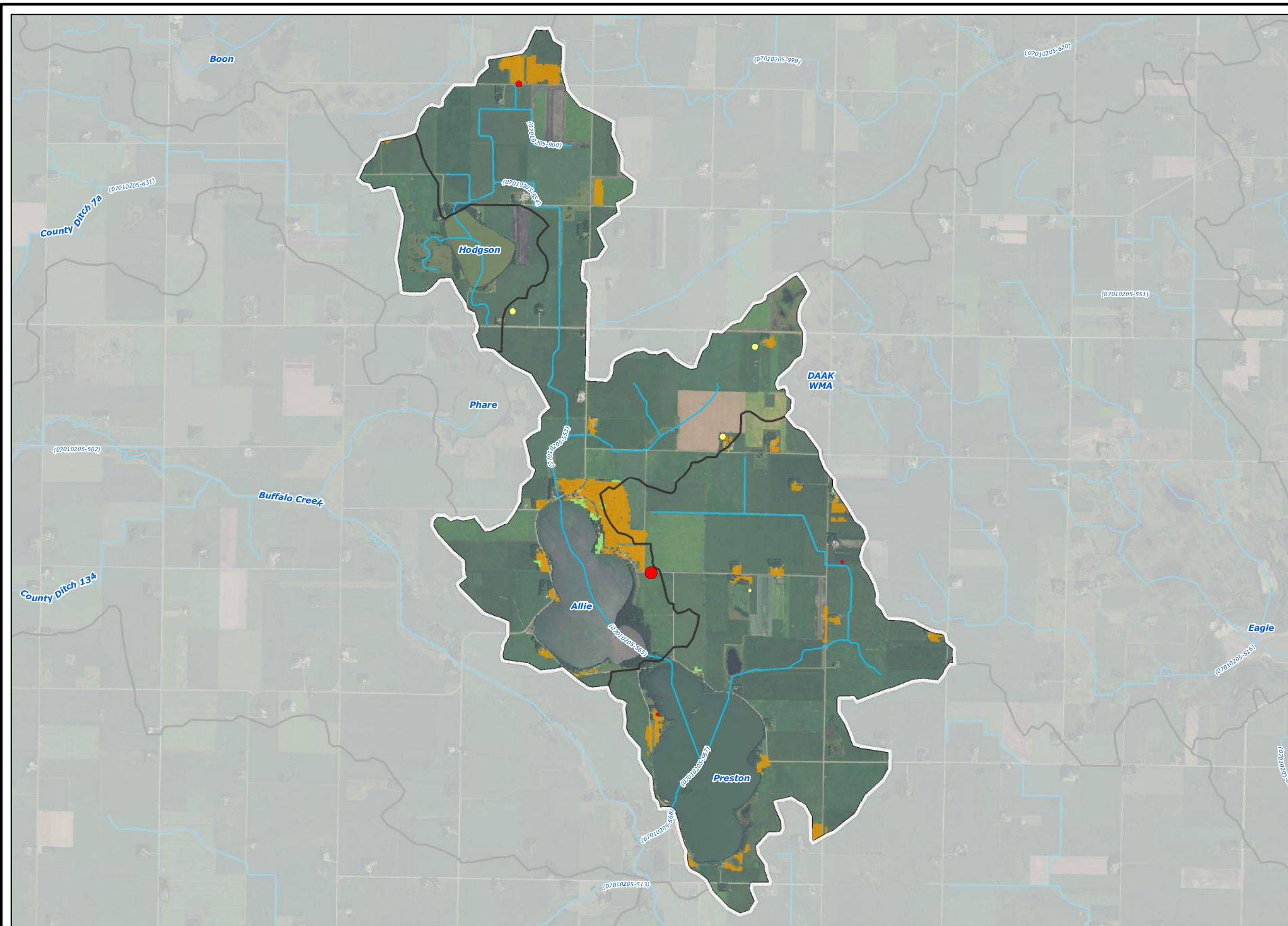


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SOUTH FORK CROW
 Preston Lake Land Cover Map



2016
 PL-2



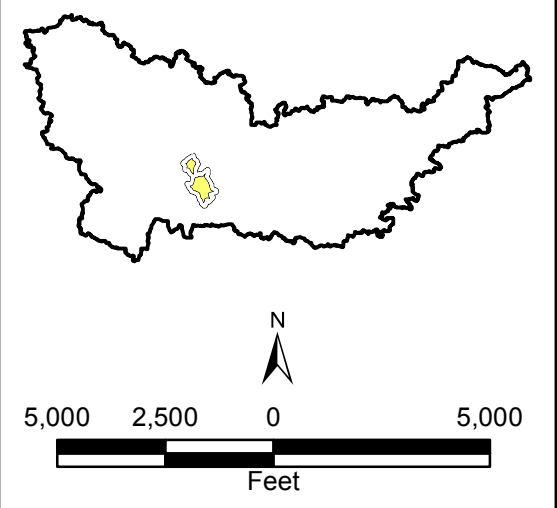
Legend

MPCA Feedlots - Animal Units (shoreland in red)

- <50
- 50 - 100
- 100 - 250
- 250 - 500
- 500 - 1,000
- >1,000

2006 National Land Cover Dataset

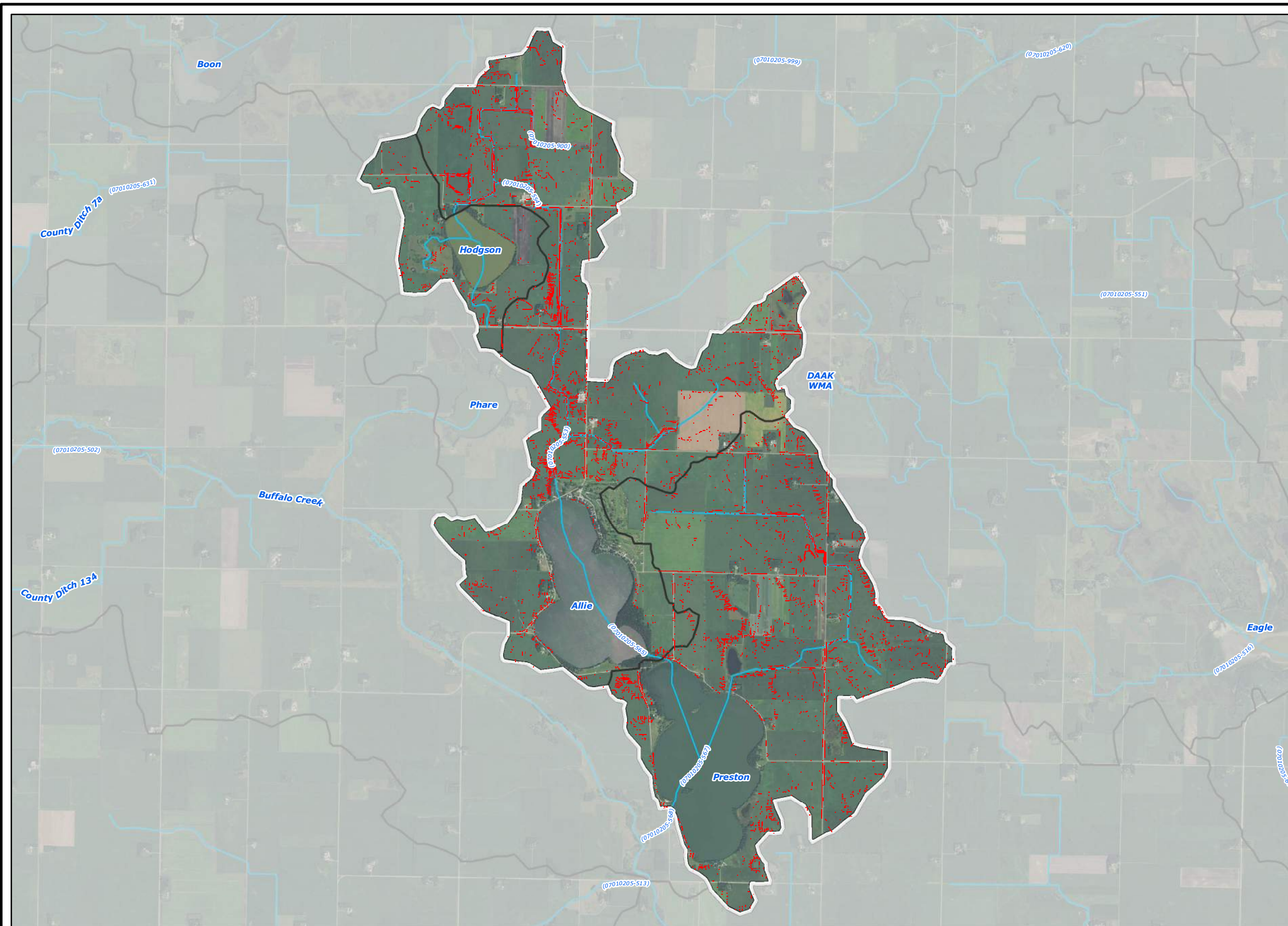
- Grassland/Herbaceous
- Pasture/Hay
- Subwatershed Boundary
- Minor Subwatershed Boundary
- Streams



2015 Aerial Photograph (Source: MN GEO)
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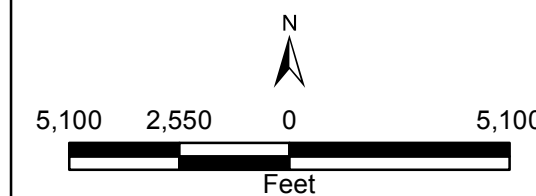
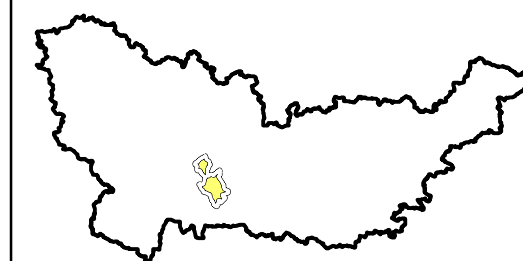
SOUTH FORK CROW
 Preston Lake Registered Feedlots

2016
 PL-3



Legend

- High Potential Soil Loss Areas (RUSLE)
- ~ Streams
- Subwatershed Boundary
- Minor Subwatershed Boundary



2015 Aerial Photograph (Source: MN GEO)
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 Date: 11/14/2016 Time: 4:31:19 PM User: KacHD0606

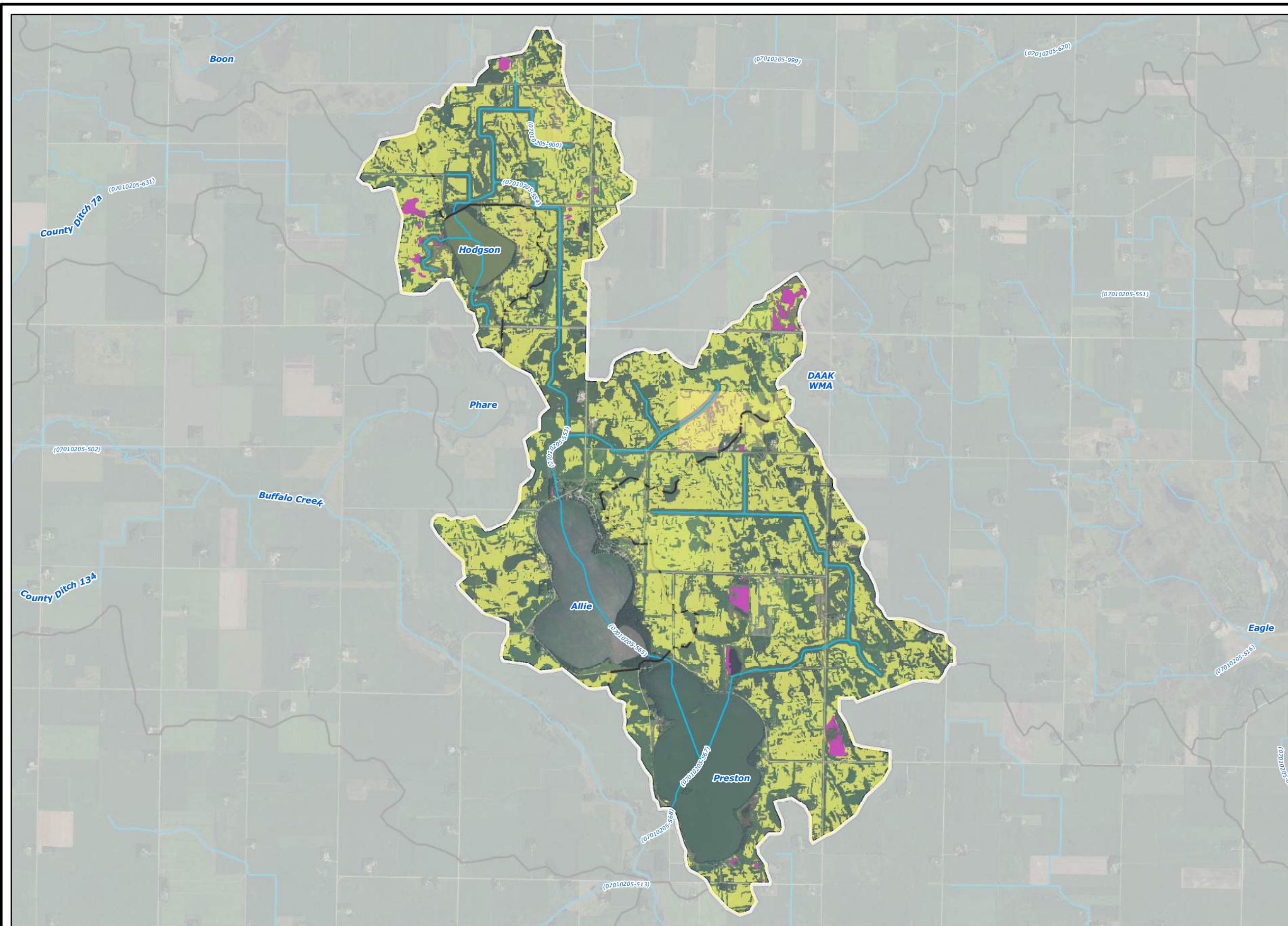
SOUTH FORK CROW

Preston Lake High Potential Soil Loss Areas

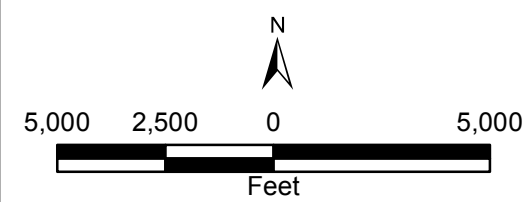


2016

PL-4



- ### Legend
- Potentially Drained/Tile Drained Areas**
- All Criteria Met
 - All Criteria Met (Within NWI)
 - Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary



2015 Aerial Photograph (Source: MN GEO)
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 Date: 11/18/2016 Time: 7:27:29 AM User: KacHD0606

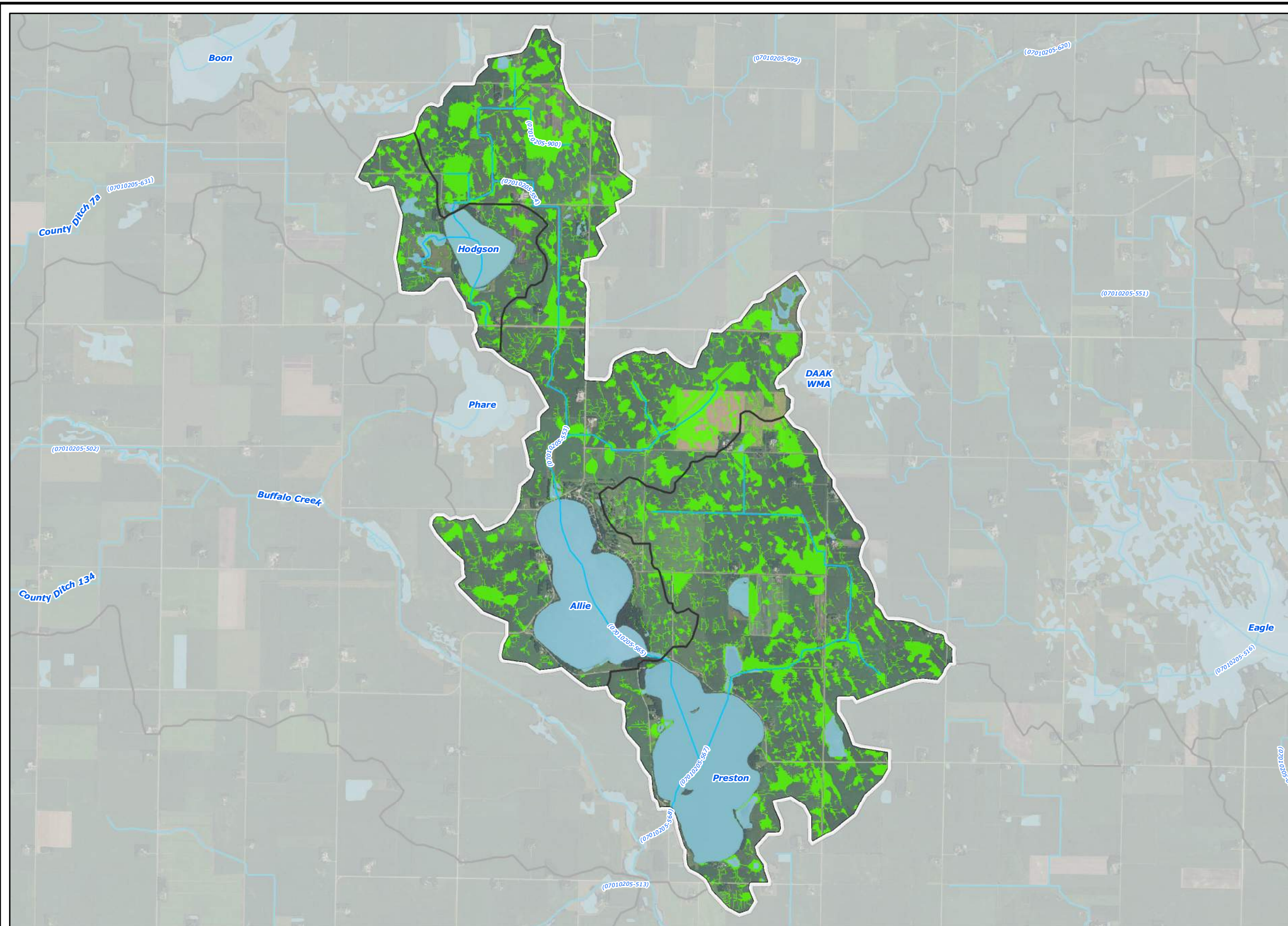
SOUTH FORK CROW






Preston Lake Potentially Tile Drained Lands

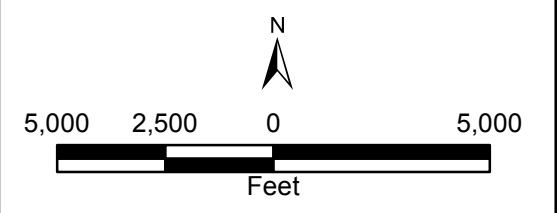
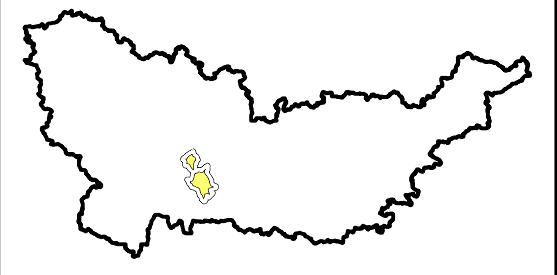


2016

PL-5



- ### Legend
-  Restorable Wetland Index Areas (RWI)
 -  National Wetland Inventory
 -  Streams
 -  Subwatershed Boundary
 -  Minor Subwatershed Boundary

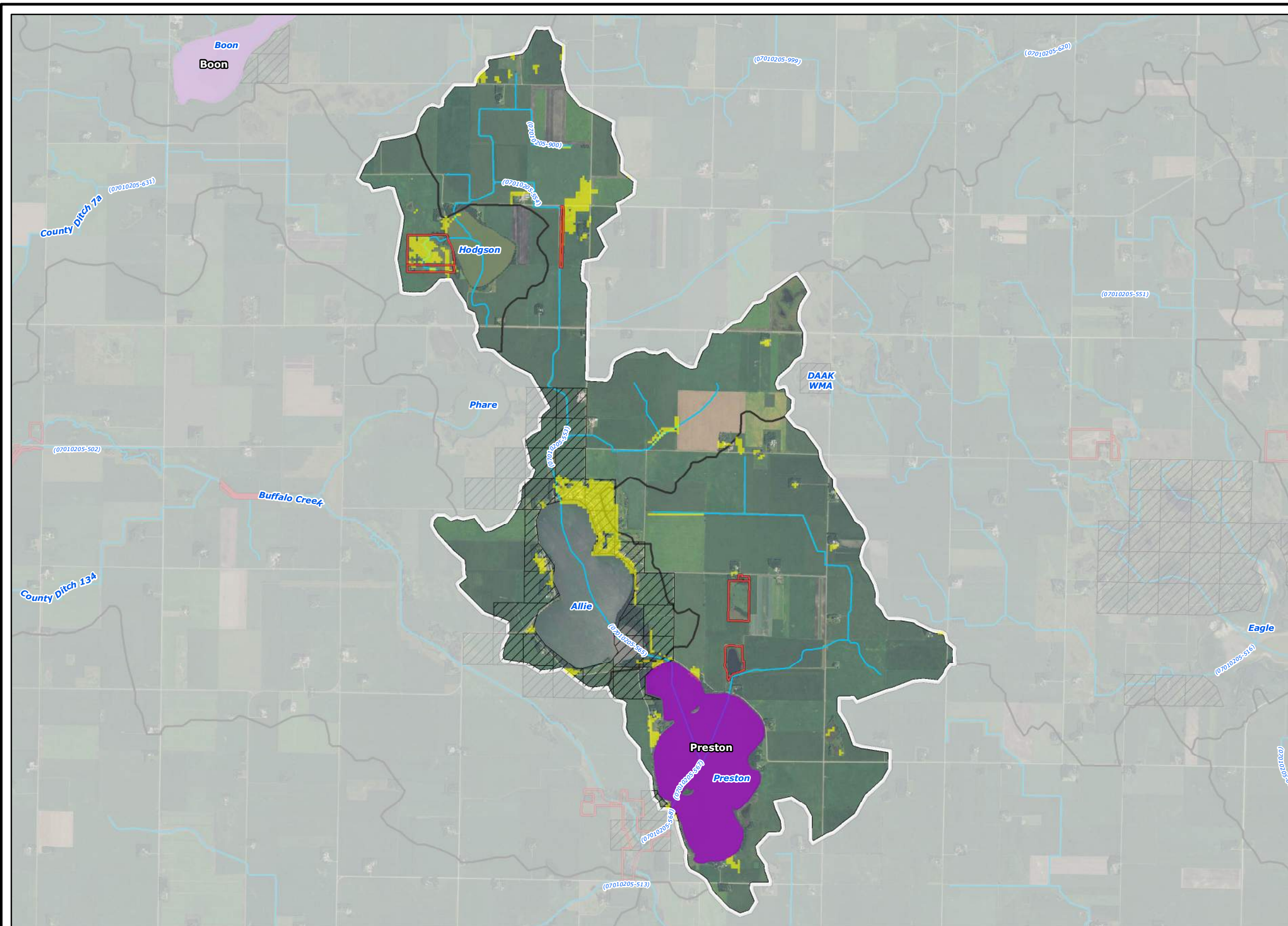


2015 Aerial Photograph (Source: MN GEO)
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 Date: 11/14/2016 Time: 2:33:52 PM User: KacHD0606

SOUTH FORK CROW
 Wakanda Lake Restorable Wetland Index Areas



2016
 PL-6



Legend

MBS Sites of Biodiversity Significance

- Outstanding
- High

Lakes of Biological Significance

- Outstanding
- High
- Moderate

- Wildlife Habitat Quality (Upper 80th Percentile)
- Publicly Managed Lands
- Conservation Easements
- Streams
- Subwatershed Boundary
- Minor Subwatershed Boundary

N

5,000 2,500 0 5,000

Feet

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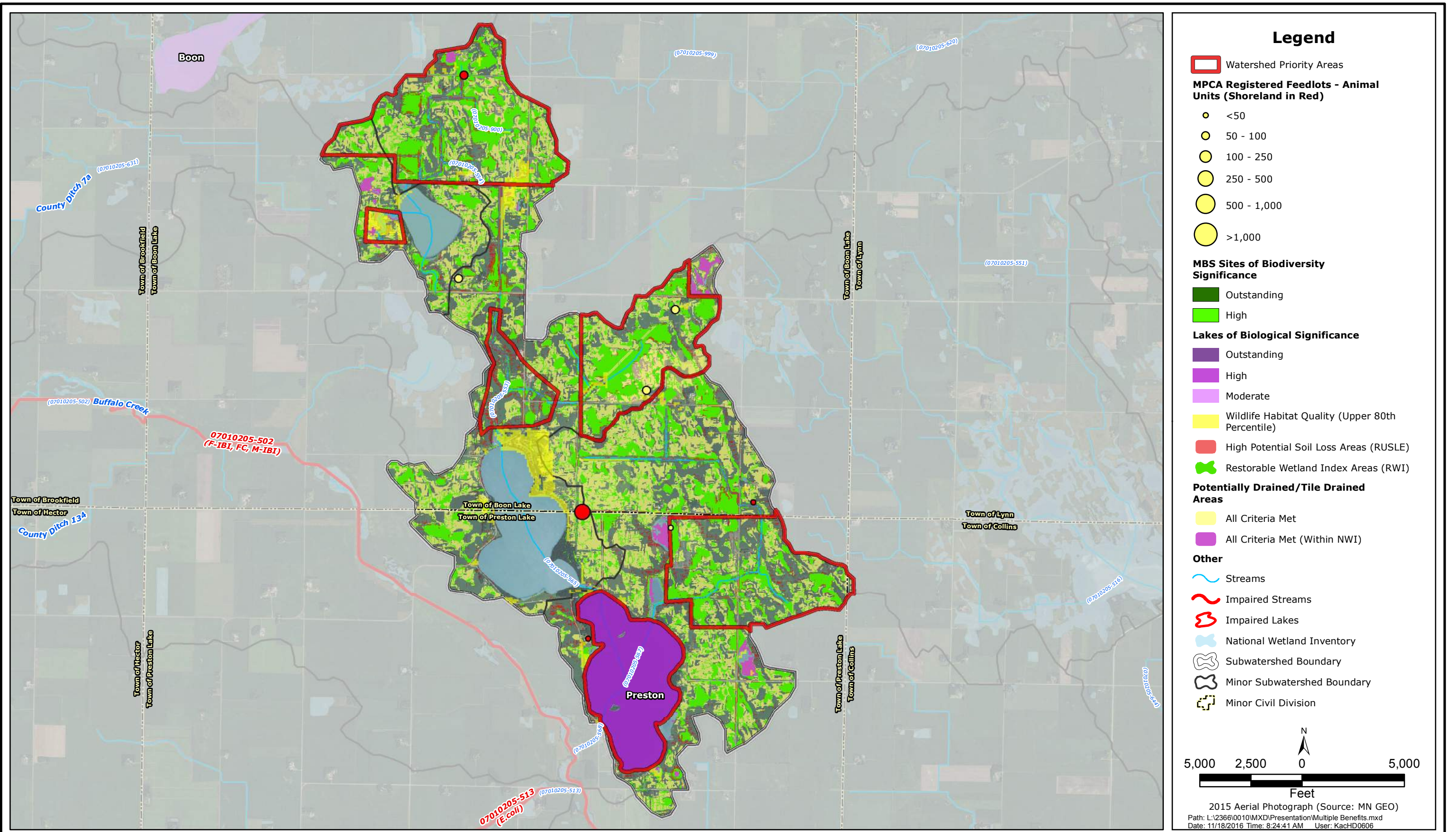
SOUTH FORK CROW

Preston Lake Areas of Biological Significance Map



2016

PL-7



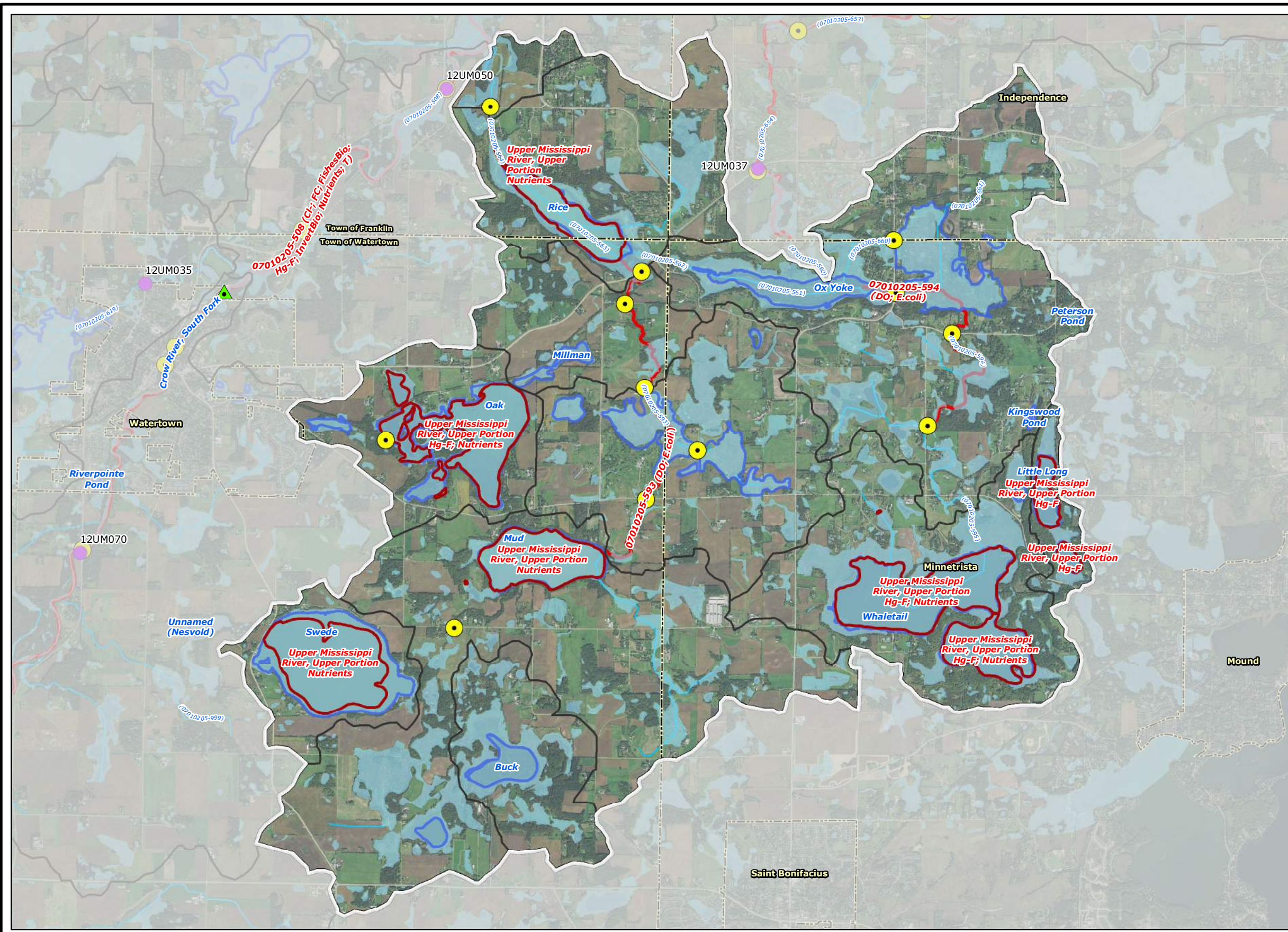
SOUTH FORK CROW

Preston Lake Benefited Areas



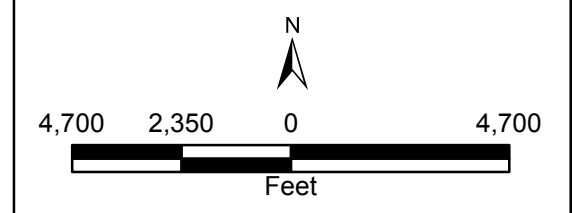
2016

PL-8



Legend

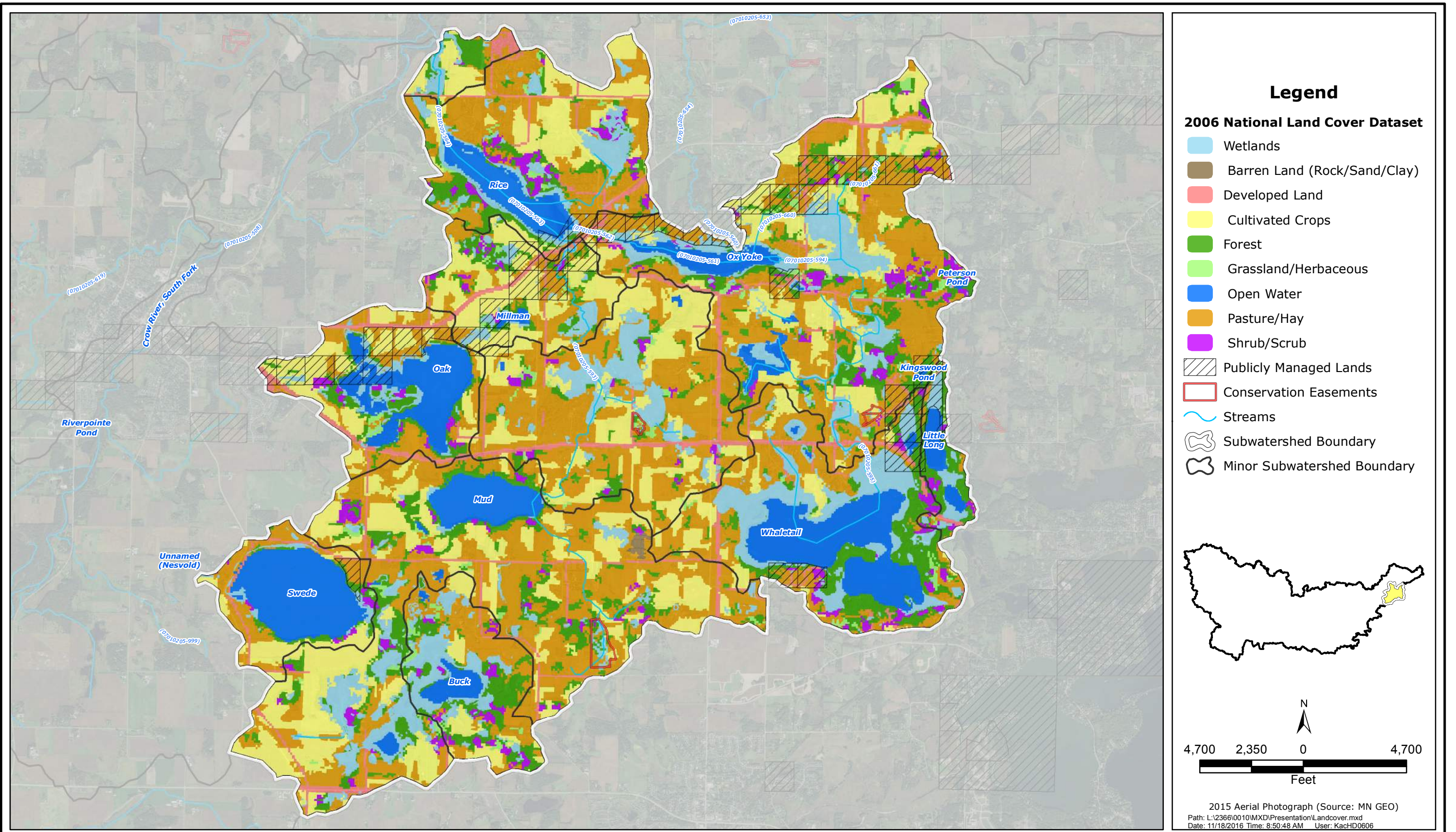
- Impaired Streams
- Impaired Lakes
- National Wetland Inventory
- Lakes
- Streams
- Stream WQ Monitoring Locations
- Biological Monitoring Locations
- Waste Water Treatment Plant
- Subwatershed Boundary
- Minor Subwatershed Boundary
- Minor Civil Division



2015 Aerial Photograph (Source: MN GEO)
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SOUTH FORK CROW
 Rice Lake Overview Map

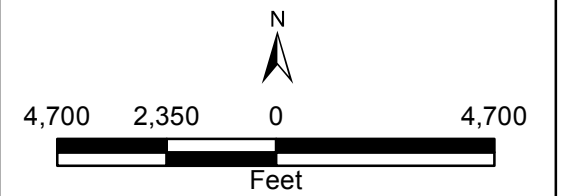
2016
 RL-1



Legend

2006 National Land Cover Dataset

- Wetlands
- Barren Land (Rock/Sand/Clay)
- Developed Land
- Cultivated Crops
- Forest
- Grassland/Herbaceous
- Open Water
- Pasture/Hay
- Shrub/Scrub
- Publicly Managed Lands
- Conservation Easements
- Streams
- Subwatershed Boundary
- Minor Subwatershed Boundary

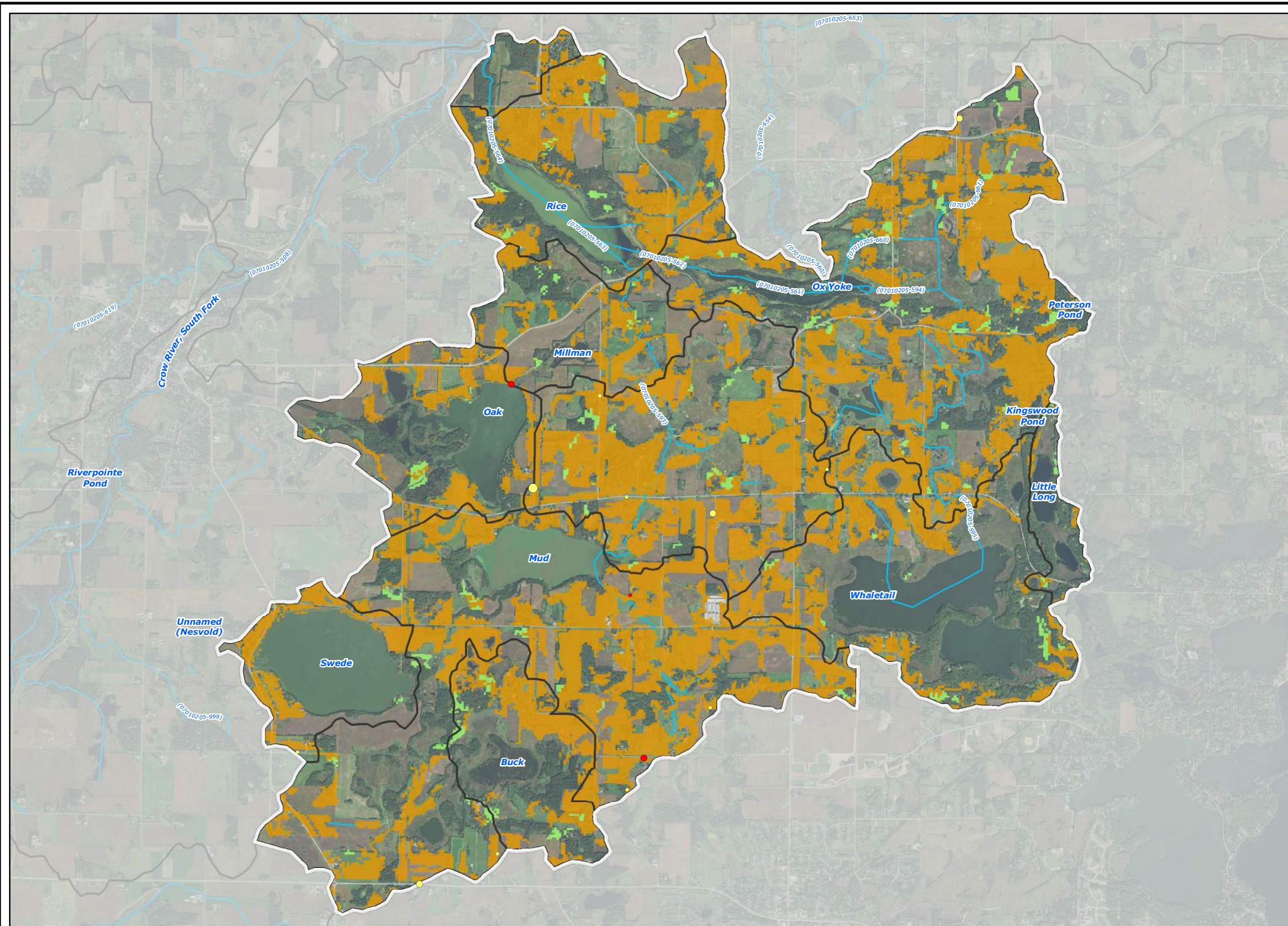


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SOUTH FORK CROW
 Rice Lake Land Cover Map



2016
 RL-2



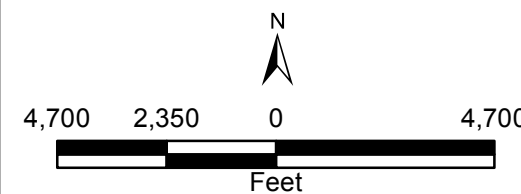
Legend

MPCA Feedlots - Animal Units (shoreland in red)

- <50
- 50 - 100
- 100 - 250
- 250 - 500
- 500 - 1,000
- >1,000

2006 National Land Cover Dataset

- Grassland/Herbaceous
- Pasture/Hay
- Subwatershed Boundary
- Minor Subwatershed Boundary
- Streams

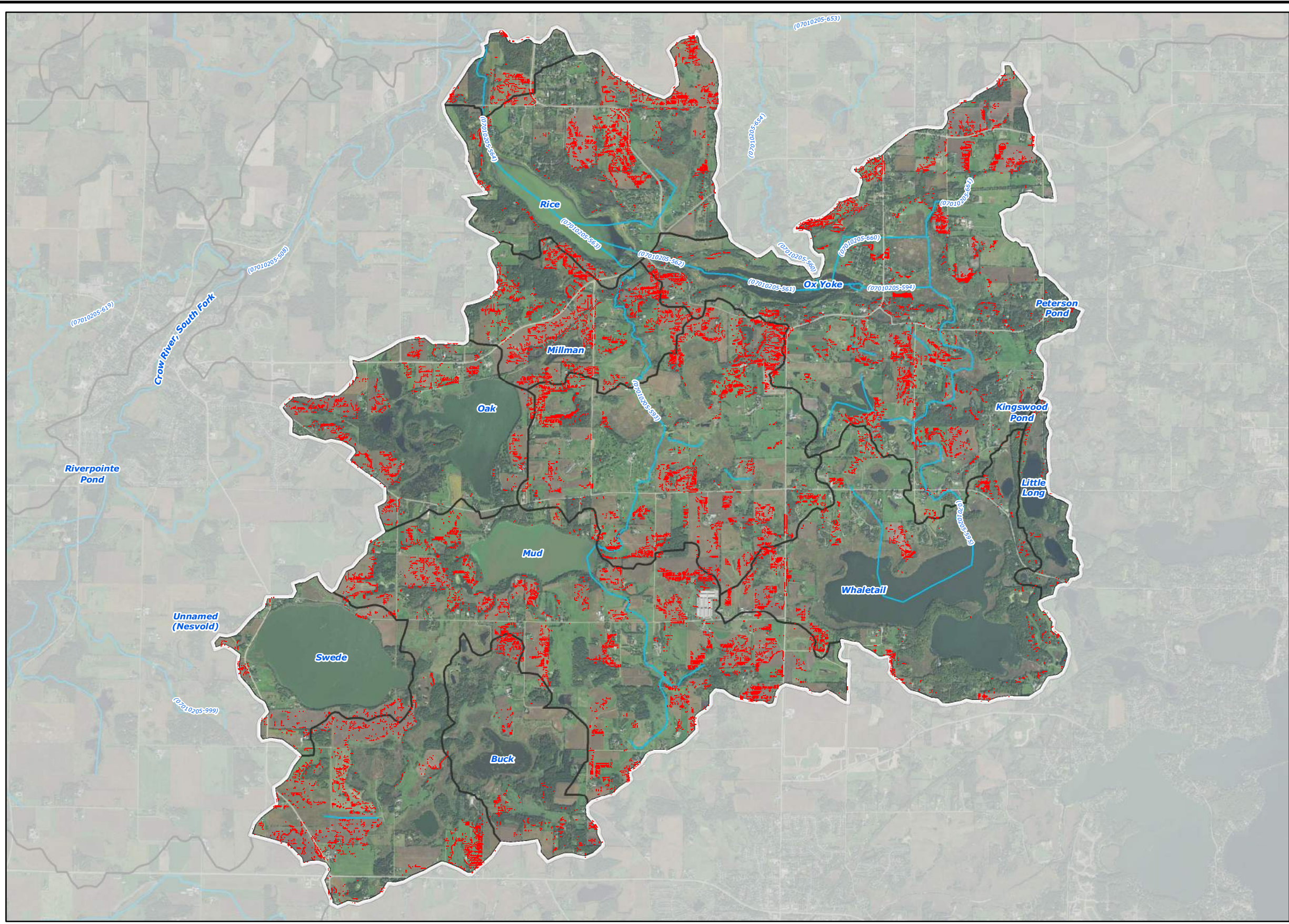


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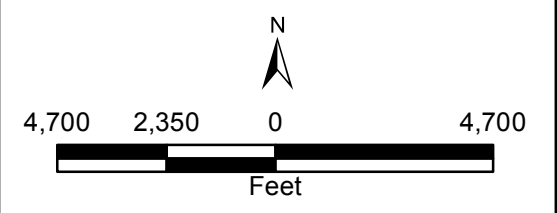
SOUTH FORK CROW
 Rice Lake Registered Feedlots



2016
 RL-3



- ### Legend
- High Potential Soil Loss Areas (RUSLE)
 - ~ Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary

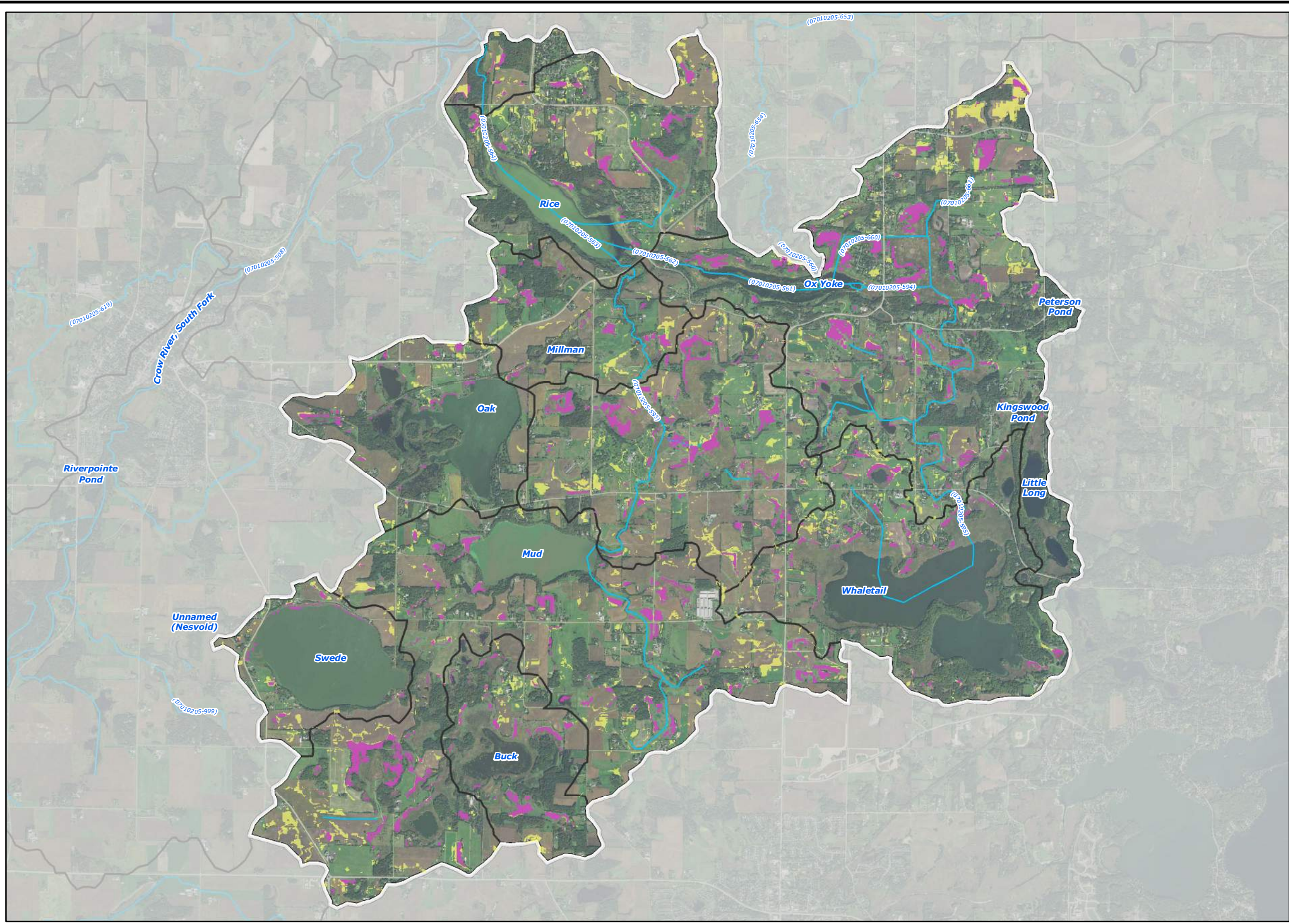


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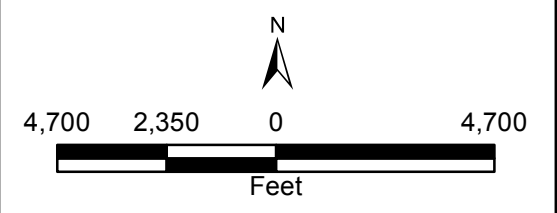
SOUTH FORK CROW
 Rice Lake High Potential Soil Loss Areas



2016
 RL-4



- ### Legend
- Potentially Drained/Tile Drained Areas**
- All Criteria Met
 - All Criteria Met (Within NWI)
 - Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary

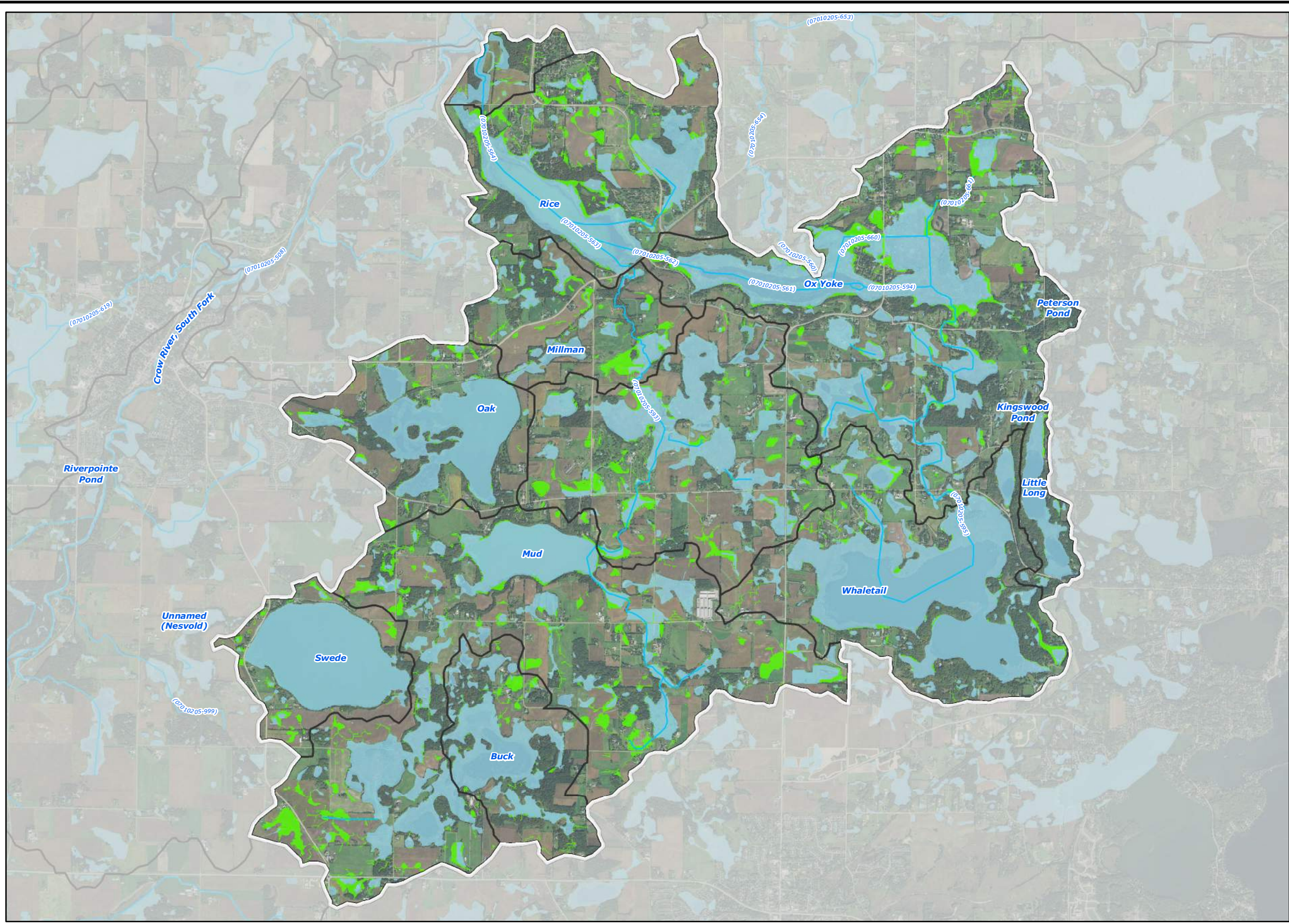







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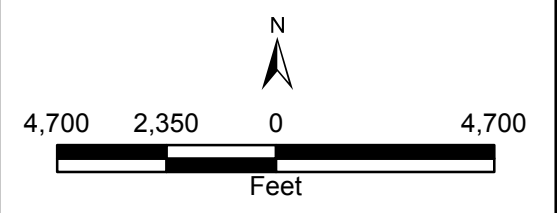
SOUTH FORK CROW
 Rice Lake Potentially Tile Drained Lands



2016
 RL-5



- ### Legend
-  Restorable Wetland Index Areas (RWI)
 -  National Wetland Inventory
 -  Streams
 -  Subwatershed Boundary
 -  Minor Subwatershed Boundary

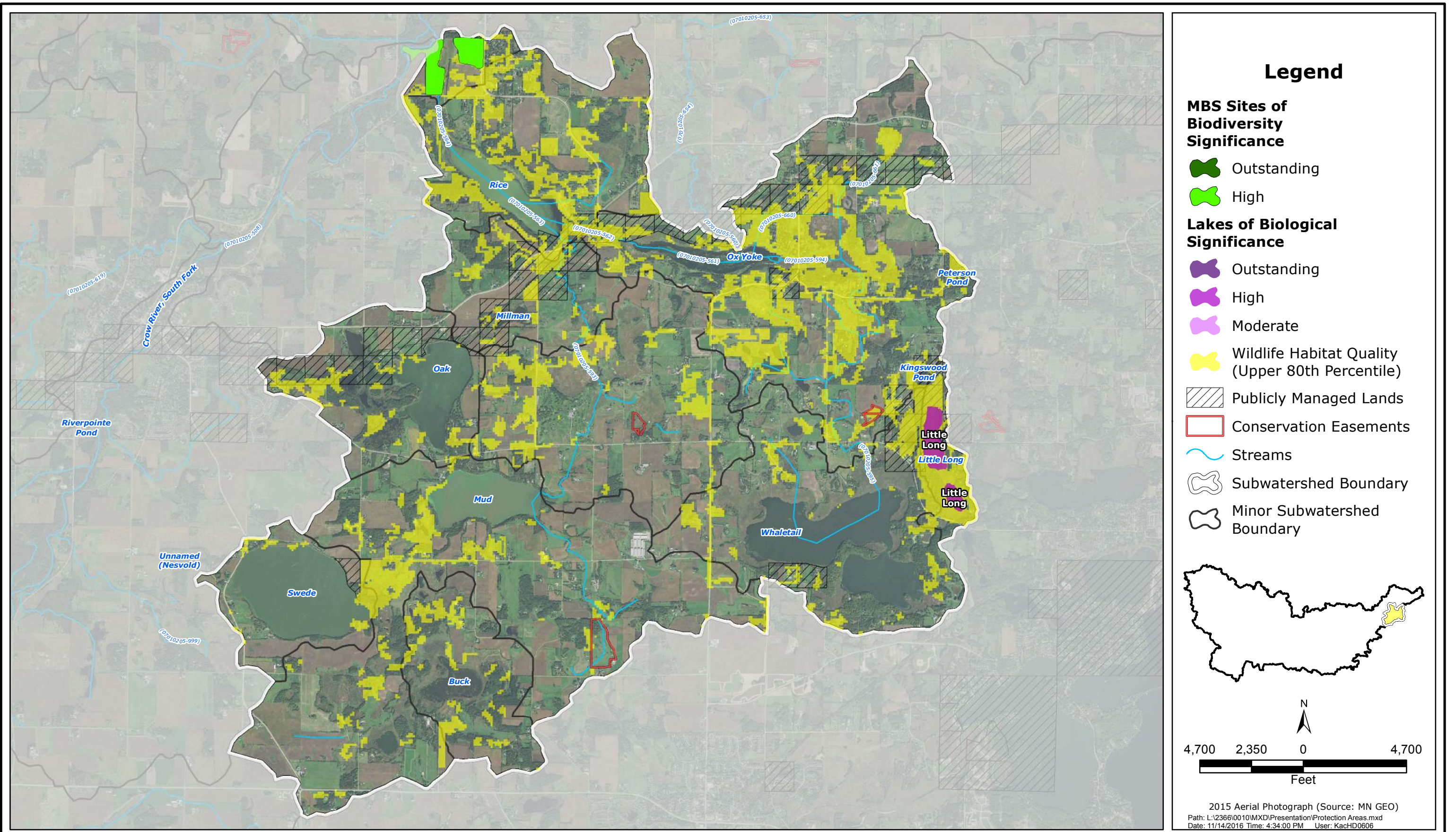


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SOUTH FORK CROW
 Wakanda Lake Restorable Wetland Index Areas



2016
 RL-6



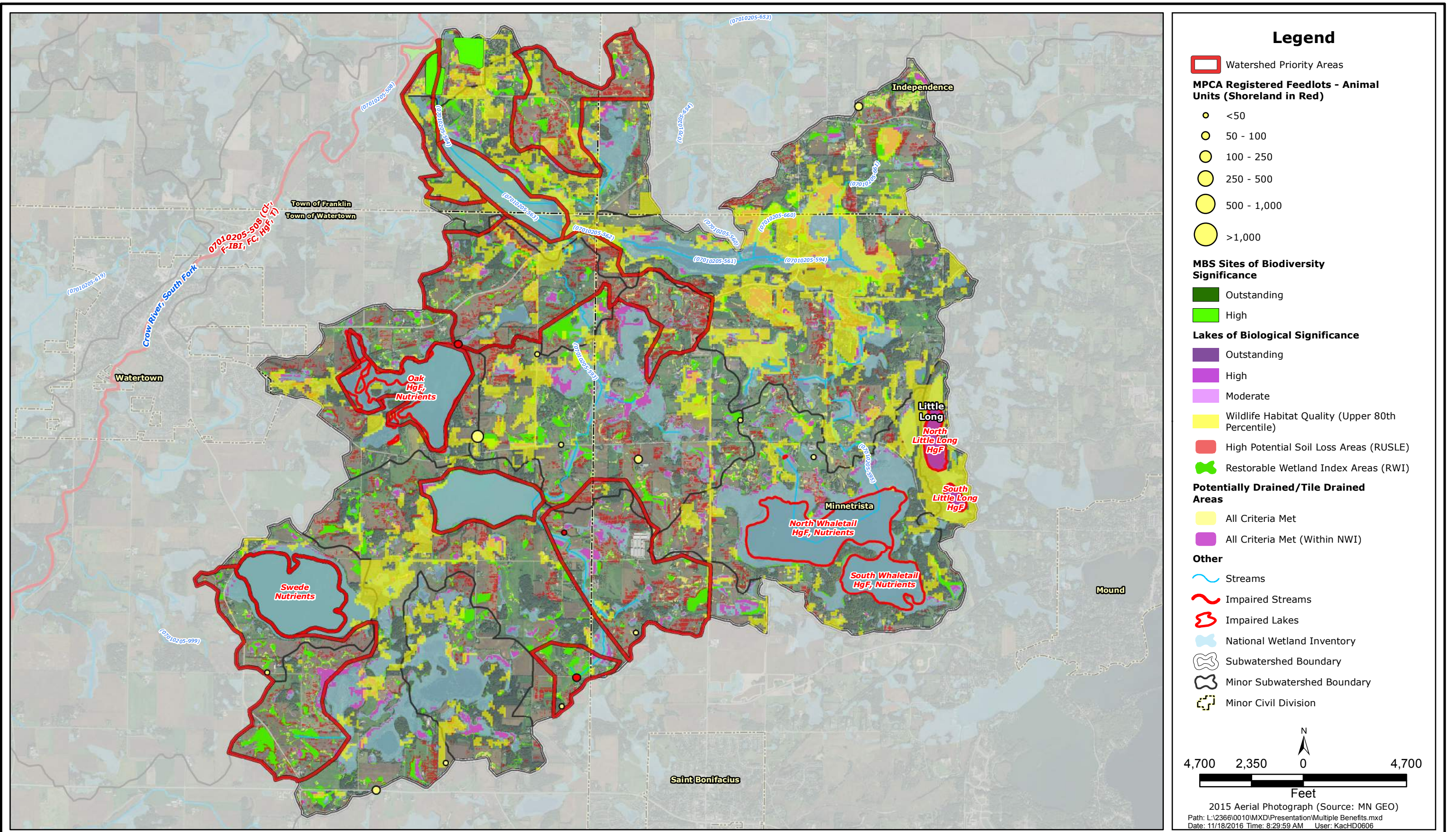
SOUTH FORK CROW

Rice Lake Areas of Biological Significance Map



2016

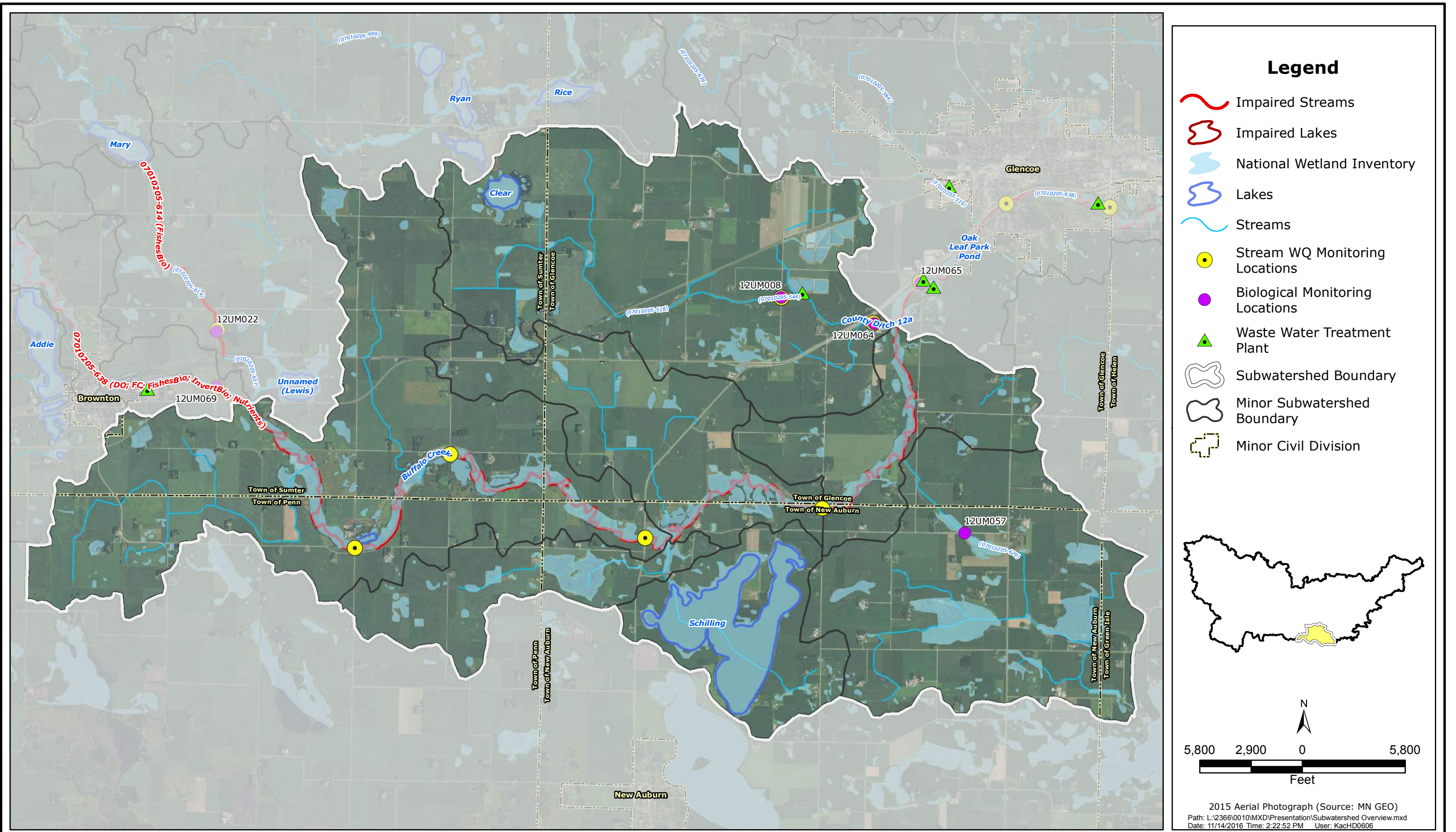
RL-7



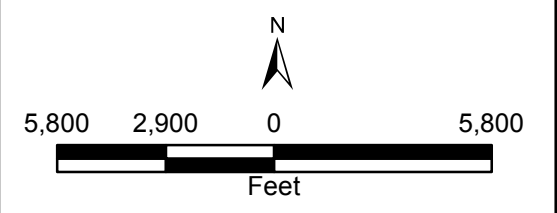
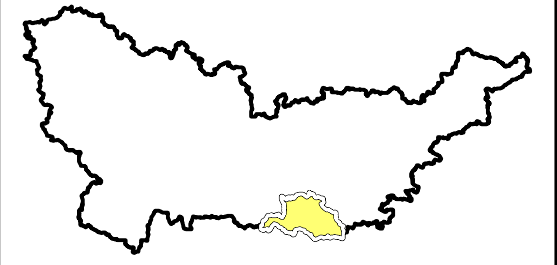
SOUTH FORK CROW
 Rice Lake Benefited Areas



2016
 RL-8



- ### Legend
- Impaired Streams
 - Impaired Lakes
 - National Wetland Inventory
 - Lakes
 - Streams
 - Stream WQ Monitoring Locations
 - Biological Monitoring Locations
 - Waste Water Treatment Plant
 - Subwatershed Boundary
 - Minor Subwatershed Boundary
 - Minor Civil Division

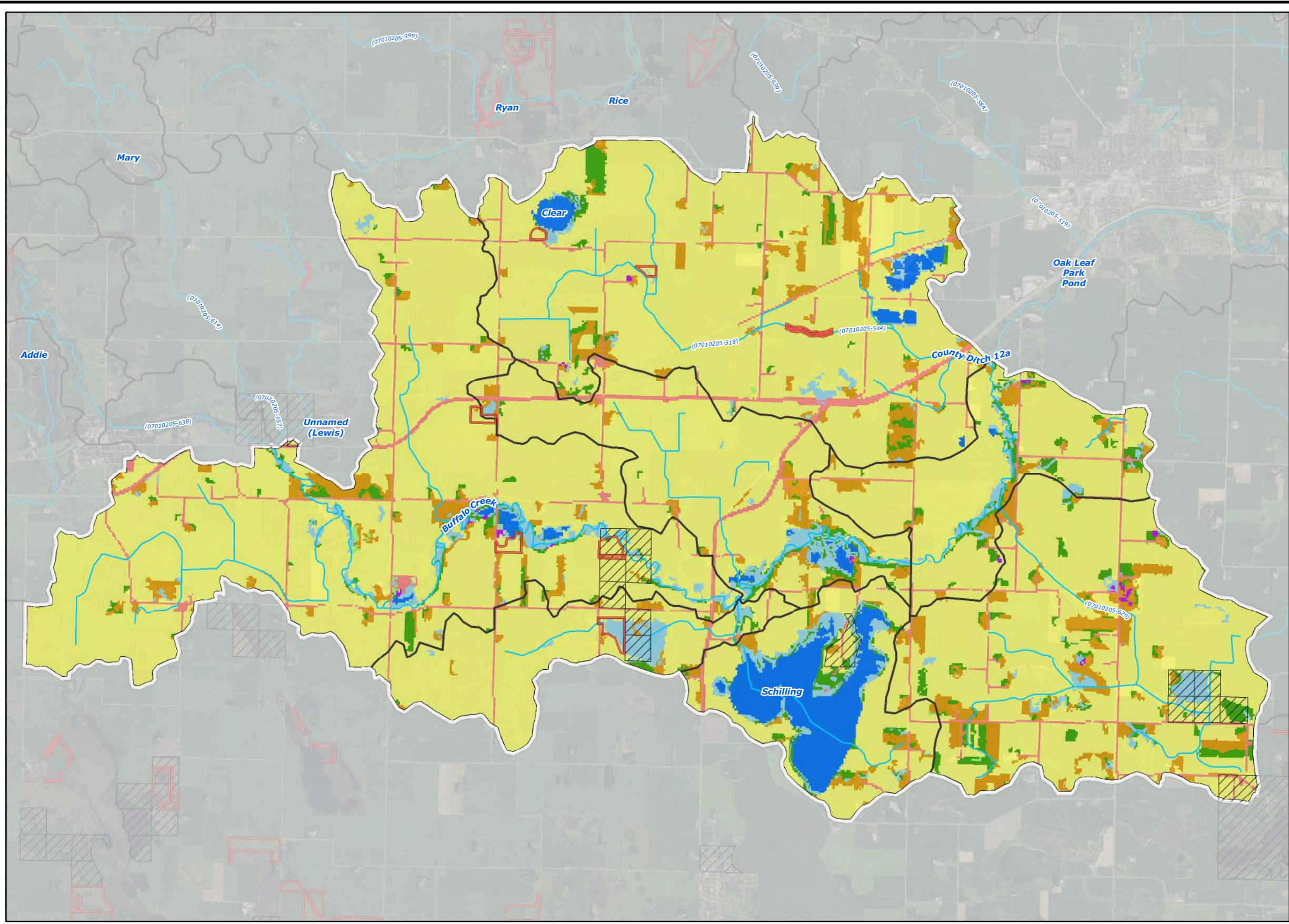


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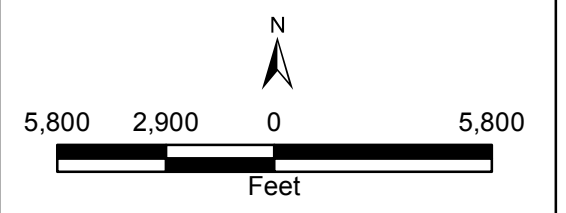
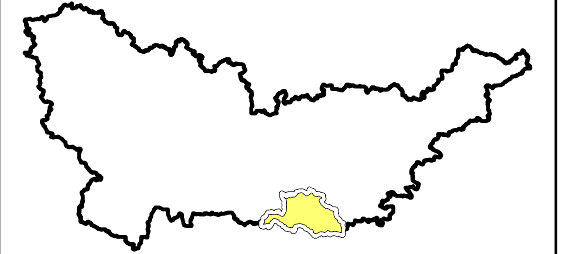
SOUTH FORK CROW
 Schilling Lake-Buffalo Creek Overview Map



2016
 SL-BC-1



- ### Legend
- 2006 National Land Cover Dataset**
- Wetlands
 - Barren Land (Rock/Sand/Clay)
 - Developed Land
 - Cultivated Crops
 - Forest
 - Grassland/Herbaceous
 - Open Water
 - Pasture/Hay
 - Shrub/Scrub
 - Publicly Managed Lands
 - Conservation Easements
 - ~ Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary

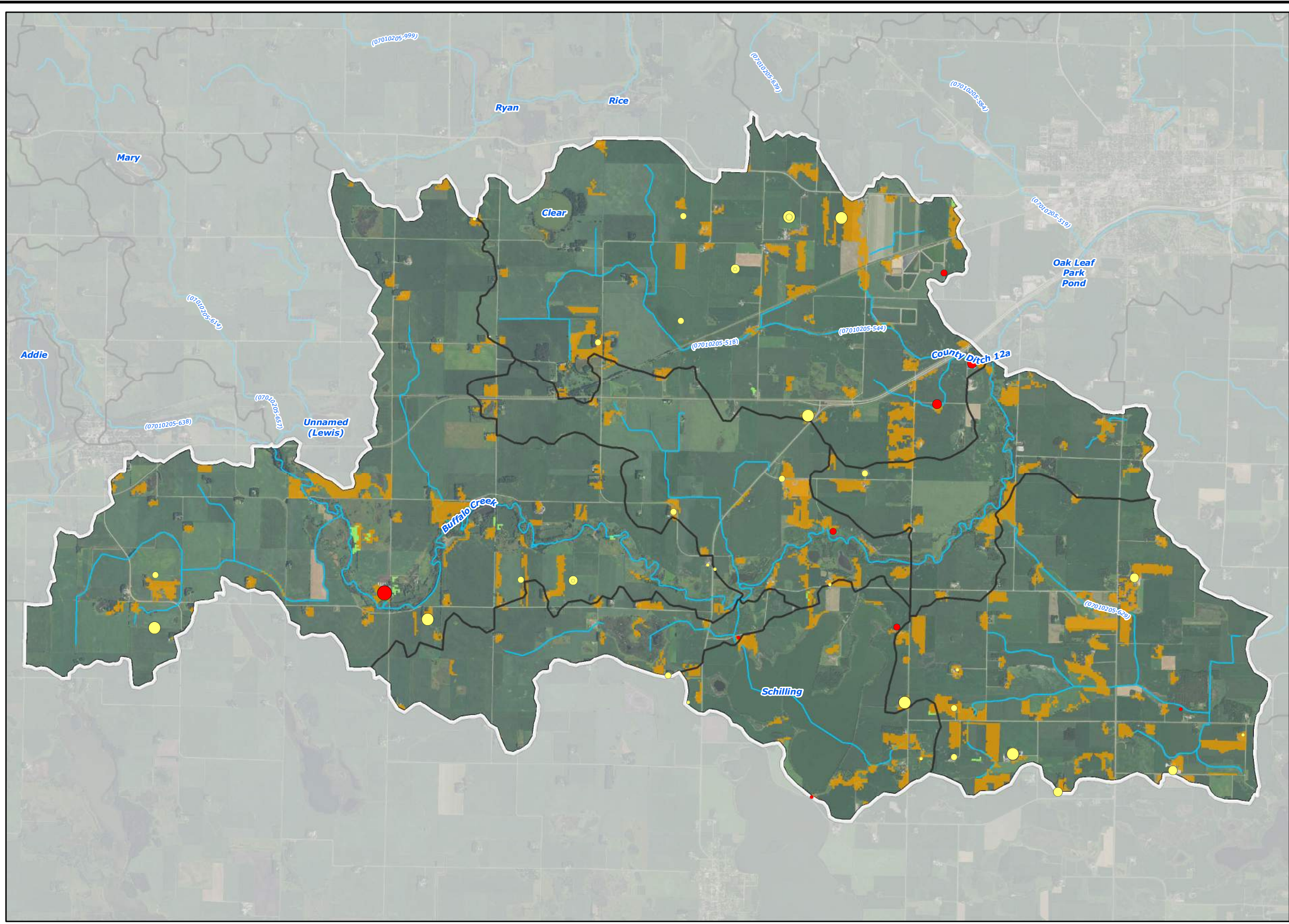


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SOUTH FORK CROW
 Schilling Lake-Buffalo Creek Land Cover Map



2016
 SL-BC-2



Legend

MPCA Feedlots - Animal Units (shoredland in red)

- <50
- 50 - 100
- 100 - 250
- 250 - 500
- 500 - 1,000
- >1,000

2006 National Land Cover Dataset

- Grassland/Herbaceous
- Pasture/Hay
- Subwatershed Boundary
- Minor Subwatershed Boundary
- Streams

N

5,800 2,900 0 5,800

Feet

2015 Aerial Photograph (Source: MN GEO)
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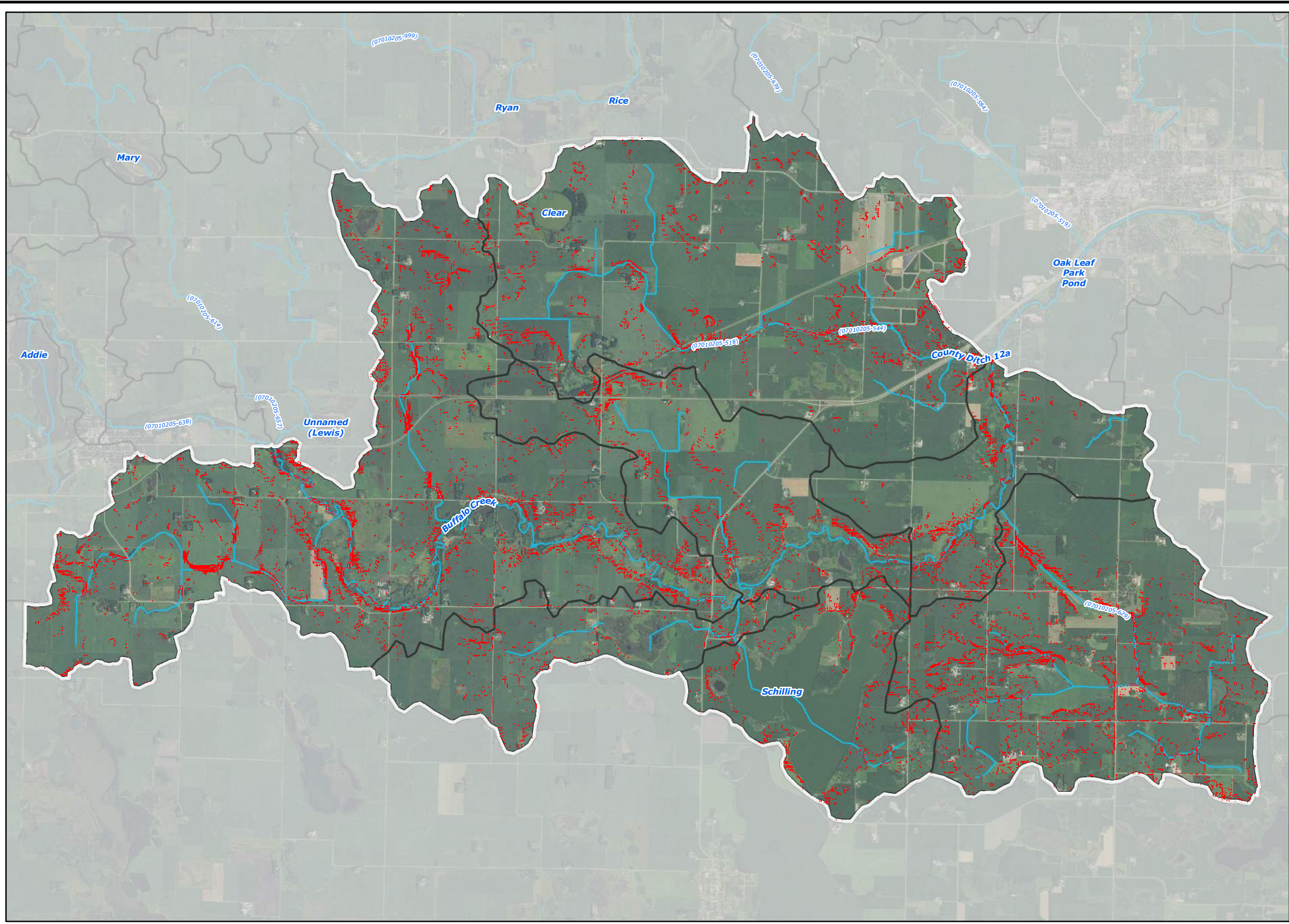
SOUTH FORK CROW

Schilling Lake-Bufallo Creek Registered Feedlots

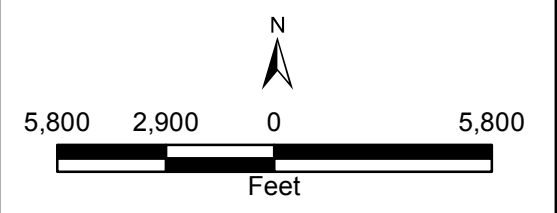
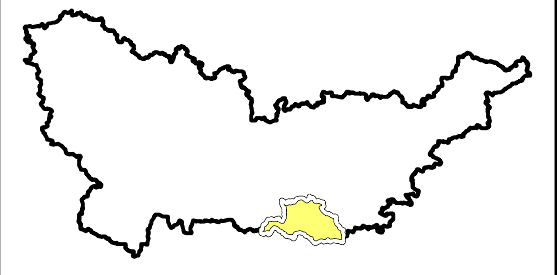
Responsive partner. Exceptional outcomes.

2016

SL-BC-3



- ### Legend
- High Potential Soil Loss Areas (RUSLE)
 - ~ Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary



2015 Aerial Photograph (Source: MN GEO)
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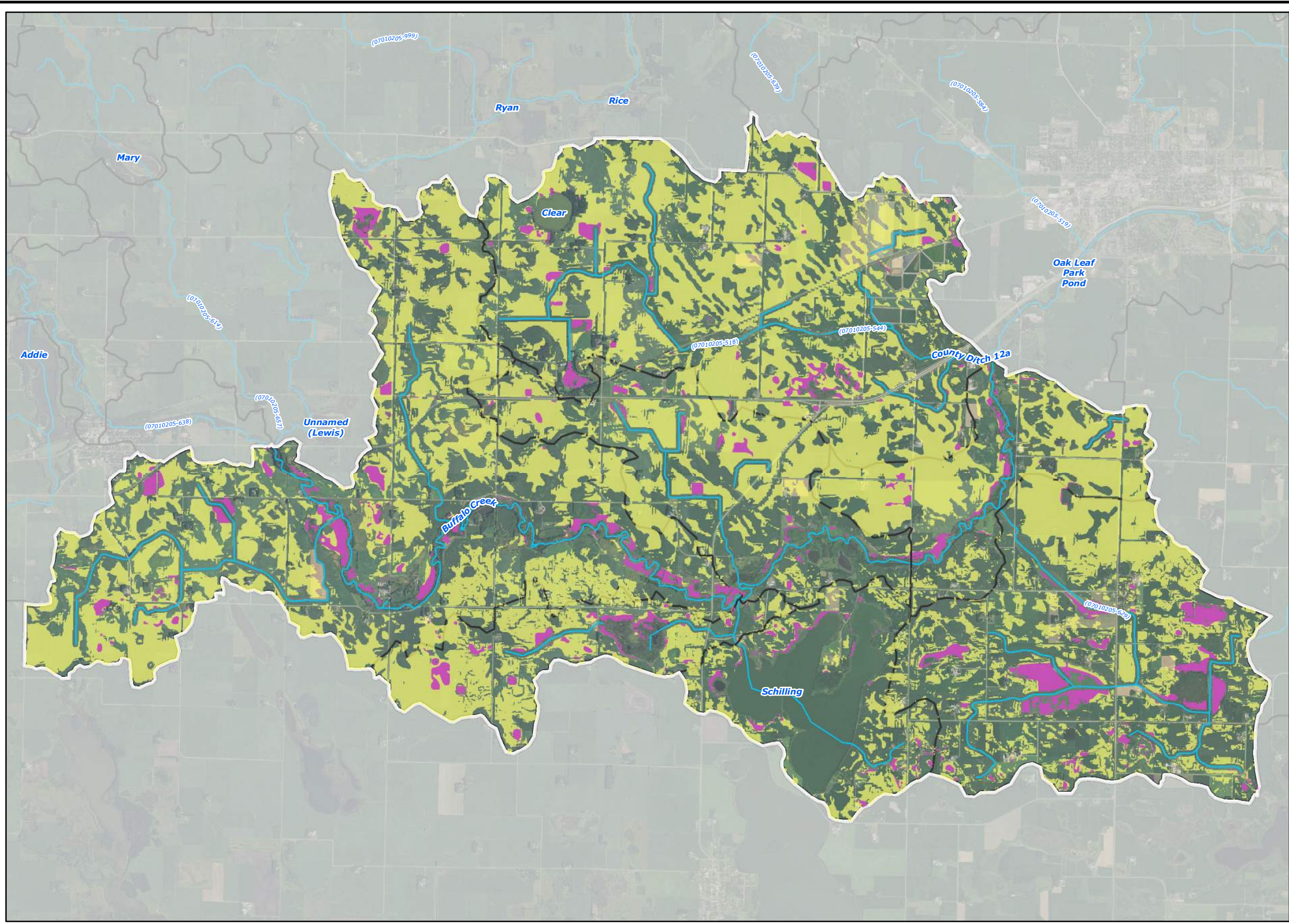
SOUTH FORK CROW

Schilling Lake-Bufallo Creek High Potential Soil Loss Areas

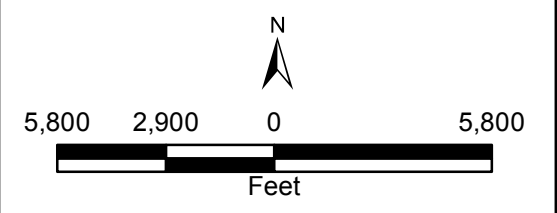
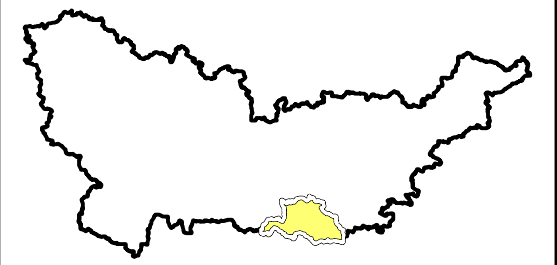


2016

SL-BC-4



- ### Legend
- Potentially Drained/Tile Drained Areas**
- All Criteria Met
 - All Criteria Met (Within NWI)
 - Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary



2015 Aerial Photograph (Source: MN GEO)
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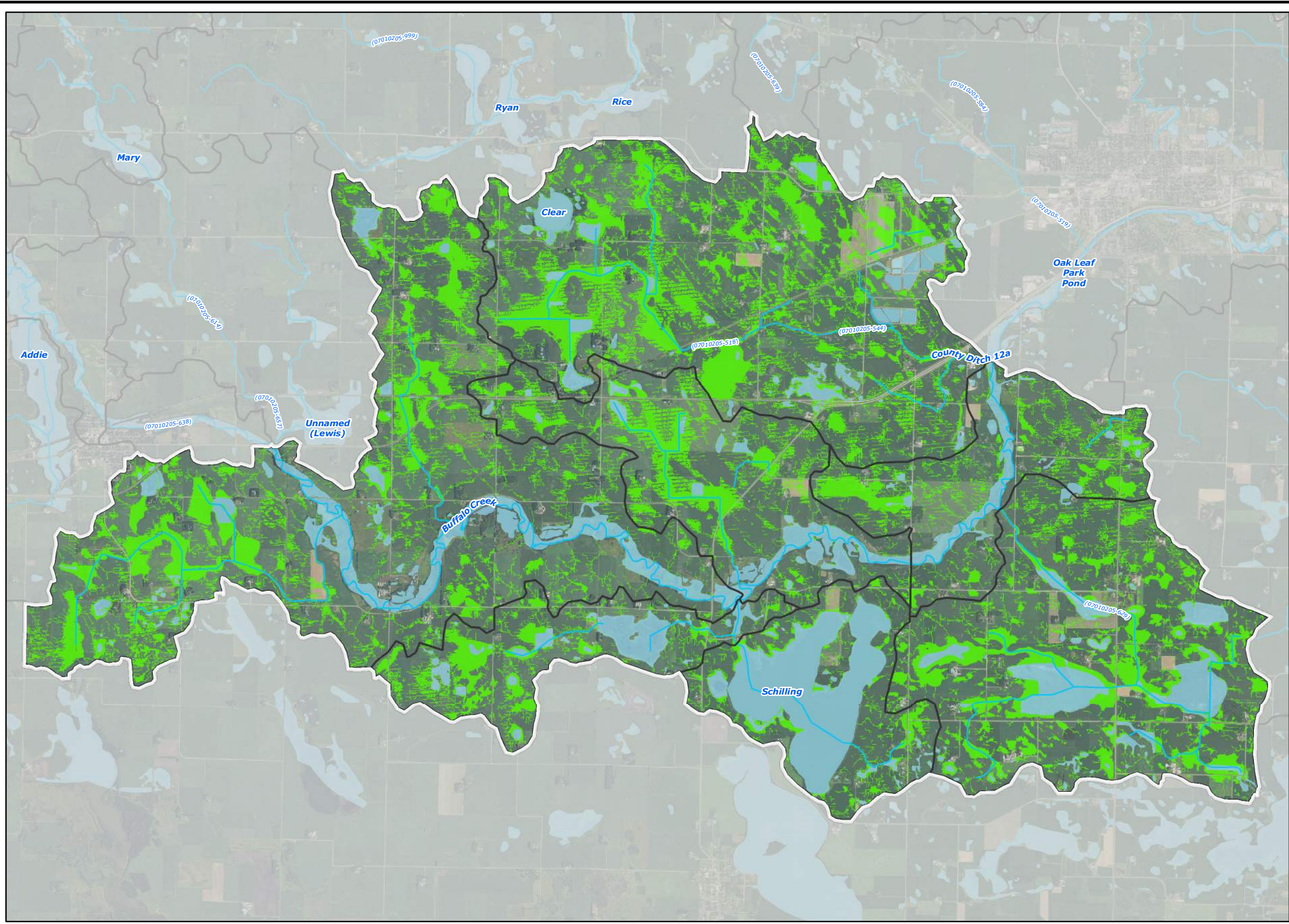
SOUTH FORK CROW






Schilling Lake-Buffalo Creek Potentially Tile Drained Lands

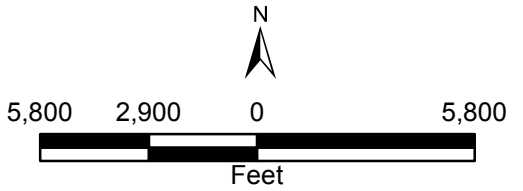
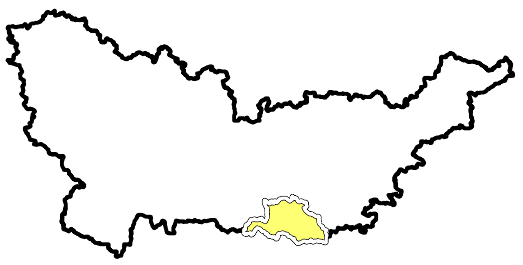


2016

SL-BC-5



- ### Legend
-  Restorable Wetland Index Areas (RWI)
 -  National Wetland Inventory
 -  Streams
 -  Subwatershed Boundary
 -  Minor Subwatershed Boundary

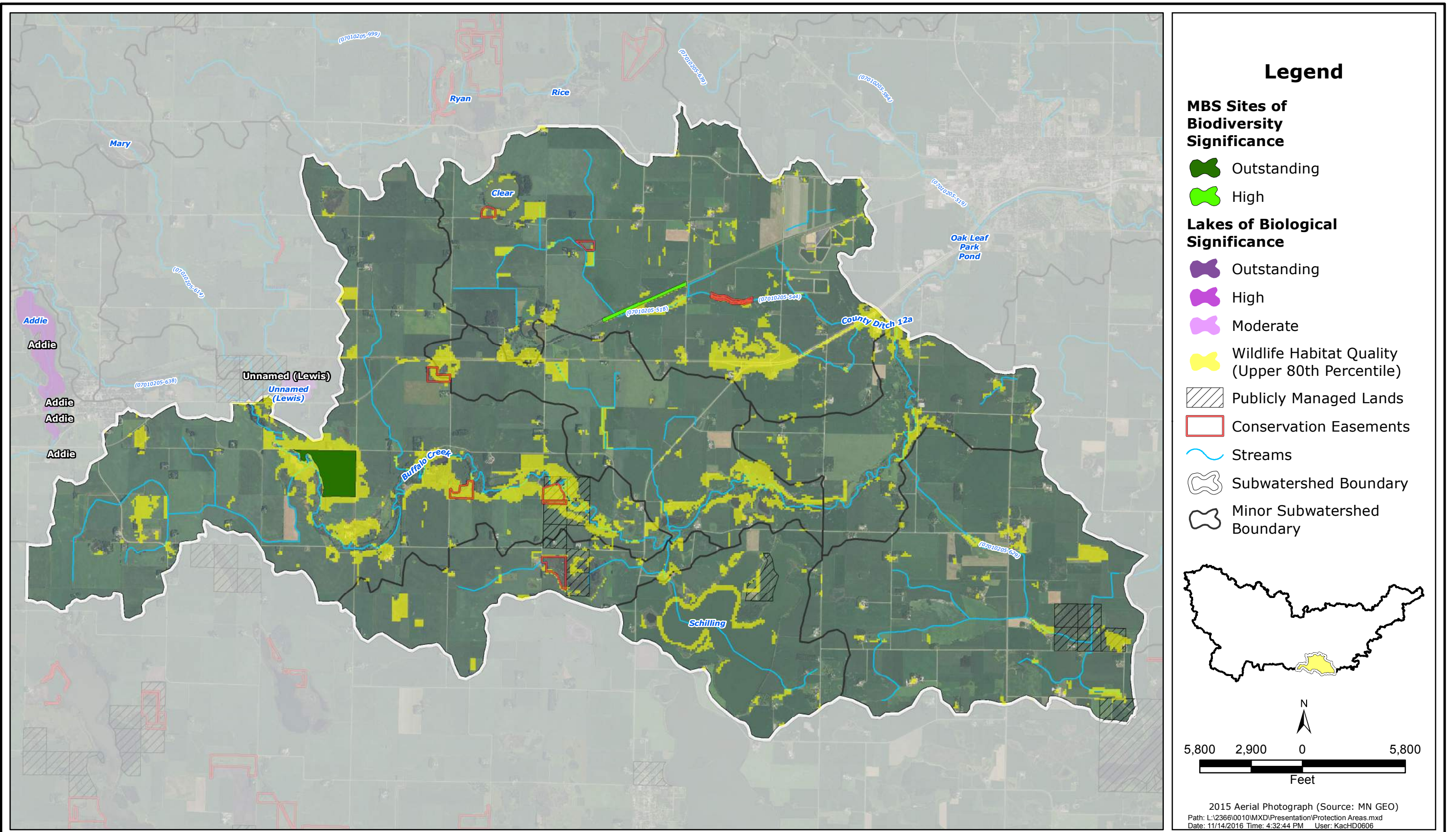


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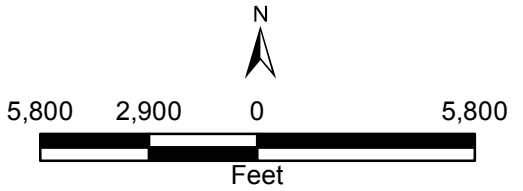
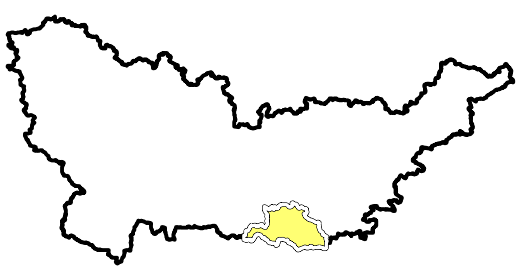
SOUTH FORK CROW
 Wakanda Lake Restorable Wetland Index Areas



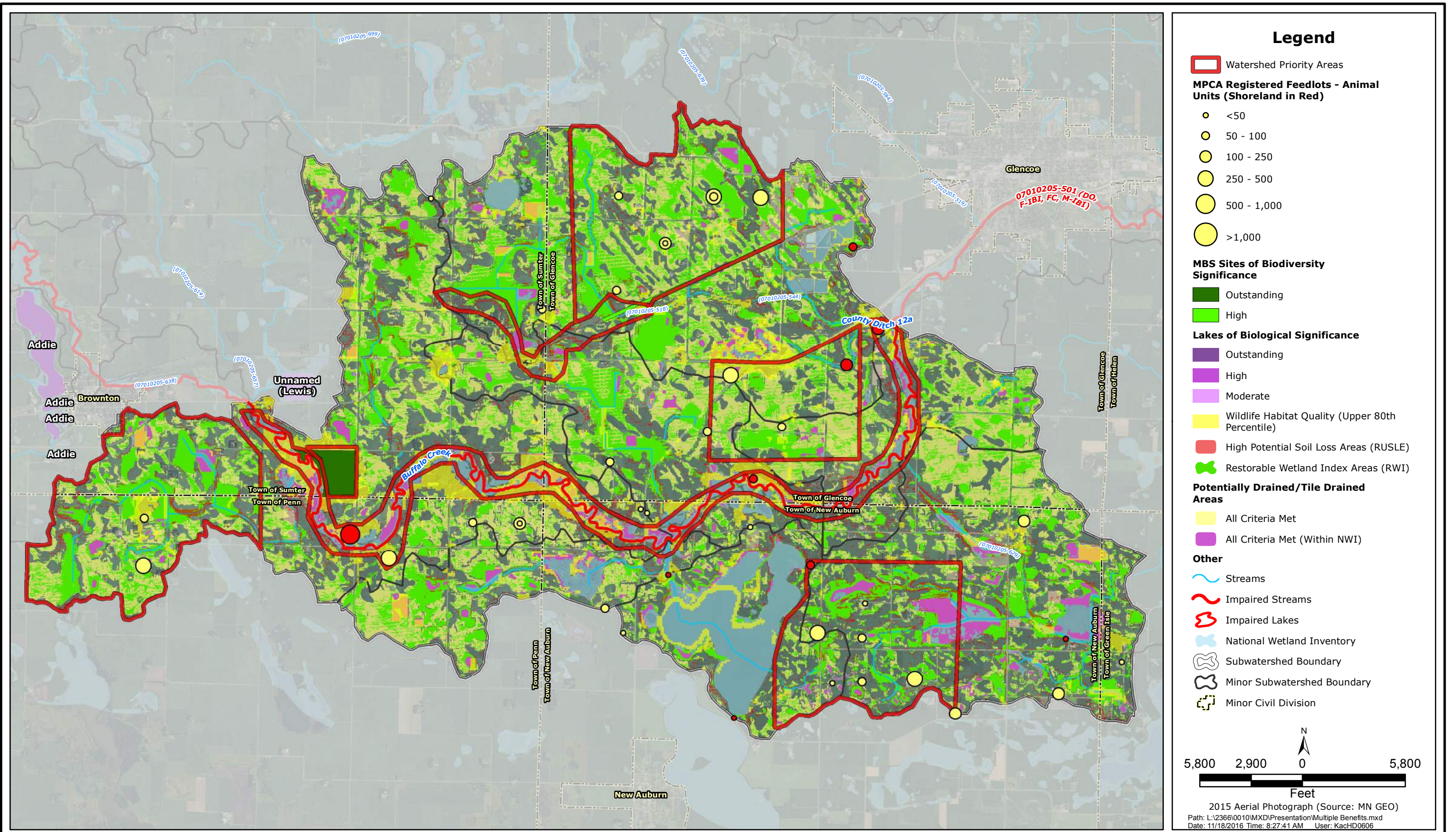
2016
 SL-BC-6



- ### Legend
- MBS Sites of Biodiversity Significance**
- Outstanding
 - High
- Lakes of Biological Significance**
- Outstanding
 - High
 - Moderate
 - Wildlife Habitat Quality (Upper 80th Percentile)
- Publicly Managed Lands
 - Conservation Easements
 - ~ Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary



2015 Aerial Photograph (Source: MN GEO)
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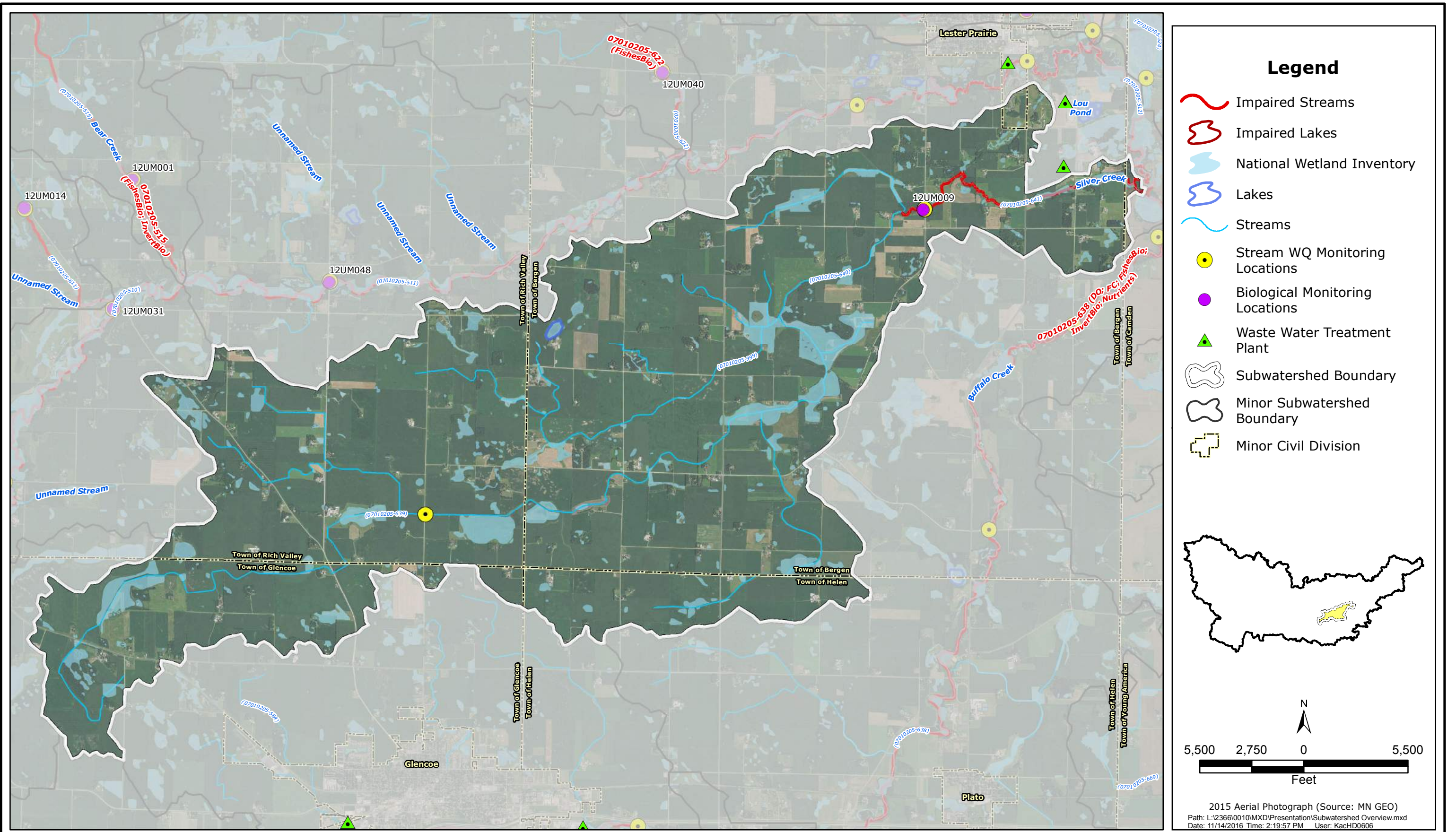
SOUTH FORK CROW

Schilling Lake-Bufallo Creek Benefited Areas



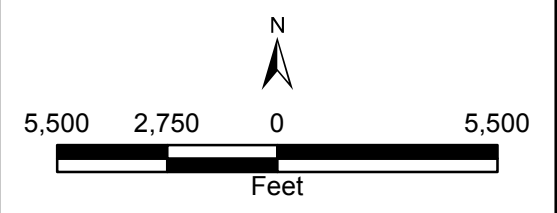
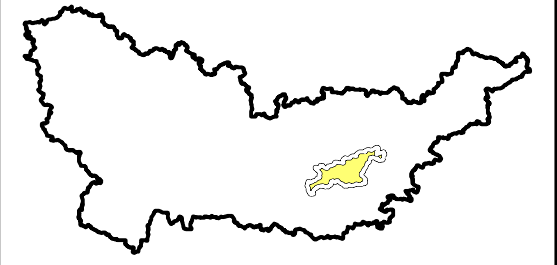
2016

SL-BC-8



Legend

- Impaired Streams
- Impaired Lakes
- National Wetland Inventory
- Lakes
- Streams
- Stream WQ Monitoring Locations
- Biological Monitoring Locations
- Waste Water Treatment Plant
- Subwatershed Boundary
- Minor Subwatershed Boundary
- Minor Civil Division

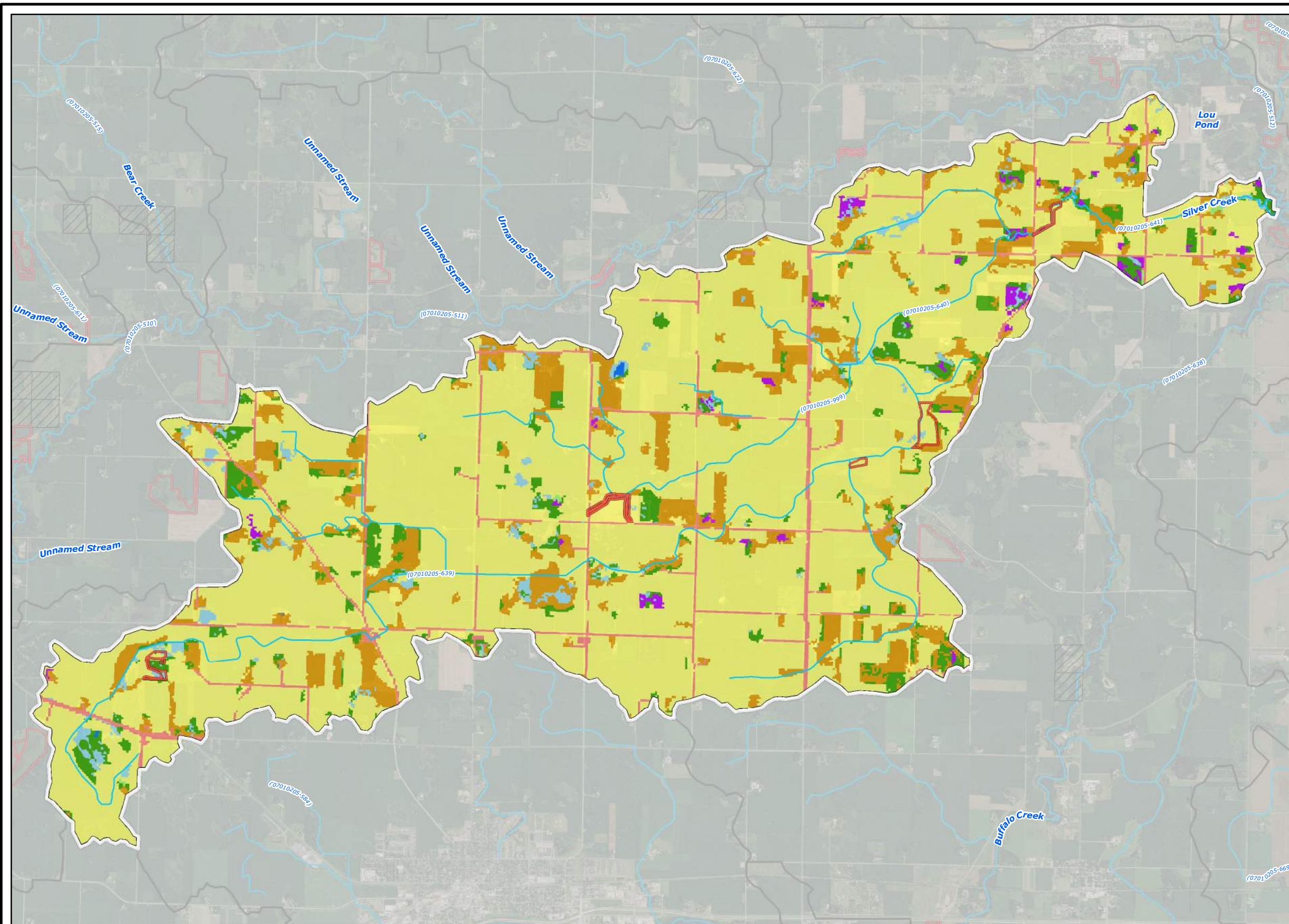


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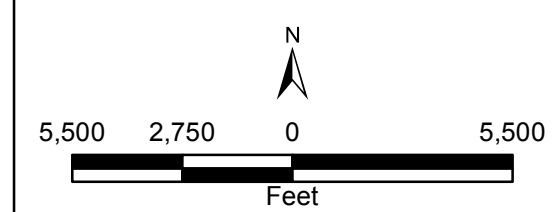
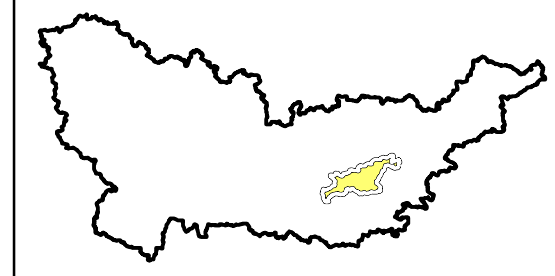
SOUTH FORK CROW
 Silver Creek Overview Map



2016
 SC-1



- ### Legend
- 2006 National Land Cover Dataset**
- Wetlands
 - Barren Land (Rock/Sand/Clay)
 - Developed Land
 - Cultivated Crops
 - Forest
 - Grassland/Herbaceous
 - Open Water
 - Pasture/Hay
 - Shrub/Scrub
 - Publicly Managed Lands
 - Conservation Easements
 - Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary

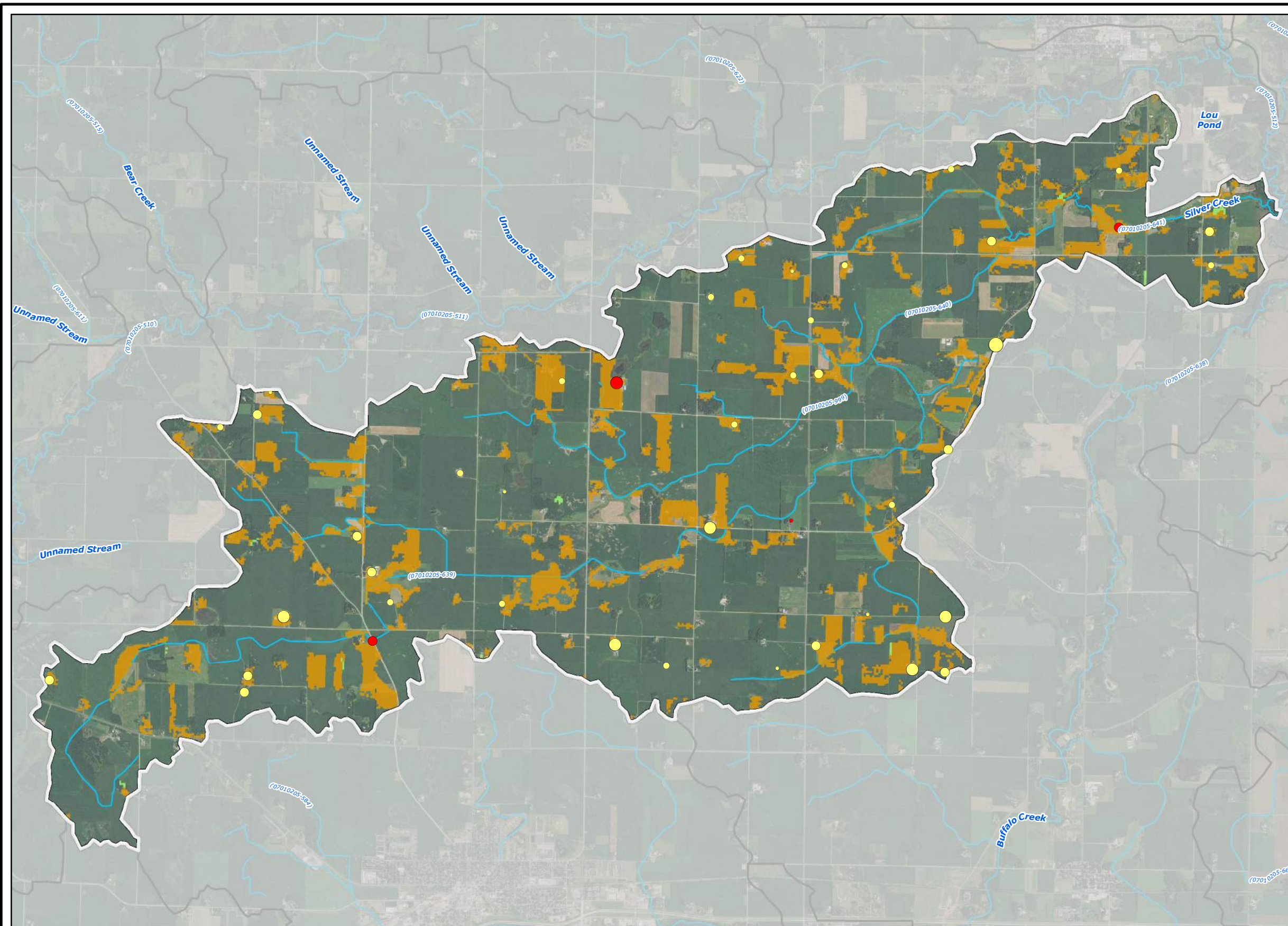


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 Date: 11/18/2016 Time: 8:45:55 AM User: KacHD0606

SOUTH FORK CROW
 Silver Creek Land Cover Map



2016
 SC-2



Legend

MPCA Feedlots - Animal Units (shoreland in red)

- <50
- 50 - 100
- 100 - 250
- 250 - 500
- 500 - 1,000
- >1,000

2006 National Land Cover Dataset

- Grassland/Herbaceous
- Pasture/Hay
- Subwatershed Boundary
- Minor Subwatershed Boundary
- Streams

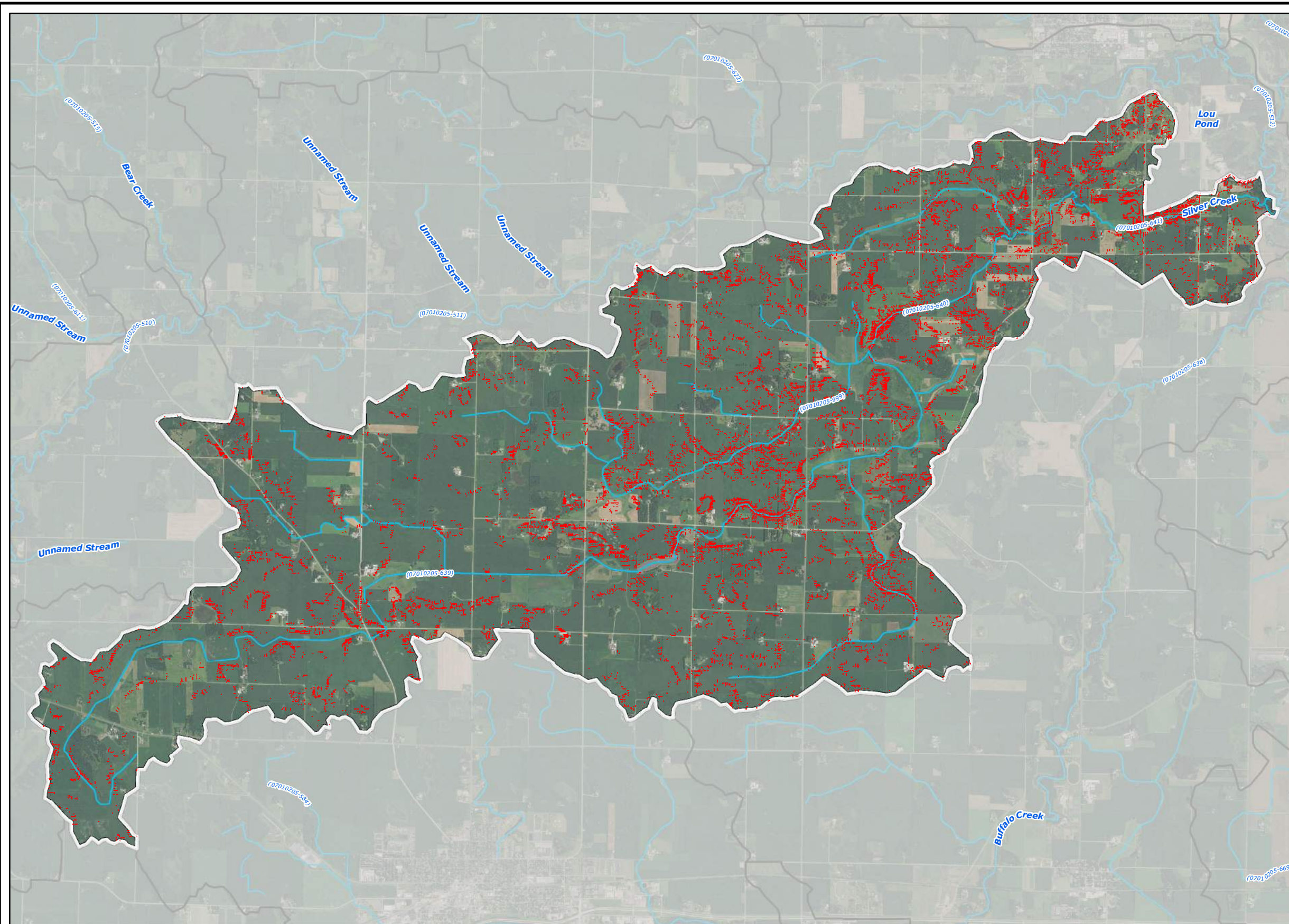
5,500 2,750 0 5,500
Feet

2015 Aerial Photograph (Source: MN GEO)
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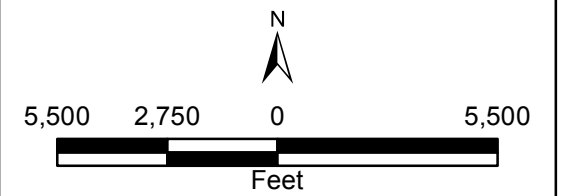
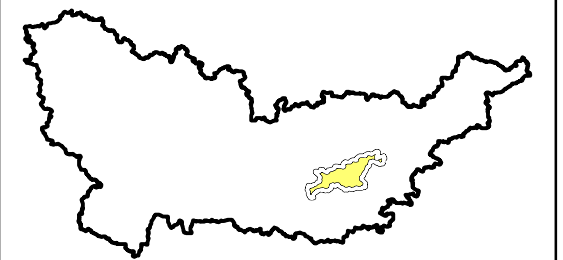
SOUTH FORK CROW
Silver Creek Registered Feedlots



2016
SC-3



- ### Legend
- High Potential Soil Loss Areas (RUSLE)
 - Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary



2015 Aerial Photograph (Source: MN GEO)
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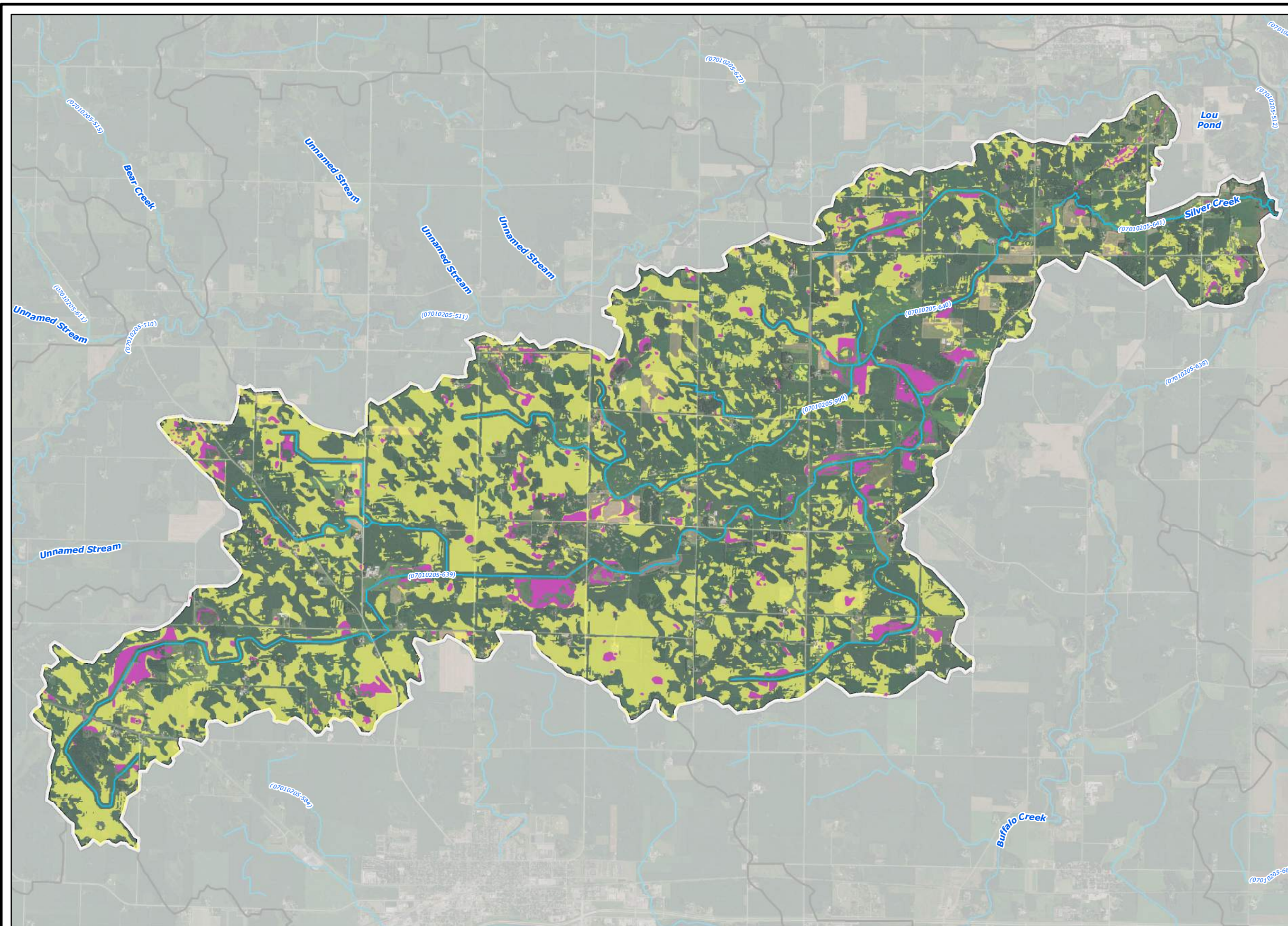
SOUTH FORK CROW

Silver Creek High Potential Soil Loss Areas

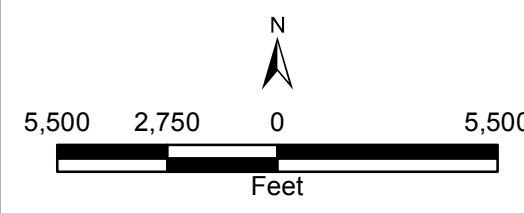
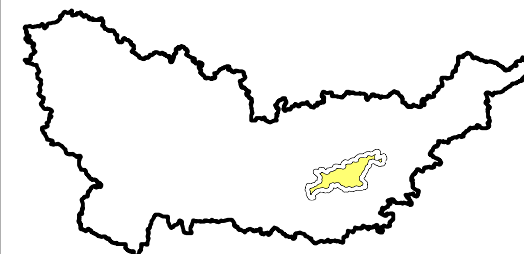


2016

SC-4



- ### Legend
- Potentially Drained/Tile Drained Areas**
- All Criteria Met
 - All Criteria Met (Within NWI)
 - Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary

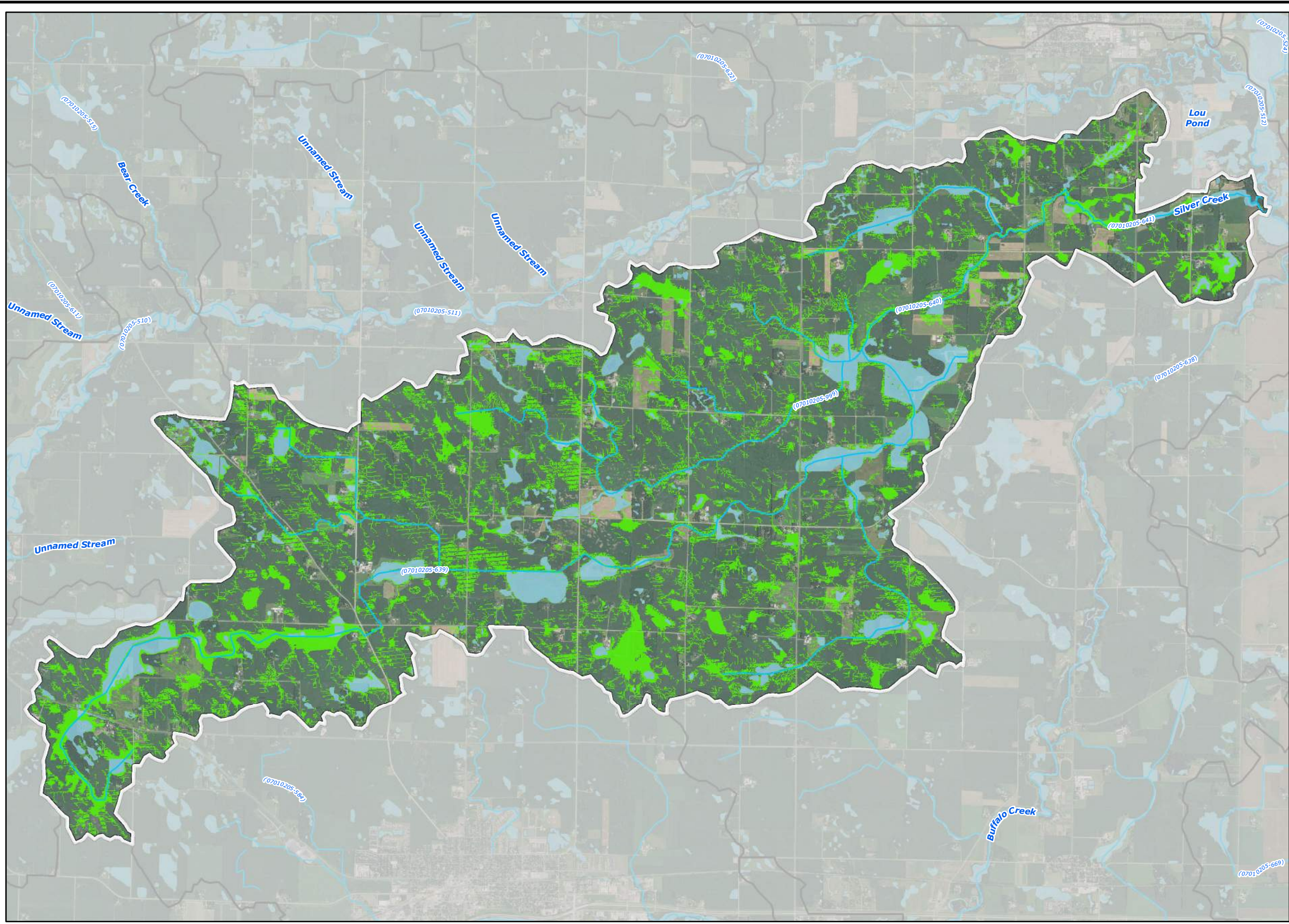







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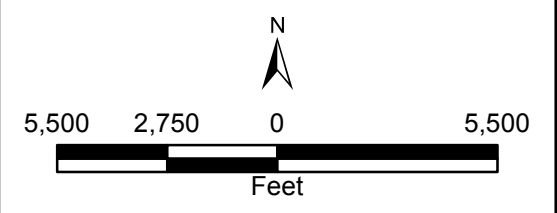
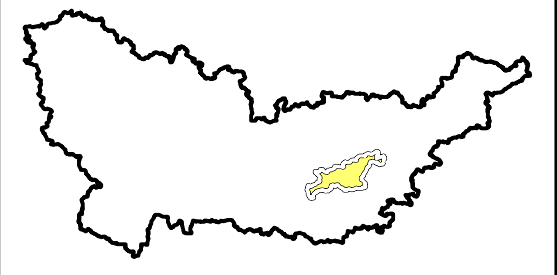
SOUTH FORK CROW
 Silver Creek Potentially Tile Drained Lands



2016
 SC-5



- ### Legend
-  Restorable Wetland Index Areas (RWI)
 -  National Wetland Inventory
 -  Streams
 -  Subwatershed Boundary
 -  Minor Subwatershed Boundary

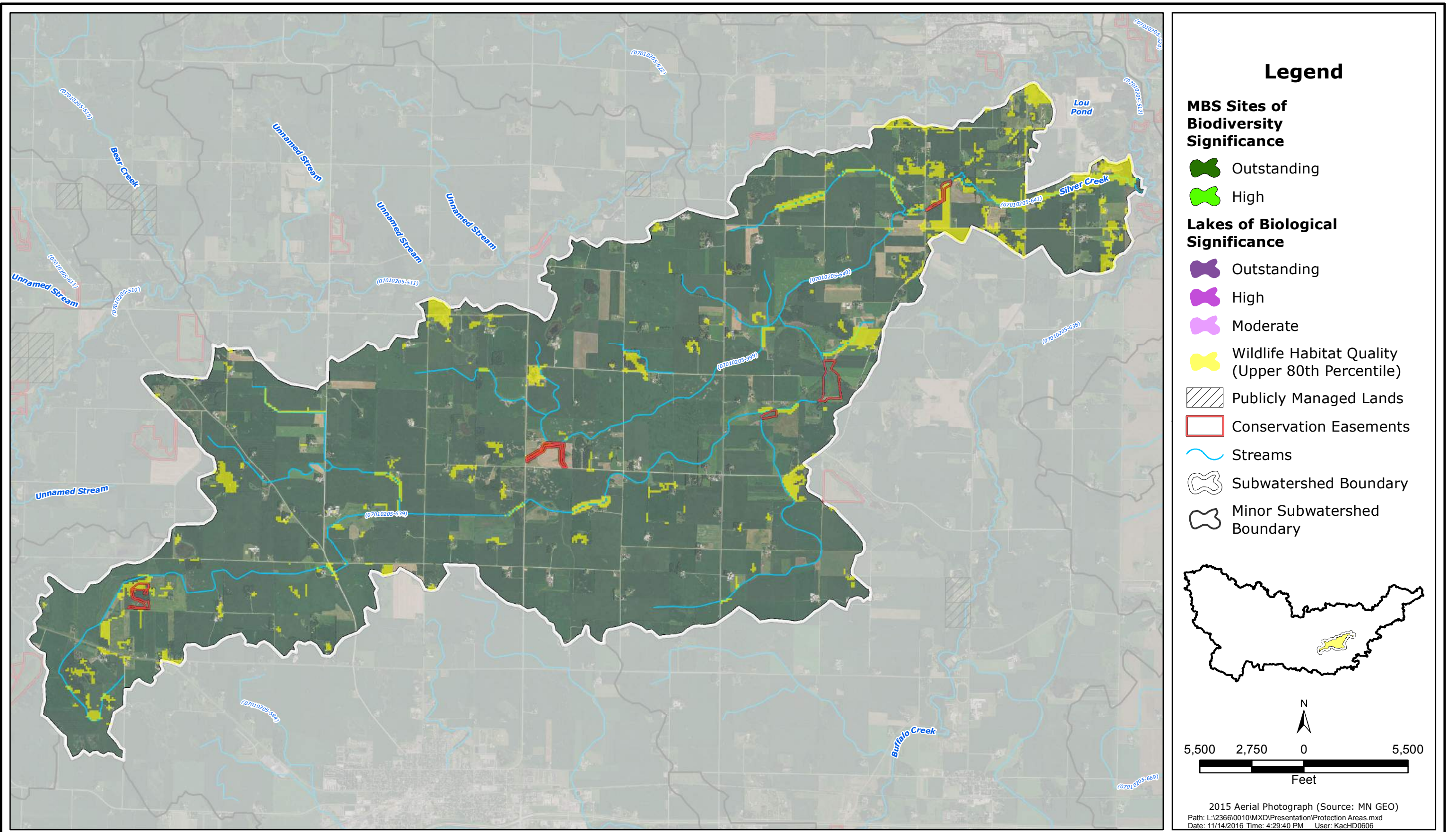


2015 Aerial Photograph (Source: MN GEO)
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 Date: 11/14/2016 Time: 2:32:29 PM User: KacHD0606

SOUTH FORK CROW
 Wakanda Lake Restorable Wetland Index Areas



2016
 SC-6



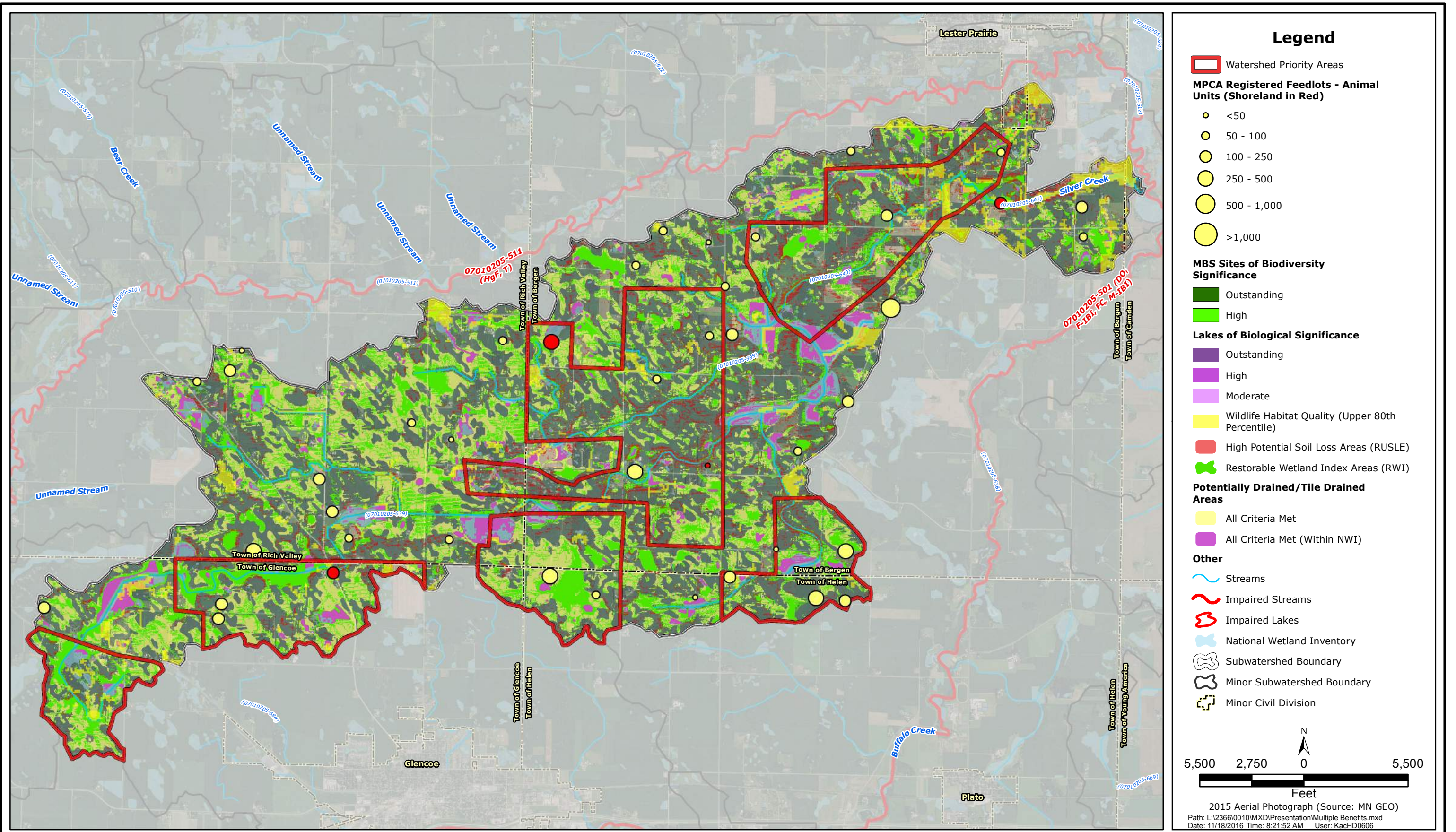
SOUTH FORK CROW

Silver Creek Areas of Biological Significance Map



2016

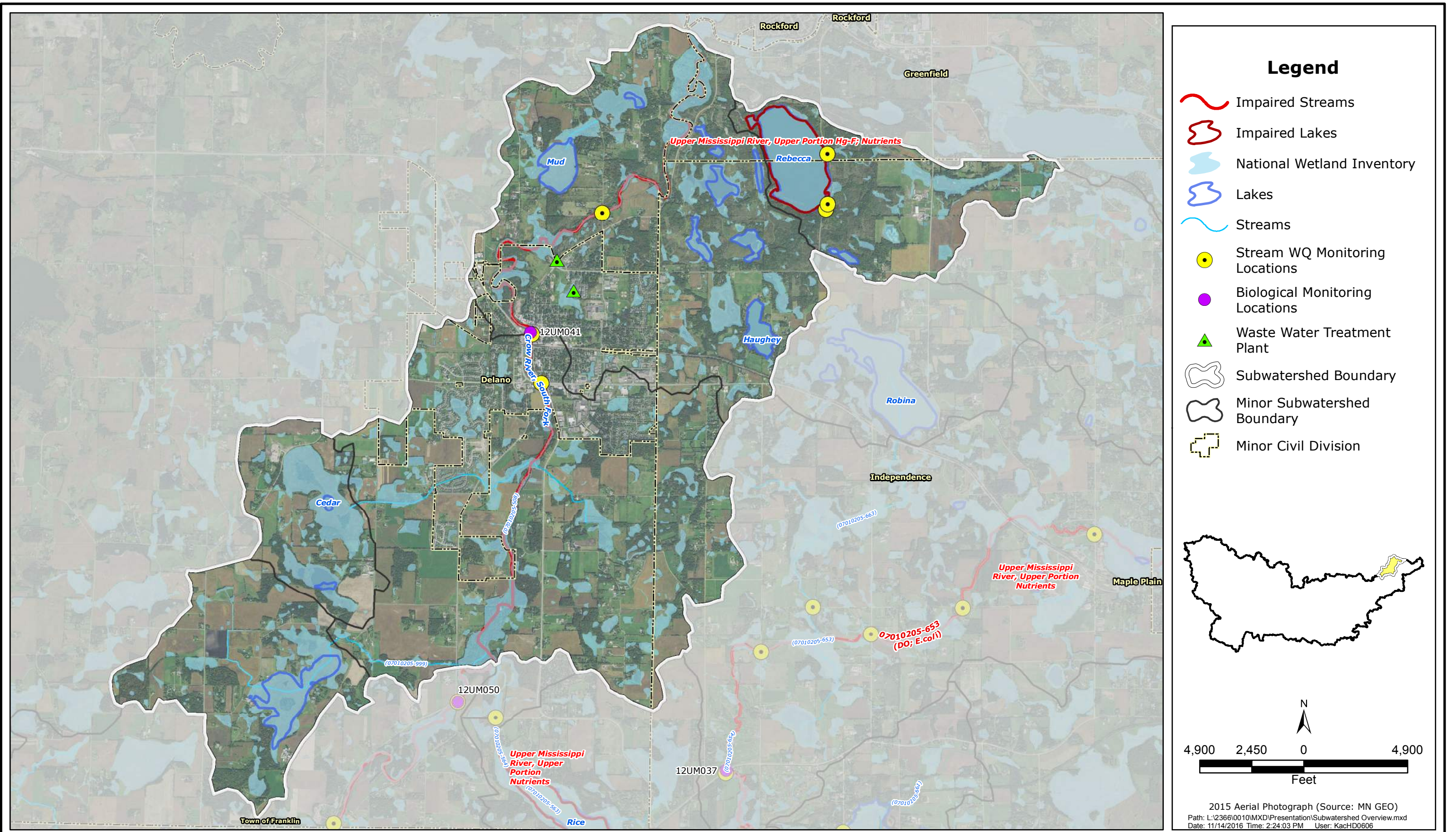
SC-7



SOUTH FORK CROW
Silver Creek Benefited Areas

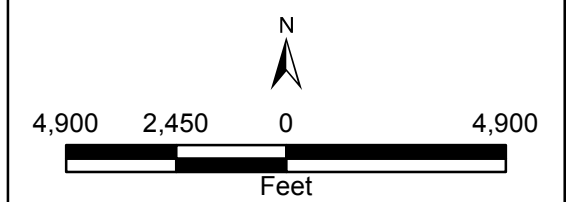


2016
SC-8



Legend

- Impaired Streams
- Impaired Lakes
- National Wetland Inventory
- Lakes
- Streams
- Stream WQ Monitoring Locations
- Biological Monitoring Locations
- Waste Water Treatment Plant
- Subwatershed Boundary
- Minor Subwatershed Boundary
- Minor Civil Division



2015 Aerial Photograph (Source: MN GEO)
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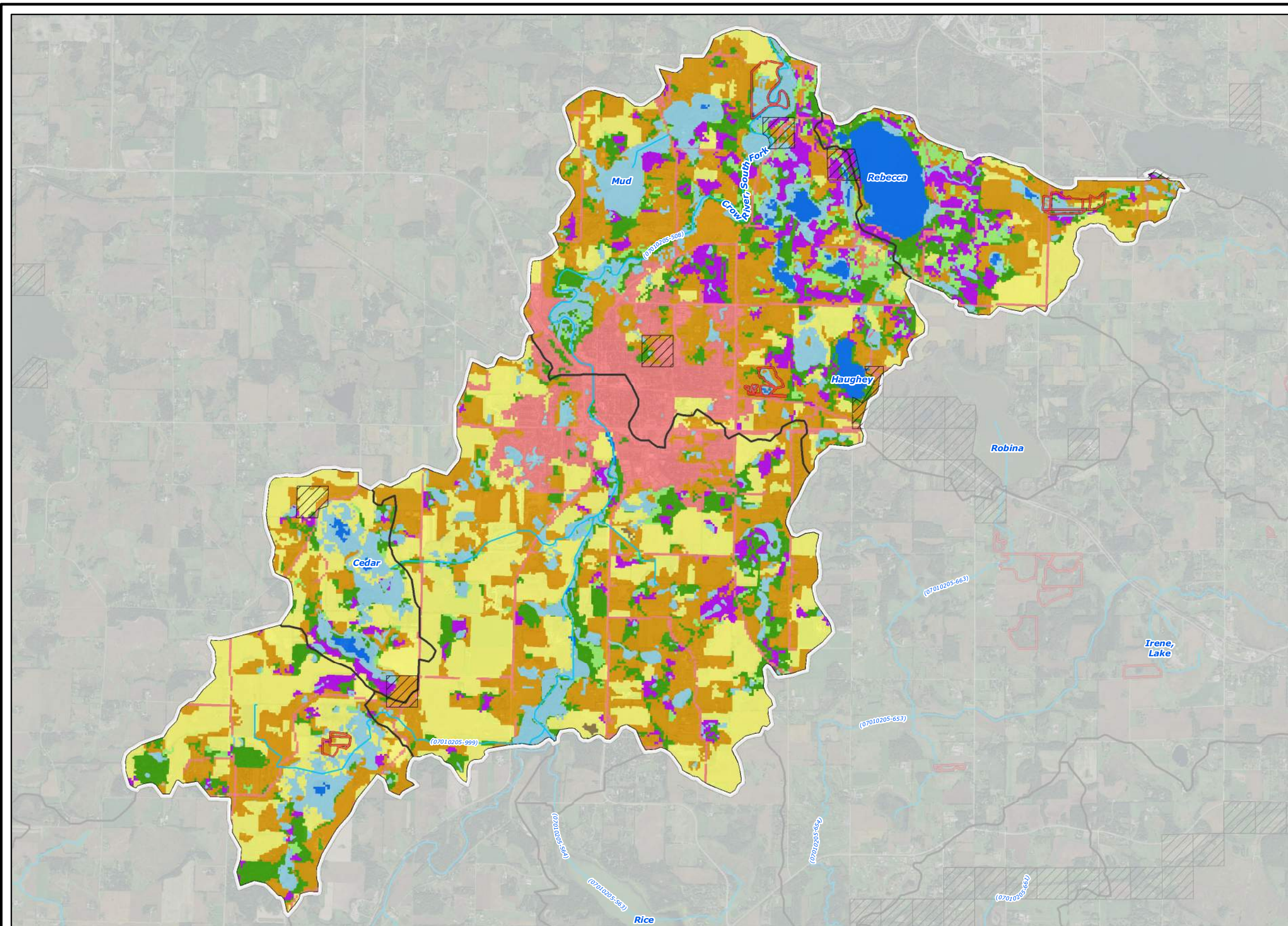
SOUTH FORK CROW

South Fork Crow River Overview Map

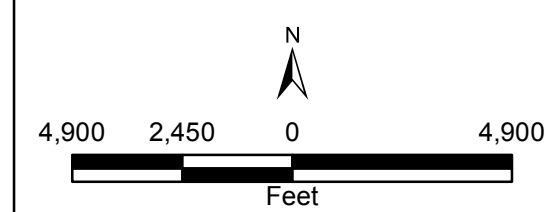


2016

SFCR-1



- ### Legend
- 2006 National Land Cover Dataset**
- Wetlands
 - Barren Land (Rock/Sand/Clay)
 - Developed Land
 - Cultivated Crops
 - Forest
 - Grassland/Herbaceous
 - Open Water
 - Pasture/Hay
 - Shrub/Scrub
 - Publicly Managed Lands
 - Conservation Easements
 - Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary



2015 Aerial Photograph (Source: MN GEO)
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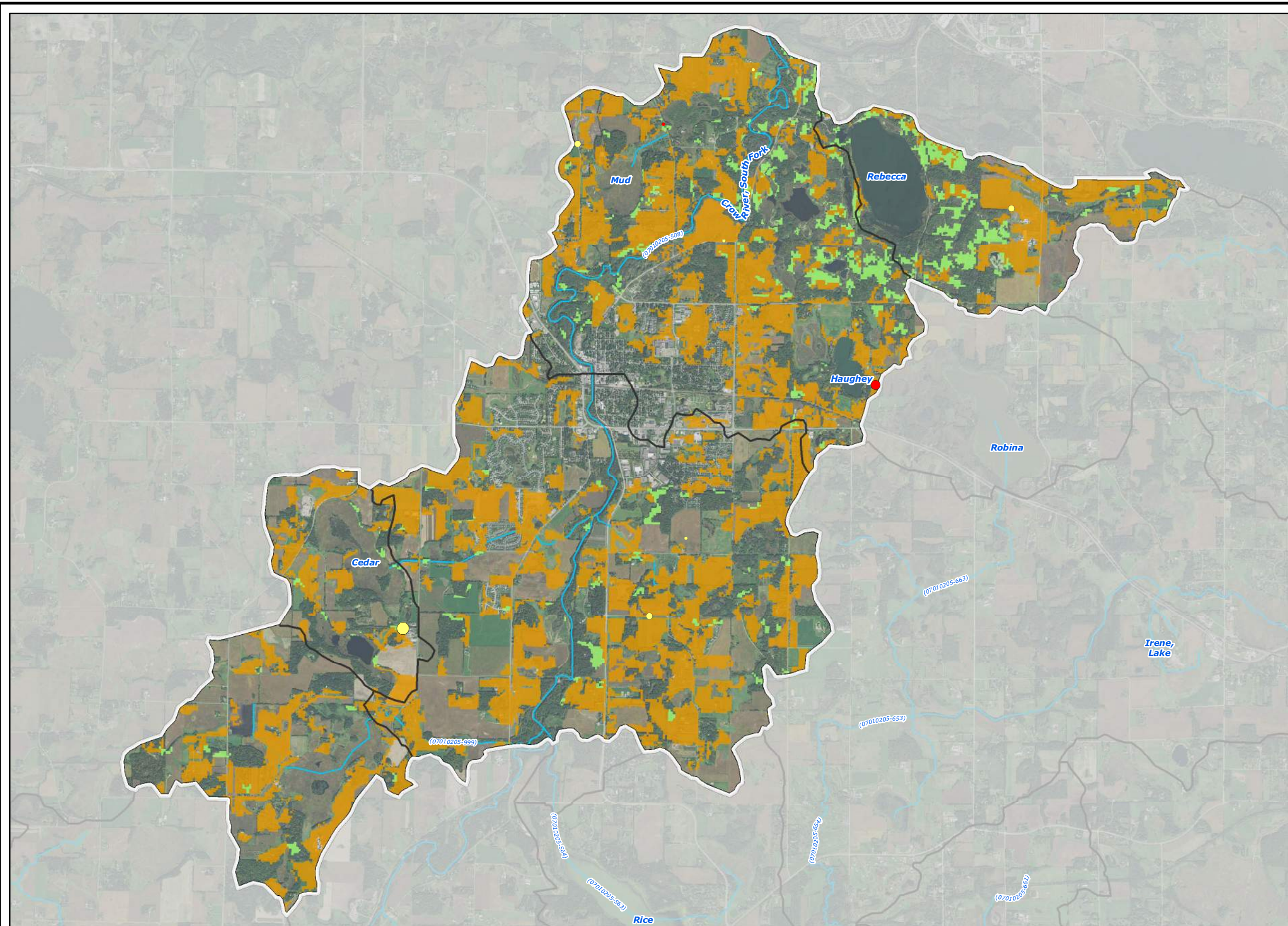
SOUTH FORK CROW

South Fork Crow River Land Cover Map



2016

SFCR-2



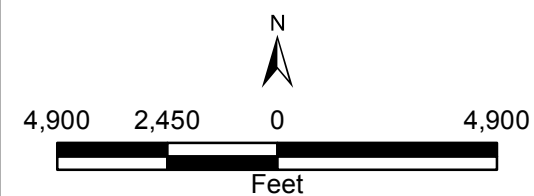
Legend

MPCA Feedlots - Animal Units (shoreland in red)

- <50
- 50 - 100
- 100 - 250
- 250 - 500
- 500 - 1,000
- >1,000

2006 National Land Cover Dataset

- Grassland/Herbaceous
- Pasture/Hay
- Subwatershed Boundary
- Minor Subwatershed Boundary
- Streams



2015 Aerial Photograph (Source: MN GEO)
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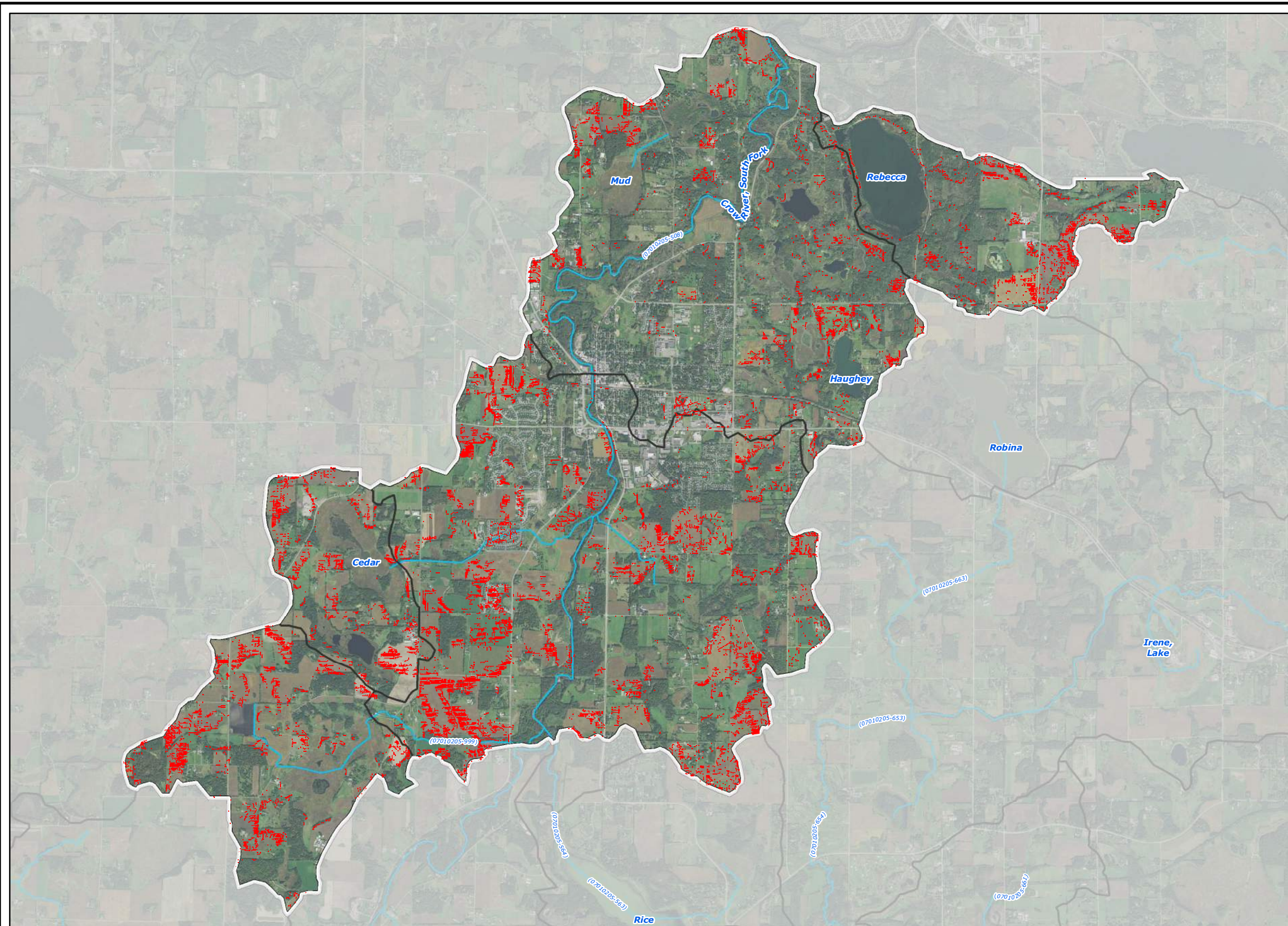
SOUTH FORK CROW

South Fork Crow River Registered Feedlots



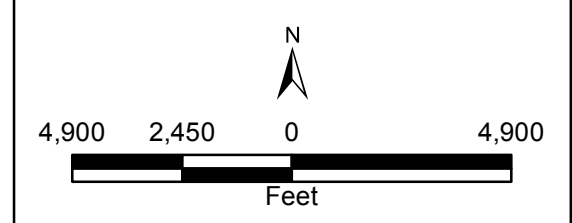
2016

SFCR-3



Legend

- High Potential Soil Loss Areas (RUSLE)
- ~ Streams
- Subwatershed Boundary
- Minor Subwatershed Boundary



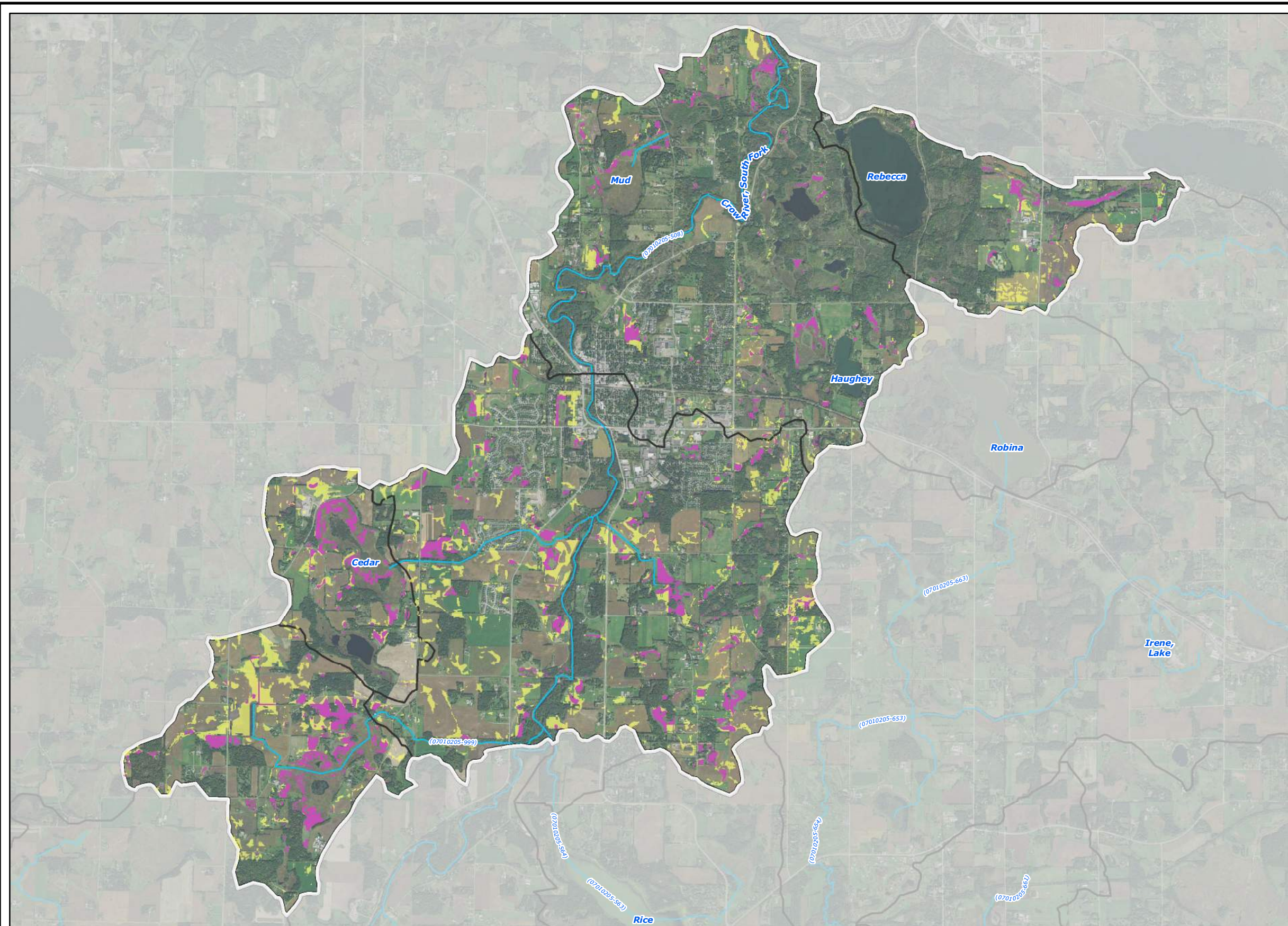
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SOUTH FORK CROW

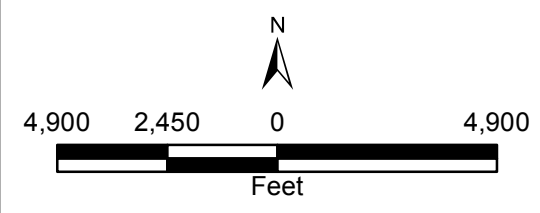
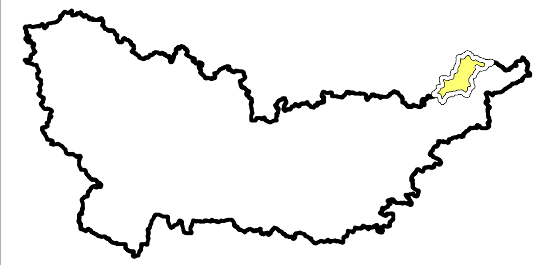
South Fork Crow River High Potential Soil Loss Areas

2016

SFCR-4



- ### Legend
- Potentially Drained/Tile Drained Areas**
- All Criteria Met
 - All Criteria Met (Within NWI)
 - Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary



2015 Aerial Photograph (Source: MN GEO)
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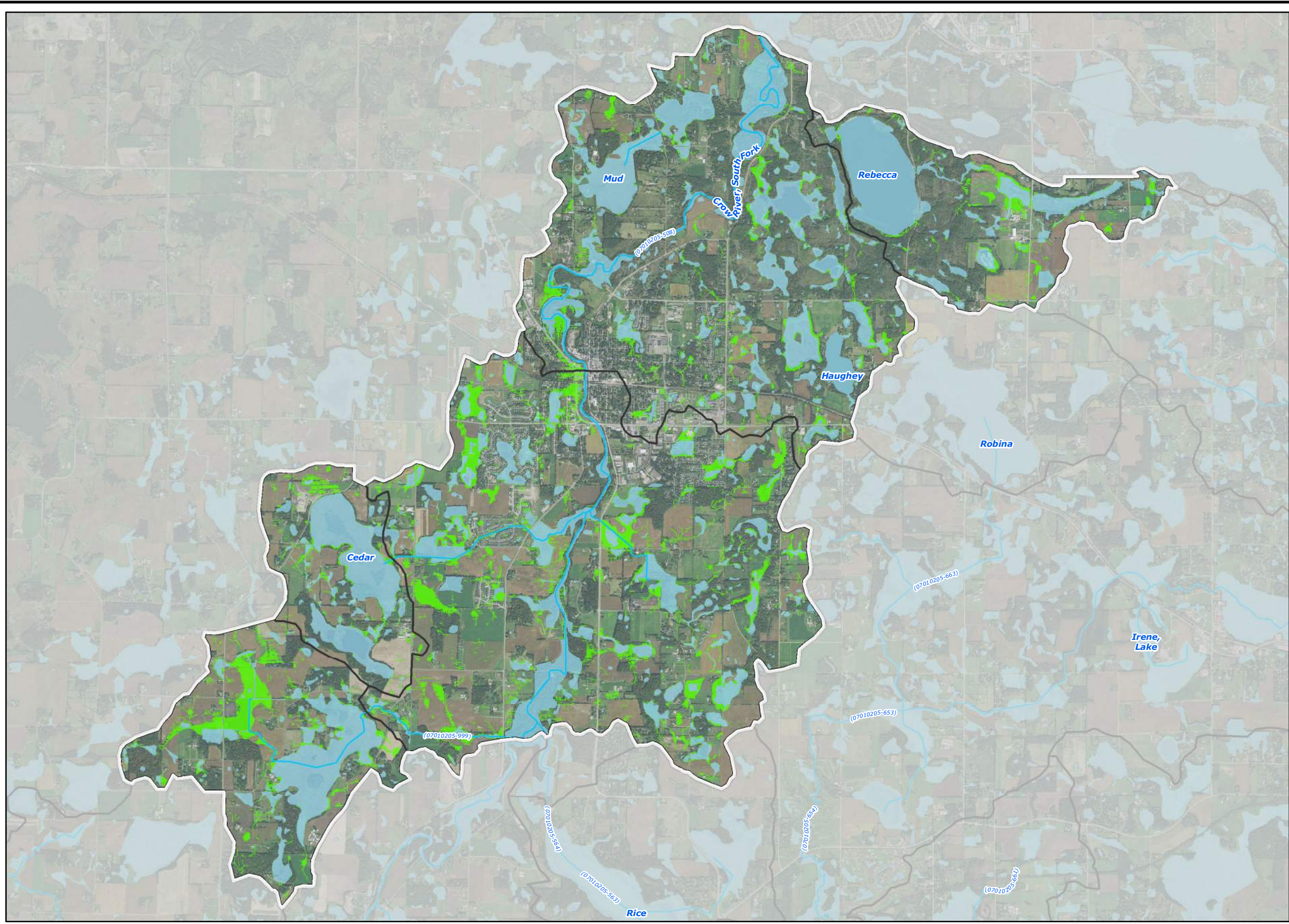
SOUTH FORK CROW






South Fork Crow River Potentially Tile Drained Lands

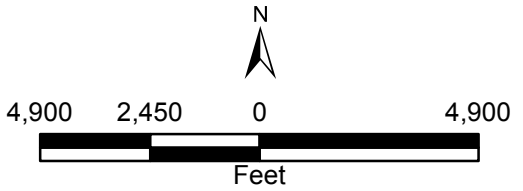


2016

SFCR-5



- ### Legend
-  Restorable Wetland Index Areas (RWI)
 -  National Wetland Inventory
 -  Streams
 -  Subwatershed Boundary
 -  Minor Subwatershed Boundary

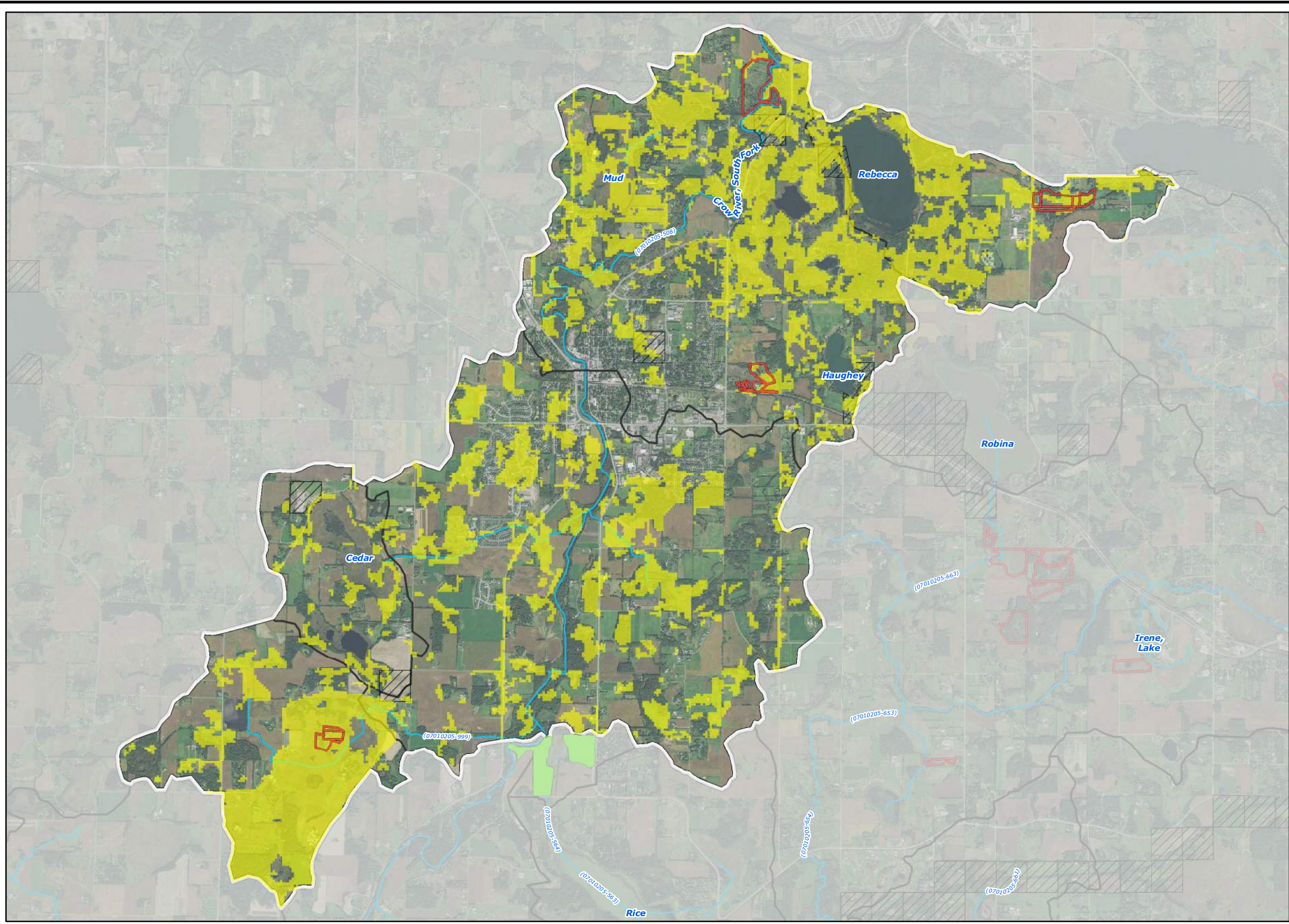


2015 Aerial Photograph (Source: MN GEO)
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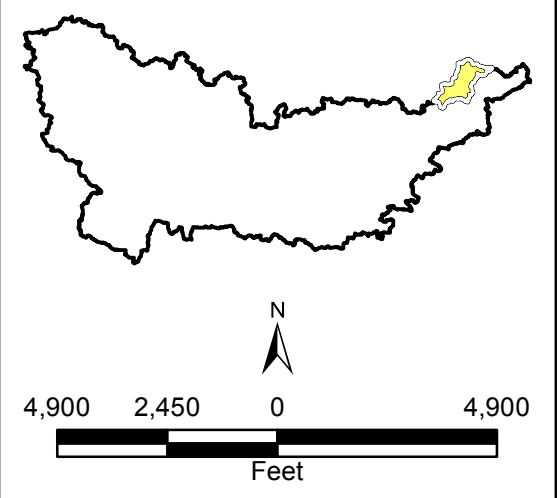
SOUTH FORK CROW
 Wakanda Lake Restorable Wetland Index Areas



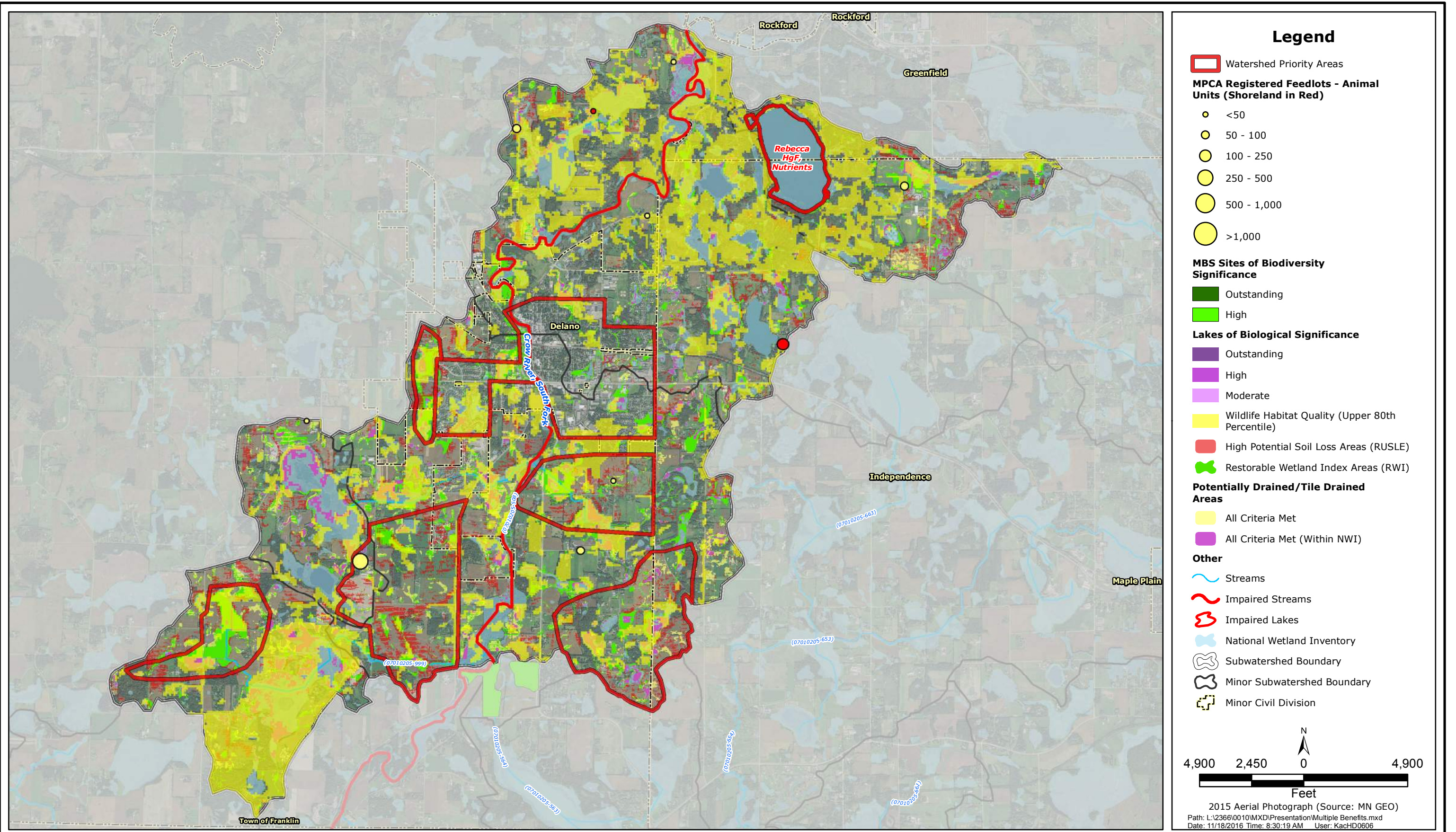
2016
 SFCR-6



- ### Legend
- MBS Sites of Biodiversity Significance**
- Outstanding
 - High
- Lakes of Biological Significance**
- Outstanding
 - High
 - Moderate
- Wildlife Habitat Quality (Upper 80th Percentile)
 - Publicly Managed Lands
 - Conservation Easements
 - Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary



2015 Aerial Photograph (Source: MN GEO)
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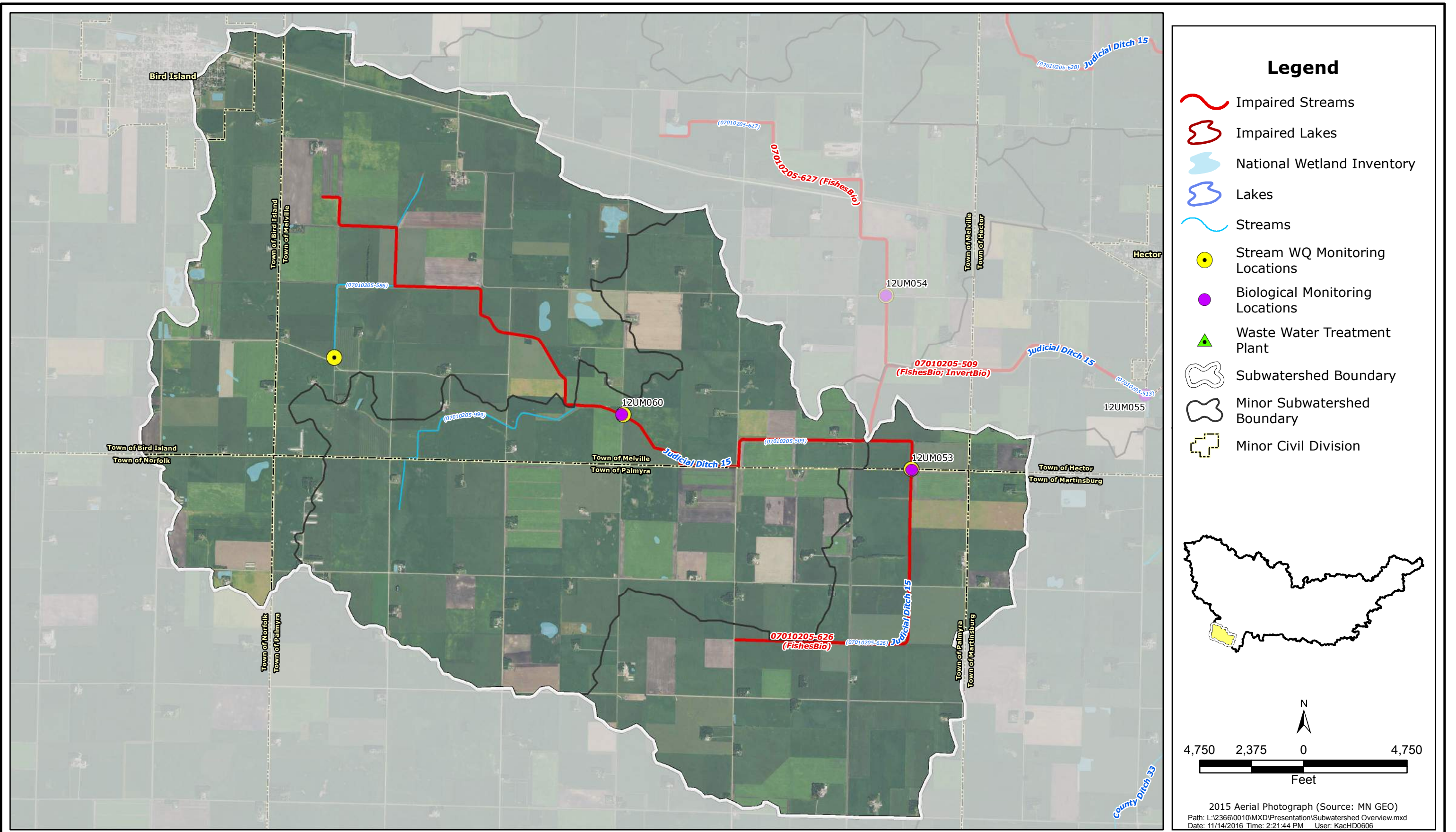
SOUTH FORK CROW

South Fork Crow River Benefited Areas



2016

SFCR-8



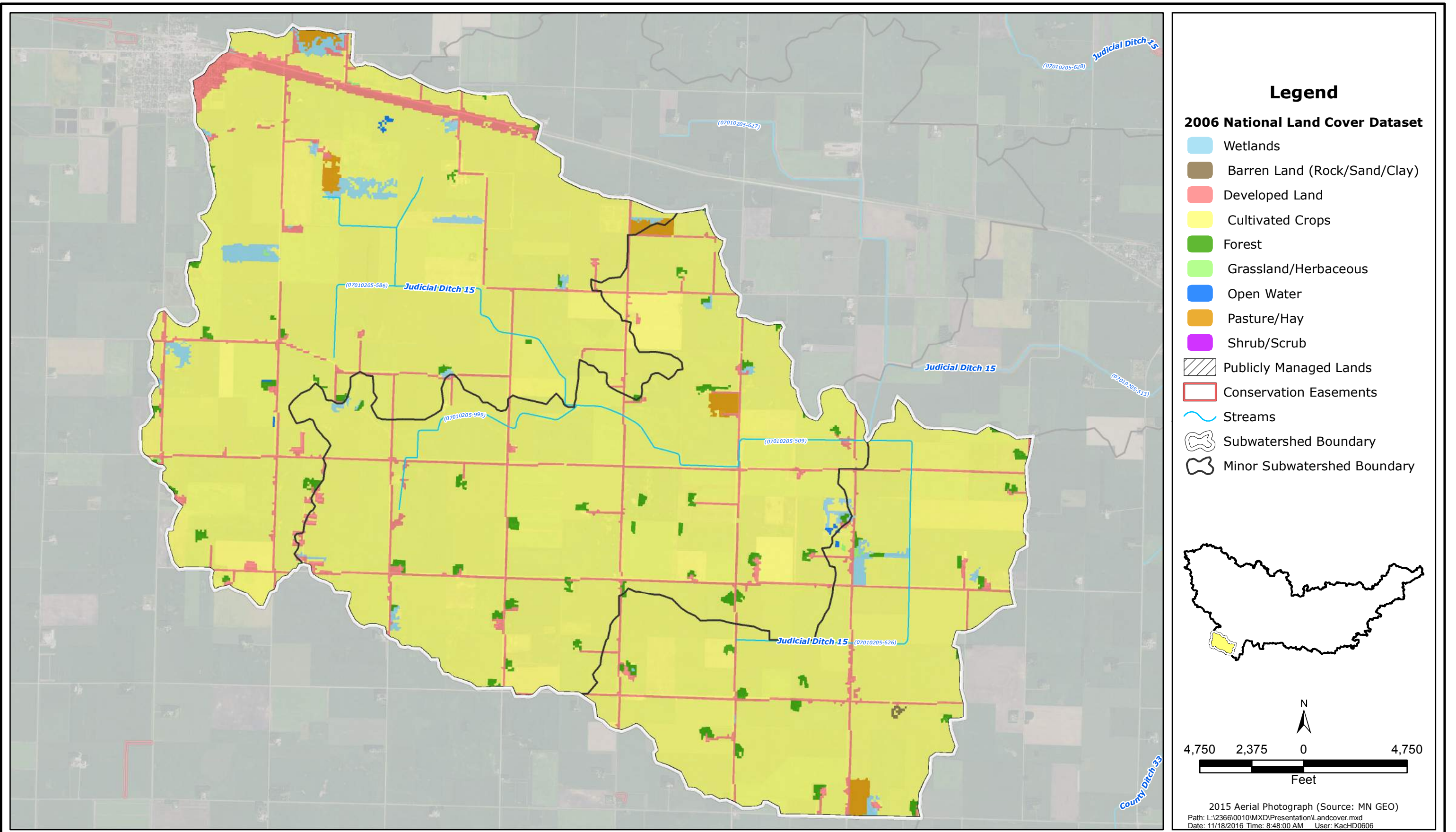
SOUTH FORK CROW

Upper Judicial Ditch No 15 Overview Map



2016

UJD15-1

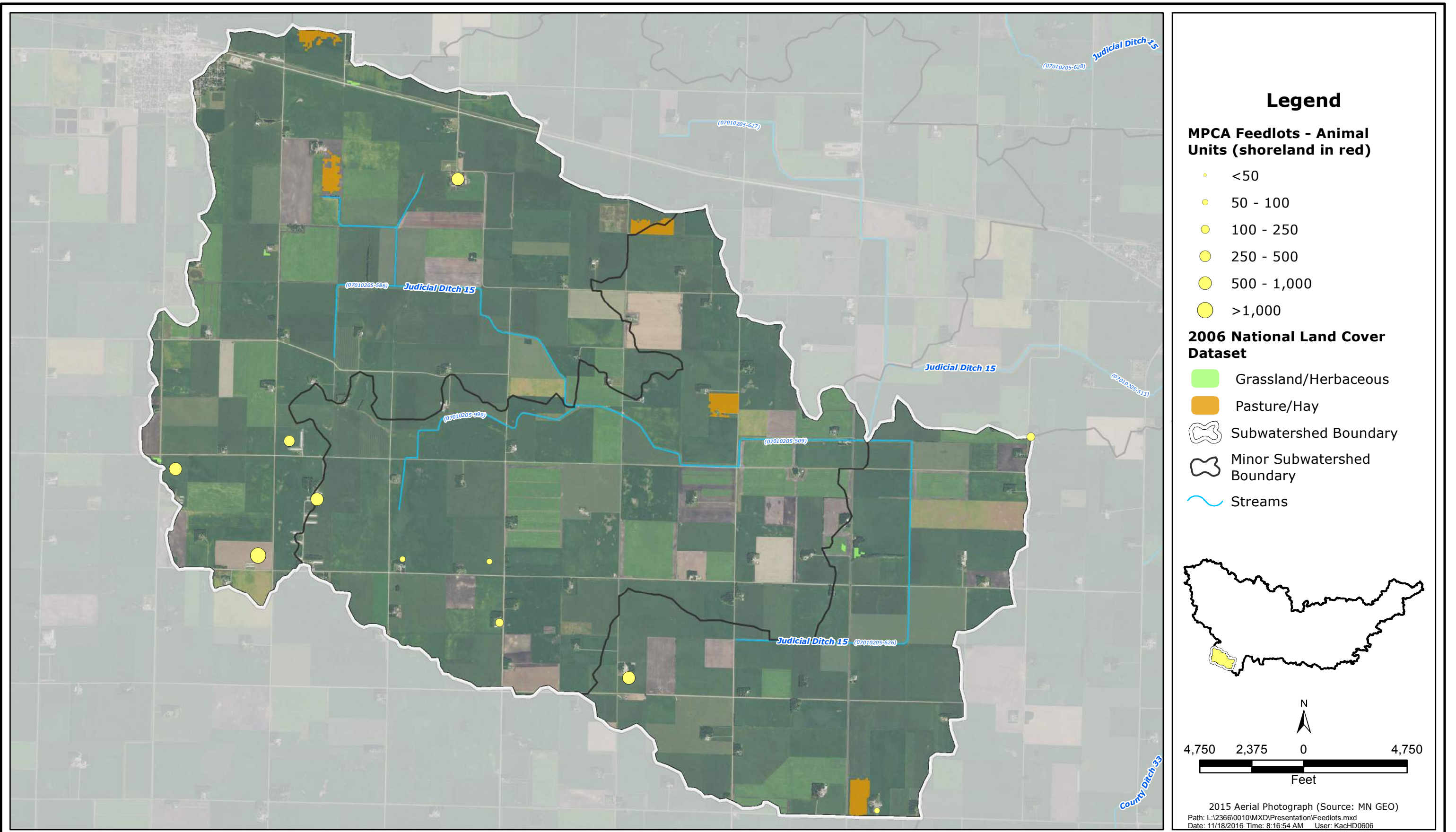


SOUTH FORK CROW
Upper Judicial Ditch No 15 Land Cover Map



2016
UJD15-2

2015 Aerial Photograph (Source: MN GEO)
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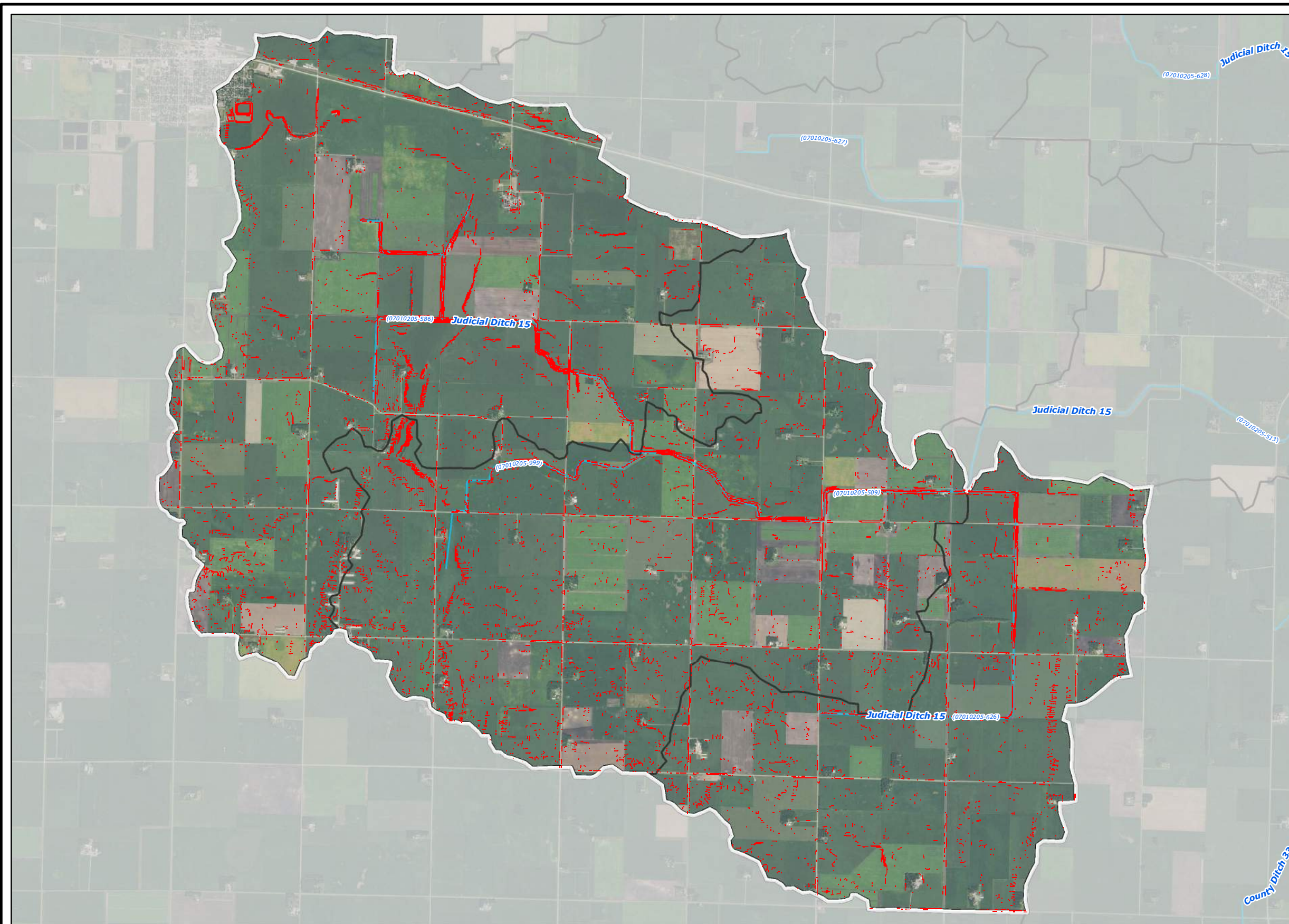
SOUTH FORK CROW

Upper Judicial Ditch No 15 Registered Feedlots

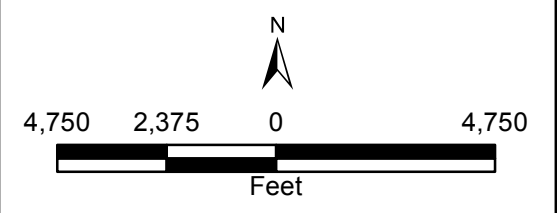


2016

UJD15-3



- ### Legend
- High Potential Soil Loss Areas (RUSLE)
 - ~ Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary



2015 Aerial Photograph (Source: MN GEO)
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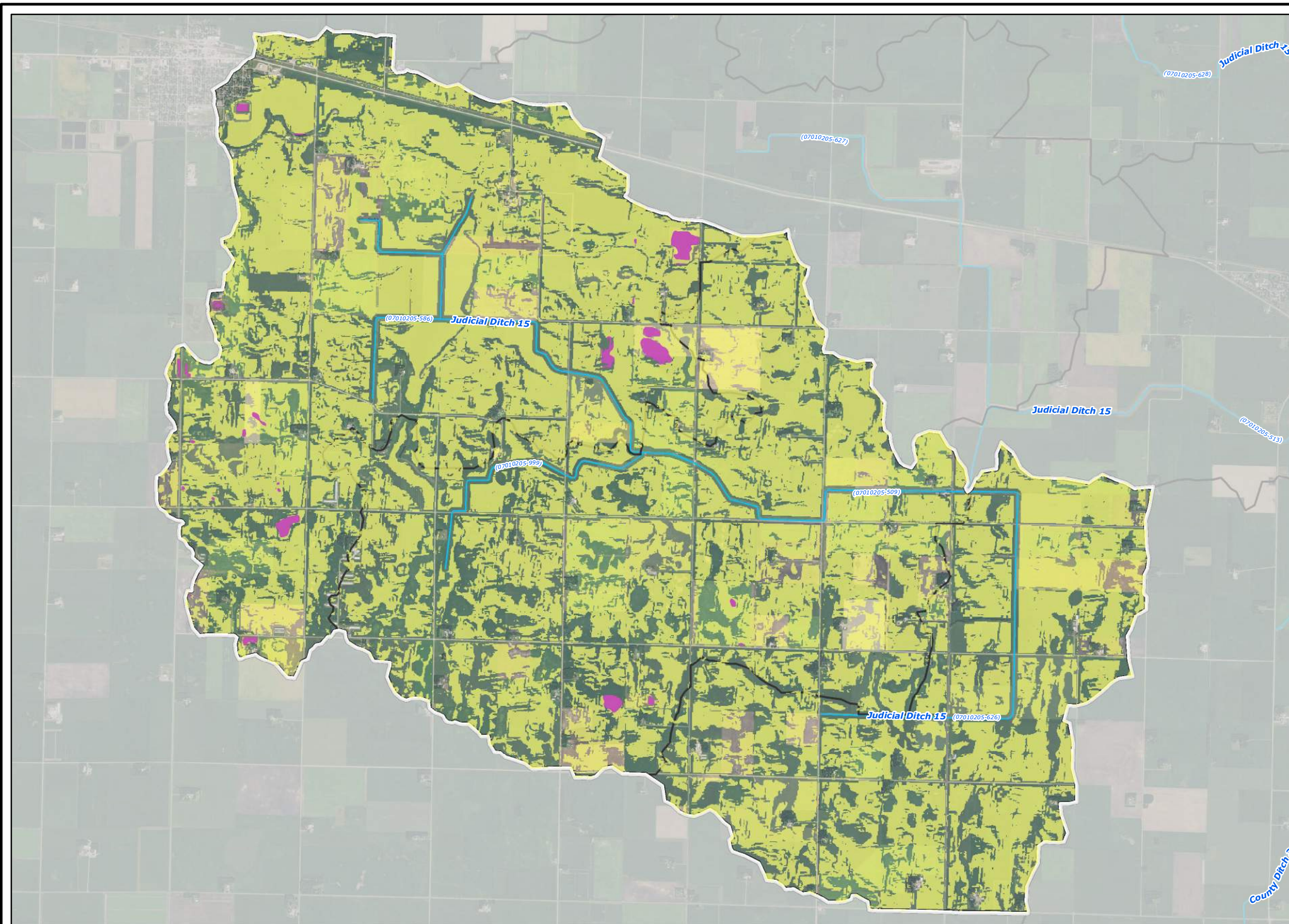
SOUTH FORK CROW

Upper Judicial Ditch No 15 High Potential Soil Loss Areas

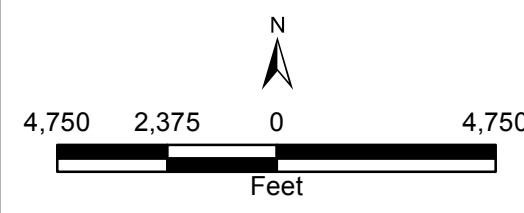


2016

UJD15-4



- ### Legend
- Potentially Drained/Tile Drained Areas**
- All Criteria Met
 - All Criteria Met (Within NWI)
 - Streams
 - Subwatershed Boundary
 - Minor Subwatershed Boundary



2015 Aerial Photograph (Source: MN GEO)
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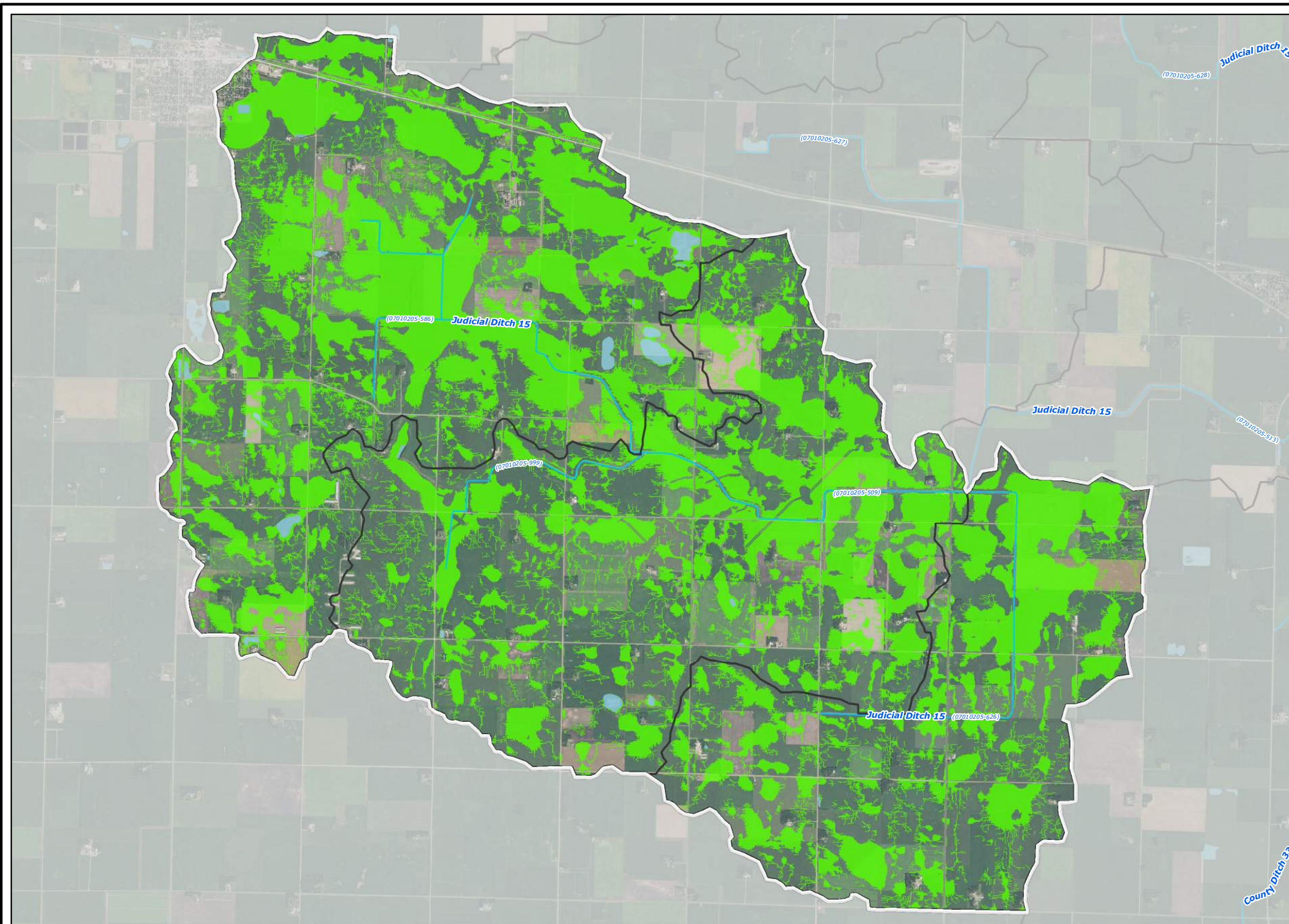
SOUTH FORK CROW






Upper Judicial Ditch No 15 Potentially Tile Drained Lands

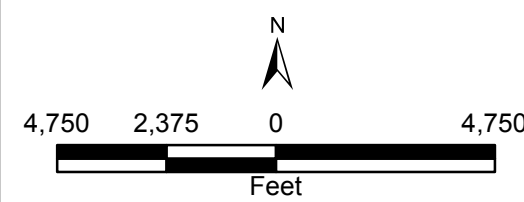


2016

UJD15-5



- ### Legend
-  Restorable Wetland Index Areas (RWI)
 -  National Wetland Inventory
 -  Streams
 -  Subwatershed Boundary
 -  Minor Subwatershed Boundary

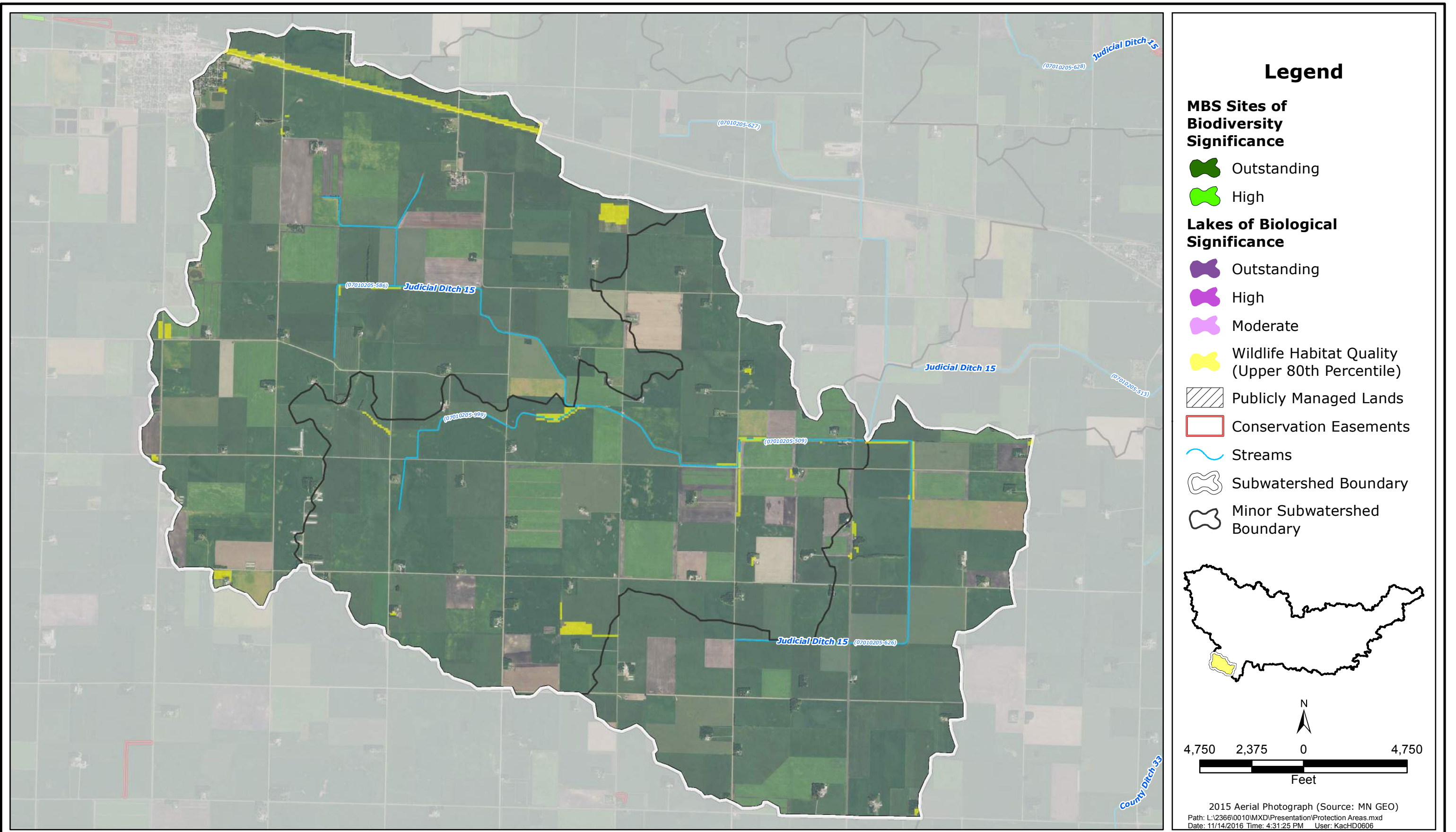


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SOUTH FORK CROW
 Wakanda Lake Restorable Wetland Index Areas



2016
 UJD15-6



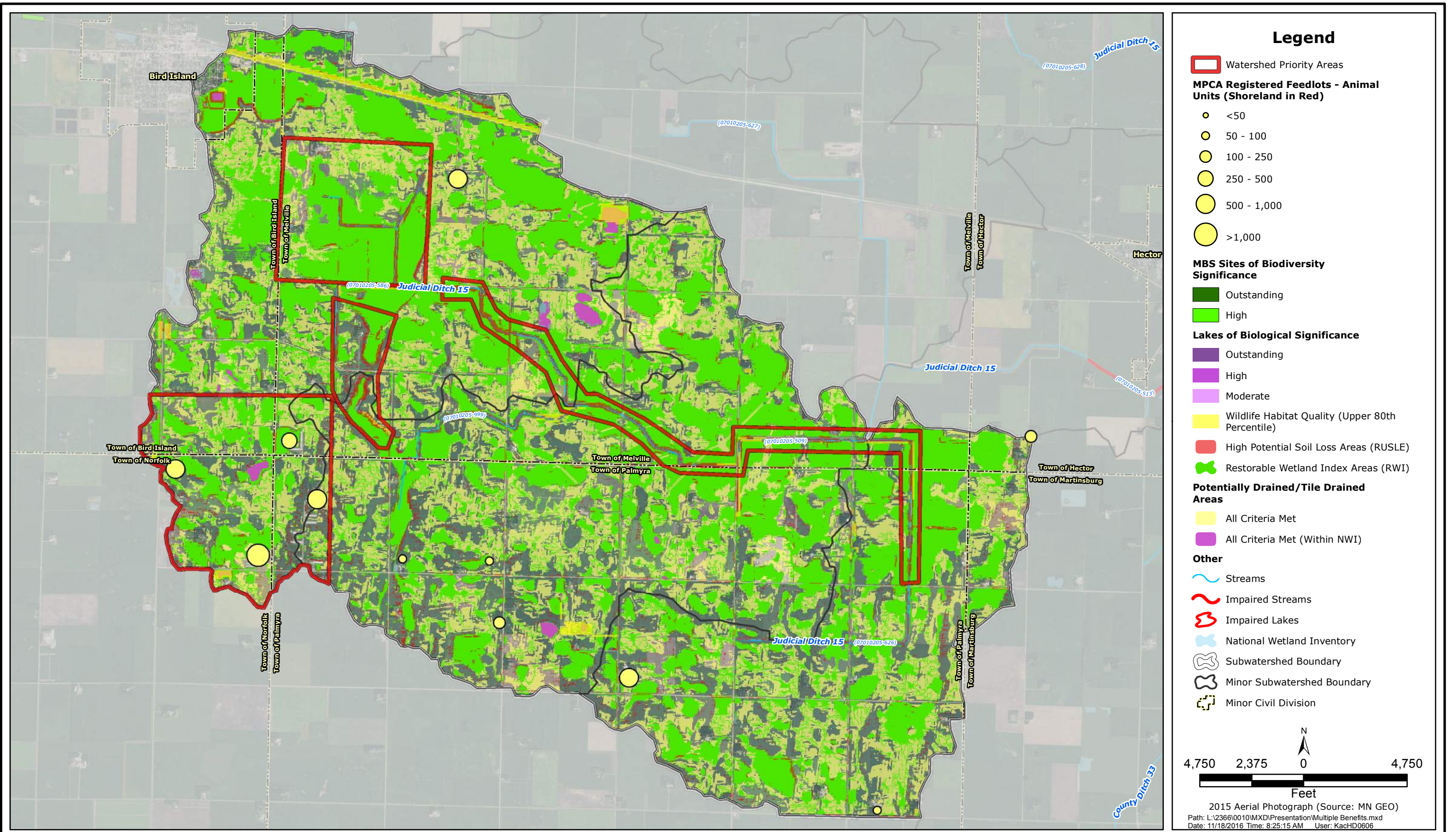
SOUTH FORK CROW

Upper Judicial Ditch No 15 Areas of Biological Significance Map



2016

UJD15-7



Legend

- Watershed Priority Areas
- MPCA Registered Feedlots - Animal Units (Shoreland in Red)**
 - <50
 - 50 - 100
 - 100 - 250
 - 250 - 500
 - 500 - 1,000
 - >1,000
- MBS Sites of Biodiversity Significance**
 - Outstanding
 - High
- Lakes of Biological Significance**
 - Outstanding
 - High
 - Moderate
- Wildlife Habitat Quality (Upper 80th Percentile)
- High Potential Soil Loss Areas (RUSLE)
- Restorable Wetland Index Areas (RWI)
- Potentially Drained/Tile Drained Areas**
 - All Criteria Met
 - All Criteria Met (Within NWI)
- Other**
 - Streams
 - Impaired Streams
 - Impaired Lakes
 - National Wetland Inventory
 - Subwatershed Boundary
 - Minor Subwatershed Boundary
 - Minor Civil Division

N

4,750 2,375 0 4,750

Feet

2015 Aerial Photograph (Source: MN GEO)
 Path: L:\2366\0010\MXD\Presentation\Multiple Benefits.mxd
 Date: 11/18/2016 Time: 8:25:15 AM User: KacHD0606

SOUTH FORK CROW

Upper Judicial Ditch No 15 Benefited Areas



2016

UJD15-8