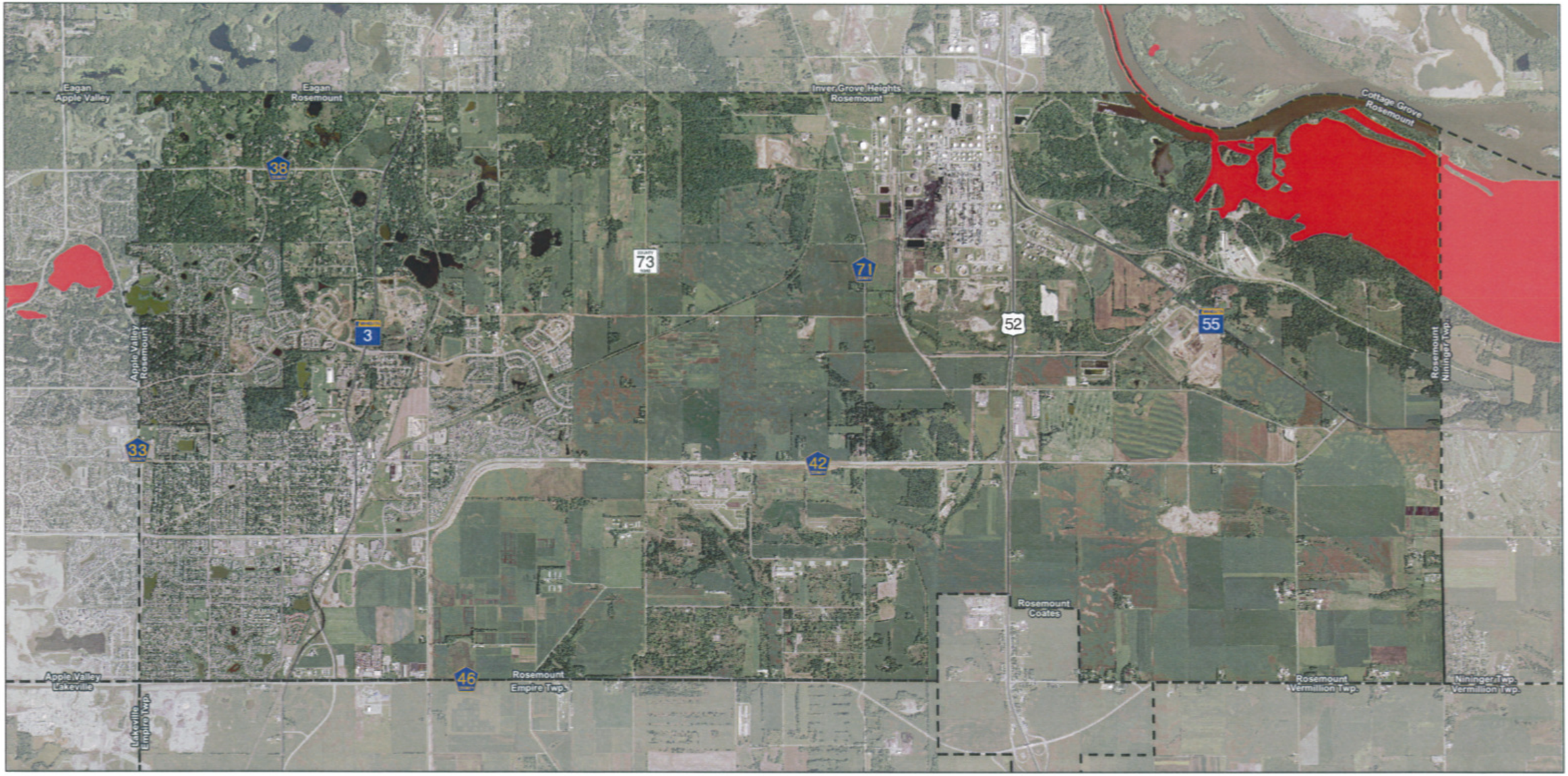
File: K:\01668-12\GIS\Maps\Figures\Figure III-9R_Water Quality Monitoring.mxd, Mar 22, 2007 10:51:55 AM




Source: Minnesota Pollution Control Agency

ROSEMOUNT
MINNESOTA

*Surface Water Management Plan*

## *Location of Impaired Waters*

## *Figure III-9*

**Legend**

Corporate Boundary

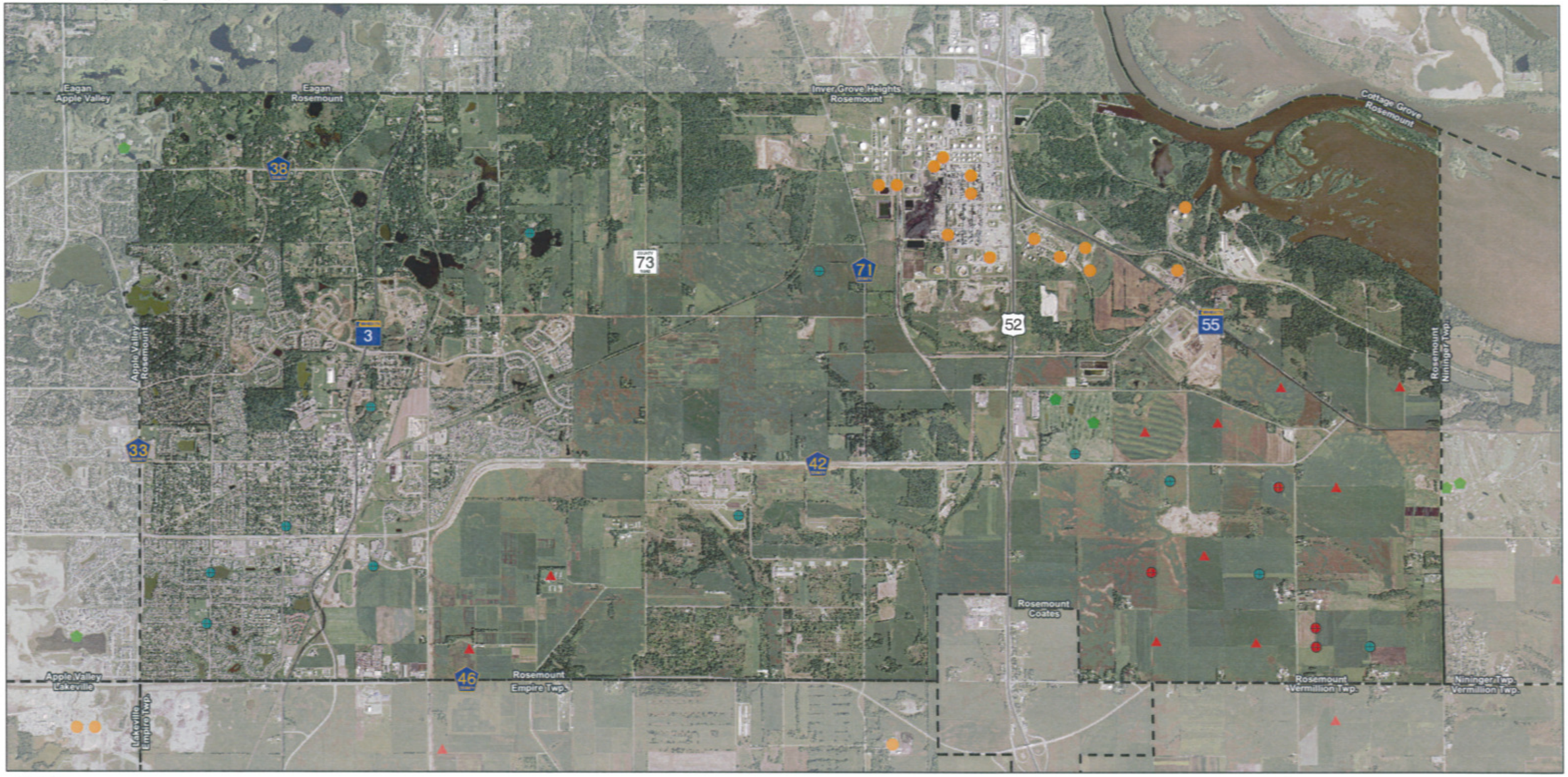
Impaired Water

WSB & Associates, Inc.

N
W E
S

0 1,750 3,500 7,000 Feet

File: K:\01668-12\GIS\Maps\Figures\Figure III-10R_Ground Water Appropriations.mxd, Mar 22, 2007 10:59:11 AM




Source: MnDNR

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## Legend

- Irrigation Pivot
- Well
- Industrial Processing
- Major Crop Irrigation
- Non-crop Irrigation
- Corporate Boundary

WSB & Associates, Inc.

N
W E
S

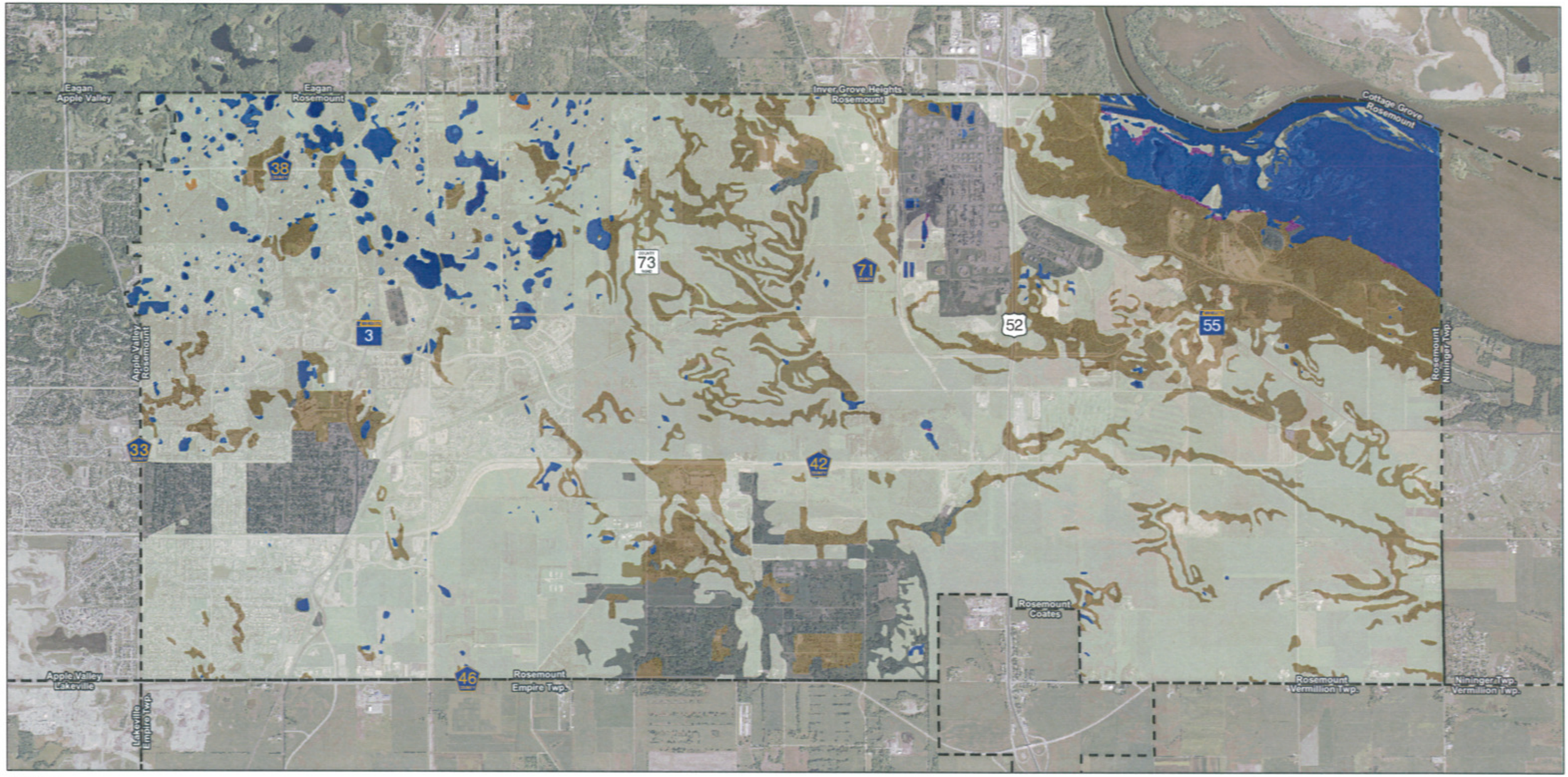
0 1,750 3,500 7,000 Feet

*Surface Water Management Plan*

# *Ground Water Wells Map*

# *Figure III-10*

File: K:\01668-12\GIS\Maps\Figures\Figure III-11R_Soils Classification.mxd, Mar 22, 2007 11:07:18 AM




Source: NRCS

## Legend

- Corporate Boundary
- A; A/D
- B; B/D
- C
- D
- Water/Wetland
- Other

WSB & Associates, Inc.

N W E S

0 1,750 3,500 7,000 Feet

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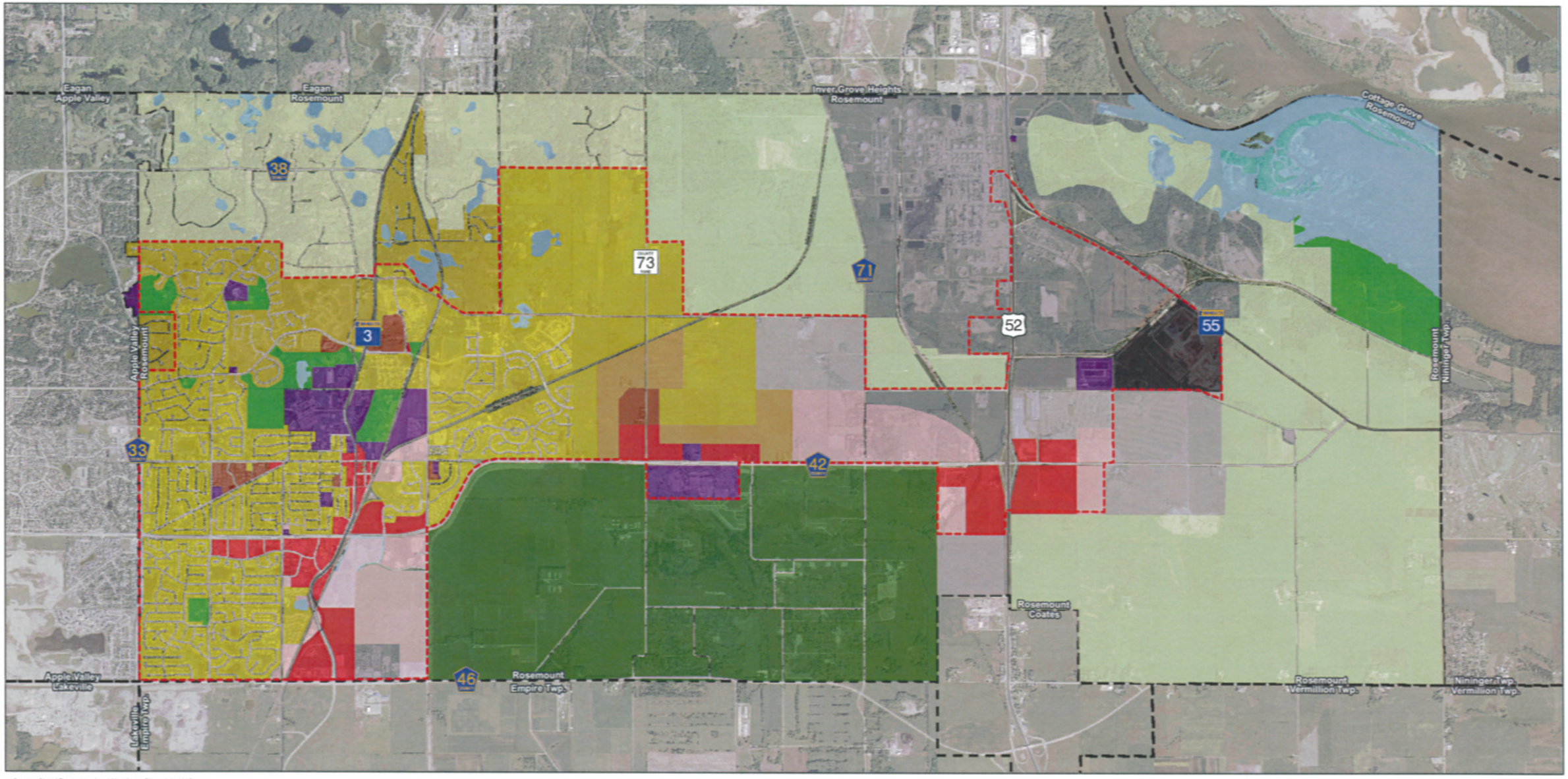
# *Hydrologic Soil Groups*

# *Figure III-11*

File: K:\01668-12\GIS\Maps\Figures\Figure III-12R_Existing Land Use.mxd, Aug 03, 2007 8:49:29 AM




Source: City of Rosemount Land Use Comp Plan - July 2007

## Legend

- Existing MUSA Line
- Corporate Boundary
- Agriculture
- Agriculture Research
- Rural Residential
- Urban Residential
- Transition Residential
- Medium Density Residential
- High Density Residential
- Public/Institutional
- Existing Parks/Open Space
- BP Business Park
- C Commercial
- IM Industrial/Mixed Use
- GI General Industrial
- WM Waste Management
- FP Flood Plain
- W Water

WSB & Associates, Inc.

N W E S

0 1,750 3,500 7,000 Feet

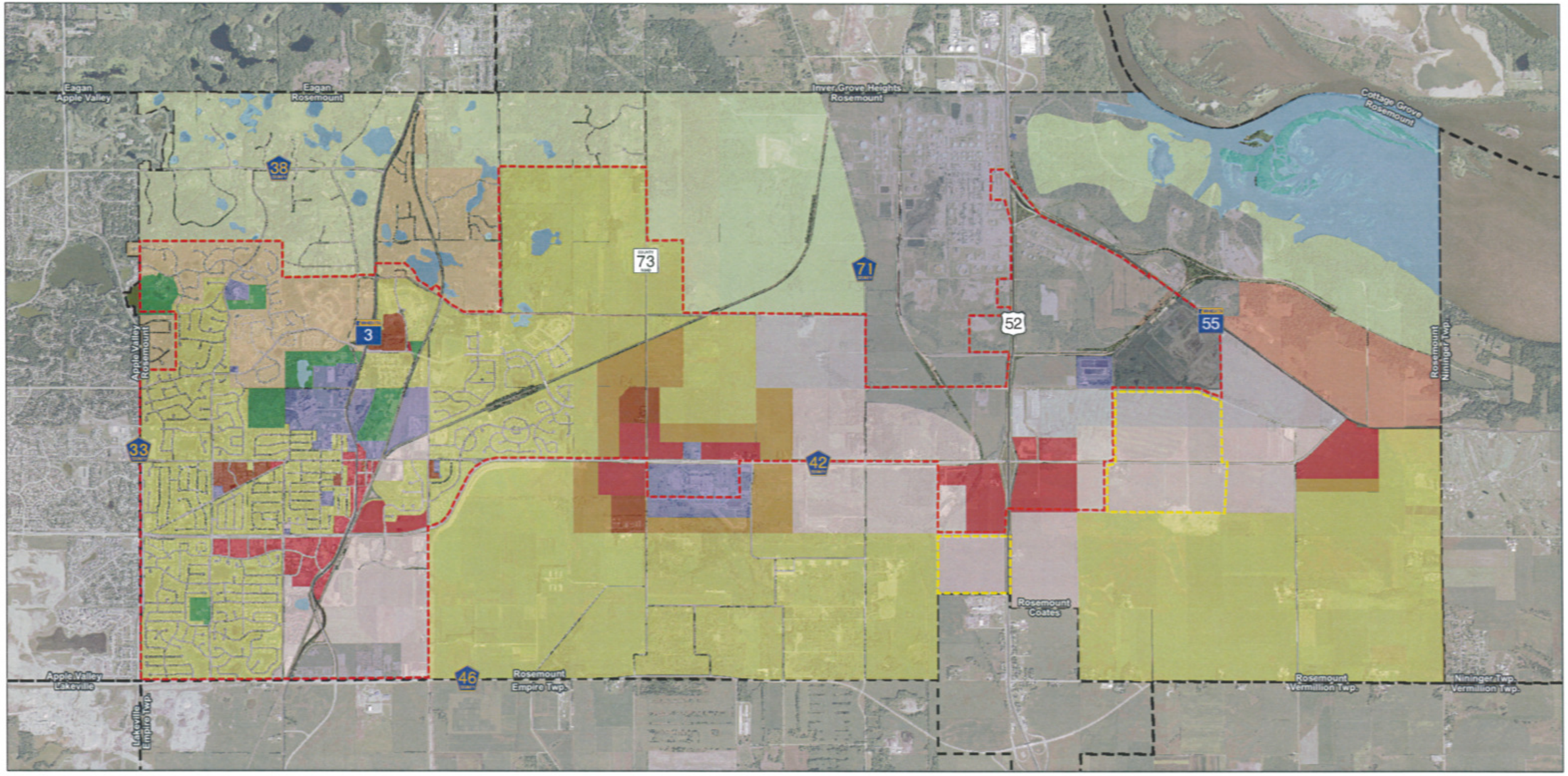
ROSEMOUNT MINNESOTA

*Surface Water Management Plan*

# *Existing Land Use*

# *Figure III-12*

File: K:\01668-12\GIS\Maps\Figures\Figure III-13R_Proposed Land Use.mxd, Aug 03, 2007 8:49:40 AM




Source: City of Rosemount Compe Plan with 42-52 Landuse - July 2007

## Legend

- Existing MUSA Line
- 2020 MUSA Line
- Corporate Boundary
- Agricultural
- Rural Residential
- Urban Residential
- Transitional Residential
- Medium Density Residential
- High Density Residential
- Public/Infrastructure
- Parks/Open Space
- Business Park
- Corporate Campus
- Commercial
- Industrial/Mixed Use
- General Industrial
- Waste Management
- Flood Plain
- Water

WSB & Associates, Inc.

N W E S

0 1,750 3,500 7,000 Feet

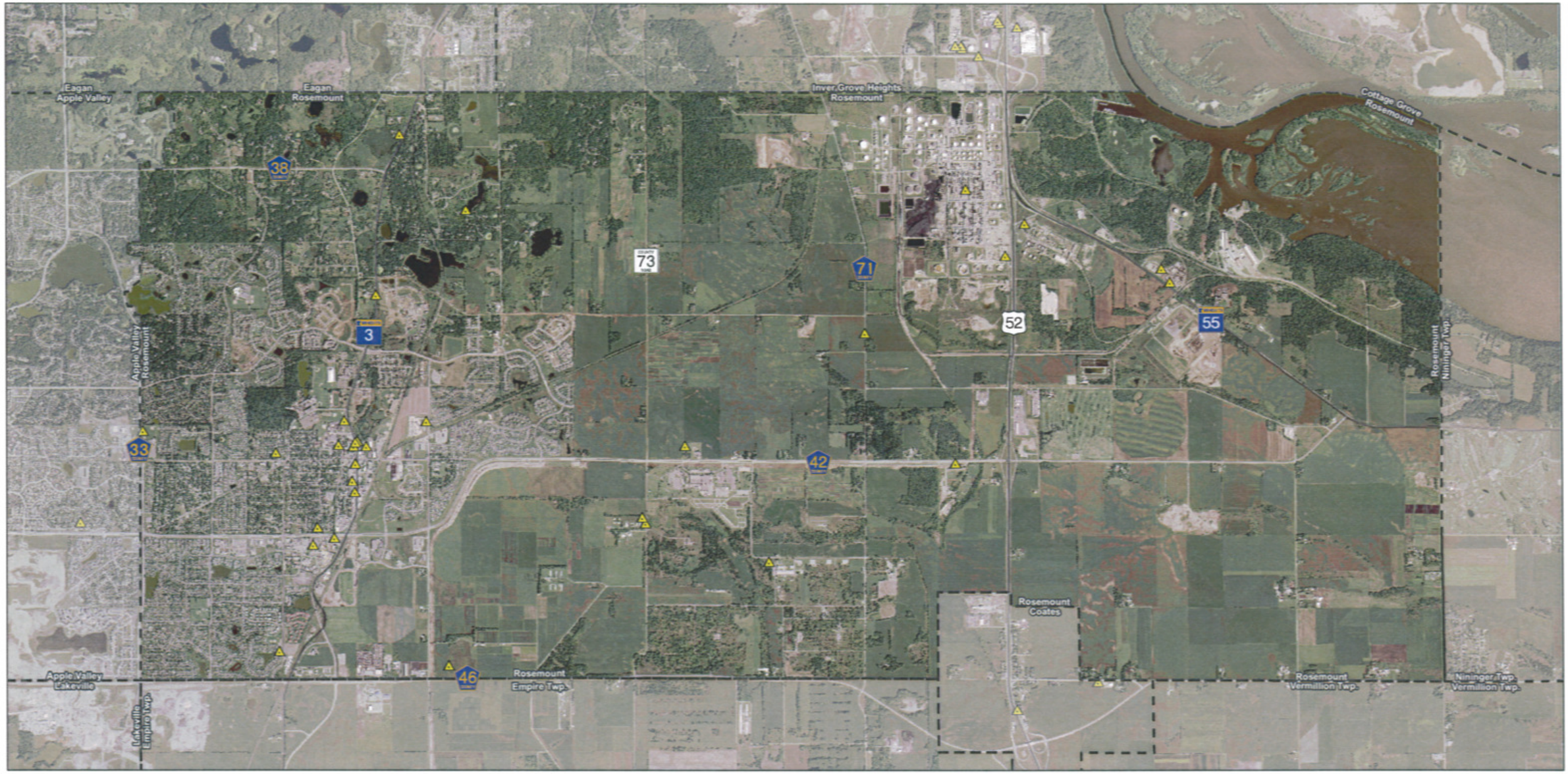
ROSEMOUNT MINNESOTA

*Surface Water Management Plan*

# *Proposed Land Use*

# *Figure III-13*

File: K:\01668-12\GIS\Maps\Figures\Figure III-14R_Pollutant Sources.mxd, Mar 22, 2007 11:21:16 AM




Source: Minnesota Pollution Control Agency

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## Legend

Leaking Underground Storage Tanks

Corporate Boundary

WSB & Associates, Inc.

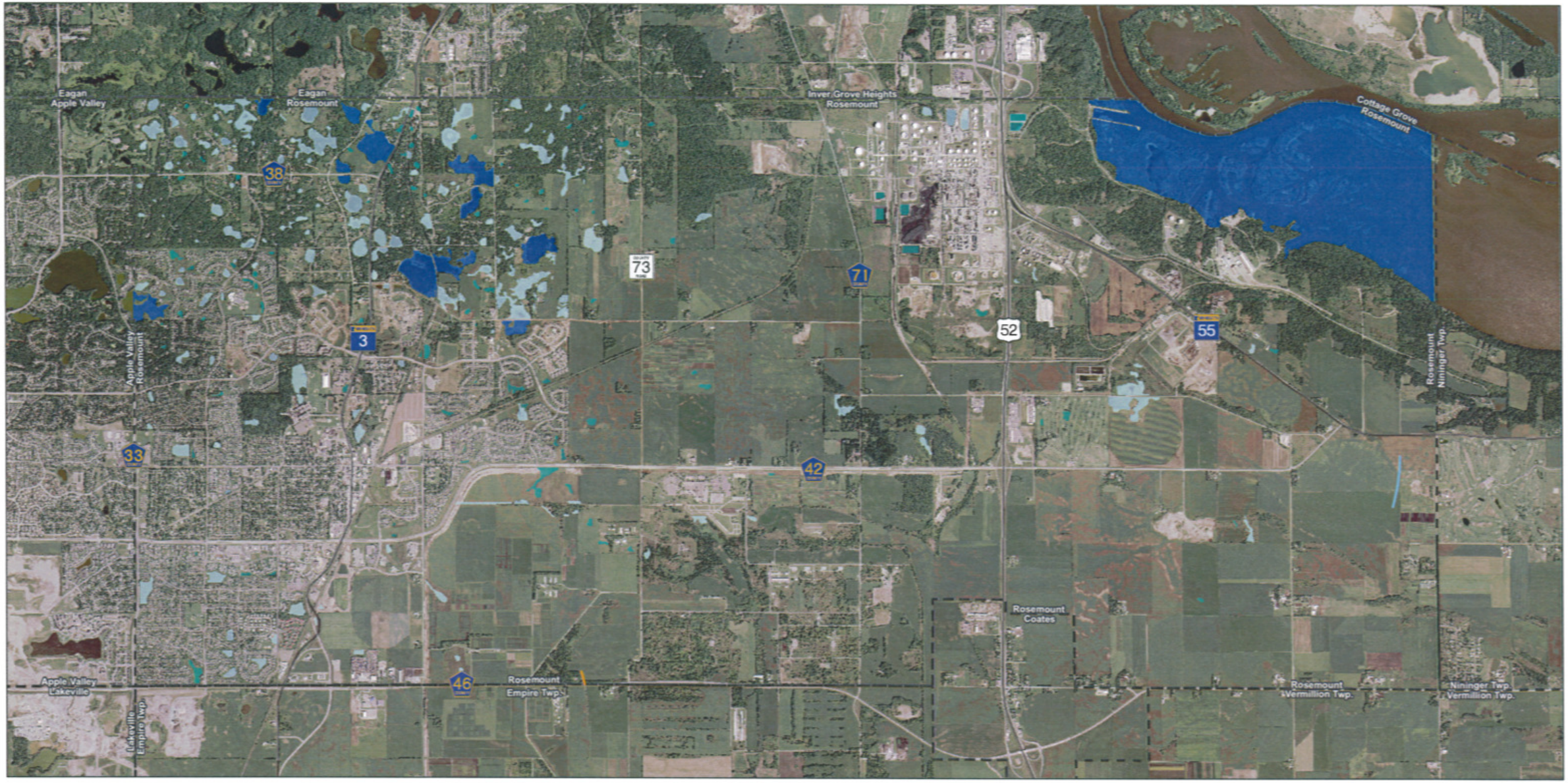
N
W E
S

0 1,750 3,500 7,000 Feet

*Surface Water Management Plan*

# *Pollutant Sources Location Map Figure III-14*

File: K:\01668-12\GIS\Maps\Figures\Figure III-15R_wetland quality.mxd, Jun 07, 2007 12:14:52 PM




Source: Dakota County Soil & Water Conservation District

## Legend

Corporate Boundary

Wetland Classification

- High Quality
- Medium Quality
- Low Quality

Tributary Connector to Vermillion River

Water Quality Corridor

WSB & Associates, Inc.

N W E S

0 1,750 3,500 7,000 Feet

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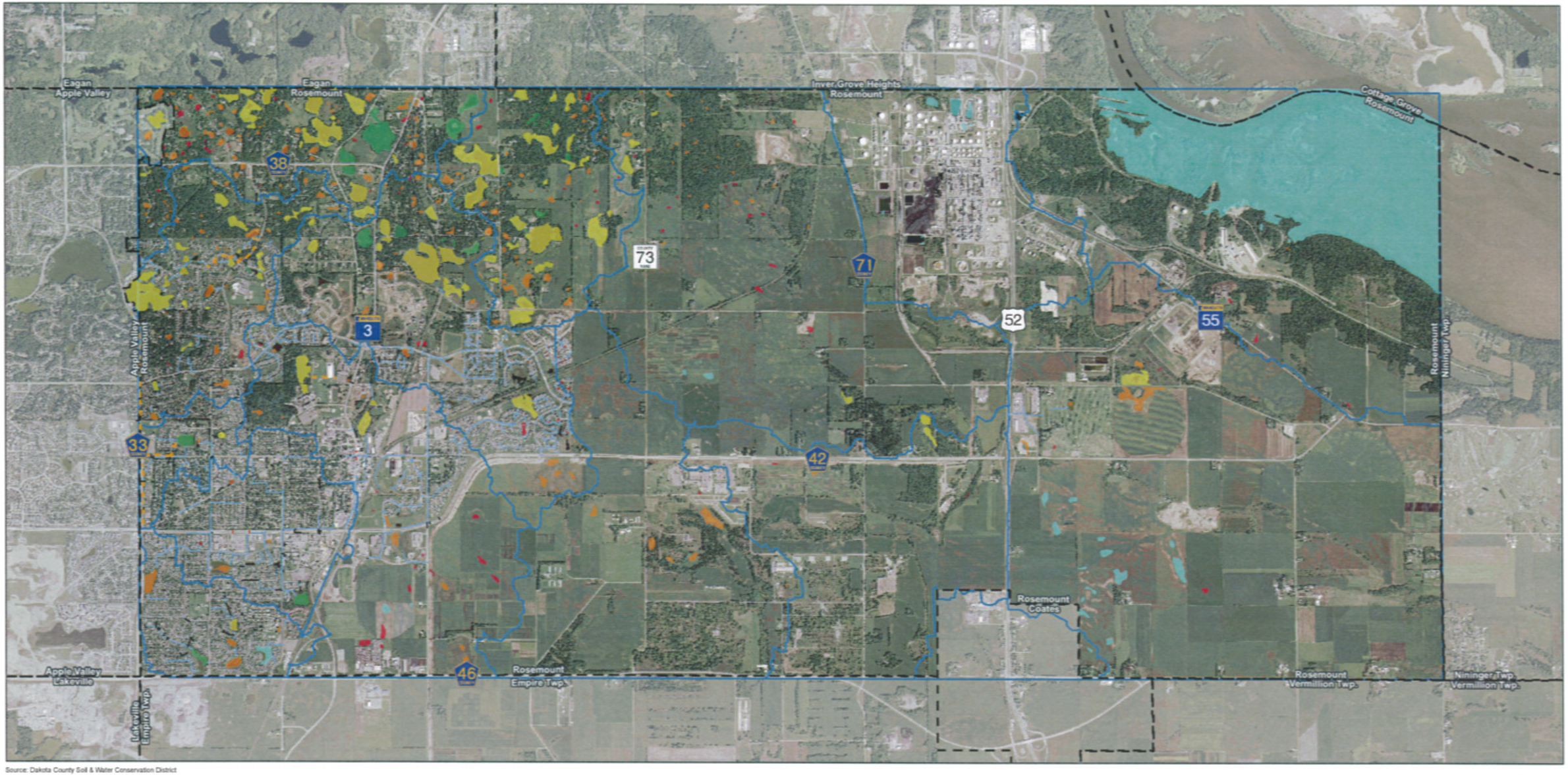
*Surface Water Management Plan*

# *Wetland and Water Course Inventory (VRWJPO)*

## *Figure III-15*

File: K:\01668-12\GIS\Maps\Figures\Figure III-16R_Wetland_Function_Assess.mxd, Jun 05, 2007 8:30:13 AM




Source: Dakota County Soil & Water Conservation District

## Legend

**Storm Sewer**

- Greater or Equal to 24"
- Force Main
- Not Enough Data
- Not Asbuilt
- **Corporate Boundary**

**City Wetland Classification**

- Utilize
- Manage 1
- Manage 2
- Preserve
- Not Field Verified
- Major Drainage Areas

N
W E
S

0 1,750 3,500 7,000 Feet

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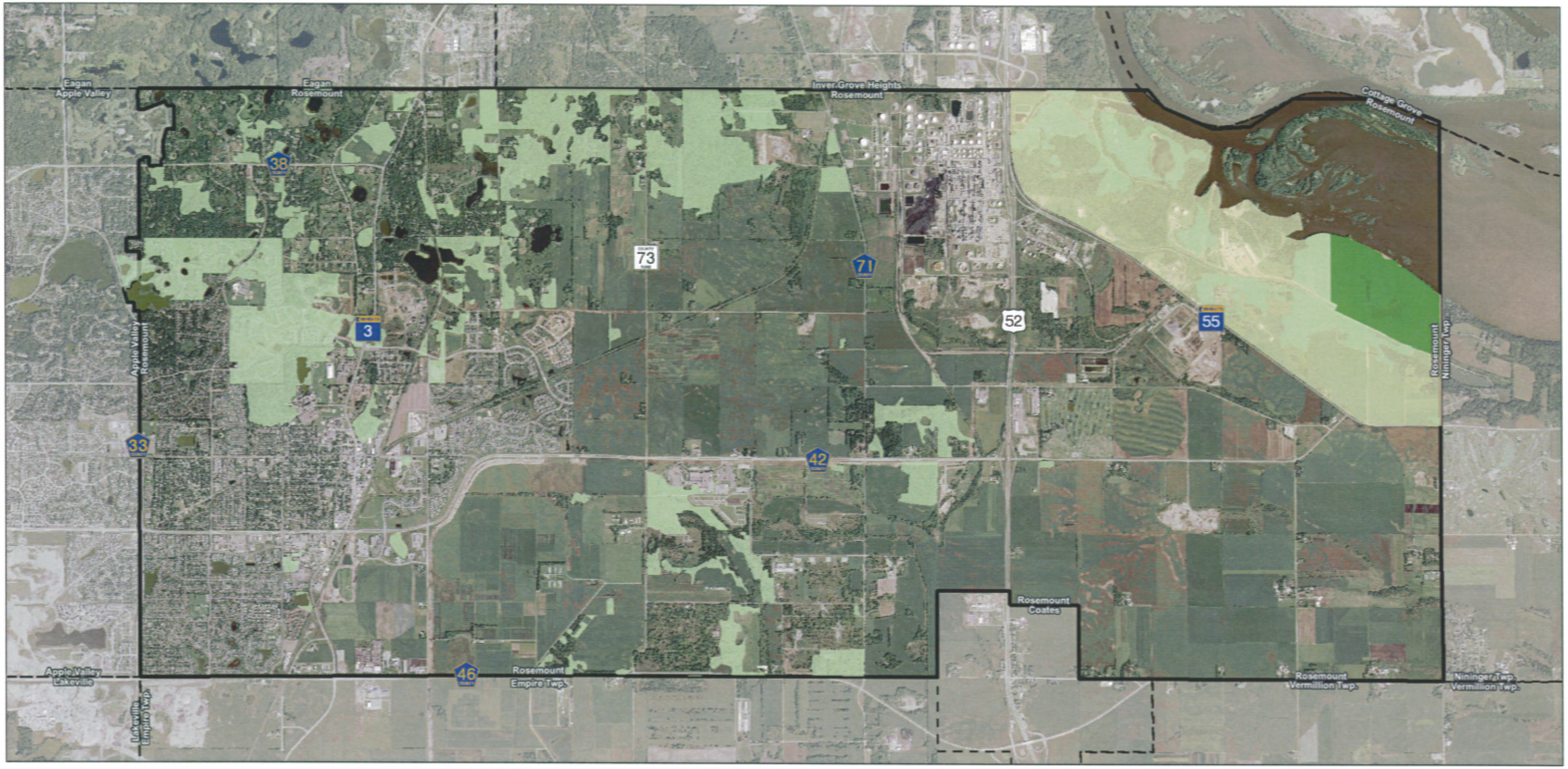
# *Wetland Function Assessment Figure III-16*

File: K:\01668-12\GIS\Maps\Figures\Figure III-17R_NaturalAreas.mxd, Jul 31, 2007 1:36:16 PM

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## *Sensitive and Natural Areas*

## *Figure III-17*

**Legend**

- High Value Natural Areas
- Minnesota National River and Recreational Area
- Dakota County Regional Park
- Corporate Boundary

WSB & Associates, Inc.

N
W E
S

0 1,750 3,500 7,000 Feet