The background is a light blue gradient with several realistic water droplets of various sizes scattered across it. The droplets have highlights and shadows, giving them a three-dimensional appearance. The text is centered on the page.

# UPDATES ON YAHARA RIVER WATERSHED INITIATIVES

JUNE 28<sup>TH</sup> 2018

DANE COUNTY LAND AND WATER RESOURCES DEPARTMENT

KYLE MINKS

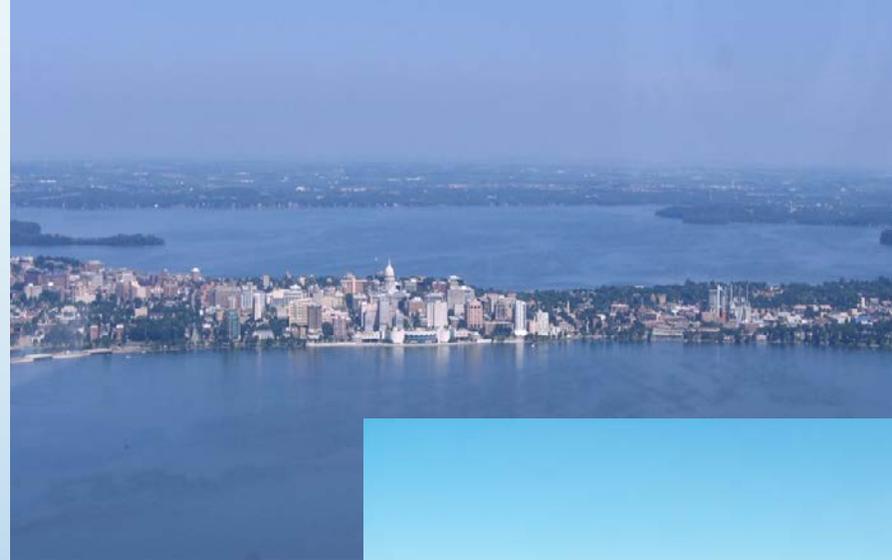
# OUTLINE

## INITIATIVE BACKGROUNDS

- YAHARA WINS ADAPTIVE MANAGEMENT (YAHARA WINS)
- REGIONAL CONSERVATION PARTNERSHIP PROGRAM (RCPP)

## 2017 KEY ACCOMPLISHMENTS

## OVERALL PROGRESS



# YAHARA WINS

2012 STARTED COLLABORATING WITH MMSD ON ADAPTIVE MANAGEMENT

- POINT AND NONPOINT SOURCES WORKING TOGETHER TO IMPROVE WATER QUALITY

2013-2015 PILOT PROJECT IN SIX MILE CREEK

- IMPLEMENTING CONSERVATION PRACTICES THAT REDUCE PHOSPHORUS
- QUANTIFYING PHOSPHORUS REDUCTIONS USING MODELS
- LEVERAGING MULTIPLE FUNDING SOURCES FOR COST SHARE ASSISTANCE
- TRACKING IMPLEMENTED PRACTICES
- \$480,000 FOR STAFFING
- OVER \$200,000 IN PRACTICE FUNDING

2016 TRANSITION YEAR PILOT TO YAHARA RIVER WATERSHED

- CONTINUED WITH SAME SERVICES AS THE PILOT PROJECT
- DEVELOPED A 5 YEAR SERVICE AGREEMENT
- \$200,000 FOR STAFFING

2017 FIRST YEAR OF FIVE YEAR SERVICE AGREEMENT WITH YAHARA WINS

- CONTINUE SAME SERVICES AS PILOT PROJECT
- \$300,000 ANNUALLY

# REGIONAL CONSERVATION PARTNERSHIP PROGRAM

MAY 2014 PROJECT FUNDING ANNOUNCED

- \$400 MILLION AVAILABLE
- FOCUS ON PARTNERSHIPS AND VOLUNTARY DELIVERY OF CONSERVATION THROUGH NRCS PROGRAMS

JULY 2014 SUBMITTED PREPROPOSAL

SEPTEMBER 2014 FINAL PROPOSAL SUBMITTED

JANUARY 2015 NOTIFIED WE WERE SELECTED

- 1 OF 4 PROJECTS IN WI
- ONLY 200 PROJECTS NATION WIDE
- OVER 600 APPLICATIONS SUBMITTED

MAY 2015 CONTRACT COMPLETED



# RCPP OBJECTIVES AND BUDGET

1. IMPLEMENT NRCS CONSERVATION PRACTICES
2. TEST INNOVATIVE PRACTICES
3. CONDUCT COMPREHENSIVE WATER QUALITY MONITORING
4. QUANTIFY PHOSPHORUS REDUCTIONS
5. DEVELOP AN EPA 9-STEP WATERSHED PLAN
6. CONDUCT OUTREACH AND EDUCATION

## PROPOSED BUDGET

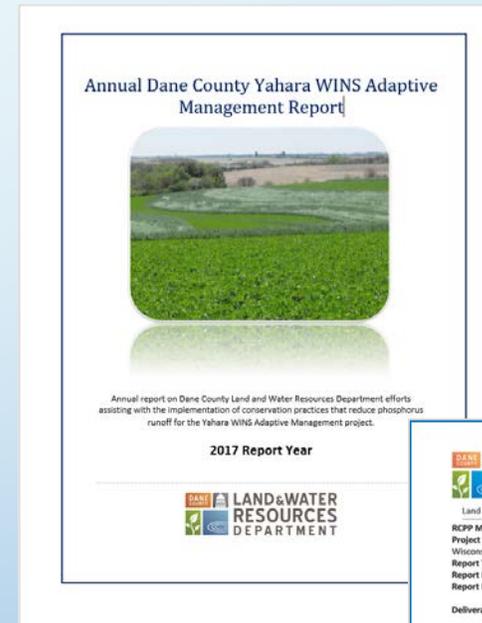
TOTAL OVER 5 YEARS – \$5,387,500.00

- \$2,992,500 FROM DANE COUNTY
- \$1,300,000 FROM NRCS
- \$1,095,000 FROM OTHER PARTNERS



# 2017 KEY ACCOMPLISHMENTS

- AIDED 268 LANDOWNERS/PRODUCERS
- ASSISTED IMPLEMENTATION OF OVER 135 CONSERVATION PRACTICES
  - TRACKING OVER 450
- TRACKED OVER 45,800 ACRES OF NUTRIENT MANAGEMENT PLANS
- ALLOCATED OVER \$900,000 IN COST SHARE ASSISTANCE
- REDUCED 18,015 POUNDS OF PHOSPHORUS



LAND & WATER RESOURCES DEPARTMENT

Laura Hicklin, Director  
Joe Parisi, Dane County Executive

Land Conservation - Office of Lakes & Watersheds - Parks - Water Resource Engineering

RCPP MOU: WI #: 68-5F48-15-05; NHQ #: 14-C-WI-453

Project Title: Reducing Total Phosphorus and Sediment Loads in the Yahara Watershed through Wisconsin's Adaptive Management Option

Report Type: Semi-Annual

Report Period: 10/1/2017 to 3/31/2018

Report Date: 4/30/2018

Deliverable Item #1: Conservation Practice Implementation

Deliverable Item #1A: NRCS Financial Assistance

During the reporting period, there was one NRCS-RCPP-EQIP sign-up/bidding deadline on Oct 20, 2017. As of 3/31/2018, six NRCS-RCPP-EQIP contracts have been obligated for a total of \$41,630.00 in fiscal year 2018. As part of the final RCPP proposal, it was estimated that roughly \$180,000.00 in NRCS financial assistance would be obligated in fiscal year 2018 (Figure 1). A list of practices and total units by fiscal year under NRCS contract is available in Table 2.

Figure 1. Graphic depicting RCPP proposal versus obligated NRCS financial assistance.

Federal Fiscal Year	Proposed NRCS Financial Assistance	Obligated NRCS Financial Assistance
FY2015	~\$100,000	~\$50,000
FY2016	~\$250,000	~\$150,000
FY2017	~\$250,000	~\$500,000
FY2018	~\$200,000	~\$50,000
FY2019	~\$200,000	~\$0

Lyman F. Anderson Agriculture & Conservation Center  
5201 Fen Oak Drive, Room 208, Madison, WI 53718; Phone: (608)224-3730 Fax: (608)224-3745  
www.countyofdane.com/lawd

# CONSERVATION PRACTICES

## INCREASE IN PRACTICES IMPLEMENTED

- 58 IN 2016
- 135 IN 2017
- TOTAL OF 450

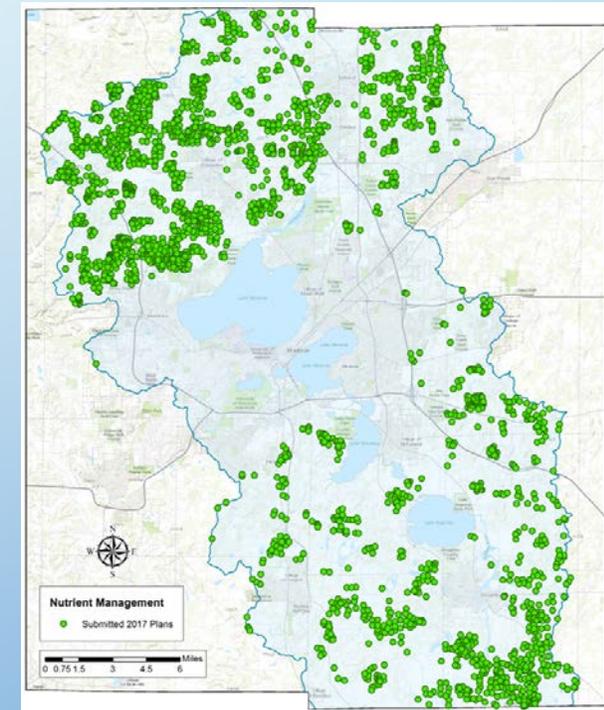
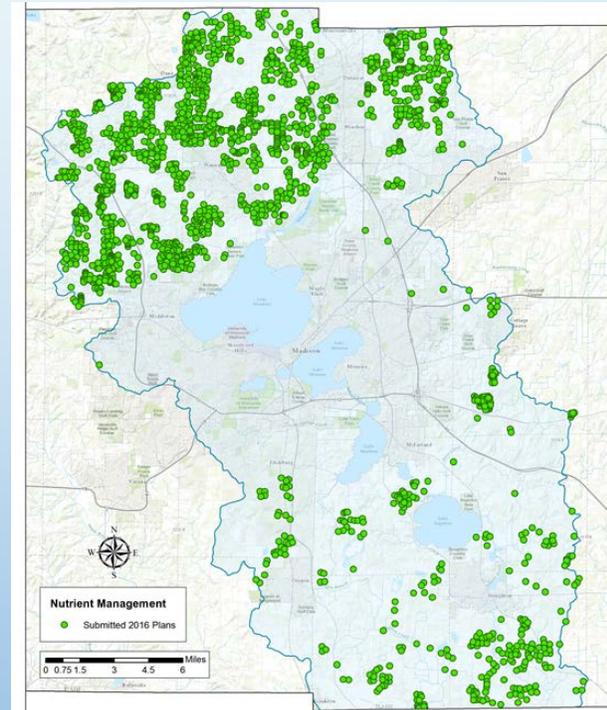
## TRADITIONAL PRACTICES CONTINUE TO BE IMPLEMENTED

## INNOVATIVE AND DIVERSE PRACTICES ARE BECOMING MORE POPULAR

- ARIAL COVER CROPS
- ROTATIONAL GRAZING
- HARVESTABLE BUFFERS



# NUTRIENT MANAGEMENT PLANS



Total Cropland Acres = 117,500

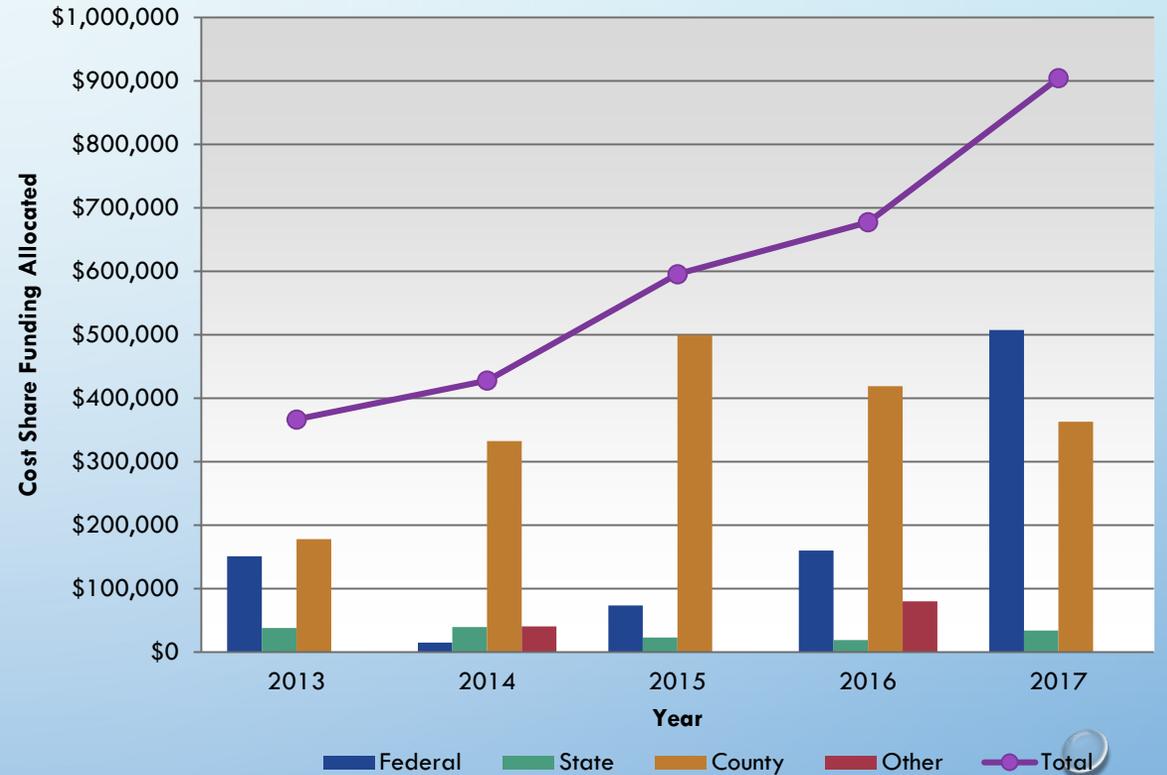
# COST SHARE ASSISTANCE

## INCREASE IN COST SHARE ASSISTANCE PROVIDED

- CAUSED BY INCREASE IN PRACTICES IMPLEMENTED

## LARGE INCREASE IN RCPP FEDERAL FUNDING ALLOCATED

- UTILIZED FOR MANAGEMENT PRACTICE IMPLEMENTATION LIKE COVER CROPS
- FUNDING LIKELY SPENT BY 2019
  - EXPLORING OTHER ALTERNATIVES TO FUND MANAGEMENT PRACTICES

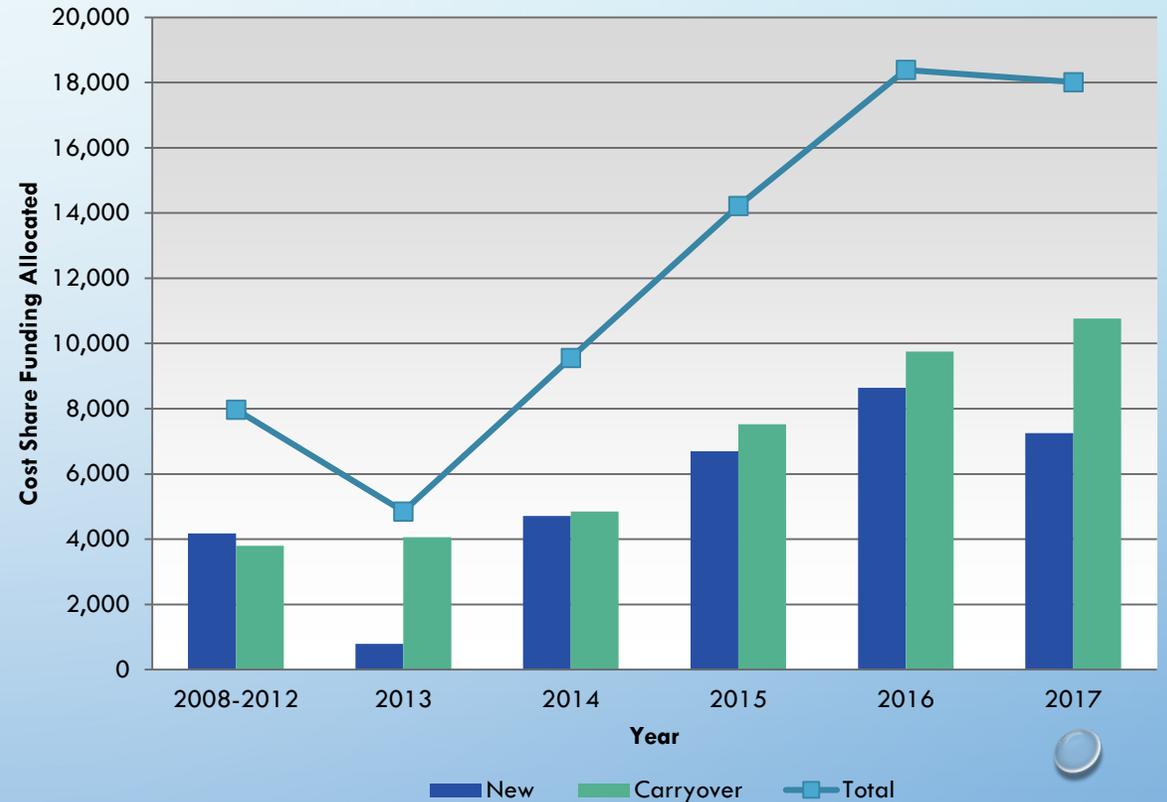


# POUNDS OF PHOSPHORUS REDUCED

SLIGHT DECLINE IN THE NEW POUNDS OF PHOSPHORUS IN 2017

CARRYOVER POUNDS CONTINUE TO INCREASE

MORE THAN 18,000 POUNDS OF PHOSPHORUS REDUCED (>18% OF PROJECT GOAL)



Phosphorus Reduction Goal = 95,724