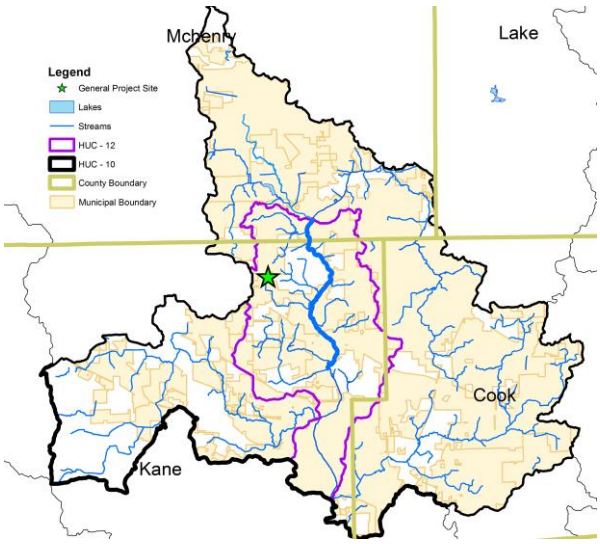
ILLINOIS EPA PROJECT COVER SHEET
SECTION 319 FFY2016

PROJECT TITLE (include application number):

Kimball Farms Detention Basin Retrofit Project (16A04)



SUB-RECIPIENT (Organization, address, phone number, contact name):

Jelkes Creek-Fox River Watershed Coalition
c/o Friends of the Fox River
Post Office Box 5634
Elgin, Illinois 60121
847-426-8633
Mr. David Poweleit, President

TOTAL PROJECT COST: $ 58,800.00
319 FUNDS: $ 35,280.00
LOCAL FUNDS: $ 23,520.00
MATCH RATIO and SOURCE:
60% Federal – 40% Local (Kimball Farms Masters Association)

PROJECT TIME FRAME (months): 24

PROJECT SUMMARY:

This project will reduce nonpoint source pollution discharged to an unnamed tributary of the Fox River (IL_DT-20) by stabilizing approximately 400 linear feet of eroding shoreline and establishing a two acre buffer of native wetland and prairie vegetation around an existing wet detention basin in the Kimball Farms Subdivision in Carpentersville, Illinois. The eroding shoreline will be stabilized through the use of coir logs (biologs) and minor bank re-shaping. Existing turf grass side slopes around the entire detention basin will be replanted with wetland and prairie vegetation.

- OUTPUTS:
  - 400 linear feet of shoreline stabilization.
  - 2 acres of native wetland and prairie vegetation buffer.

- OUTCOMES:
  - Water quality restoration of the Fox River (IL_DT-20).
  - Reduced annual pollutant loadings of approximately 7 tons of sediment, 7,107 lbs of total suspended sediment, 15 lbs of phosphorus, and 86 lbs of nitrogen.

Pollutant	Load Reduction Recommended By Plan	Load Reduction Achieved by Project	% of Plan Recommended Load Reduction Achieved by Project
Sediment (tons/year)	1,816	7	0.39
Total Suspended Sediment (pounds/year)	NA	7,107	NA
Phosphorus (pounds/year)	1,800	15	0.83
Nitrogen (pounds/year)	4,257	86	2.02

Items contained in the application that will NOT be part of the 319 project:

None.

Illinois' Nonpoint Source Management Program Milestones Addressed by Project:

A1, A3, A4, A5, A6.

Notes of interest:

- This project is in HUC 07120006, which is an Illinois EPA priority watershed for NPS implementation activities this year (FFY2016).
- This project is in a priority watershed to reduce nutrient loss (Point Sources-Nitrate & Phosphorus).
- Continued implementation of the *Jelkes Creek - Fox River Watershed Action Plan* through Section 319 and other funding sources is anticipated.

HUC or Segments Addressed:

HUC 071200061206; Segment: IL_DT-20 Fox River.

Watershed-based Plan to be Implemented:

Jelkes Creek- Fox River Watershed Action Plan. December 2012. Kane-DuPage Soil and Water Conservation District.

Check all that apply to the application:
☐ Information/education
☐ Watershed-based Planning
X Watershed-based Plan Implementation
☐ TMDL Implementation
☐ Demonstration Project
☐ Monitoring
☐ Technical Assistance
☐ Research
☐ Other