

TECHNICAL MEMORANDUM

Appendix E – Wetland Inventory and Water Quality Function Rating



- Legend:
- Hydrogeomorphic (HGM) Wetland Classification - Water Quality Function
- Depressional - High
 - Depressional - Medium
 - Depressional - Low
 - Riverine - High
 - Riverine - Medium
 - Lacustrine - High
 - Lacustrine - Medium
 - Study Area

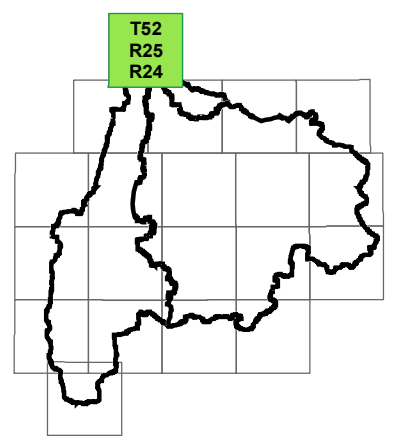
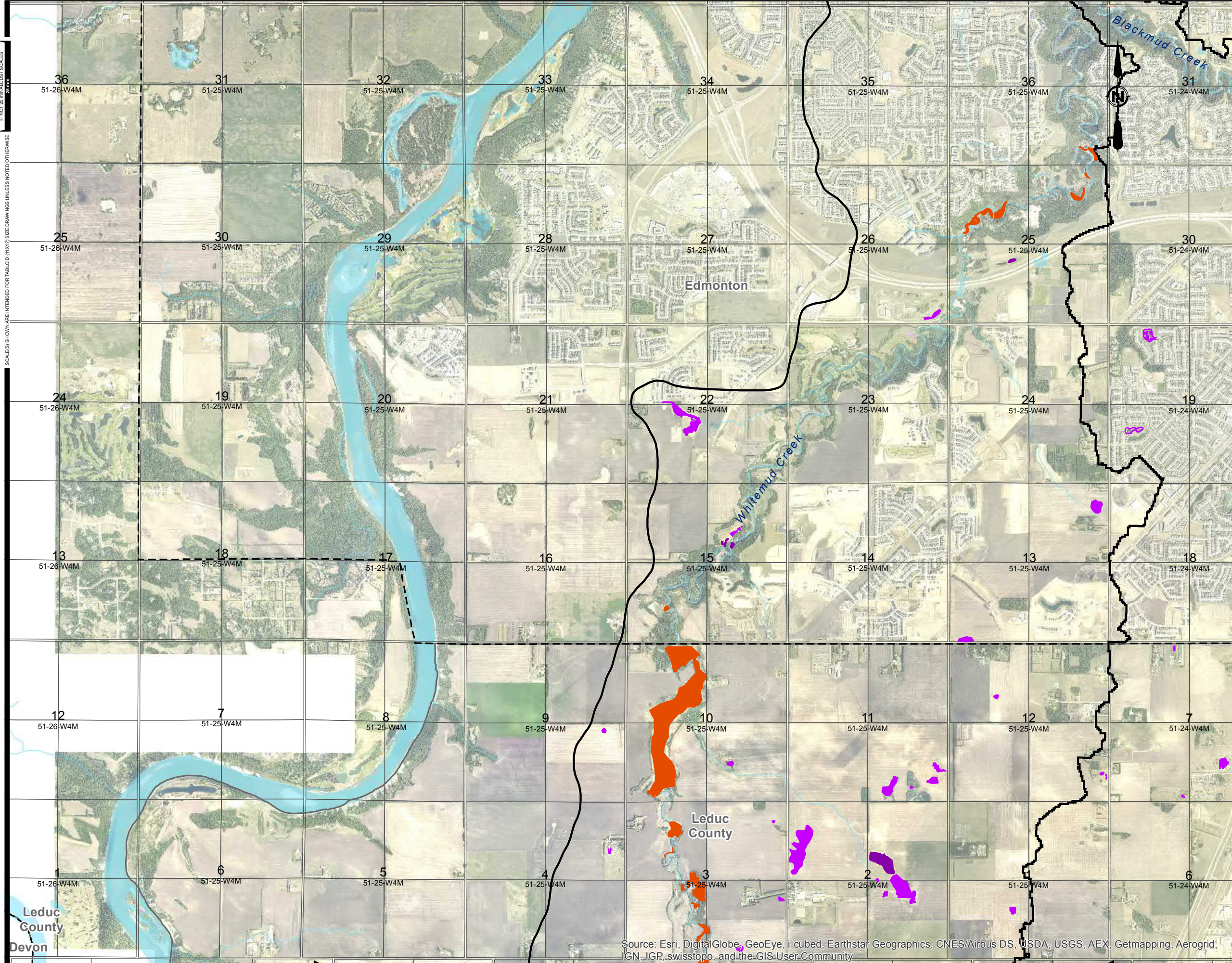


FIGURE No. E-1
BLACKMUD/WHITEMUD CREEK
WATERSHED MANAGEMENT STUDY
WETLAND INVENTORY & FUNCTION ANALYSIS
WATER QUALITY FUNCTIONS

AE PROJECT No.	2016-3785
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Legend:
Hydrogeomorphic (HGM) Wetland Classification - Water Quality Function

- Depressional - High
- Depressional - Medium
- Depressional - Low
- Riverine - High
- Riverine - Medium
- Lacustrine - High
- Lacustrine - Medium
- Study Area

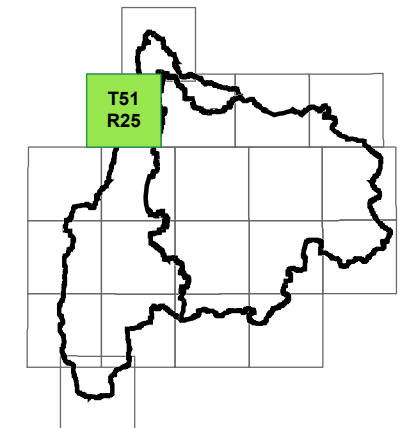
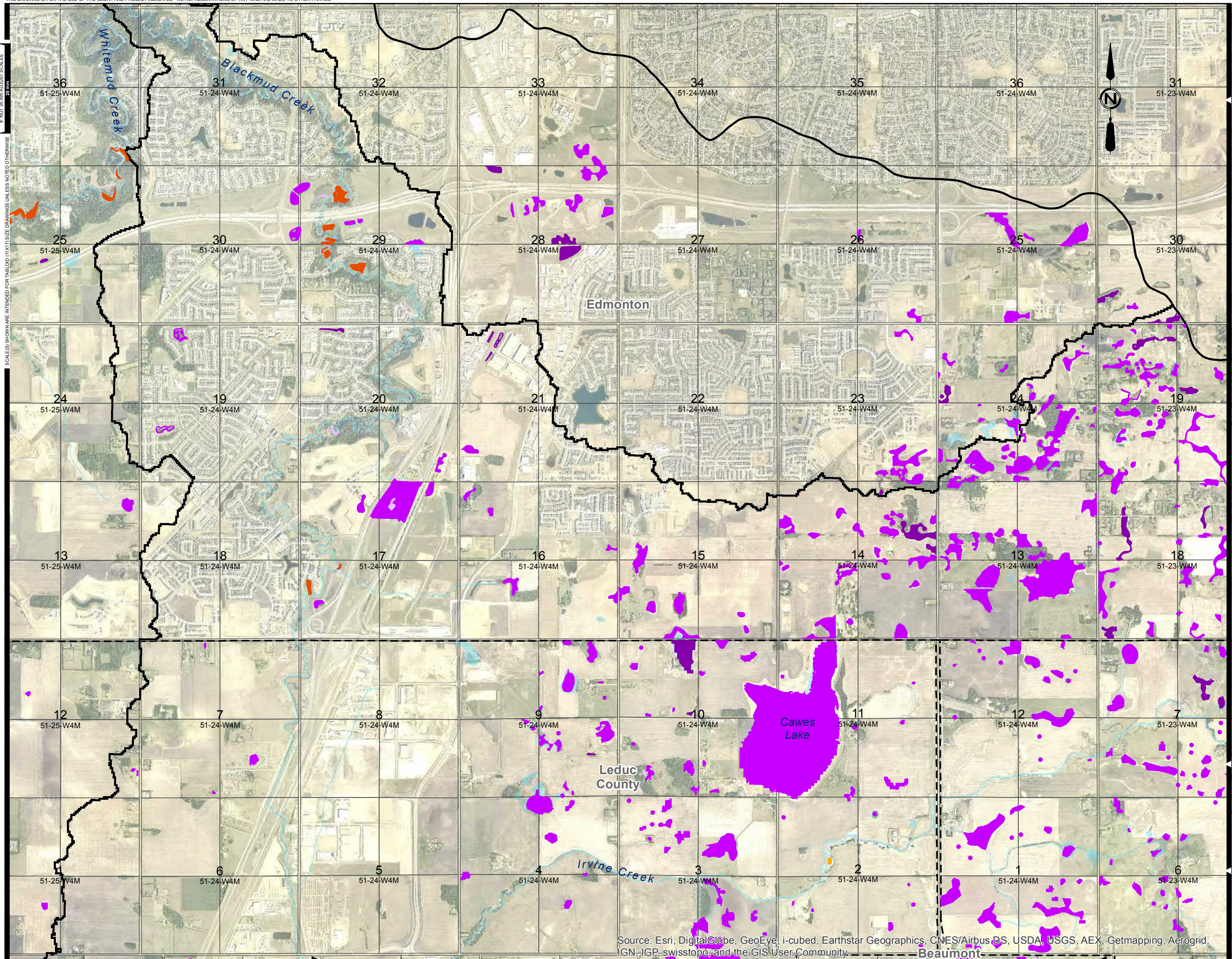


FIGURE No. E-2
BLACKMUD/WHITEMUD CREEK
WATERSHED MANAGEMENT STUDY
WETLAND INVENTORY & FUNCTION ANALYSIS
WATER QUALITY FUNCTIONS

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- Legend:
- Hydrogeomorphic (HGM) Wetland Classification - Water Quality Function
- Depressional - High
 - Depressional - Medium
 - Depressional - Low
 - Riverine - High
 - Riverine - Medium
 - Lacustrine - High
 - Lacustrine - Medium
 - Study Area

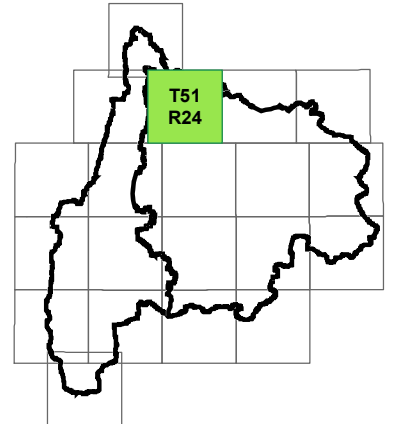
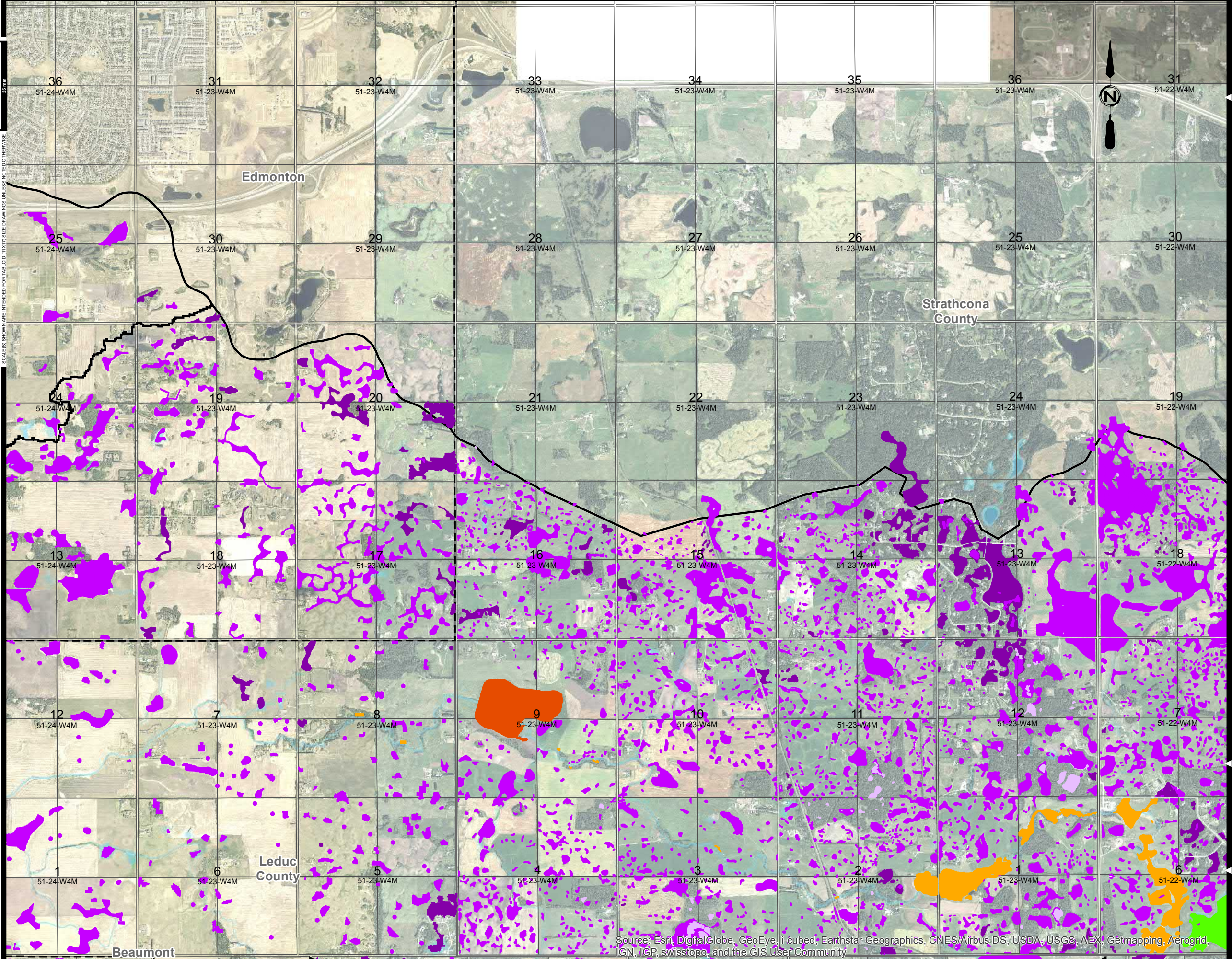


FIGURE No. E-3
 BLACKMUD/WHITEMUD CREEK
 WATERSHED MANAGEMENT STUDY
 WETLAND INVENTORY & FUNCTION ANALYSIS
 WATER QUALITY FUNCTIONS

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 DATE: 2016-10-05

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 IF NOT 20"=1" AS SHOWN SCALES



Legend:
Hydrogeomorphic (HGM) Wetland Classification - Water Quality Function

- Depressional - High
- Depressional - Medium
- Depressional - Low
- Riverine - High
- Riverine - Medium
- Lacustrine - High
- Lacustrine - Medium
- Study Area

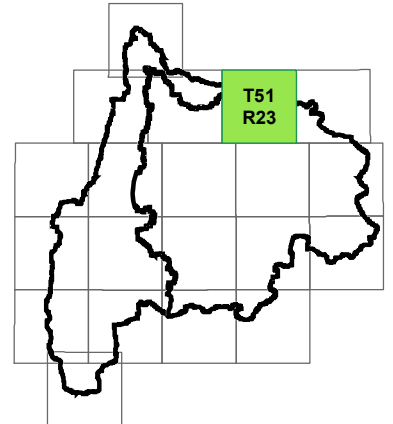


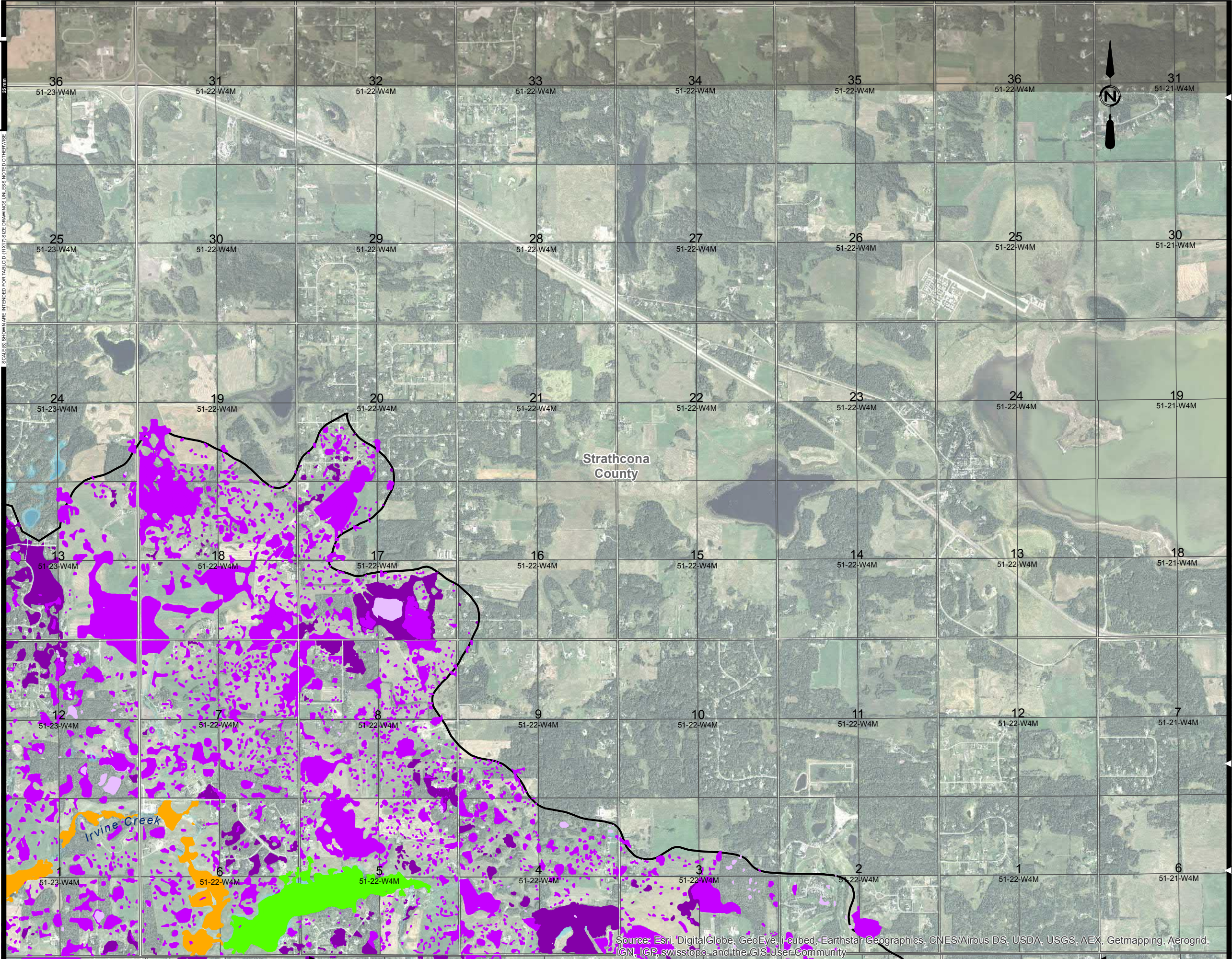
FIGURE No. E-4
BLACKMUD/WHITEMUD CREEK
WATERSHED MANAGEMENT STUDY
WETLAND INVENTORY & FUNCTION ANALYSIS
WATER QUALITY FUNCTIONS

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DATE: 2016-10-05

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IF NOT 20"=1" AS SHOWN SCALES



Legend:
Hydrogeomorphic (HGM) Wetland Classification - Water Quality Function

- Depressional - High
- Depressional - Medium
- Depressional - Low
- Riverine - High
- Riverine - Medium
- Lacustrine - High
- Lacustrine - Medium
- Study Area

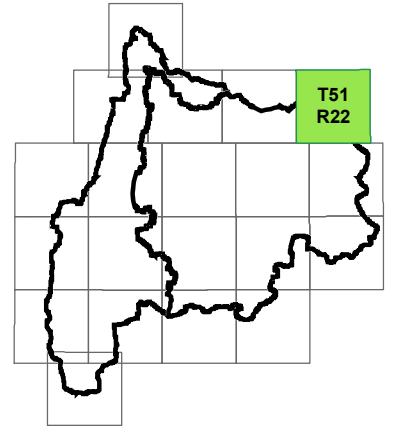


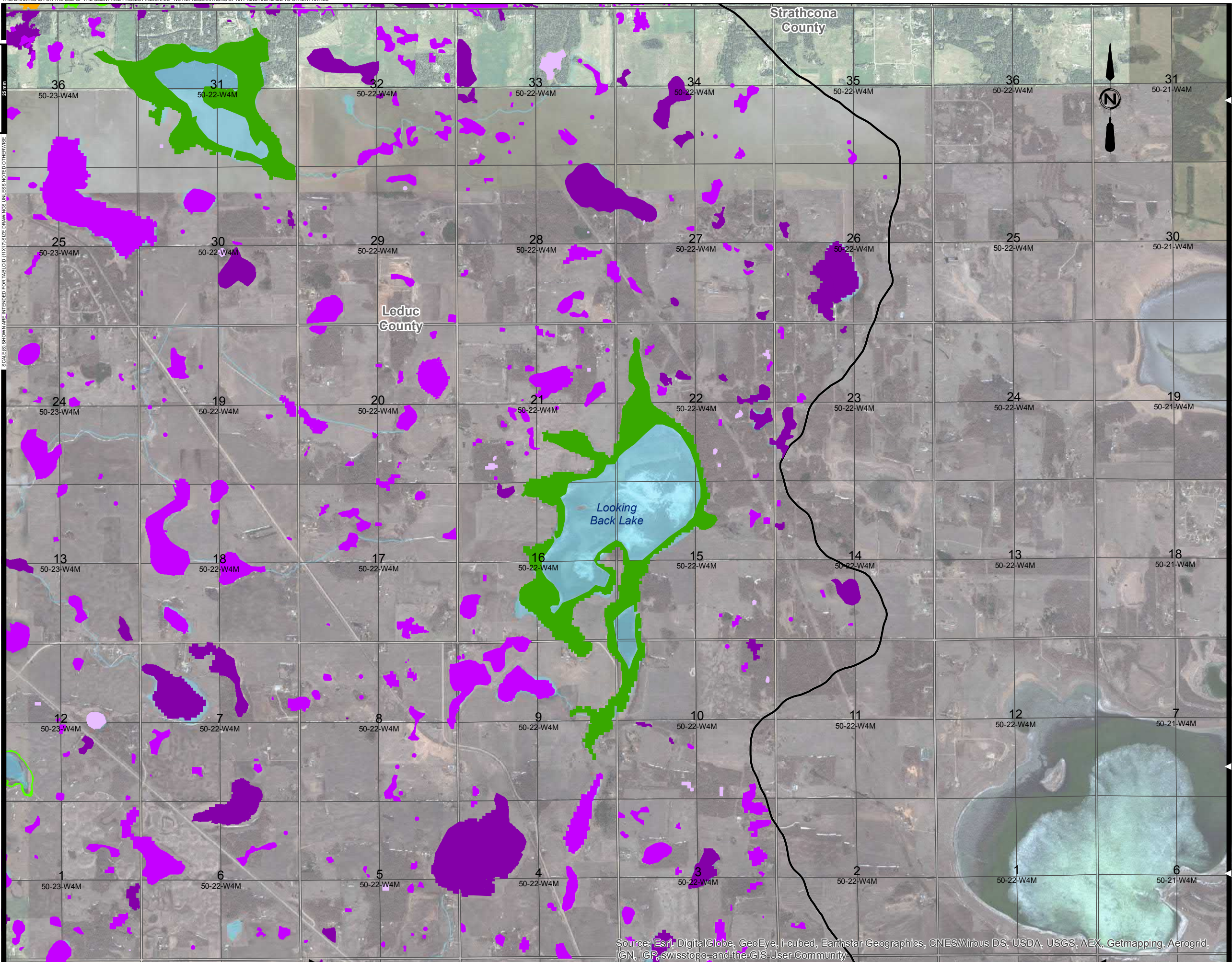
FIGURE No. E-5
BLACKMUD/WHITEMUD CREEK
WATERSHED MANAGEMENT STUDY
WETLAND INVENTORY & FUNCTION ANALYSIS
WATER QUALITY FUNCTIONS

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DATE: 2016-10-05

SCALE(S) SHOWN ARE INTENDED FOR TABLOID (11X17) SIZE DRAWINGS UNLESS NOTICED OTHERWISE
IF NOT 20 mm AS SHOWN SCALES



Legend:
Hydrogeomorphic (HGM) Wetland Classification - Water Quality Function

- Depressional - High
- Depressional - Medium
- Depressional - Low
- Riverine - High
- Riverine - Medium
- Lacustrine - High
- Lacustrine - Medium
- Study Area

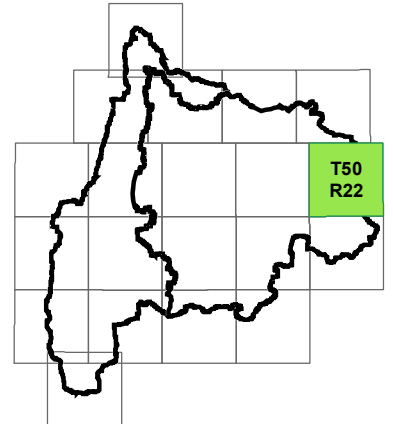


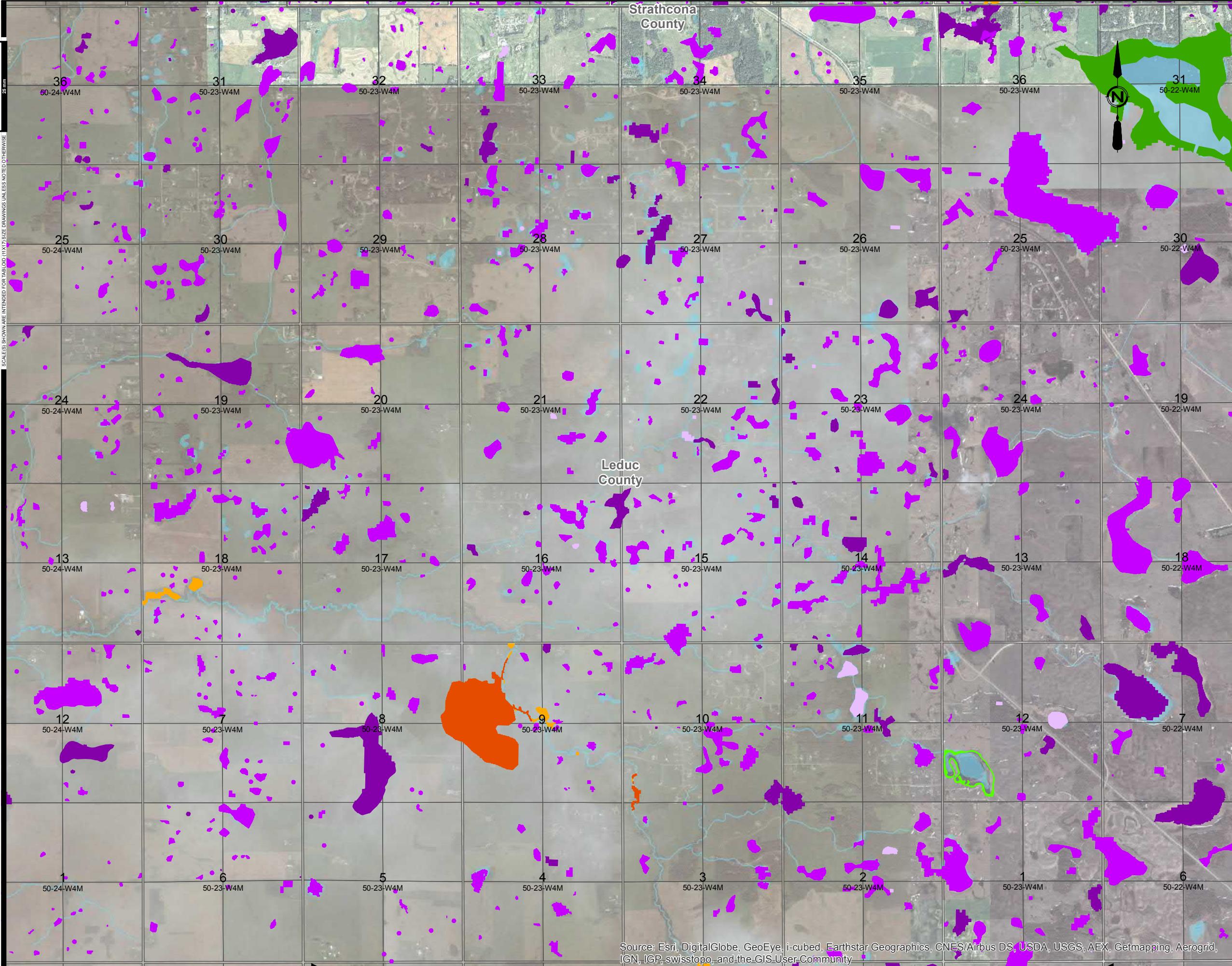
FIGURE No. E-6
BLACKMUD/WHITEMUD CREEK
WATERSHED MANAGEMENT STUDY
WETLAND INVENTORY & FUNCTION ANALYSIS
WATER QUALITY FUNCTIONS

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SCALE(S) SHOWN ARE INTENDED FOR TABLOID (11X17) SIZE DRAWINGS UNLESS NOTED OTHERWISE
IF NOT 20 mm ASBEST SCALAS



Legend:

Hydrogeomorphic (HGM) Wetland Classification - Water Quality Function

- Depressional - High
- Depressional - Medium
- Depressional - Low
- Riverine - High
- Riverine - Medium
- Lacustrine - High
- Lacustrine - Medium
- Study Area

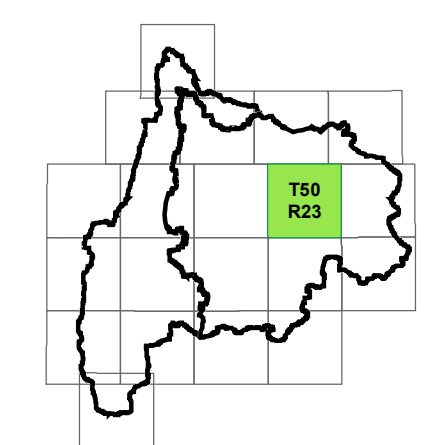


FIGURE No. E-7

BLACKMUD/WHITEMUD CREEK
WATERSHED MANAGEMENT STUDY

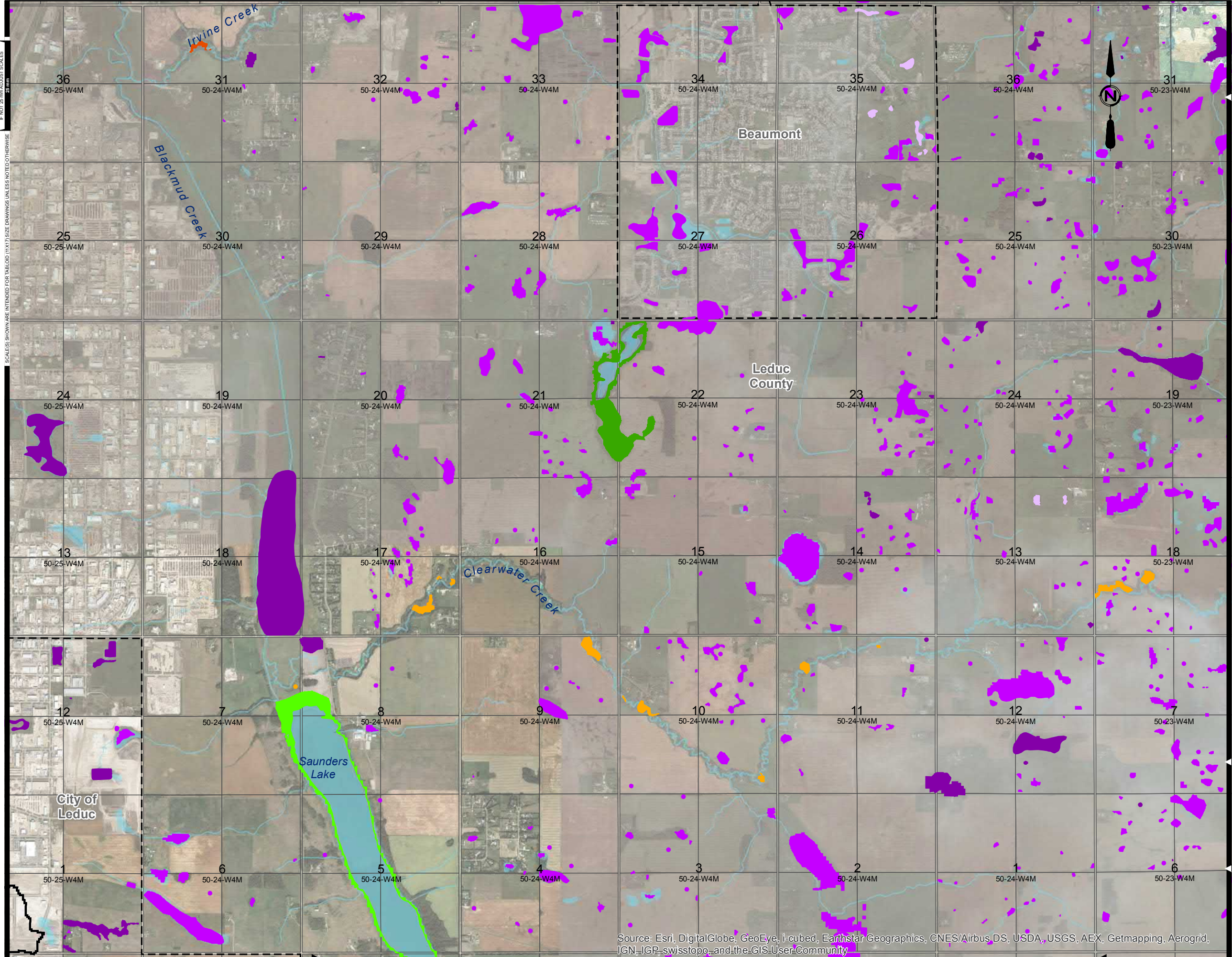
WETLAND INVENTORY & FUNCTION ANALYSIS
WATER QUALITY FUNCTIONS

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DATE: 2016-10-05

IF NOT 20 mm AS SHOWN SCALES
SCALE(S) SHOWN ARE INTENDED FOR TABLORD (11X17) SIZE DRAWINGS UNLESS NOTED OTHERWISE



- Legend:**
- Hydrogeomorphic (HGM) Wetland Classification - Water Quality Function
- Depressional - High
 - Depressional - Medium
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 - Riverine - High
 - Riverine - Medium
 - Lacustrine - High
 - Lacustrine - Medium
- Study Area

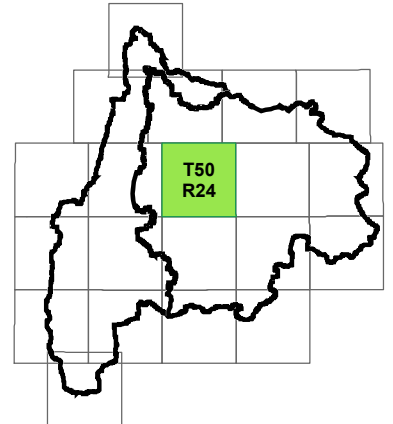


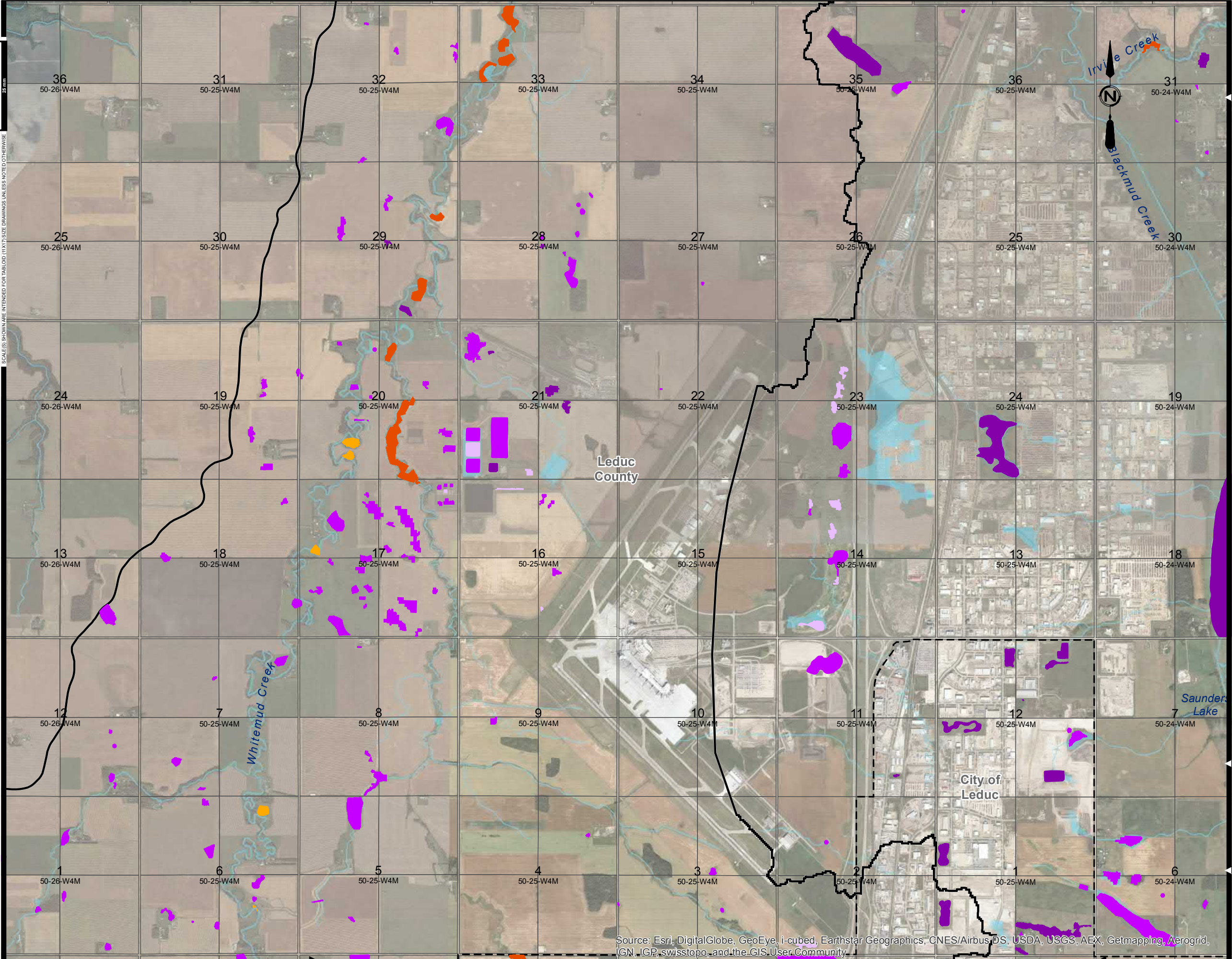
FIGURE No. E-8
 BLACKMUD/WHITEMUD CREEK
 WATERSHED MANAGEMENT STUDY
 WETLAND INVENTORY & FUNCTION ANALYSIS
 WATER QUALITY FUNCTIONS

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 DATE: 2016-10-05

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- Legend:
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- Depressional - High
 - Depressional - Medium
 - Depressional - Low
 - Riverine - High
 - Riverine - Medium
 - Lacustrine - High
 - Lacustrine - Medium
 - Study Area

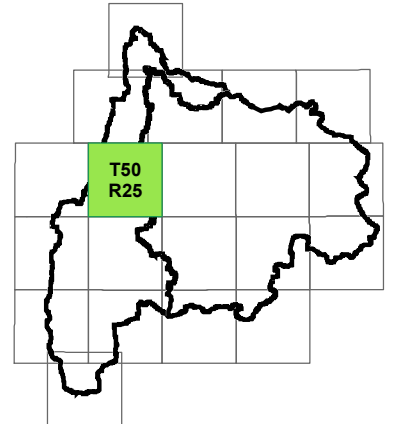


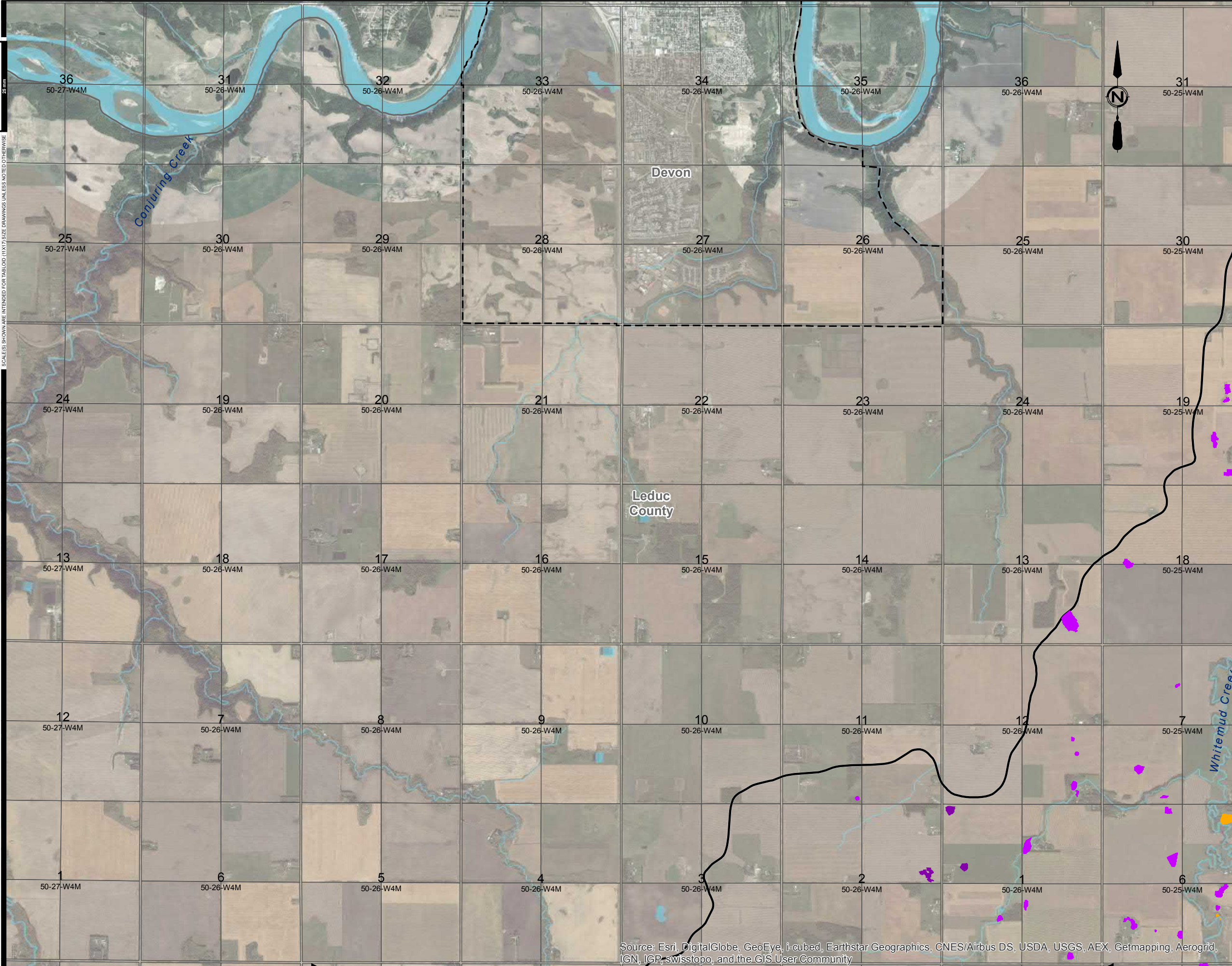
FIGURE No. E-9
 BLACKMUD/WHITEMUD CREEK
 WATERSHED MANAGEMENT STUDY
 WETLAND INVENTORY & FUNCTION ANALYSIS
 WATER QUALITY FUNCTIONS

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Legend:
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- Depressional - High
- Depressional - Medium
- Depressional - Low
- Riverine - High
- Riverine - Medium
- Lacustrine - High
- Lacustrine - Medium
- Study Area

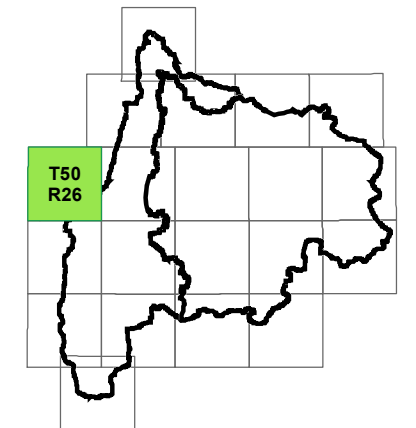
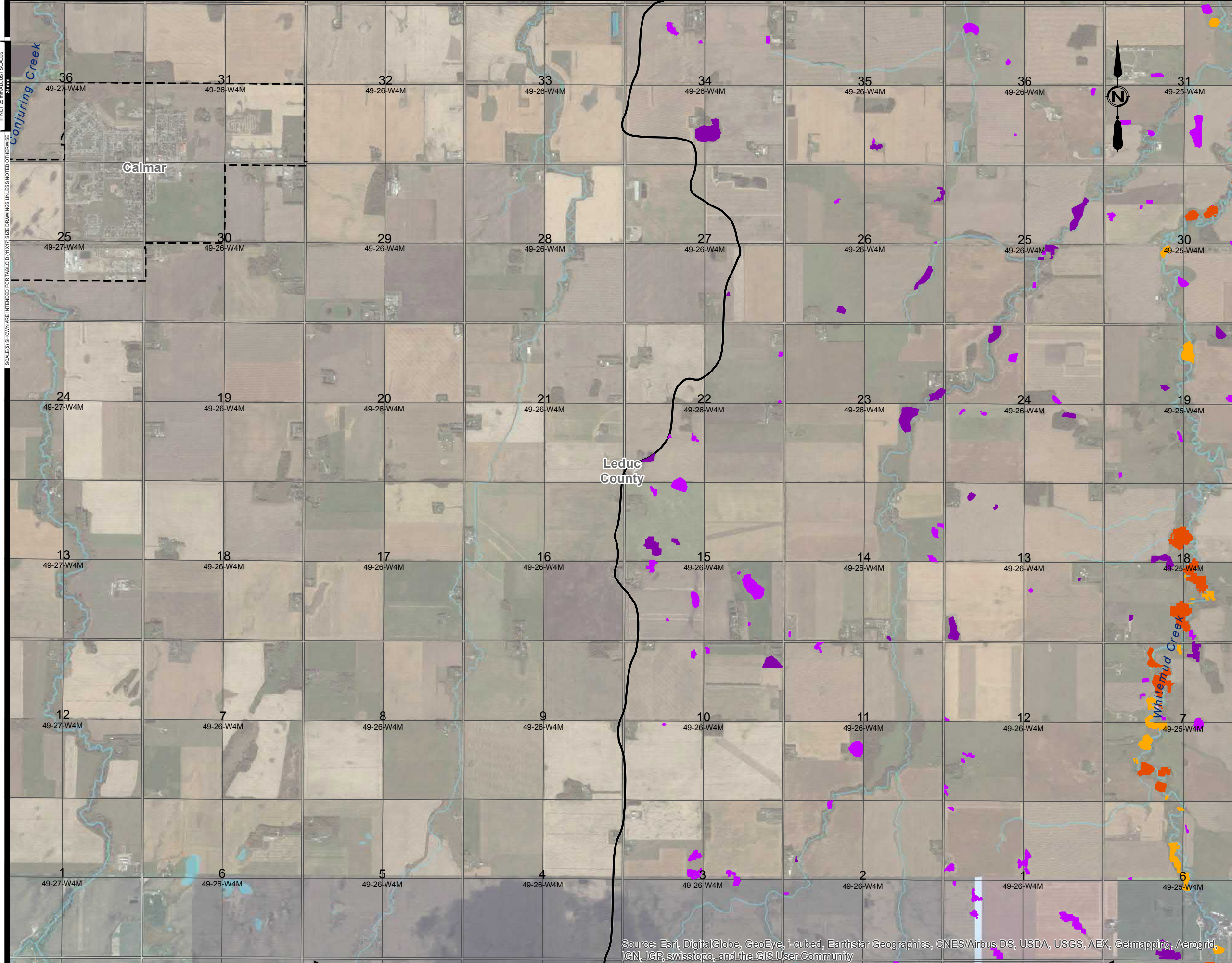


FIGURE No. E-10
BLACKMUD/WHITEMUD CREEK
WATERSHED MANAGEMENT STUDY
WETLAND INVENTORY & FUNCTION ANALYSIS
WATER QUALITY FUNCTIONS

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- Legend:
- Hydrogeomorphic (HGM) Wetland Classification - Water Quality Function
- Depressional - High
 - Depressional - Medium
 - Depressional - Low
 - Riverine - High
 - Riverine - Medium
 - Lacustrine - High
 - Lacustrine - Medium
- Study Area

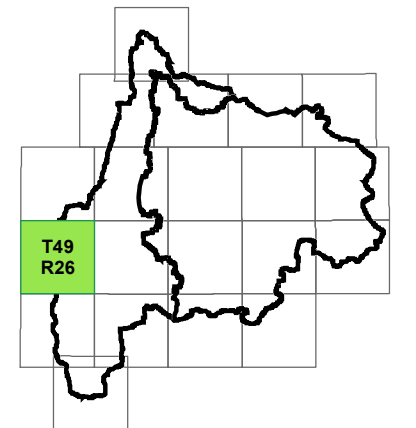
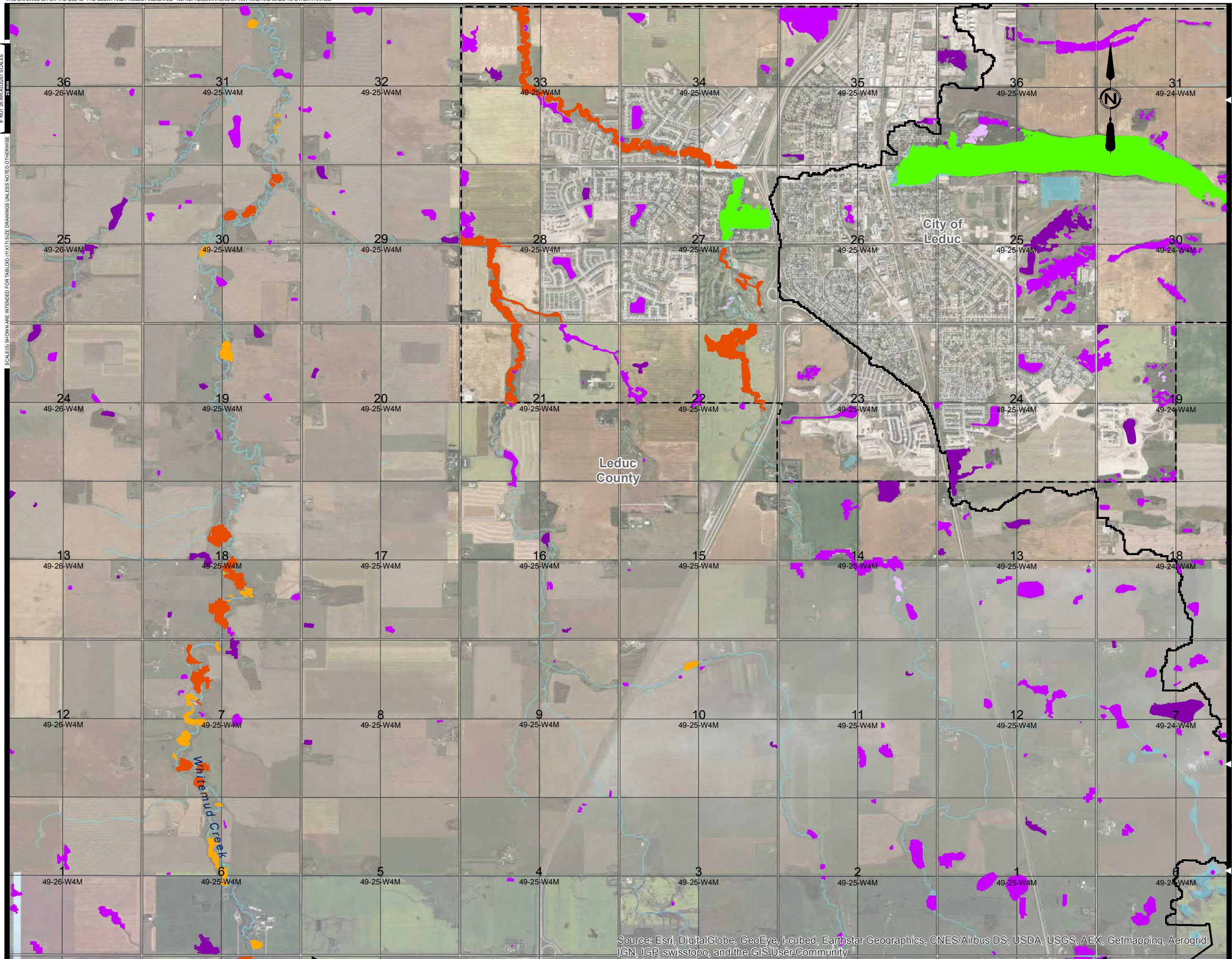


FIGURE No. E-11
 BLACKMUD/WHITEMUD CREEK
 WATERSHED MANAGEMENT STUDY
 WETLAND INVENTORY & FUNCTION ANALYSIS
 WATER QUALITY FUNCTIONS

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- Legend:**
- Hydrogeomorphic (HGM) Wetland Classification - Water Quality Function
- Depressional - High
 - Depressional - Medium
 - Depressional - Low
 - Riverine - High
 - Riverine - Medium
 - Lacustrine - High
 - Lacustrine - Medium
- Study Area

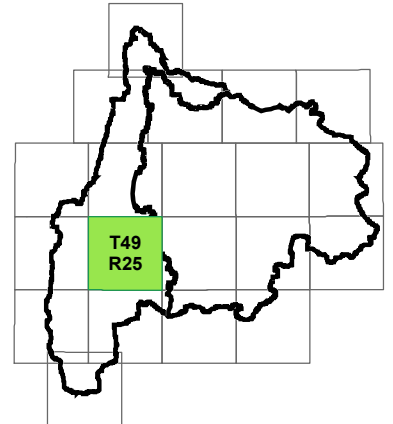


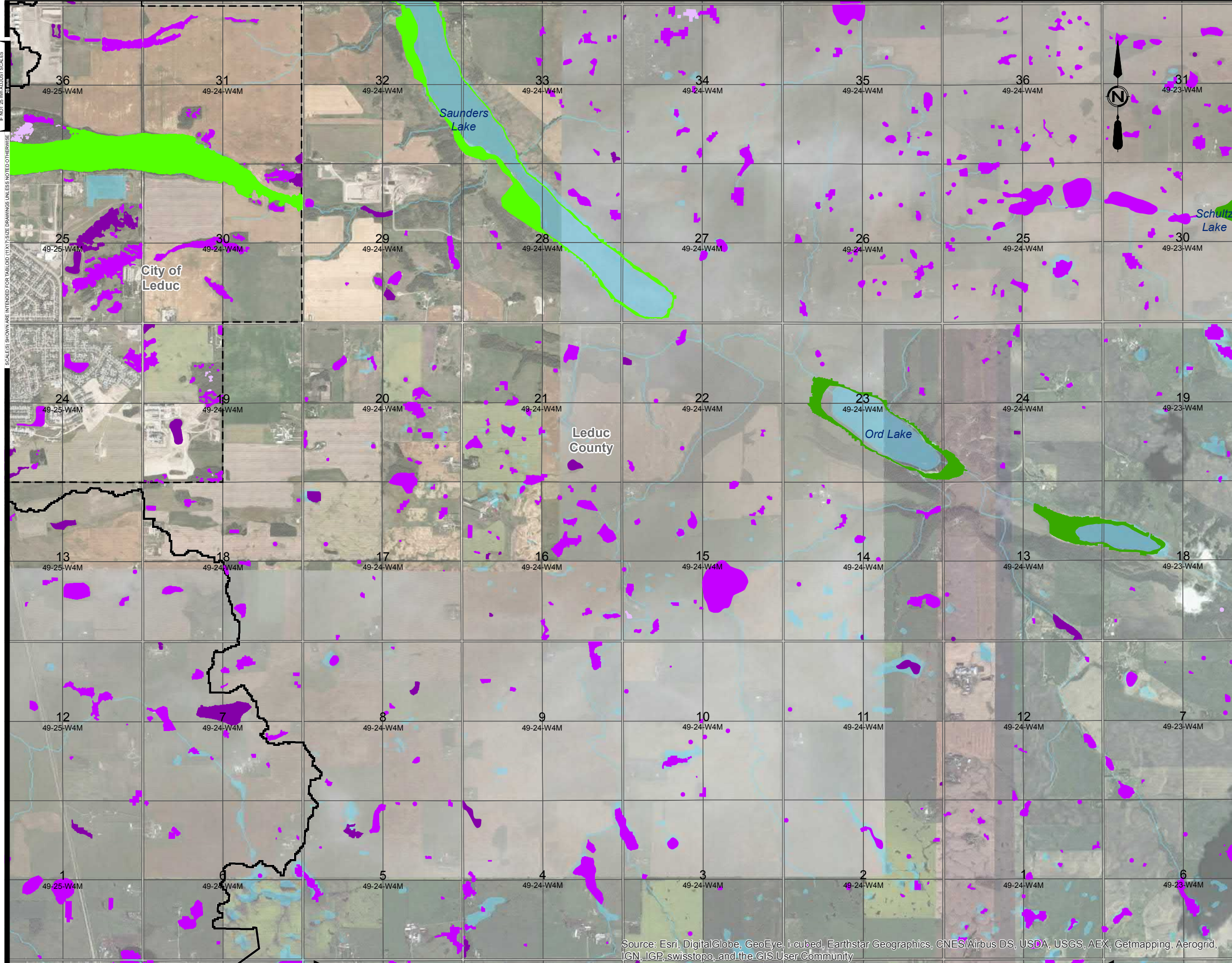
FIGURE No. E-12
 BLACKMUD/WHITEMUD CREEK
 WATERSHED MANAGEMENT STUDY
 WETLAND INVENTORY & FUNCTION ANALYSIS
 WATER QUALITY FUNCTIONS

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SCALE(S) SHOWN ARE INTENDED FOR TABLORD (11X17) SIZE DRAWINGS UNLESS NOTED OTHERWISE



Legend:
Hydrogeomorphic (HGM) Wetland Classification - Water Quality Function

- Depressional - High
- Depressional - Medium
- Depressional - Low
- Riverine - High
- Riverine - Medium
- Lacustrine - High
- Lacustrine - Medium
- Study Area

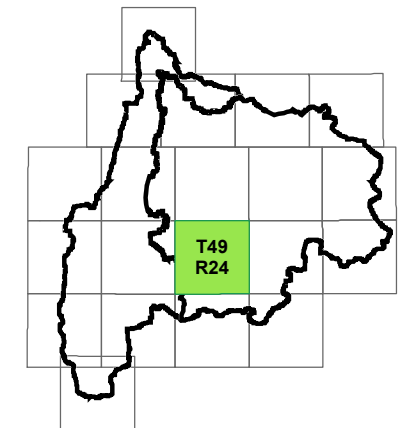
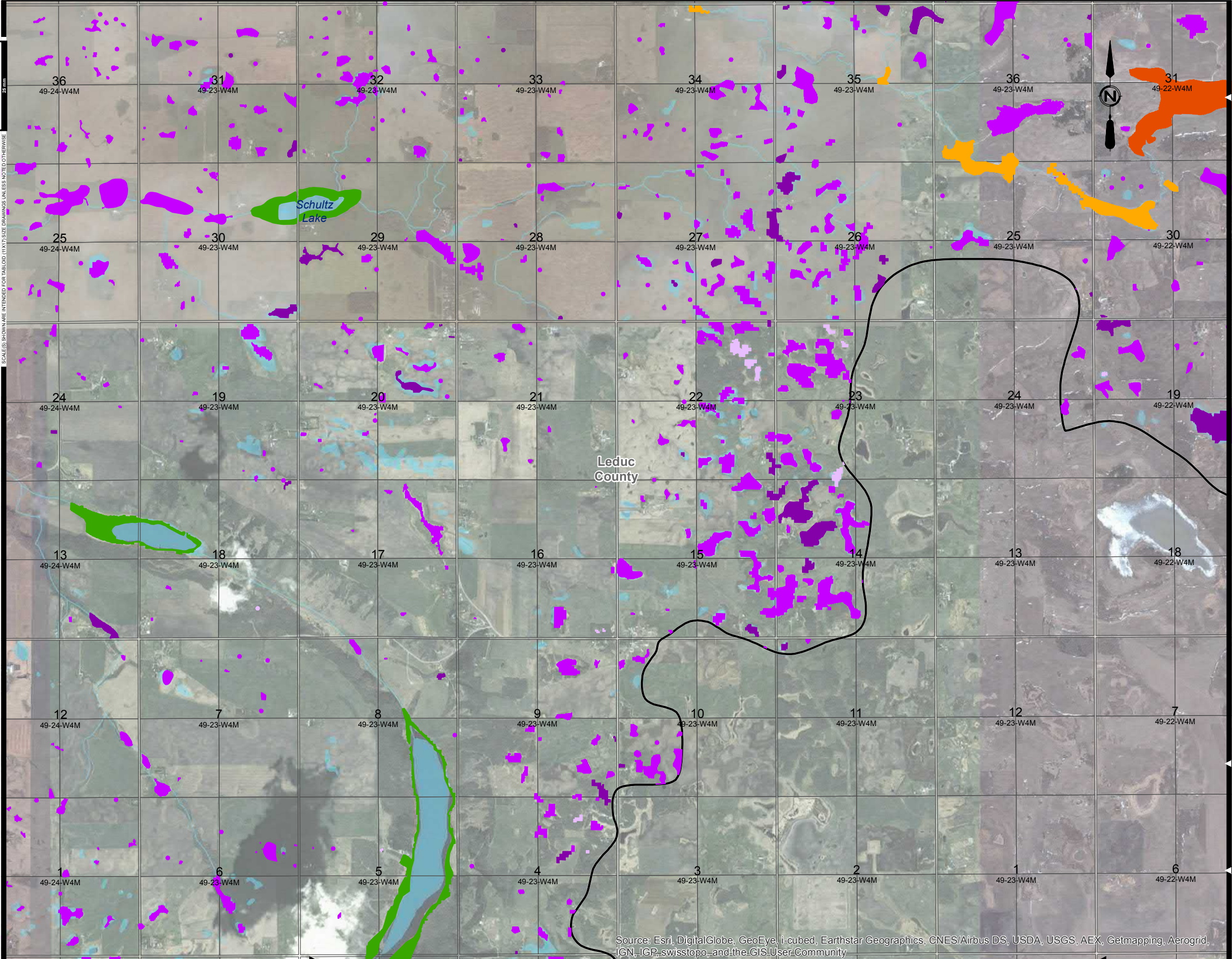


FIGURE No. E-13
BLACKMUD/WHITEMUD CREEK
WATERSHED MANAGEMENT STUDY
WETLAND INVENTORY & FUNCTION ANALYSIS
WATER QUALITY FUNCTIONS

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- Legend:
- Hydrogeomorphic (HGM) Wetland Classification - Water Quality Function
- Depressional - High
 - Depressional - Medium
 - Depressional - Low
 - Riverine - High
 - Riverine - Medium
 - Lacustrine - High
 - Lacustrine - Medium
 - Study Area

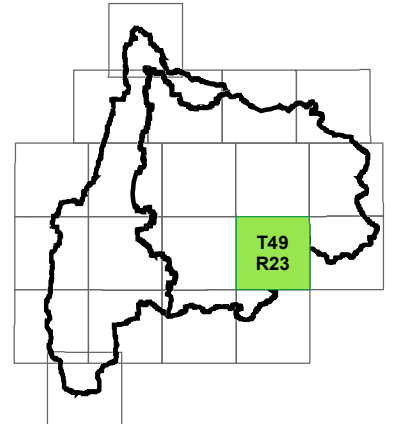


FIGURE No. E-14

BLACKMUD/WHITEMUD CREEK
WATERSHED MANAGEMENT STUDY

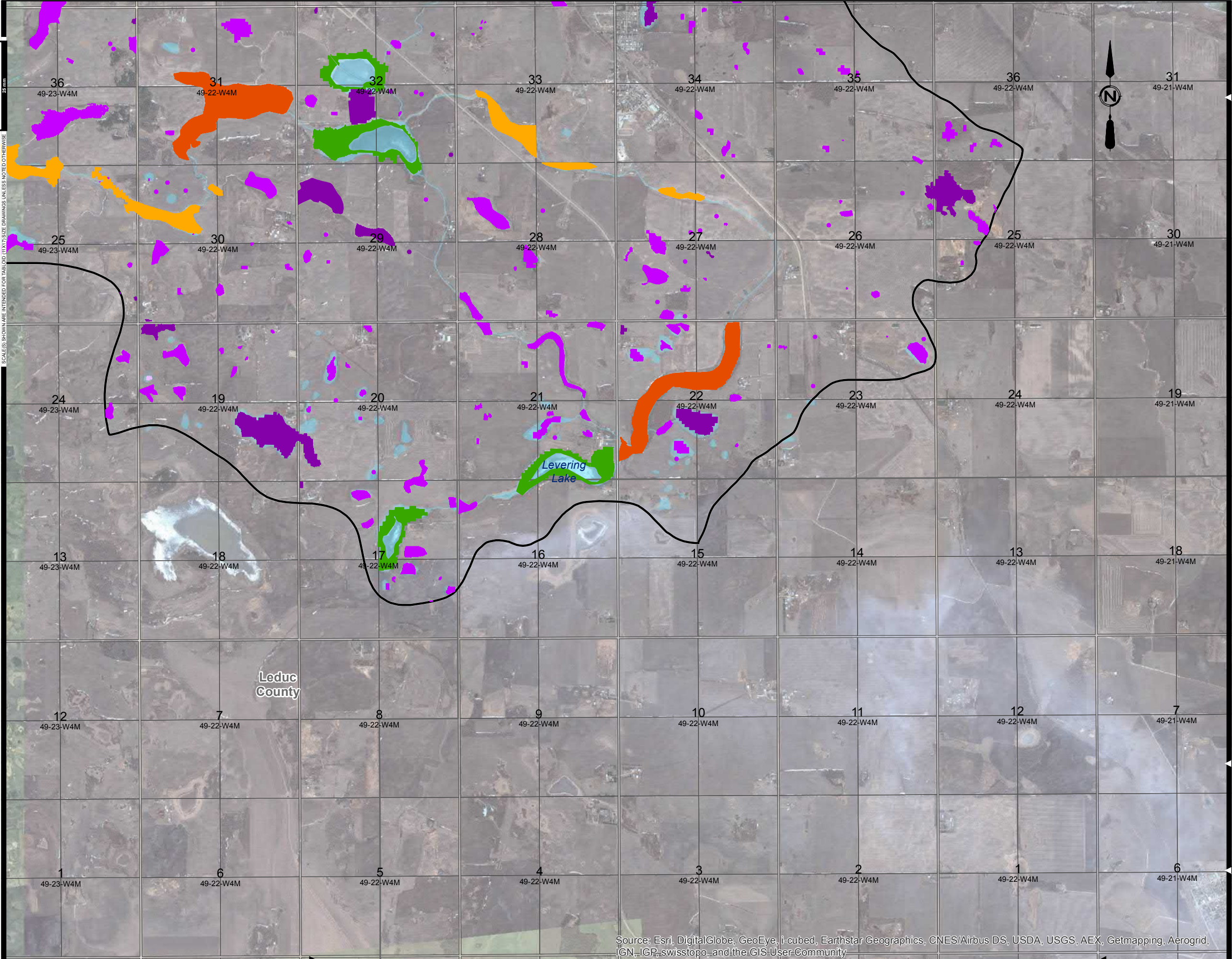
WETLAND INVENTORY & FUNCTION ANALYSIS
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- Legend:**
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- Depressional - High
 - Depressional - Medium
 - Depressional - Low
 - Riverine - High
 - Riverine - Medium
 - Lacustrine - High
 - Lacustrine - Medium
 - Study Area

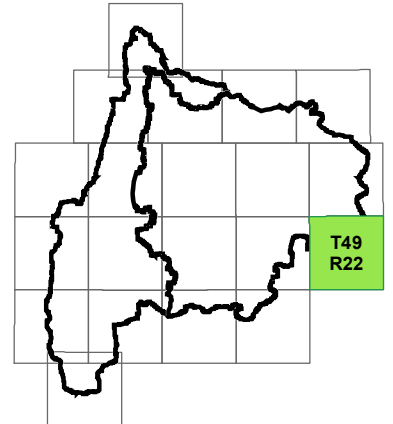


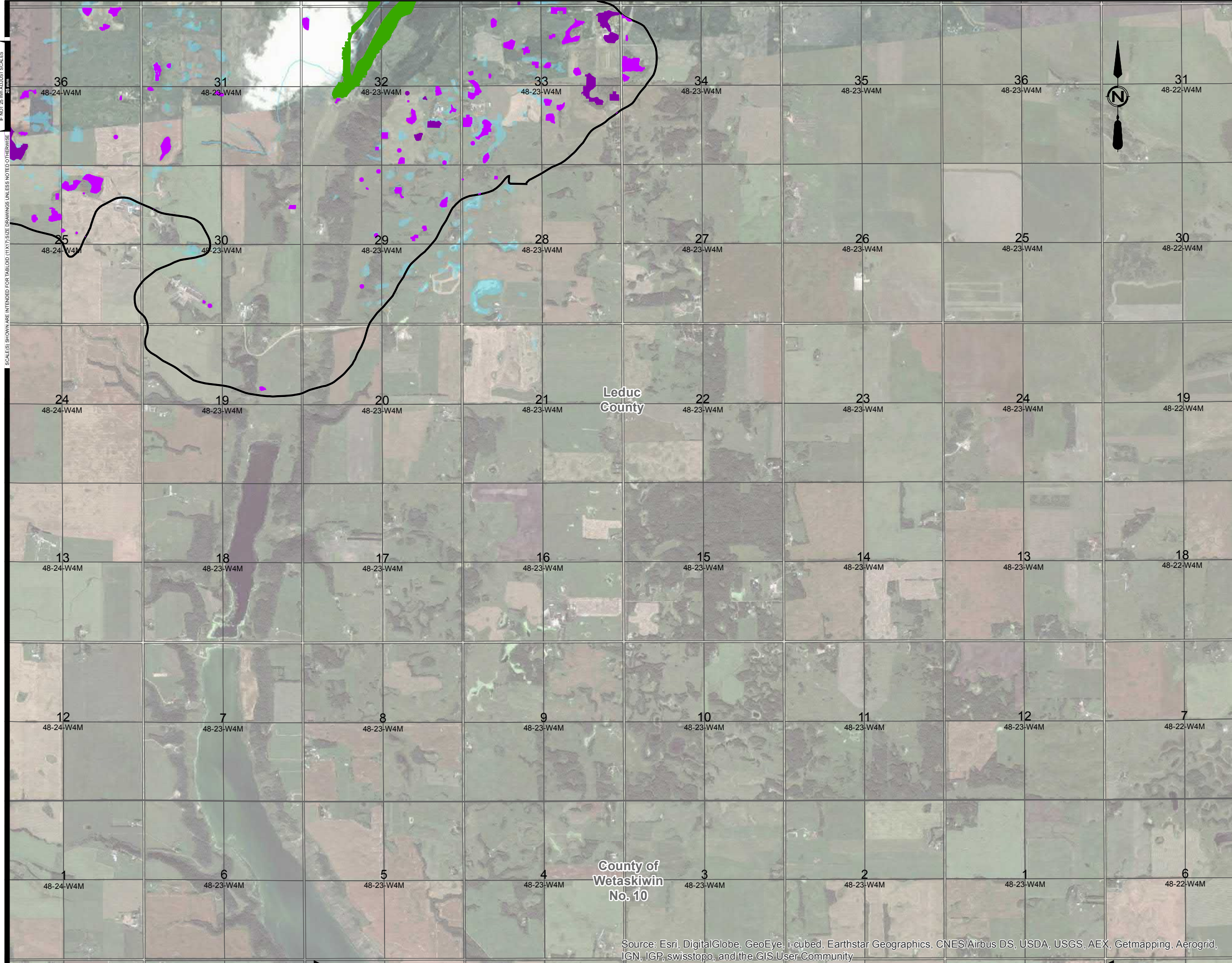
FIGURE No. E-15
 BLACKMUD/WHITEMUD CREEK
 WATERSHED MANAGEMENT STUDY
 WETLAND INVENTORY & FUNCTION ANALYSIS
 WATER QUALITY FUNCTIONS

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Legend:
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- Depressional - High
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- Riverine - High
- Riverine - Medium
- Lacustrine - High
- Lacustrine - Medium
- Study Area

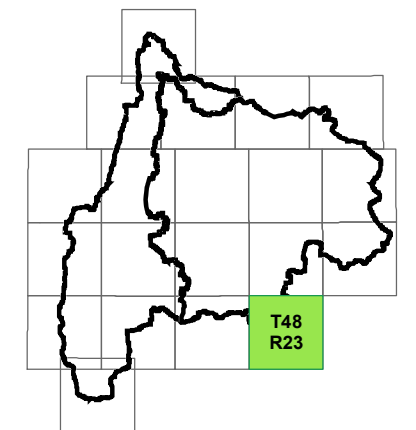
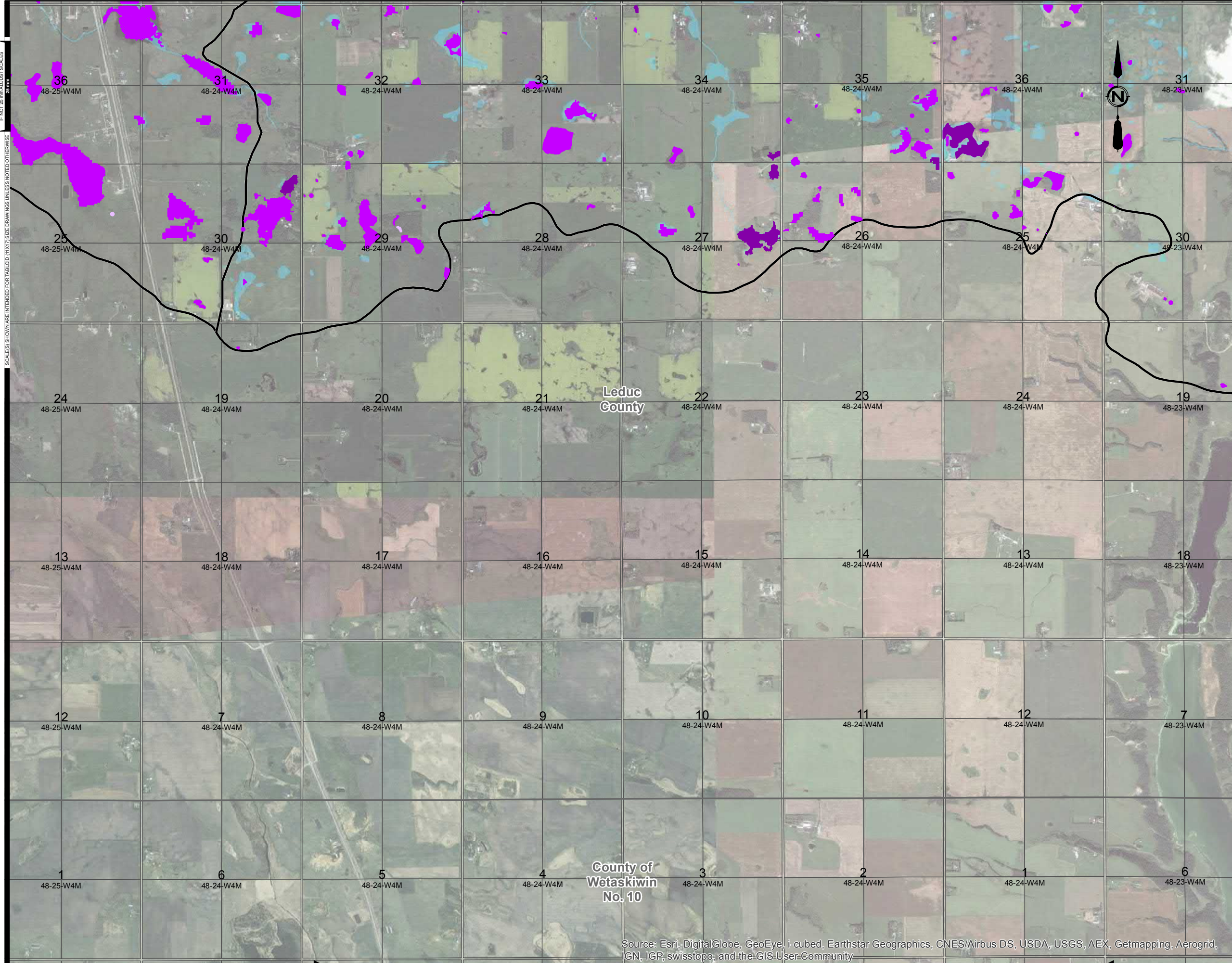


FIGURE No. E-16
BLACKMUD/WHITEMUD CREEK
WATERSHED MANAGEMENT STUDY
WETLAND INVENTORY & FUNCTION ANALYSIS
WATER QUALITY FUNCTIONS

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- Riverine - High
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- Lacustrine - High
- Lacustrine - Medium
- Study Area

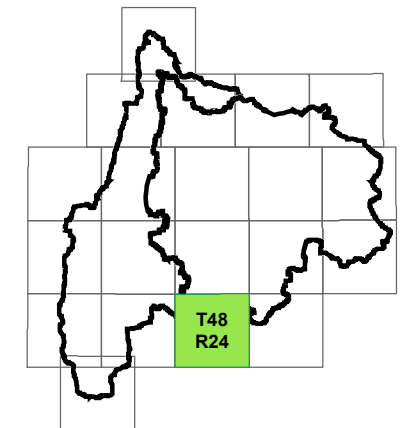
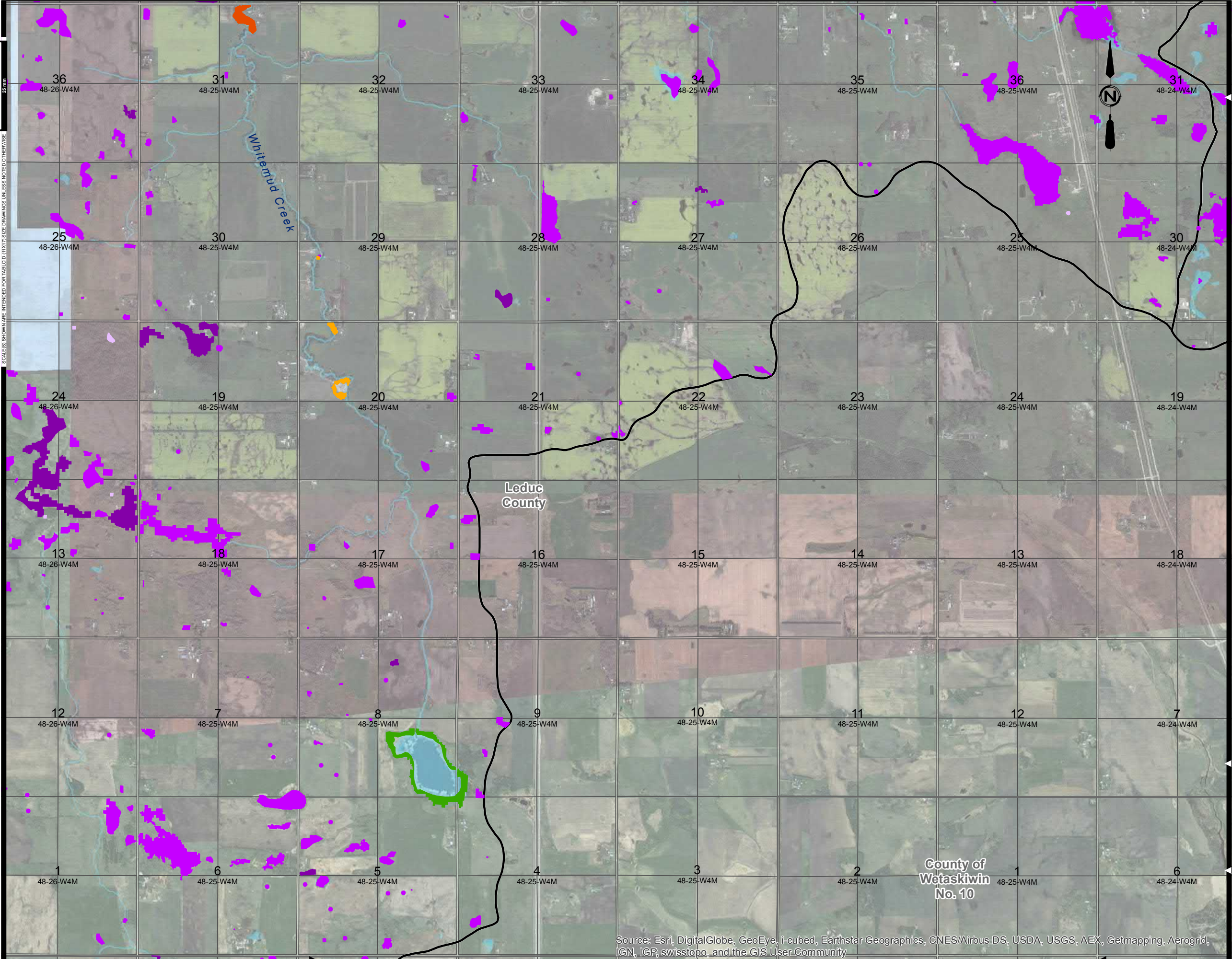


FIGURE No. E-17
BLACKMUD/WHITEMUD CREEK
WATERSHED MANAGEMENT STUDY
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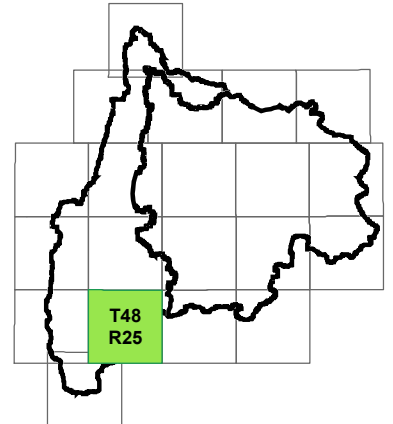


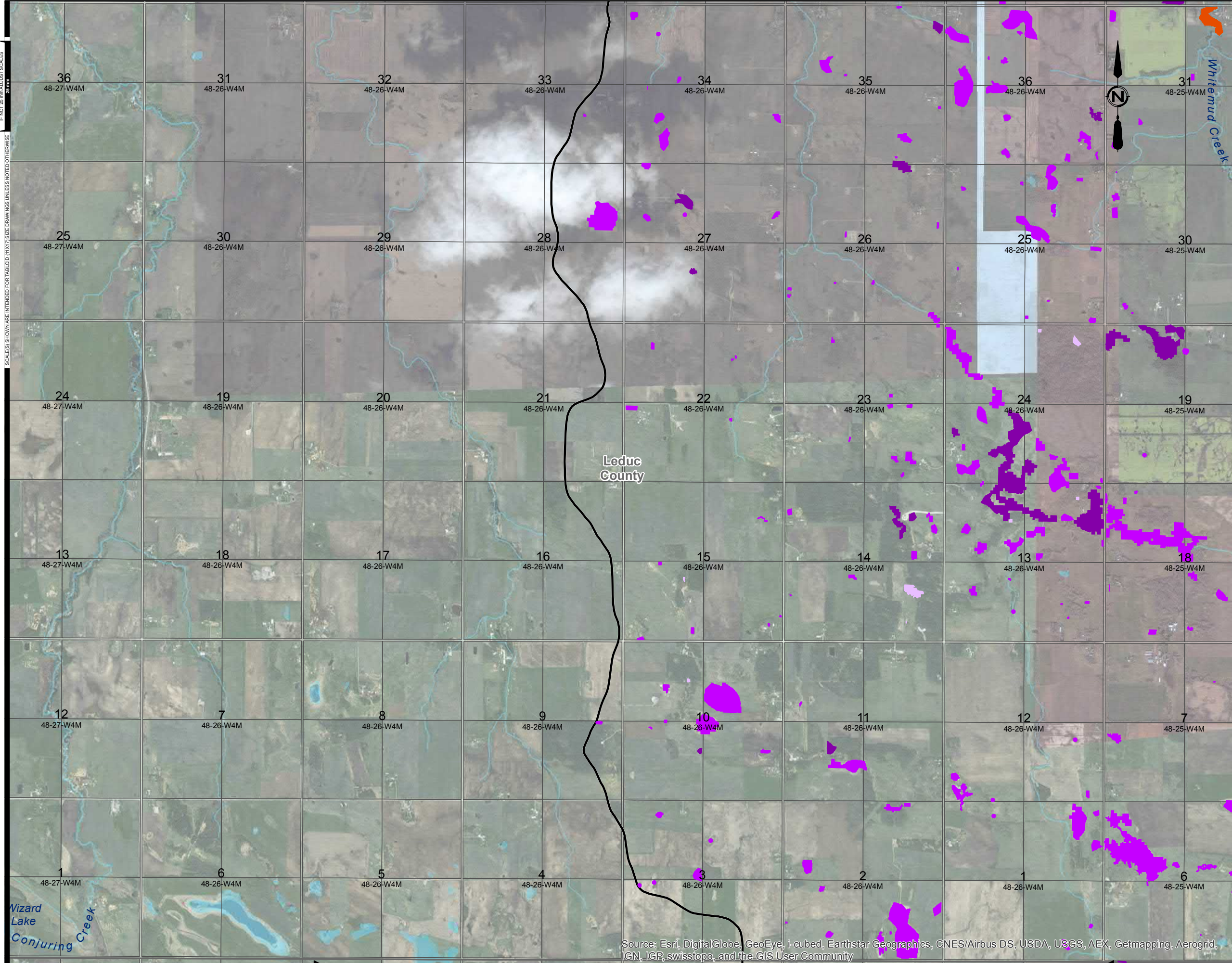
FIGURE No. E-18
 BLACKMUD/WHITEMUD CREEK
 WATERSHED MANAGEMENT STUDY
 WETLAND INVENTORY & FUNCTION ANALYSIS
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REV DESCRIPTION	ISSUED FOR REPORT

Source: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

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 DATE: 2016-10-05

IF NOT 20 mm AS SHOWN SCALES
 SCALES(S) SHOWN ARE INTENDED FOR TABLOID (11X17) SIZE DRAWINGS UNLESS NOTICED OTHERWISE



- Legend:
- Hydrogeomorphic (HGM) Wetland Classification - Water Quality Function
- Depressional - High
 - Depressional - Medium
 - Depressional - Low
 - Riverine - High
 - Riverine - Medium
 - Lacustrine - High
 - Lacustrine - Medium
 - Study Area

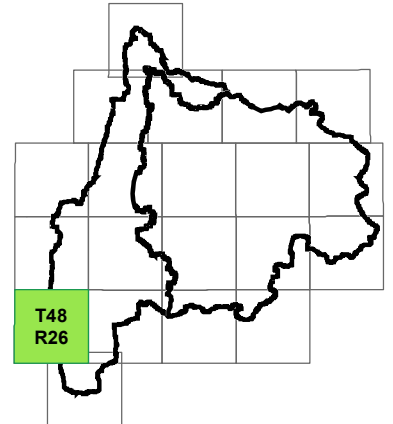


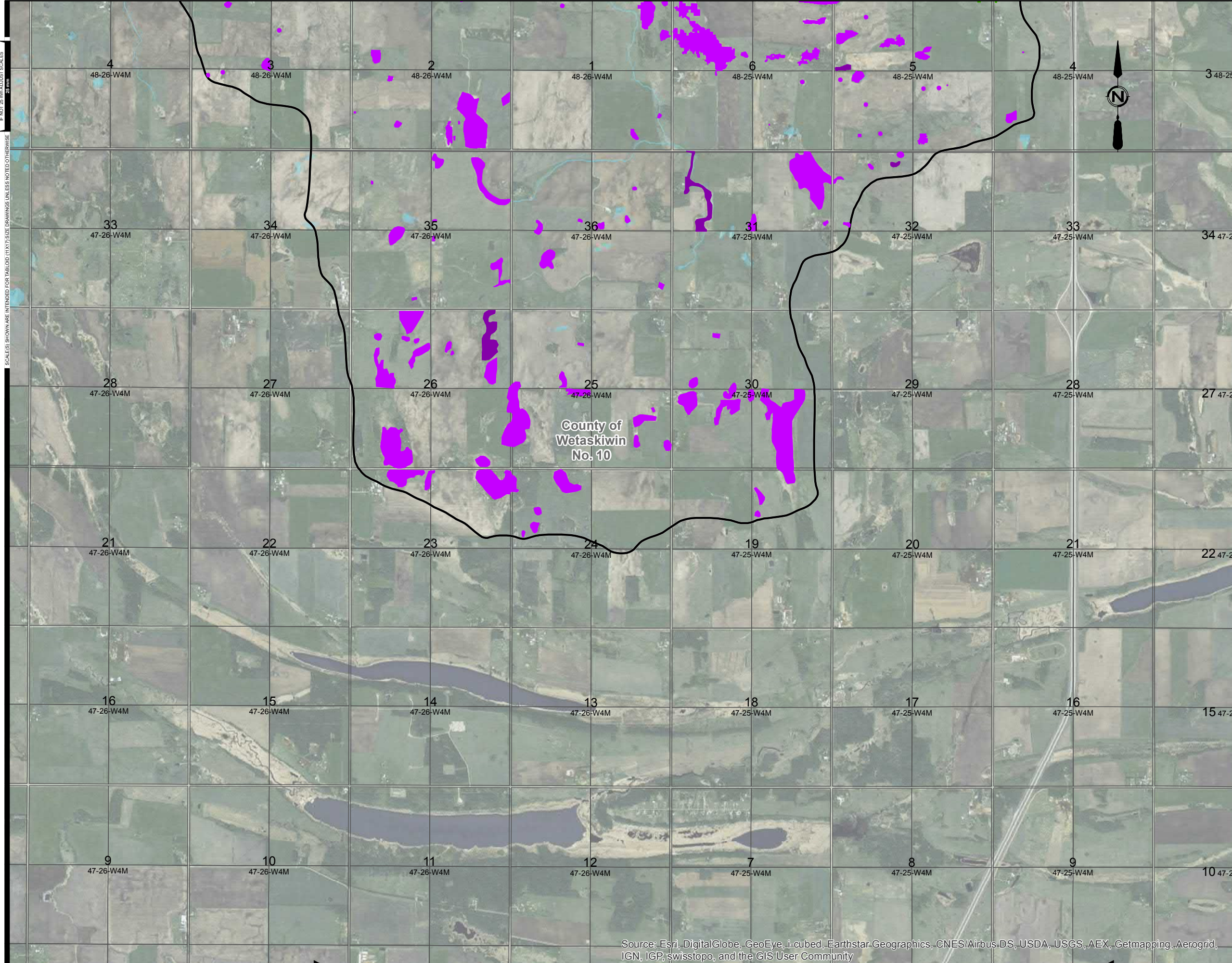
FIGURE No. E-19
 BLACKMUD/WHITEMUD CREEK
 WATERSHED MANAGEMENT STUDY
 WETLAND INVENTORY & FUNCTION ANALYSIS
 WATER QUALITY FUNCTIONS

AE PROJECT No.	2016-3785
SCALE	1:37,000
APPROVED DATE	2016 OCTOBER
REV DESCRIPTION	ISSUED FOR REPORT

Source: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

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 DATE: 2016-10-05

SCALES(S) SHOWN ARE INTENDED FOR TABLED (11X17) SIZE DRAWINGS UNLESS NOTED OTHERWISE
 IF NOT 20"=1" AS SHOWN SCALES



- Legend:**
- Hydrogeomorphic (HGM) Wetland Classification - Water Quality Function
- Depressional - High
 - Depressional - Medium
 - Depressional - Low
 - Riverine - High
 - Riverine - Medium
 - Lacustrine - High
 - Lacustrine - Medium
- Study Area

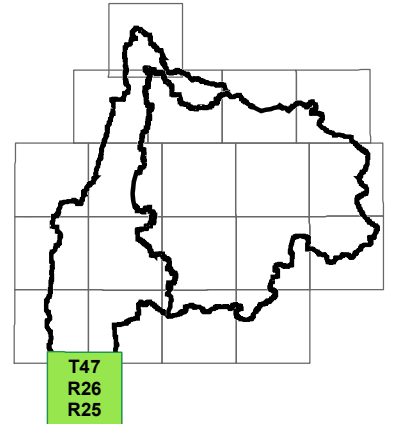


FIGURE No. E-20
 BLACKMUD/WHITEMUD CREEK
 WATERSHED MANAGEMENT STUDY
 WETLAND INVENTORY & FUNCTION ANALYSIS
 WATER QUALITY FUNCTIONS

AE PROJECT No.	2016-3785
SCALE	1:37,000
APPROVED DATE	2016 OCTOBER
REV DESCRIPTION	ISSUED FOR REPORT

Source: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar-Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

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 DATE: 2016-10-05

IF NOT AS SHOWN SCALES
 SCALES ARE INTENDED FOR TABLET (11X17) SIZE DRAWINGS UNLESS NOTED OTHERWISE