# NUTRIENT ASSESSMENT REDUCTION PLAN

BIG MUDDY/SALINE RIVER WATERSHEDS

October 17, 2024



# **AGENDA**

- Welcome and Introductions
- NARP Planning Process and Timeline
- Sampling Plan Overview
- Planning Announcement
- Adjourn

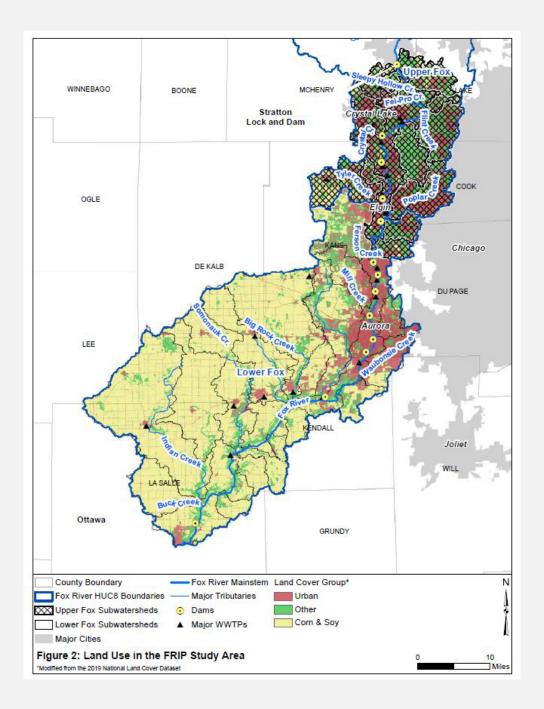
#### PROCESS & TIMELINE

- Phase I Data Review
  - Previous locations of water samples
  - Data review of IEPA data
  - Notice to IEPA
- Phase II Monitoring
  - Create Sampling Schedule
  - Submit to IEPA for Approval
- Phase III Modeling
  - Choose model ((SWAT, HFVS, instream, etc.)

NARP Timeline	Planning Phase in Months																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Work Plan																	
Sampling Plan																	
Committee Review																	
Data Review																	
Organize Resources																	
Data Tabulation																	
GIS Analysis																	
Monitoring																	
POTW Monitoring																	
Data Analysis																	
Modeling																	
Model Selection																	
Input/Outputs																	
Management																	
Recommendations																	
Review																	
Committee Review																	
IEPA Review																	
Deliverables																	
Tabulated Data																	
Geospatial Data																	
NARP Plan																	

## **ILLINOIS NARPS**

- Land Use/ Agriculture
- Planning
- Costs



### SAMPLING PLAN

- IEPA Comments
- Draft Amendments
  - Locations
    - Benton
    - Murphysboro
    - West Frankfort
    - Harrisburg
- Narrative
  - Include additional nutrients
- Data Delivery
  - Include field observations
  - Pace Water Quality Analysis

https://greateregypt.maps.arcgis.com/apps/mapviewer/index. html?webmap=fb59fd4c11f44bocbac13fe3cac2ca6e

### PLANNING ANNOUNCEMENT

- Public announcement for planning
  - Publications
- Invitation to Prairie Rivers Network and Sierra Club
- Open meeting in Winter

# **DISCUSSION**