



— BUREAU OF —  
RECLAMATION

## Appendix A

# Figures

Final Environmental Assessment  
Dry-Redwater Rural Water Project, Montana  
Montana Area Office – Missouri Basin Region

## Appendix A

# Figures

Final Environmental Assessment  
Dry-Redwater Rural Water Project, Montana  
Montana Area Office – Missouri Basin Region

*prepared by:*

**United States Department of the Interior  
Bureau of Reclamation  
Montana Area Office**

**April 2025**

**MTAO-EA-2024-003**

# List of Figures

|  |    |
|--|----|
| Figure 1-1. Dry-Redwater Regional Water Authority Service Area Boundary.....       | 1  |
| Figure 1-2. DRWA Service Area Groundwater Quality.....                             | 2  |
| Figure 2-1. Project Study Area: Eastern Portion of DRWA Service Area .....         | 3  |
| Figure 2-2. Project Study Area: Western Portion of DRWA Service Area.....          | 4  |
| Figure 2-3. Proposed Fort Peck Water Treatment Plant Flow Diagram.....             | 5  |
| Figure 2-4. Proposed Missouri River Water Treatment Plant Flow Diagram .....       | 6  |
| Figure 3.4-1. Sub-Basin Watersheds (HUC-08) in the DRWA Service Area .....         | 7  |
| Figure 3.4-2. Well Data Locations Within DRWA Service Area.....                    | 8  |
| Figure 3.5-1. Geology in the DRWA Service Area.....                                | 9  |
| Figure 3.5-2. Major Sensitive Soil Units in the Project Study Area.....            | 10 |
| Figure 3.5-3. Farmland of Statewide Importance in the Project Study Area.....      | 11 |
| Figure 3.5-4. BLM Potential Fossil Yield Classification in DRWA Service Area ..... | 12 |
| Figure 3.7-1. DRWA Service Area.....   | 13 |
| Figure 3.9-1. BLM Visual Resource Classifications in DRWA Service Area .....       | 14 |
| Figure 3.11-1. Highways and Local Roads by Type in the DRWA Service Area .....     | 15 |

## Chapter 1. Introduction

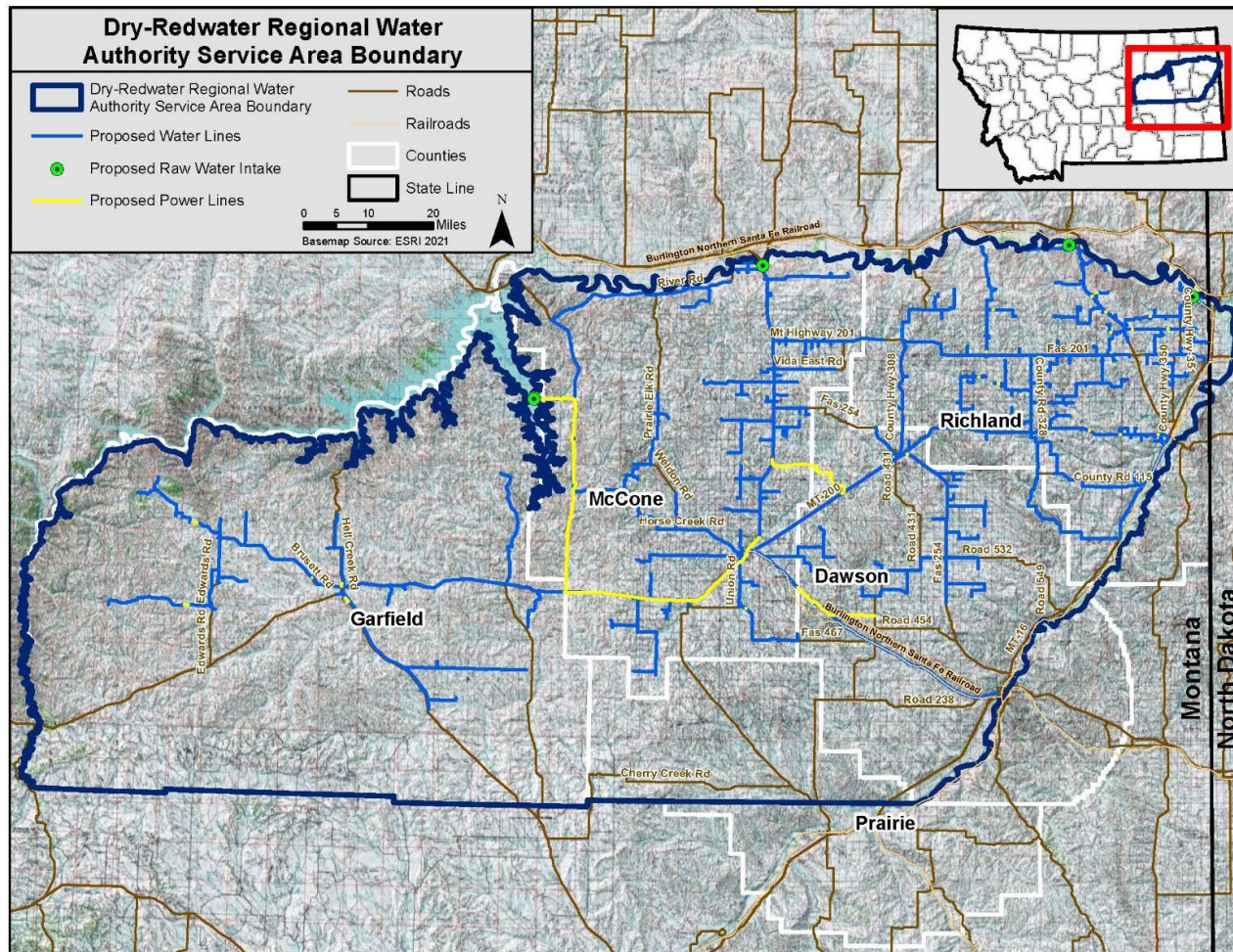


Figure 1-1. Dry-Redwater Regional Water Authority Service Area Boundary

**Dry-Redwater Rural Water Project  
Final Environmental Assessment**

**Appendix A – Figures**



Note: Samples are from private wells from west to east in DRWA service area

**Figure 1-2. DRWA Service Area Groundwater Quality**



Appendix A – Figures

## Chapter 2. Alternatives

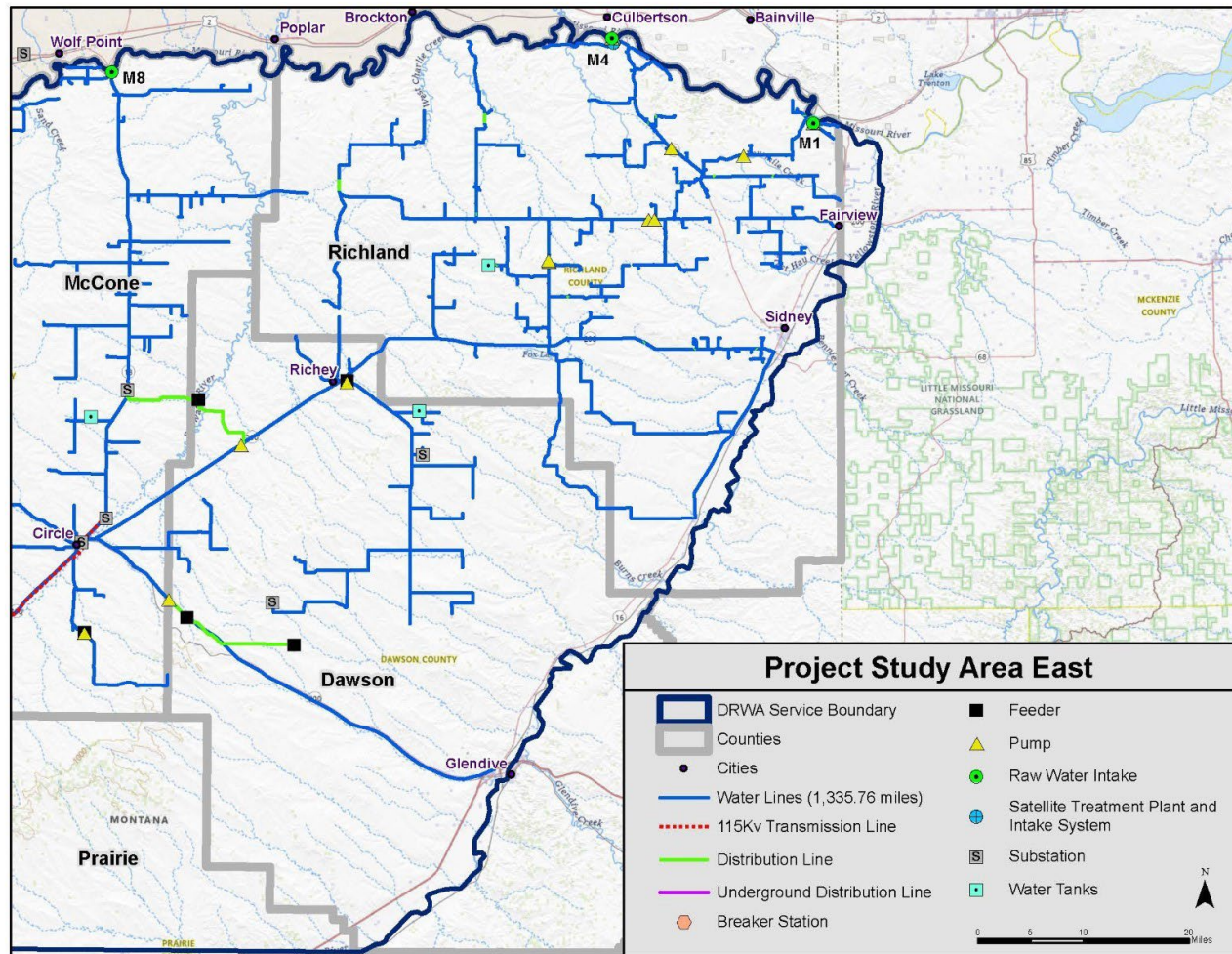
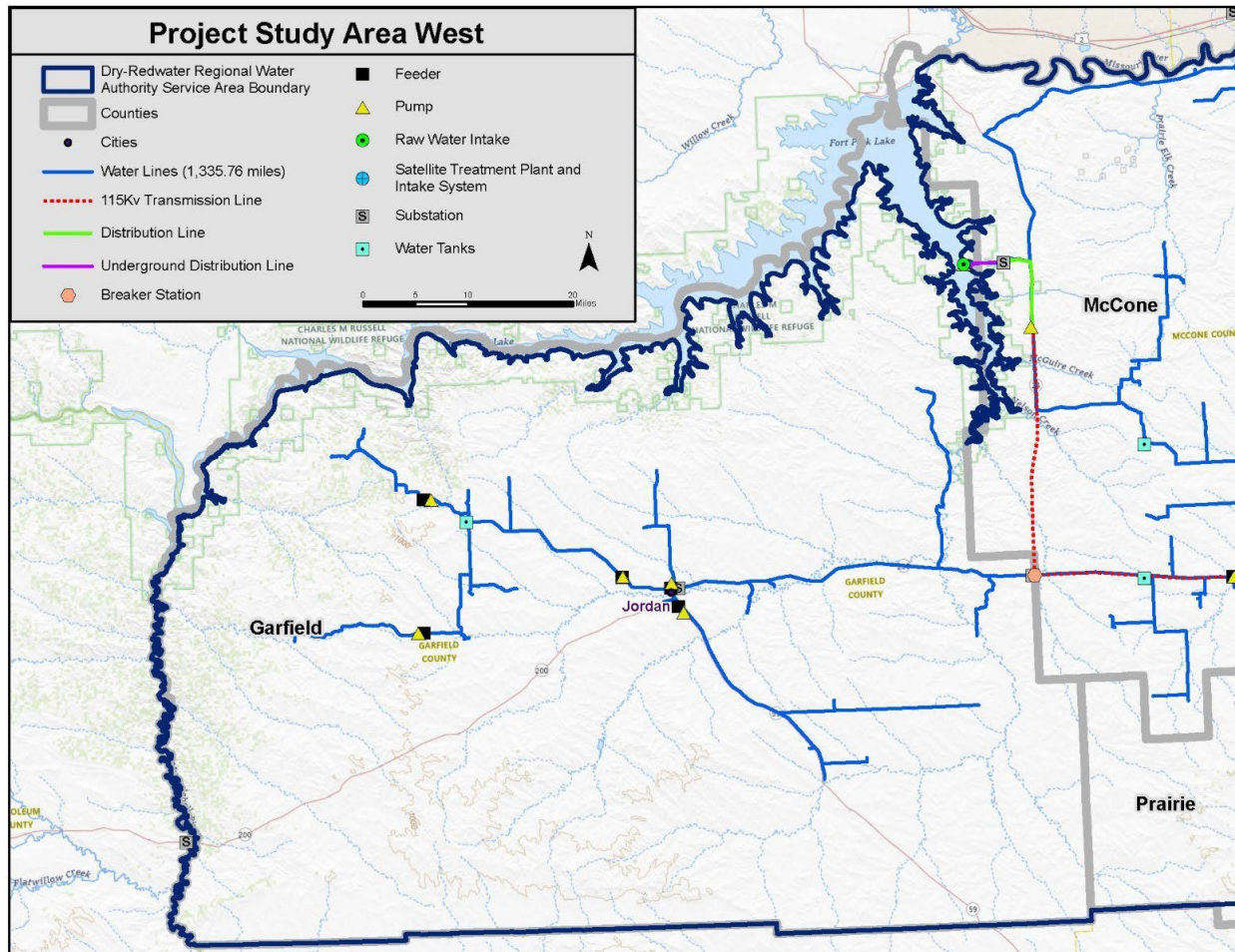


Figure 2-1. Project Study Area: Eastern Portion of DRWA Service Area

# Dry-Redwater Rural Water Project Final Environmental Assessment

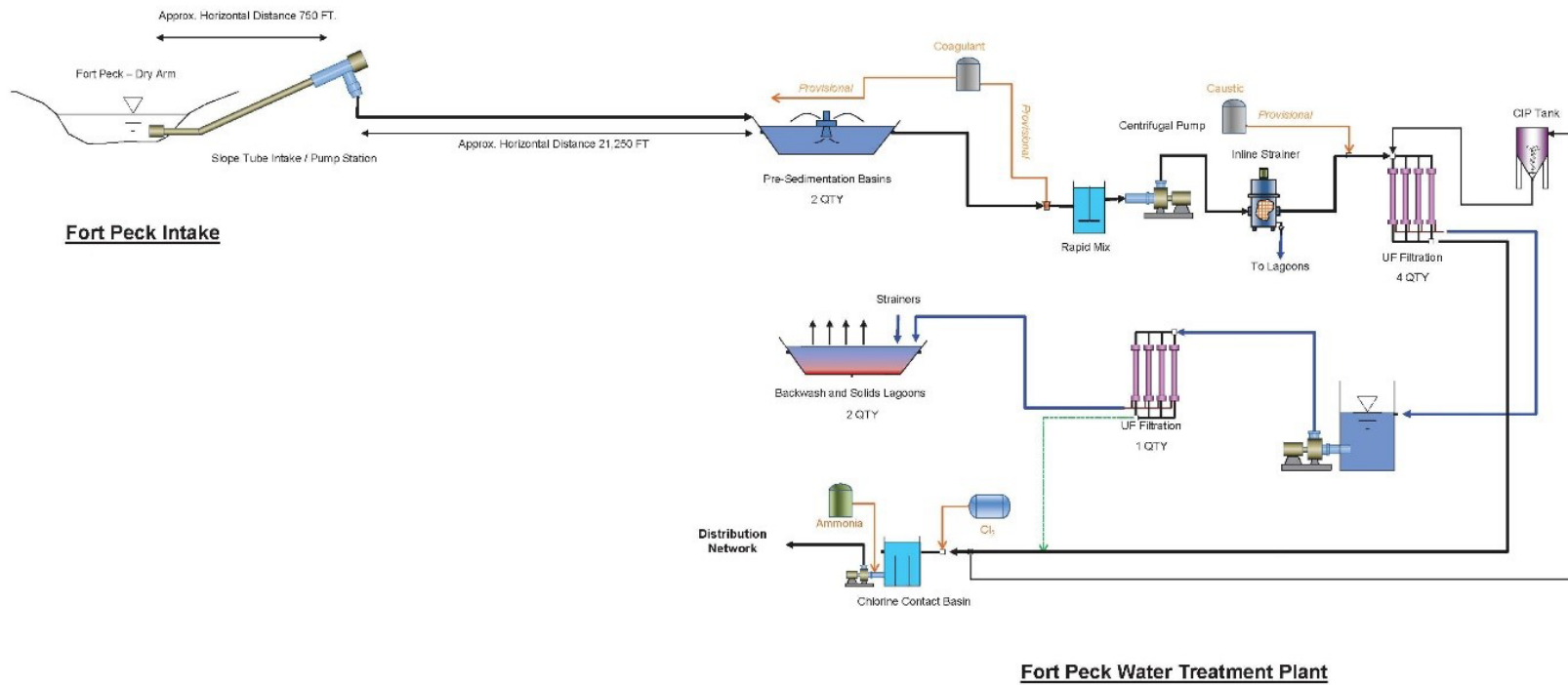
## Appendix A – Figures



**Figure 2-2. Project Study Area: Western Portion of DRWA Service Area**

**Dry-Redwater Rural Water Project  
Final Environmental Assessment**

**Appendix A – Figures**

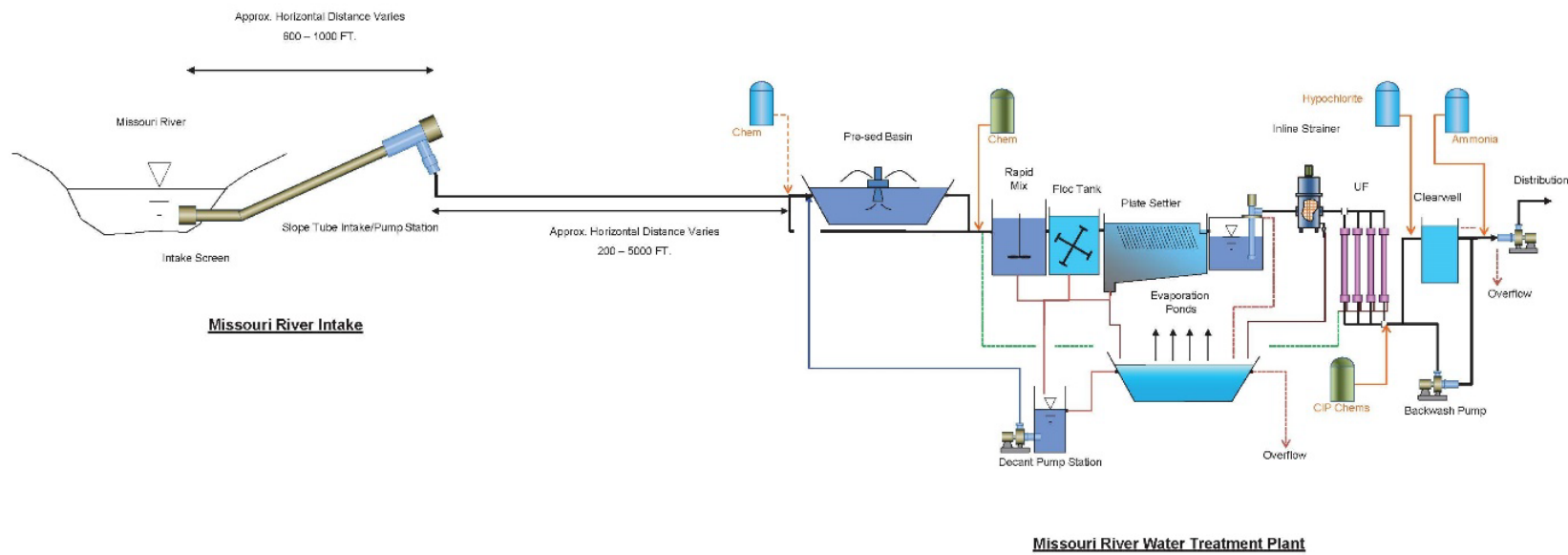


**Figure 2-3. Proposed Fort Peck Water Treatment Plant Flow Diagram**



**Dry-Redwater Rural Water Project  
Final Environmental Assessment**

**Appendix A – Figures**



**Figure 2-4. Proposed Missouri River Water Treatment Plant Flow Diagram**

## Chapter 3. Affected Environment and Environmental Consequences

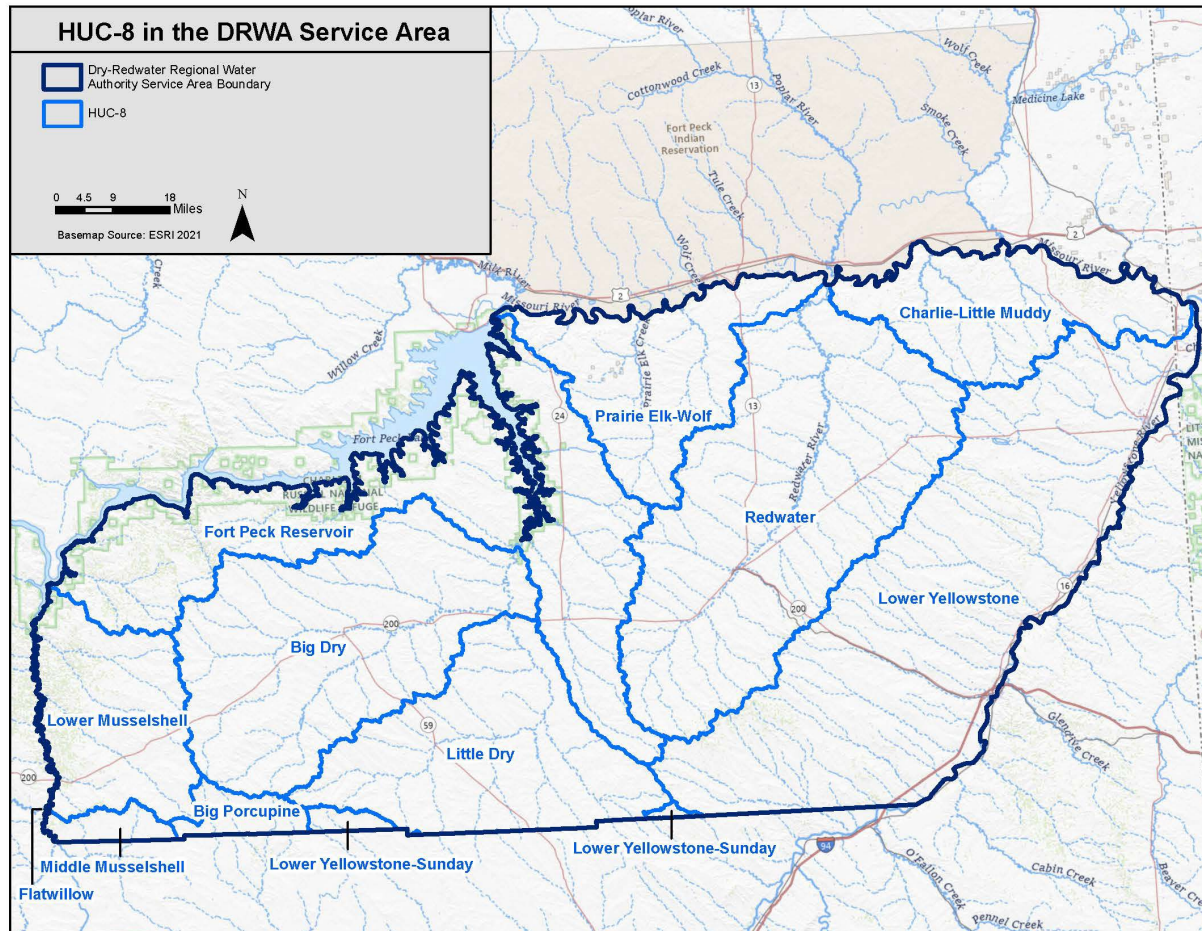
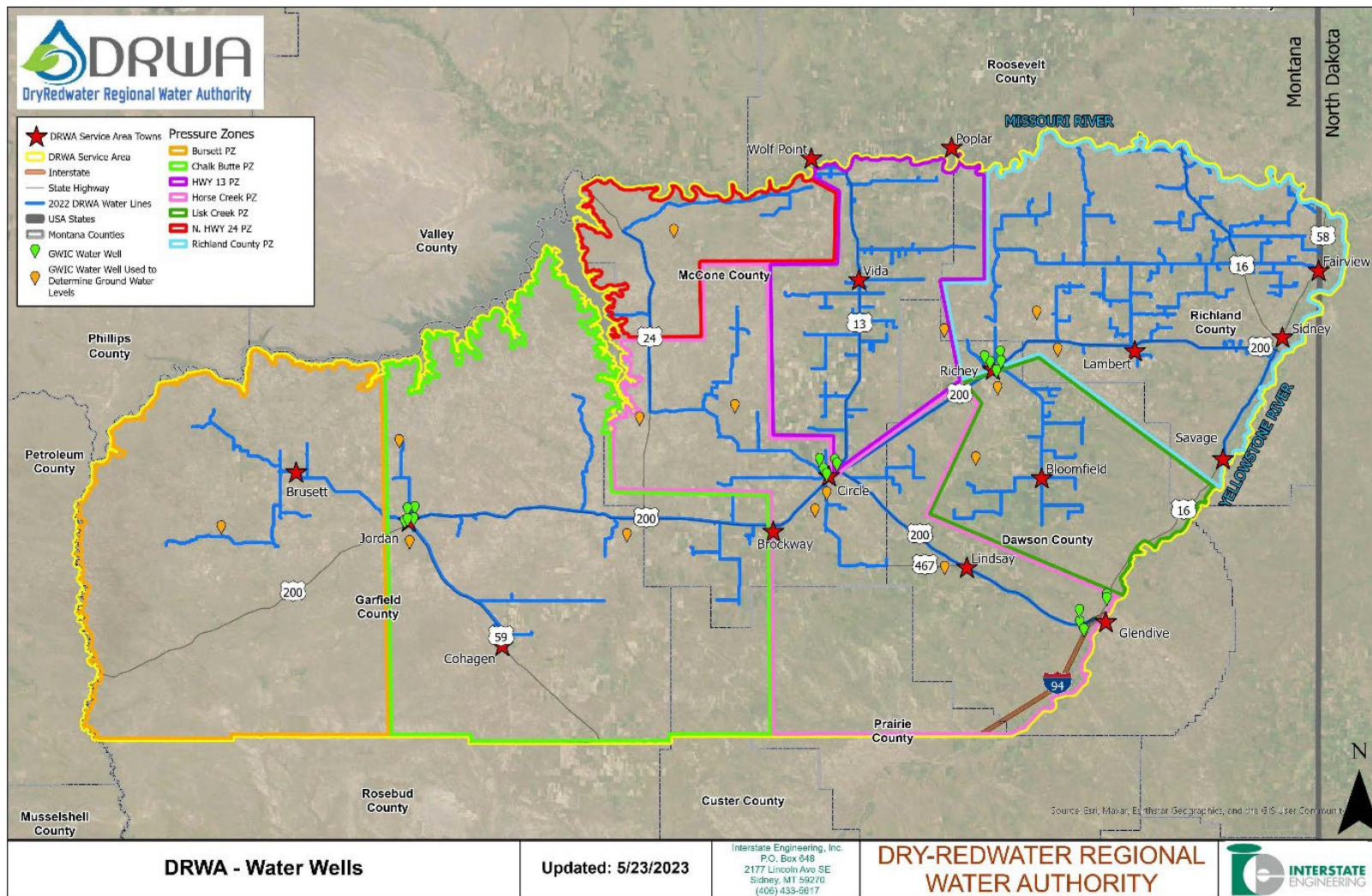


Figure 3.4-1. Sub-Basin Watersheds (HUC-08) in the DRWA Service Area



# Dry-Redwater Rural Water Project Final Environmental Assessment

## Appendix A – Figures



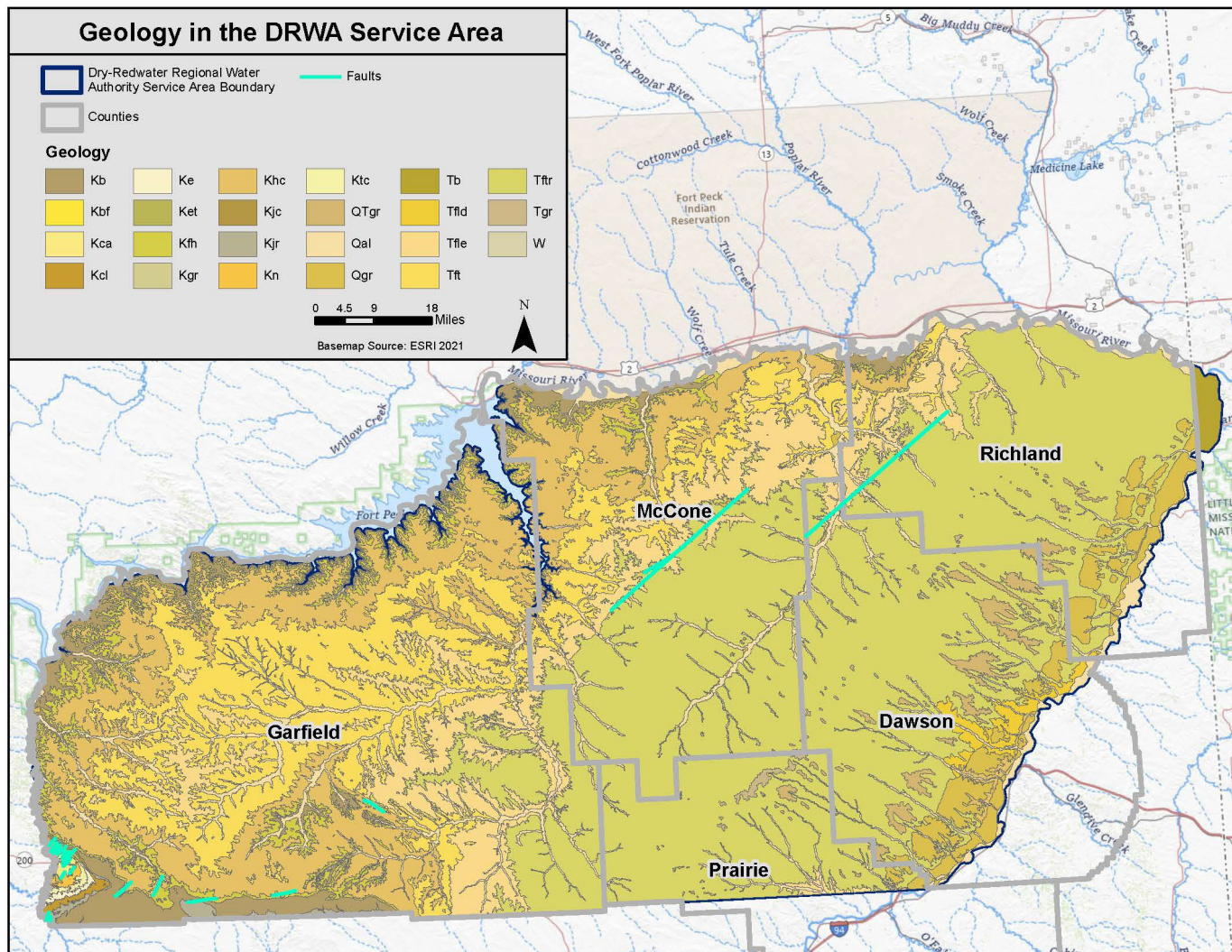
Source: Dry-Redwater 2023, Appendix 8.1

**Figure 3.4-2. Well Data Locations Within DRWA Service Area**



# Dry-Redwater Rural Water Project Final Environmental Assessment

## Appendix A – Figures



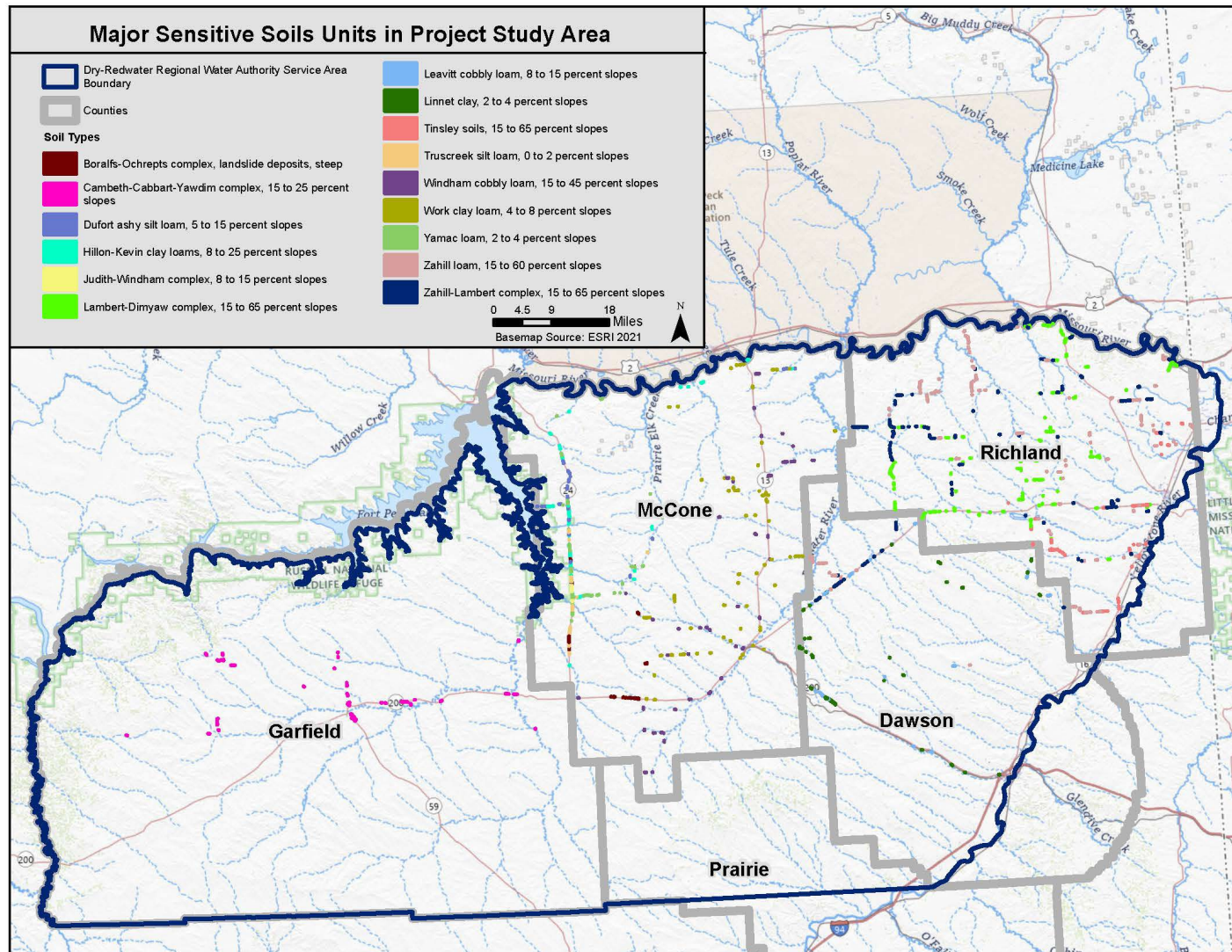
Note: The scale of this map precludes showing all known geologic units.

**Figure 3.5-1. Geology in the DRWA Service Area**



# Dry-Redwater Rural Water Project Final Environmental Assessment

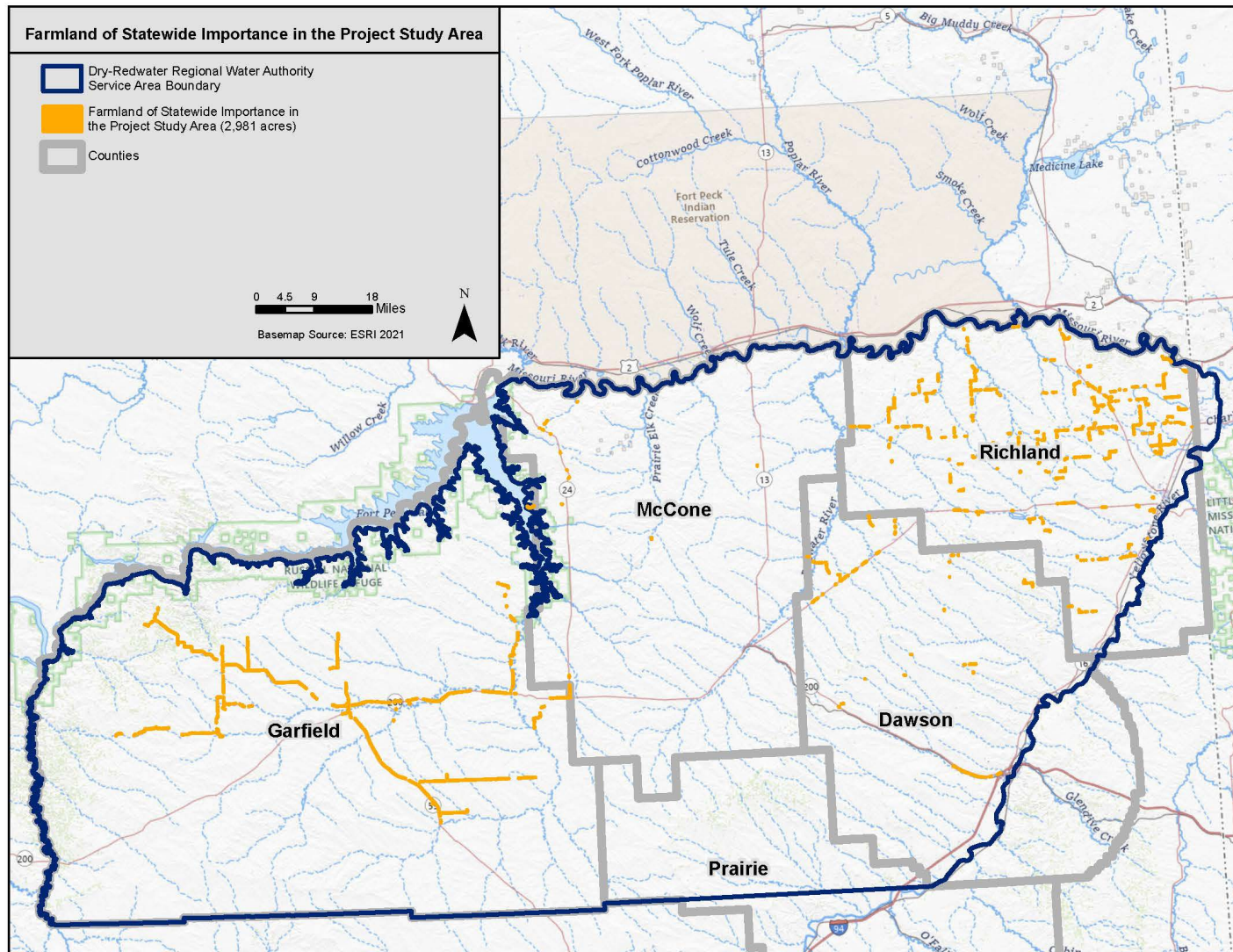
## Appendix A – Figures



**Figure 3.5-2. Major Sensitive Soil Units in the Project Study Area**

# Dry-Redwater Rural Water Project Final Environmental Assessment

## Appendix A – Figures

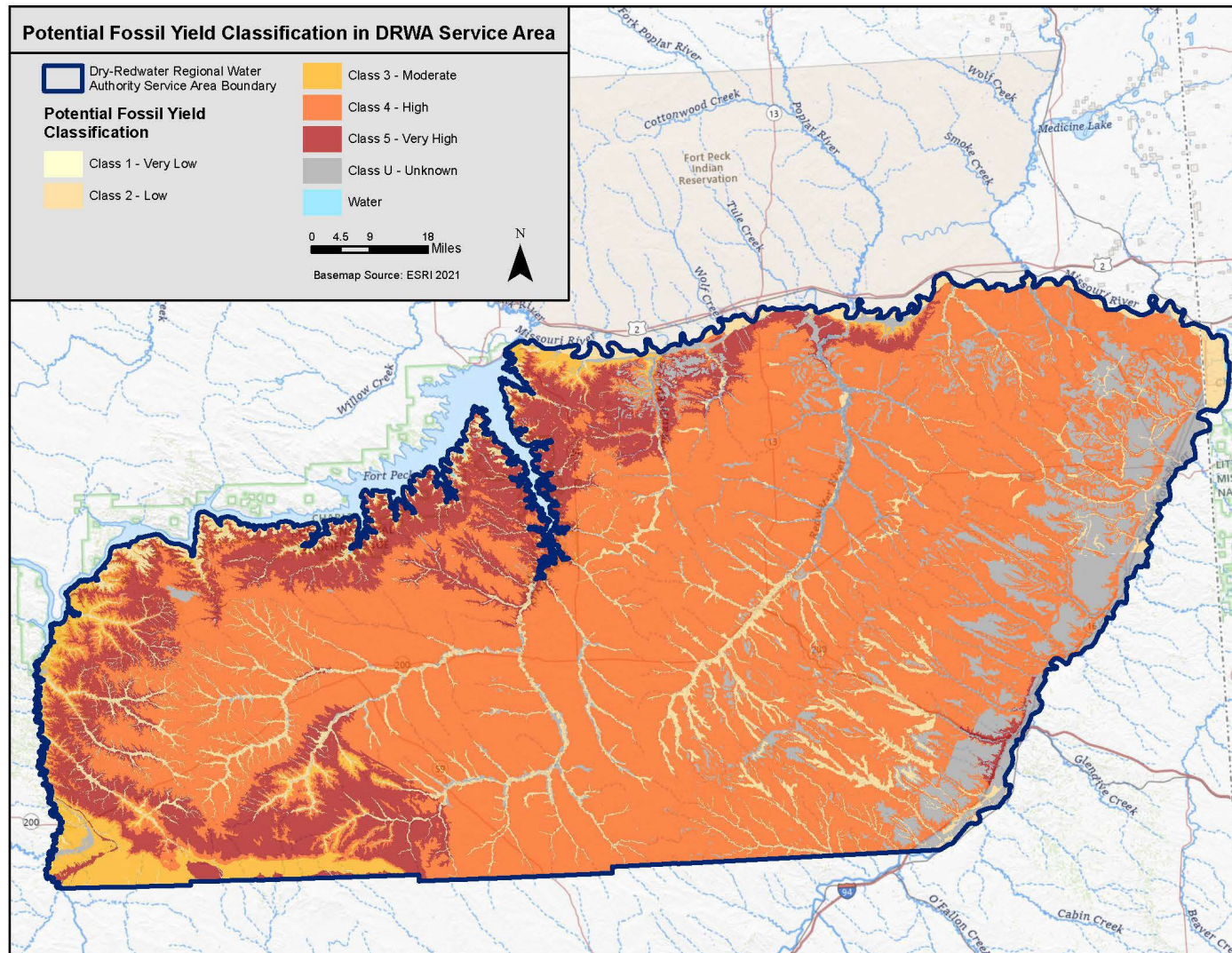


**Figure 3.5-3. Farmland of Statewide Importance in the Project Study Area**



**Dry-Redwater Rural Water Project  
Final Environmental Assessment**

**Appendix A – Figures**

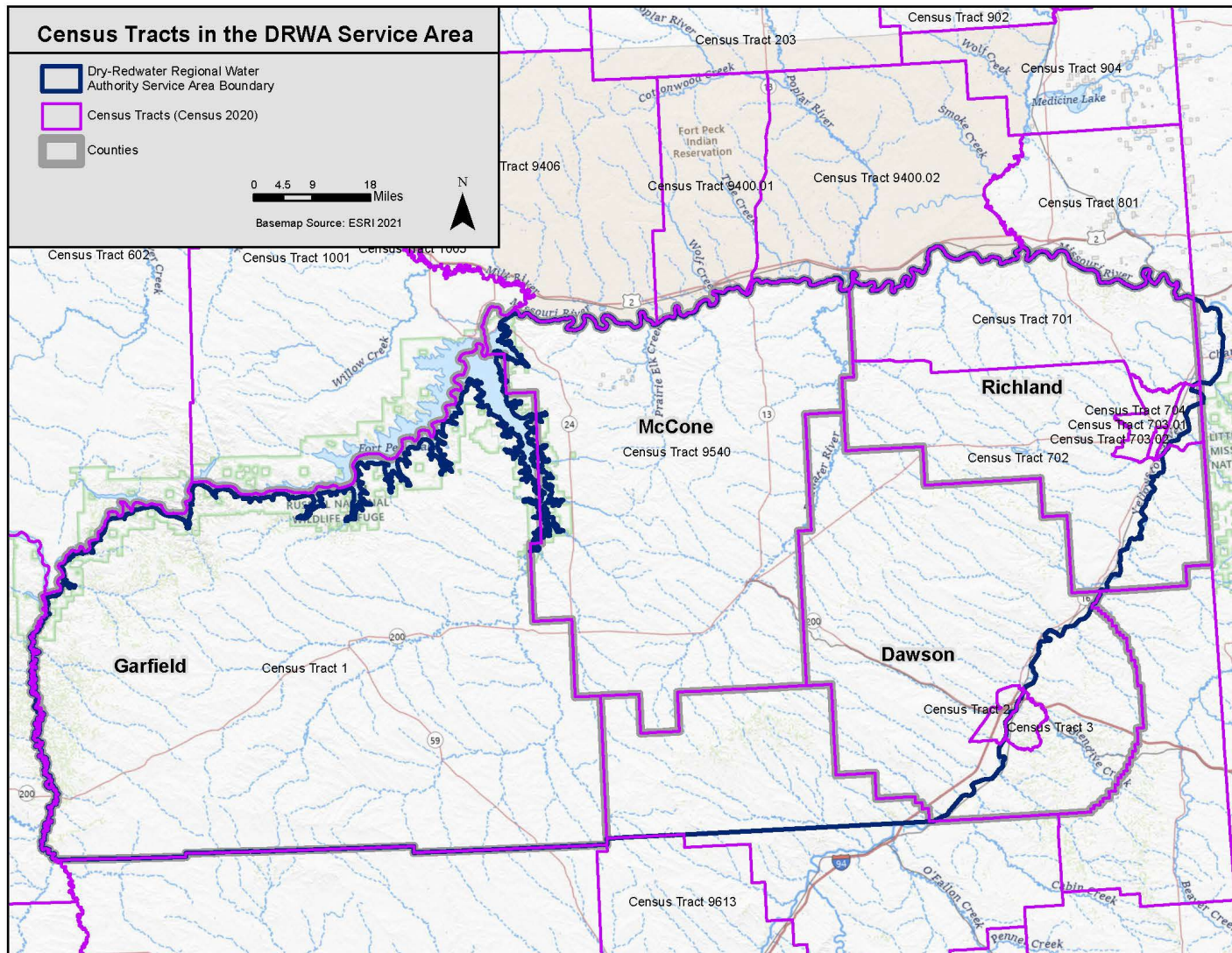


**Figure 3.5-4. BLM Potential Fossil Yield Classification in DRWA Service Area**



# Dry-Redwater Rural Water Project Final Environmental Assessment

## Appendix A – Figures

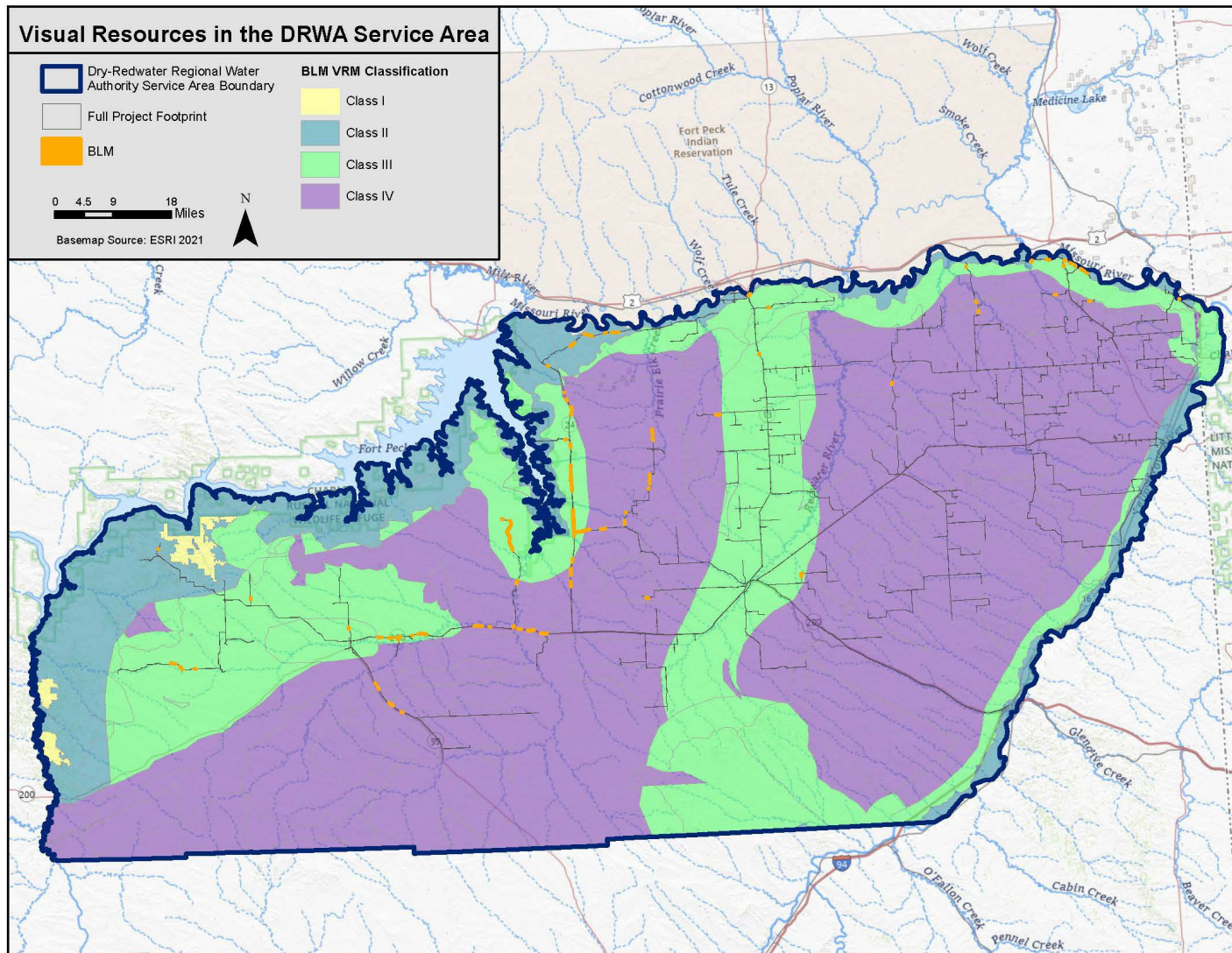


**Figure 3.7-1. DRWA Service Area**



# Dry-Redwater Rural Water Project Final Environmental Assessment

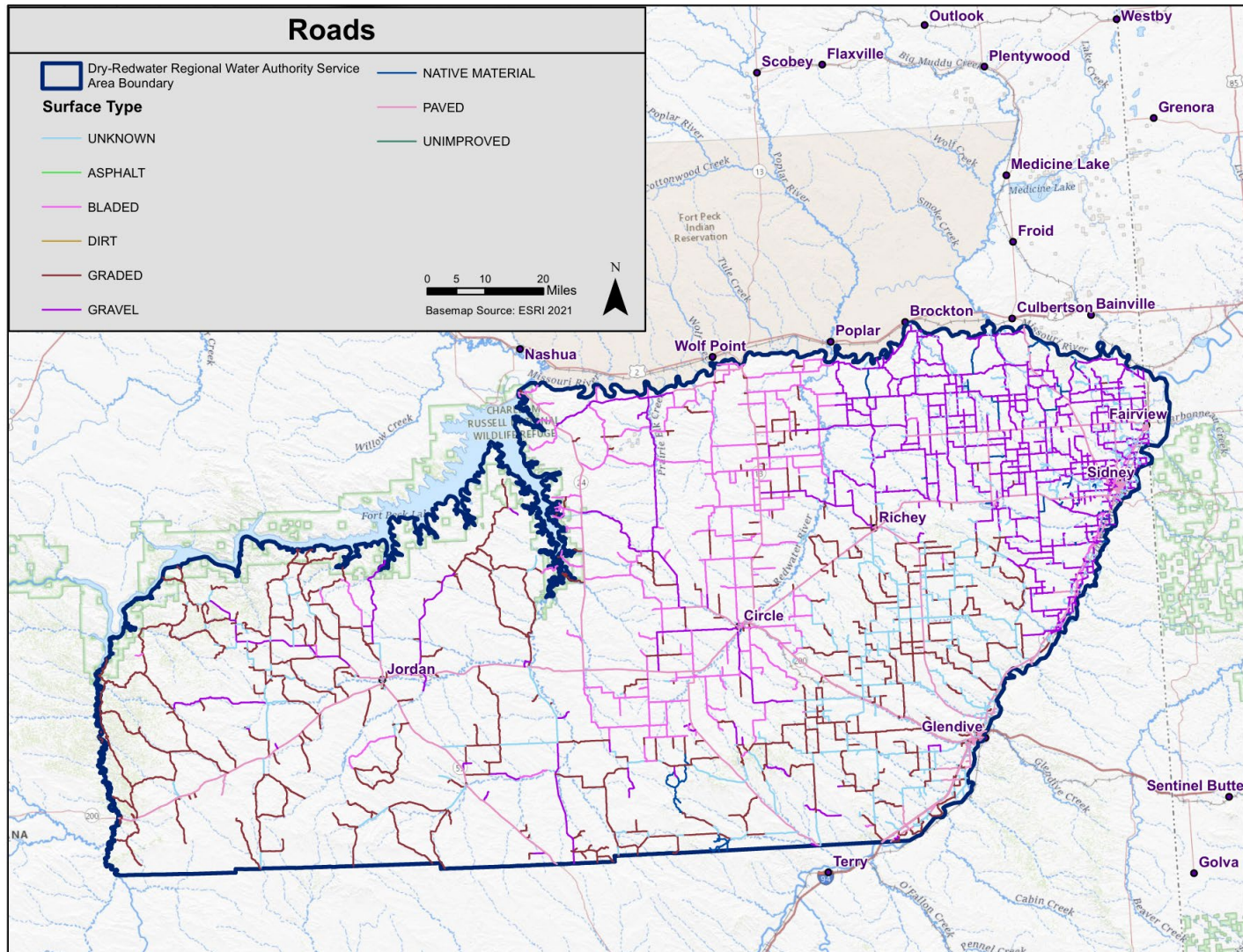
## Appendix A – Figures



**Figure 3.9-1. BLM Visual Resource Classifications in DRWA Service Area**

# Dry-Redwater Rural Water Project Final Environmental Assessment

## Appendix A – Figures



**Figure 3.11-1. Highways and Local Roads by Type in the DRWA Service Area**



**Appendix A – Figures**

## **References**

Dry-Redwater Regional Water Authority (DRWA). 2023. Predesign Report for Dry-Redwater Regional Water Authority Dawson, Garfield, McCone, and Richland County. Prepared by Interstate Engineering.