

Information for File #2015-00135-RMM

Applicant: Vermillion River Watershed Joint Powers Organization

Corps Contact: Ryan Malterud

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Phone: (651) 290-5286

Primary County: Dakota

Section: 23

Township: 114 North

Range: 20 West

Information Complete On: January 12, 2015

Posting Expires On: February 8, 2015

Authorization Type: LOP-05-MN

This application is being reviewed in accordance with the practices for documenting Corps jurisdiction under Sections 9 & 10 of the Rivers and Harbor Act of 1899 and Section 404 of the Clean Water Act identified in Regulatory Guidance Letter 07-01. We have made a preliminary determination that the aquatic resources that would be impacted by the proposed project are regulated by the Corps of Engineers under Section 404 of the Clean Water Act. Our jurisdictional review and final jurisdictional determination could result in modifications to the scope of the project's regulated waterbody/wetland impacts and compensatory mitigation requirements identified above. Any approved jurisdictional determination made prior to reaching a permit decision will be posted on the St. Paul District web page at <http://www.mvp.usace.army.mil/>.

Project Description and Purpose (as stated by the applicant): This project will complete a 2,800 linear feet stream re-meander project that was partially constructed in 2005/2006 by the Minnesota Department of Natural Resources (DNR). The stream meanders were previously complete; however, the stream was never put online and tied back into the existing channel due to the impact of a culvert on 195th Street (CSAH 64). The stream was left in a partially completed state and has been in this condition in 2006.

The overall goal of this project is to complete the re-meander tie-in and adjust the grade of the DNR proposed channel. The proposed work includes a two tier excavation process

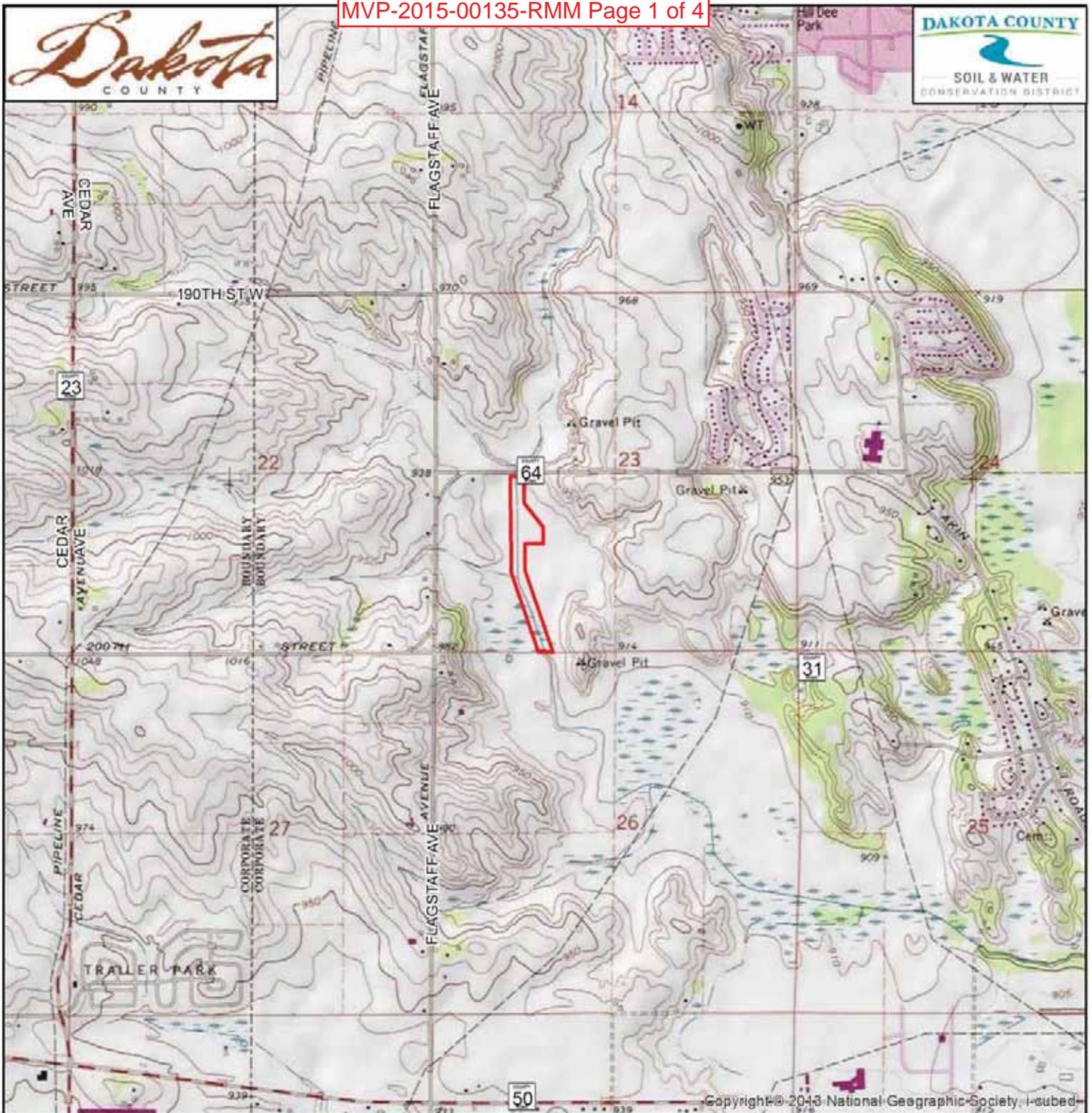
for the proposed channel. The centerline of the channel will consist of a 5' bottom width, 2.5' high, and 1:1 side slopes. The second level of the new channel will be the floodplain bench, which will be excavated to prevent bank scour. The floodplain bench will be 15' wide on both sides of the channel, 2.5' high, and 1:1.5 side slopes. There will be four temporary rock checks that will be installed in the channel to prevent sediment deposits during construction. The excavated material from the channel construction will be used to fill 2,600 linear feet of the existing drainage ditch.

Name, Area and Types of Waters (Including Wetlands) Subject to Loss: The impacted aquatic resources include the following:

1. Drainage ditch – the impacts to the drainage ditch will be a result of fill activities impacting approximately 2,600 linear feet and 0.30 acre of the drainage ditch.
2. Wetland A (permanent) – the permanent impacts will be the result of 2.25 acres of excavation for the new channel.
3. Wetland A (temporary) – the temporary impacts will be the result of 0.20 acre of stockpiling.

Compensatory Mitigation: The applicant has not proposed compensatory mitigation for this project. The applicant believes there will be no functional loss to Wetland A or the drainage ditch. The applicant has stated the functions and services of the drainage ditch will be offset by the new meandering channel.

Drawings: Please see attached figures labeled MVP-2015-00135-RMM Page 1 of 4 through Page 4 of 4.

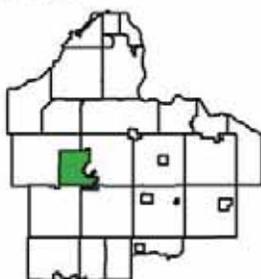


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PROJECT LOCATION



**Dakota County
State of Minnesota**



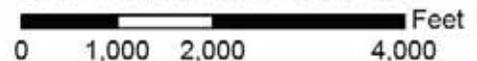
**City of Farmington
Dakota County, MN**

Legend

Project Area

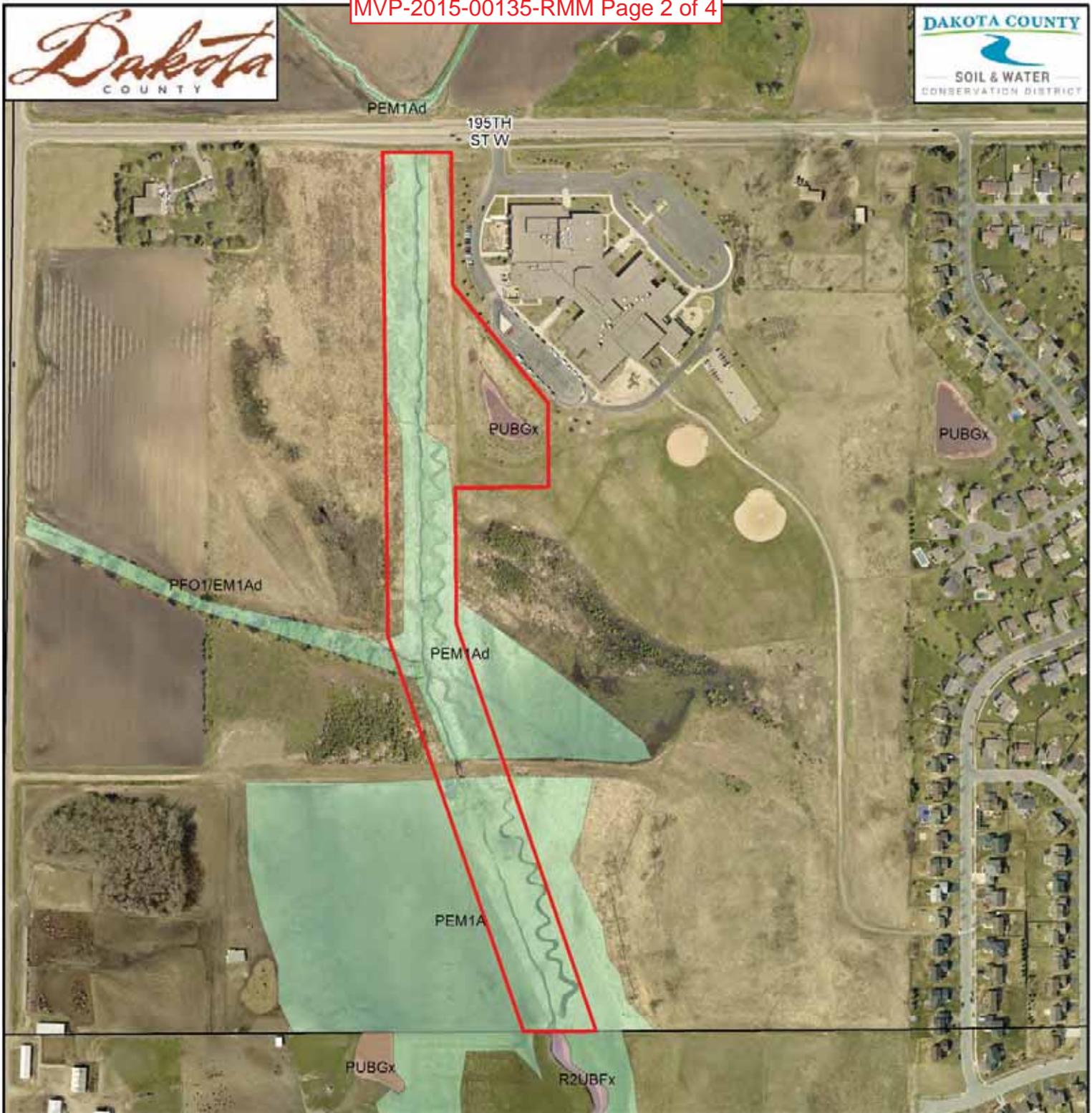
Section 23 T114 R20
Farmington, MN

Scale 1: 24,000; 1 Inch = 2,000 Feet



**FIGURE 1 - LOCATION
CSAH 64 Middle Creek Stream
Remeander Project**

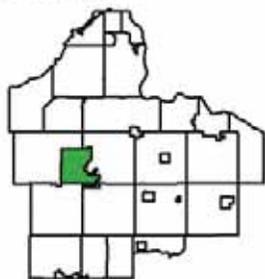
This drawing is neither a legally recorded map nor a survey and is not intended to be used as one. This drawing is a compilation of records, information and data located in various City, County, and State Offices and other sources, affecting the area shown, and is to be used for reference purposes only. Dakota County SWCD is not responsible for any inaccuracies herein contained. If discrepancies are found please contact the Dakota County Soil & Water Conservation District at 651.480.7777.



PROJECT LOCATION



**Dakota County
State of Minnesota**



**City of Farmington
Dakota County, MN**

Legend

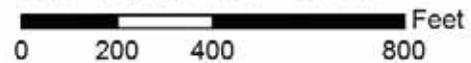
- Project Area
- National Wetland Inventory**
- Type 1
- Type 2
- Type 3
- Type 4
- Type 5
- Type 6
- Type 7
- Type 8

Section 23 T114 R20
Farmington, MN

PIN: 037-146575000010
PIN: 037-146575000040

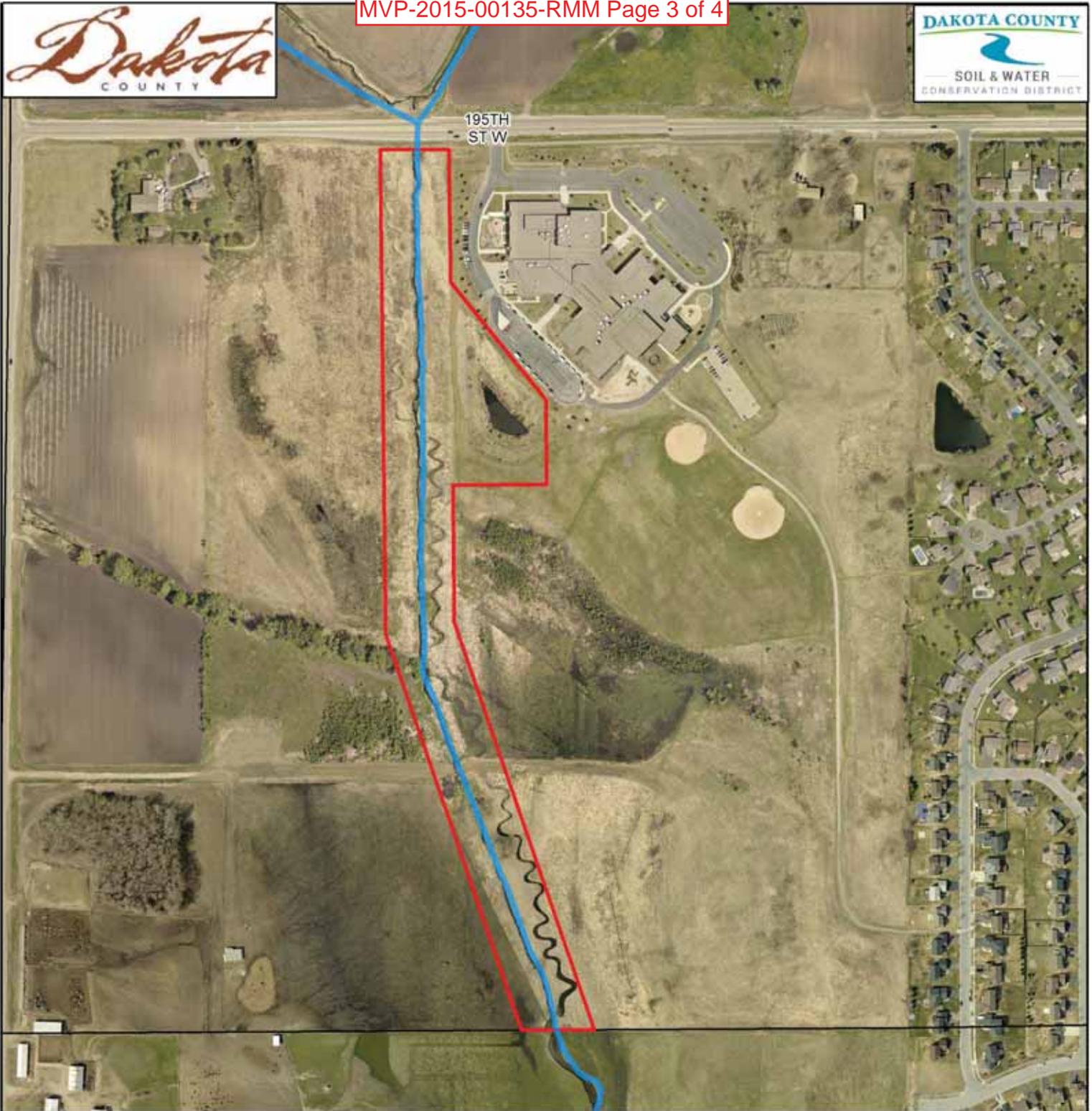
Source: (Aerial) Dakota County 2014, (NWI) MN DNR 2014

Scale 1: 4,800; 1 Inch = 400 Feet



**FIGURE 2 - National Wetland
Inventory (NWI)
CSAH 64 Middle Creek Stream
Remeander Project**

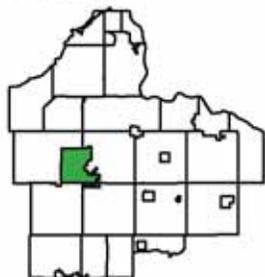
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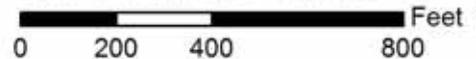
Legend

-  Project Area
-  DNR Public Waterways
-  DNR Public Waters

Section 23 T114 R20
Farmington, MN
PIN: 037-146575000010
PIN: 037-146575000040

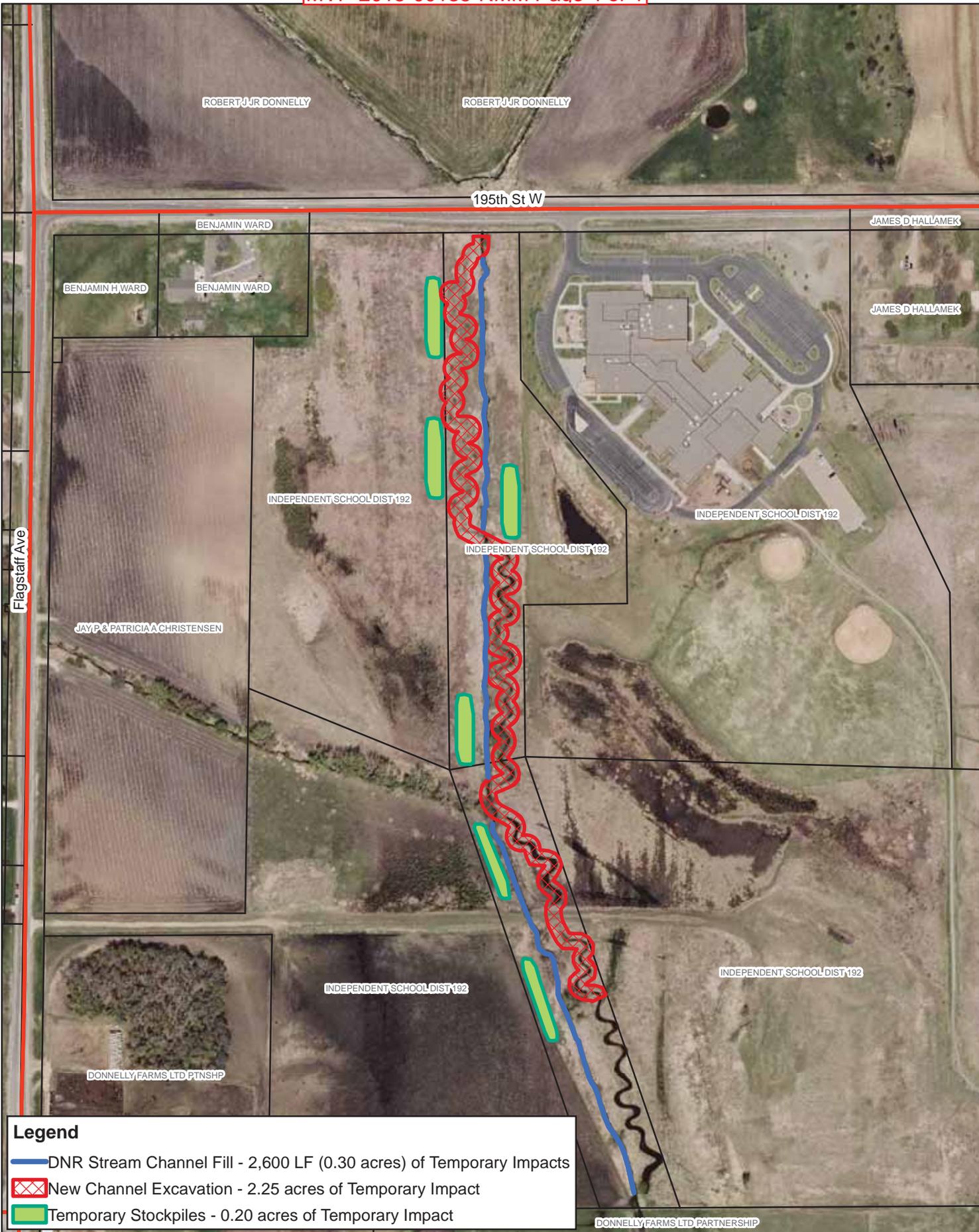
Source: (Aerial) Dakota County 2014, (PWI) MN DNR 2014

Scale 1: 4,800; 1 Inch = 400 Feet



**FIGURE 3 - Public Waters
Inventory (PWI)
CSAH 64 Middle Creek Stream
Remeander Project**

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Legend

- DNR Stream Channel Fill - 2,600 LF (0.30 acres) of Temporary Impacts
- New Channel Excavation - 2.25 acres of Temporary Impact
- Temporary Stockpiles - 0.20 acres of Temporary Impact



CSAH 64 Remeander Project - Impact Chart
 Farmington, Minnesota

