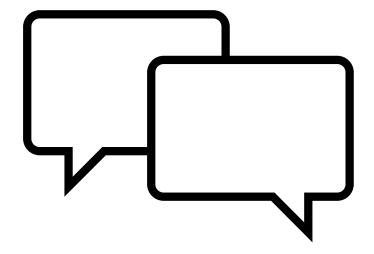
## Priority 2 RFP Geographic Scope Discussion

Andrew McFadden, Abt Associates
November 15, 2023

## Feedback Request

- Principles used to guide selection of geographic boundaries
- Pros/cons of using jurisdictional, hydrologic or other boundaries



## Principles

## Principles to guide the geographic scope for Priority 2 projects

- East Metropolitan area and downstream areas of the Mississippi and St. Croix Rivers
- Inclusive of PFAS impacted areas from 3M releases
- Inclusive of broader areas to allow for projects with lower PFAS risk
- Ecological and recreational boundary focus versus jurisdictions
- Inclusive of populations that are underserved





## Geographic Scope Options

- Communities
- Counties
- Watershed Management Districts
- Hydrologic Unit Code Level 10 (HUC 10)
- HUC 12

#### Forms White B wood ridley Shoreview Mississippi River Locks and Dams Disoklyr Vadnai Center Height Source Areas 75th Street North Stillwa er North St. Paul city 3M Settlement Priority 2 Washington Communties\* Roseviple Ramsey Willow River Prairie Island Indian Community Bayo St- a Park Maplewood city County of Dakota, Metropolitan Council, Lake Elmo MetroGIS, Esri, HERE, Garmin, SafeGraph, METI/ Minne Ulis Lakeland Oakdale West Lakeland NASA, USGS, EPA, NPS, USDA, Esri, CGIAR, Shores city township County Rc\*Includes North St. Paul city and Ravenna Lakeland city Ollis Dan St. Paul city Township in addition to the P2 Communities Landfall city Lake St. Croix Beach city 10 Miles South St. St. Marys Woodbury city Afton city Paul city West St P Point city Richfield Bailey Lake Newport city \_\_\_\_ Mann River Falls State Road St. Paul Inver Grove Park Cottage Bloomington Grove city E: gar Heights city Denmark township Grey Cloud Island 63 township Hastings Burnsville city Nininger Rosemount Apple Valley township Hastings city Prairie Island Arg onne Indian Community Ravenna township Dakota > Vermillion Lakeville rammington Esdaile 230th Street East Hampton Hager Sity 80 Harliss Red Wing city lko New Market Welch

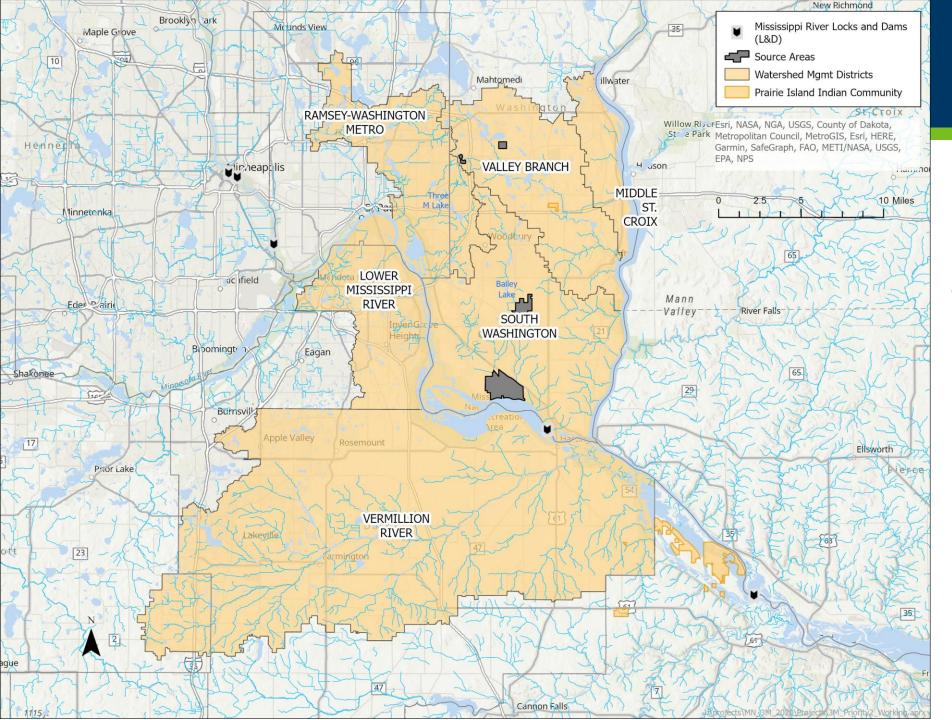
### Communities

Approximate Area: 430 square miles

#### Mississippi River Locks and Dams (L&D) Ramsey Andover Source Areas Counties Prairie Island Indian Community Coon Rapids Blaine Esri, CGIAR, USGS, County of Dakota Metropolitan Council, MetroGIS, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, **V** bunds View 35 Maple Grove Mahtornedi Washington Ramsey County County Henne + .dson /linnetor ka Weedbury Chifield Ede o Prairie Valley Inver 29 Cottage Grove Heigl Moomin Eagan Cipska hakapee Burnsy le Apple Valley Rosemount Ellsworth r vioi Lake Lakeville Dakota County 23 Lonsdale

### Counties

Approximate Area: 1180 square miles



# Watershed Management Districts

- Approximate Area:670 square miles
- Includes the Vermillion River, South Washington, Lower Mississippi River, Ramsey Washington Metro, Valley Branch, and Middle St. Croix Watershed Management Districts

#### Mississippi River Locks and Dams (L&D) Source Areas Brooklyn Micands View Maple Grove Hydrologic Unit 10 Boundaries Prairie Island Indian Community Esri, NASA, NGA, USGS, County of Dakota, Mahtomedi Metropolitan Council, MetroGIS, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Willow River St a Park 10 Miles in heapt lis 4 uson Minnetenka ric ifield Mann Eder Pairie River Falls Bipomingt 1 Eagan 65 Burnsvill Ellsworth Prior Lake

## **HUC 10**

Approximate Area: 750 square miles

#### FormsWhite B. wood ridley Shoreview Mississippi River Locks and Dams (L&D) Vadnais Center Height reet North Stillwe er Source Areas Hydrologic Unit 12 Boundaries All w Hope Prairie Island Indian Community Willow River Rosevine County of Dakota, Metropolitan Council, MetroGIS, Esri, HERE, Garmin, SafeGraph, METI/ NASA, USGS, EPA, NPS, USDA, Esri, CGIAR, Minne Ulis dson St Louis Par Edina Richfield Mann River Falls Bloomington E; gar Burnsville Savage Apple Valley Rose Argonne Dakota 2 Lakeville raimington lager Sity Elko New Market Welch

## HUC 12

Approximate Area: 620 square miles

## Geographic Scope Options

- Communities ~430 sq miles
- Counties ~1180 sq miles
- Watershed Management Districts ~670 sq miles
- Hydrologic Unit Code Level 10 (HUC 10) ~750 sq miles
- HUC 12 ~620 sq miles

## Principles

## Principles to guide the geographic scope for Priority 2 projects

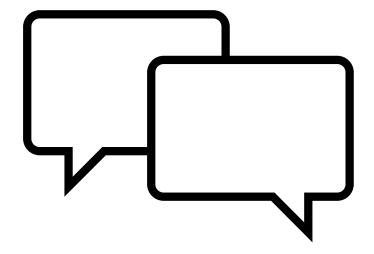
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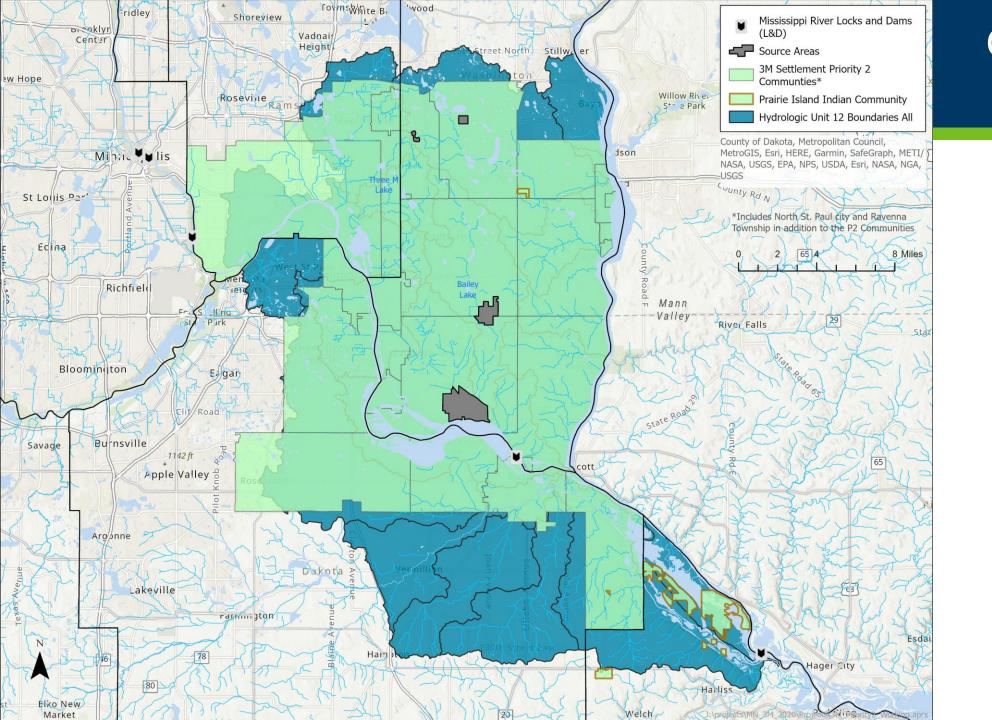


## Feedback Request

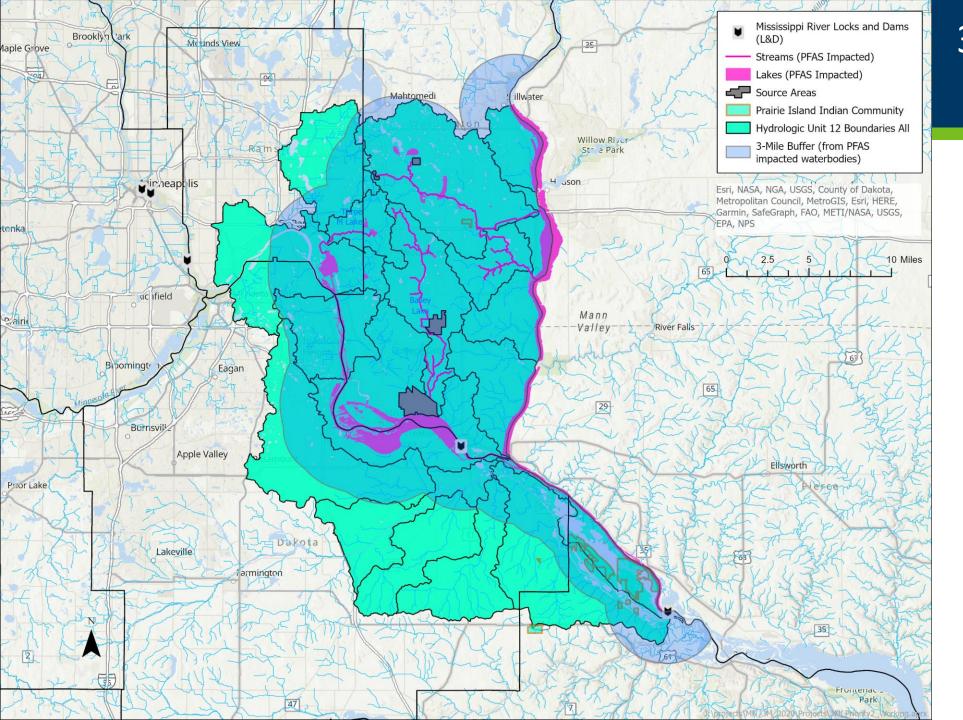
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## Communities / HUC12



## 3-mile buffer and HUC-12

Area of the 3-mile buffer approximately 400 square miles

The pink waterbodies include areas where there is evidence of PFOS impacts based on sample concentrations in water, sediment, or fish tissue when compared to risk thresholds. The 3-mile buffer is derived from these areas.