Yahara WINS

October 17, 2017
Welcome!

Introduction & quick update on interesting in your community or organization.
**Voting:** Only the Authorized Rep or Alternative from those entities who signed the IGA:

<table>
<thead>
<tr>
<th>Cities</th>
<th>Villages</th>
<th>Towns</th>
<th>Others</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fitchburg</td>
<td>Cottage Grove</td>
<td>Blooming Grove</td>
<td>MMSD</td>
</tr>
<tr>
<td>Madison</td>
<td>DeForest</td>
<td>Burke</td>
<td>Village of Oregon (WWTP)</td>
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<tr>
<td>Middleton</td>
<td>Maple Bluff</td>
<td>Cottage Grove</td>
<td>Stoughton Utilities (WWTP)</td>
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<tr>
<td>Monona</td>
<td>McFarland</td>
<td>Dunn</td>
<td>UW-Madison</td>
</tr>
<tr>
<td>Stoughton</td>
<td>Shorewood Hills</td>
<td>Middleton</td>
<td>WDNR-Nevin Fish Hatchery</td>
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<tr>
<td>Sun Prairie</td>
<td>Waunakee</td>
<td>Westport</td>
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<td></td>
<td>Windsor</td>
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2018 Revenue

- Unencumbered carryover
- Charges to IGA Members
- Income from grants, other MOUs, etc.
- MG&E Foundation
- Interest income
- **Total for 2018: $1,509,100**
2018 Budget - Expenditures

- Phosphorus reduction, $975,600
- Water Quality Monitoring/modeling, $140,000
- Supporting Services, $78,500
- Transfer to Designated Operating Reserve, $315,000
- Total for 2018, $1,509,100
MUC Foundation

Savings account interest

Total Revenue plus unencumbered carryover $1,509,100

Expenditures

Phosphorus reduction
Dane County phosphorus reduction services agreement $540,000
Columbia County phosphorus reduction services agreement $50,000
Rock County phosphorus reduction services agreement $180,000
Yahara Pride Farms phosphorus services agreement $130,000
Yahara Pride Manure Composting Grant $21,400
General P reduction practice funding $20,000
Phosphorus reduction grant program $34,200
Subtotal $975,600

Water Quality Monitoring or modeling
Water quality monitoring analytical services (MMSD) $40,000
USGS joint funding agreement $75,000
Rock River Coalition water quality monitoring $25,000
Subtotal $140,000

Supporting Services
WINS staffing $46,000
Financial audit $7,500
Communications $12,000
Miscellaneous $5,000
Legal services agreement $8,000
Subtotal $78,500

Transfer of funds to designated operating reserve $315,000

Total Expenditures $1,509,100

Revenue minus expenditures (potential unencumbered carryover to 2019) $0
Yahara WINs Adaptive Management Strategic Planning Workgroup Meeting

October 17th 2017

Dane County Land & Water Resources Department

Kyle Minks
Land and Water Resources Scientist
Calculating Phosphorus Reductions

- P reductions are calculated using tools or models that are specific to the conservation practices being implemented
  - SNAP Plus
  - NRCS Gully Erosion Calculator
  - P8
- Calculations are conducted before and after a practice is implemented
- Before and after values are subtracted to get the P reduction
Calculation Example

- Resource concern
  - Soil and nutrient loss
- Conservation practice
  - Forage and Biomass planting
  - Prescribed grazing
  - Conservation Reserve Program
    - Monarch Initiative
Calculation Example

- Use SNAP Plus to determine rotational average PI value and annual pounds of P reaching nearby surface water.
  - 202.4 pounds of P per year
- Implement and certify the practices
- Re-run SNAP Plus and P calculations
  - 0 pounds of P per year
- Subtract pre and post practice P values to get pound of P reduced
  - Annual pounds of P reduced for the life of the practice = 202.4
Tracking Reductions

• Information tracking
  – Practice location
  – Practice name
  – Landowner information
  – Implementation date
  – P loss before
  – P loss after
  – Funding source and amounts
  – Practice lifespan
Accomplishments

• RCPP-EQIP was a BIG SUCCESS
  – 20 + applicants
  – Over $507,000 in cost share (goal was $237,000)
    • 1,000 + acres of cover crops flown on
    • Cropland transitions to pastures
    • Waterways
    • Waste transfer systems
    • Etc.

• RCPP annual report due Oct 31st
Yahara WINS Outreach

- Facebook video
- Annual Report
- Press release
### 2017-2018 Project Request:

<table>
<thead>
<tr>
<th>Budget Items</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Volunteer Recruitment and Training</td>
<td>$3,150</td>
</tr>
<tr>
<td>Volunteer Support, Workshop and Conference Planning</td>
<td>$8,960</td>
</tr>
<tr>
<td>Data Management, Sharing and Reporting</td>
<td>$6,125</td>
</tr>
<tr>
<td>Exploratory Flow Study</td>
<td>$2,100</td>
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<tr>
<td>Equipment/Software Purchases, Mileage, Travel</td>
<td>$4,614</td>
</tr>
<tr>
<td><strong>TOTAL REQUEST</strong></td>
<td><strong>$24,949</strong></td>
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RRC 2018-2019: Summary

No substantive changes --

✓ 53 stream monitoring sites to be staffed by volunteers
  o 35 nutrient sampling sites
  o 27 continuous stream temperature sites
✓ Organize, facilitate 2 training workshops
✓ Organize volunteer – partner workshop
✓ Organize all volunteer conference

Highlighted Change
✓ Extension and modification to exploratory study of flow
Yahara WINS Communications
Other Business

• 2018 Meeting Dates