

## **Big Muddy/Saline River Watershed Nutrient Reduction Councils**

October 26, 2023 10:00 AM

Greater Egypt Office

### Attendees:

|                  |                       |
|------------------|-----------------------|
| Bowe, Kelsey     | Greater Egypt         |
| Bradley, Brandy  | DRA/ Local 773        |
| Carpenter, Tyler | Greater Egypt         |
| Collins, Ryan    | Harrisburg WWTP       |
| Farley, Ryan     | Farley Engineering    |
| Gladson, Patrick | City of Murphysboro   |
| Minnis, Cary     | Greater Egypt         |
| Lattauada, Randy | Herrin WWTP           |
| Sheffer, Herold  | J.T. Blankenship, Inc |
| Toigo, Shannon   | Benton WWTP           |

- Greater Egypt started the meeting with introductions.
- NARP Process Review
  - 6.20.23
  - 7.11.23
  - IEPA Approval of Herrin NPDES Extension of NARP activities
  - DRA Gant Submissions
- NARP Purpose and requirements
- The groups will look into the Fox River watershed NARP as a template
- Process and Timeline
  - Establish Watershed Group
  - Develop NARP Objectives
  - Determine Procedures
  - Establish Schedule
- **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 |
| <b>Work Plan</b>                  | ■                        |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |
| <b>Sampling Plan</b>              | ■                        | ■ |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |
| Committee Review                  | ■                        | ■ |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |
| <b>Data Review</b>                |                          | ■ | ■ | ■ | ■ | ■ | ■ | ■ |   |    |    |    |    |    |    |    |    |
| Organize Resources                |                          | ■ | ■ | ■ | ■ | ■ | ■ | ■ |   |    |    |    |    |    |    |    |    |
| Data Tabulation                   |                          | ■ | ■ | ■ | ■ | ■ | ■ | ■ |   |    |    |    |    |    |    |    |    |
| GIS Analysis                      |                          | ■ | ■ | ■ | ■ | ■ | ■ | ■ |   |    |    |    |    |    |    |    |    |
| <b>Monitoring</b>                 | ■                        | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■  | ■  | ■  | ■  | ■  | ■  | ■  | ■  |
| POTW Monitoring                   | ■                        | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■  | ■  | ■  | ■  | ■  | ■  | ■  | ■  |
| Data Analysis                     |                          | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■  | ■  | ■  | ■  | ■  | ■  | ■  | ■  |
| <b>Modeling</b>                   |                          |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |
| Model Selection                   |                          |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |
| Input/Outputs                     |                          |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |
| <b>Management Recommendations</b> |                          |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |
| <b>Review</b>                     |                          |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |
| Committee Review                  |                          |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |
| IEPA Review                       |                          |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |
| <b>Deliverables</b>               |                          |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |
| Tabulated Data                    |                          |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |
| Geospatial Data                   |                          |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |
| NARP Plan                         |                          |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |

- Future Planning
  - Feedback from DRA on grant
  - Proceed with IGA
  - Begin planning
  - Sample Schedule to IEPA
- Discussion
  - Brandy Bradley (DRA) mentioned she will find out the status of the DRA Strategic Planning Grants for the NARP studies. The group will follow up in two weeks.
  - The groups were urged to draft a letter to the Governor's office regarding the situation. Greater Egypt will draft the letter and have the communities sign.
  - Funding could potentially be broken into phases