

Welcome and Introductions

- Welcome Tom Sigmund
- Introductions (All)
- Review from Kickoff Meeting
 - NEW Water's compliance with permit
 - Measurable improvements in water quality
 - Evaluate if we can do this full scale
 - Diverse stakeholders with common goals
 - Collaboration with stakeholders and landowners to implement watershed improvements
- Meeting Purpose
 - Share progress updates with all stakeholders
 - Receive feedback from stakeholders
 - Transition of project leadership
 - Coordination with CH2M Hill

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Housekeeping, Meeting Approach, & Agenda

- General housekeeping
 - Restrooms
 - Emergency exits
- Lunch plans
 - Working lunch at 12:00 Madison Adaptive Management Update Kathy Lake
- Meeting Approach
 - More informal than kickoff meeting not all presentation
 - Hope to generate discussions
- Agenda
 - Many updates to provide
 - Encourage discussion
 - Try to adhere to times on the agenda plan to adjourn at 1:00
 - Presentation slides will be available on the NEW Water website
 - Meeting summary will be provided
 - "Parking Lot"

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Stakeholder Interested in, affected by, or perceives that they might be affected by a given action or decision. Partner Actively contributing time and resources to assist with the project. Committees Wetlands Vegetated Water Treatment Grazing Wetlands Vegetated Water Treatment Wetlands Vegetated Water Treatment Grazing CH2MHILL. Wenuscopped Proce Memanton CH2MHILL. CH2MHILL. Wenuscopped Proce Memanton CH2MINITION CH2

Project Stakeholders, Vision and Charter

Many complimentary efforts with coordination between each

A robust and collaborative pilot study in the Silver Creek subwatershed that is consistent with stakeholder ecological restoration goals, and that provides NEW Water with the information to make an informed and confident decision on whether to use the adaptive management approach to meet the phosphorus and total suspended solids reductions required to meet designated use and water quality goals in the Lower Fox River Basin.

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Project Goal

Expand upon team charter and vision statement to guide pilot project

Design, implement, and evaluate stakeholder capacity for a cost effective, scientific-based agricultural-focused adaptive management pilot project that allows Silver Creek to achieve the phosphorus and sediment water quality standards.

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<u>Design</u>, <u>implement</u>, and <u>evaluate stakeholder capacity</u> for a cost effective, scientific-based agricultural-focused adaptive management pilot project that allows Silver Creek to achieve the phosphorus and sediment water quality standards.

- <u>Design</u> a process that engages stakeholders, leverages relationships, baselines water quality, and collect soils and land management information on all agricultural lands to support nutrient and conservation planning and predictive watershed water quality modeling (e.g. SWAT) that is repeatable and scalable.
- Implement the recommendations within the plans through collaborative partnerships with agronomic, grower, and owner support that will achieve water quality while not threatening the vitality of farming, while evaluating the incentives required for permanent installation.
- Evaluate stakeholder capacity for their current ability to provide professional, regulatory, and personal support to landowners, growers, and NEW Water, and to determine resource needs and delivery platforms that could be scalable.

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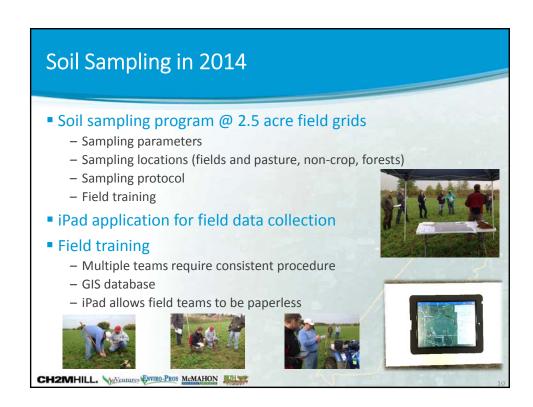
- Evaluate the <u>cost</u> of the pilot project in terms that are scalable, that capture realized and future costs, and are comparable to other permit compliance options.
- Scientific-based process that integrates agronomic experts and other technical experts, regulators, advocates, and modelers to support plan implementation through partnerships with landowners and growers, to reduce uncertainty in evaluating project success and scalability.
- Agricultural-focused project design and implementation to a partner that may have the opportunity to simultaneously improve operations while improving water quality and soil health, but may not have the resources to do so.

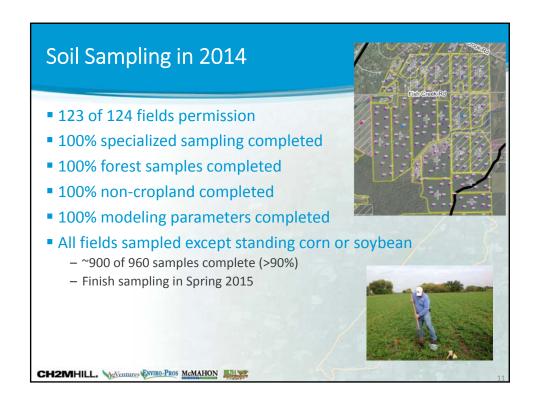
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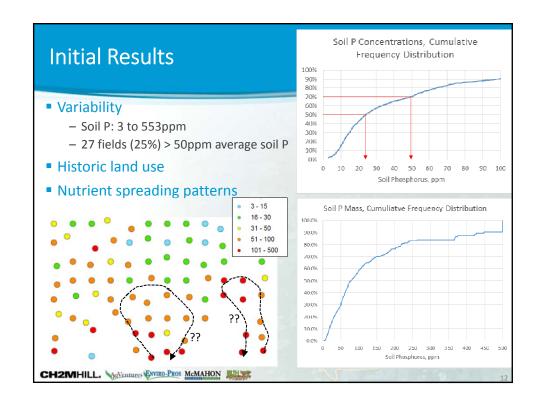
Design, implement, and evaluate stakeholder capacity for a cost effective, scientific-based agricultural-focused adaptive management pilot project that allows Silver Creek to achieve the phosphorus and sediment water quality standards.

- Silver Creek watershed that is a representative agricultural dominated headwater watershed of manageable size where compliance can be associated with internal activities, to determine if compliance at its pour point can be evaluated.
- Evaluate the attainment of <u>water quality</u> standards including the phosphorus criterion of 0.075 mg/L and the narrative total suspended solids standard set to be 18 mg/L in the TMDL.

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Soil Sampling

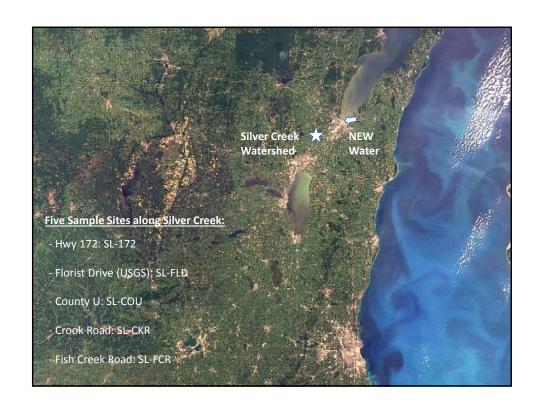
- Baseline watershed
- Support of Nutrient Management Plans
- Support prioritization and focus of Conservation Plan field walks
- Support future SWAT modeling
- Track progress over time...each point.

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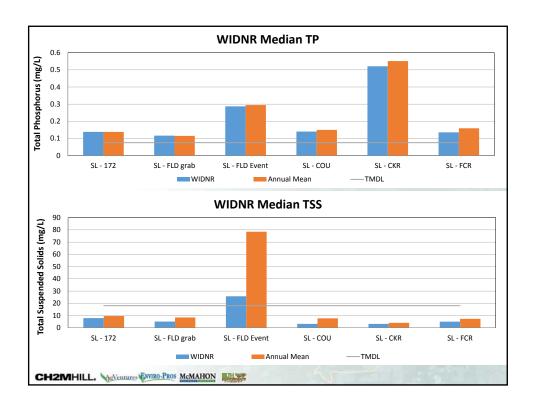
Water Quality and Biological Monitoring

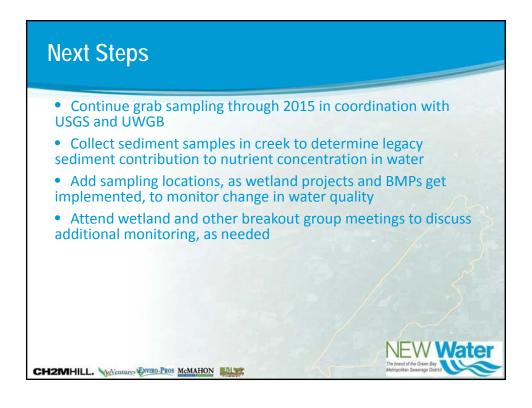
- Silver Creek Pilot Project Sampling Update
 - Erin Wilcox Water Resources Specialist, NEW Water

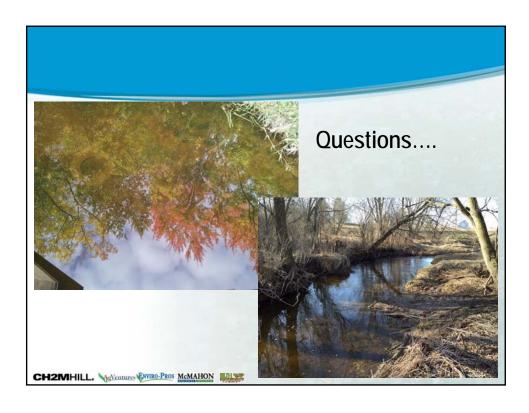
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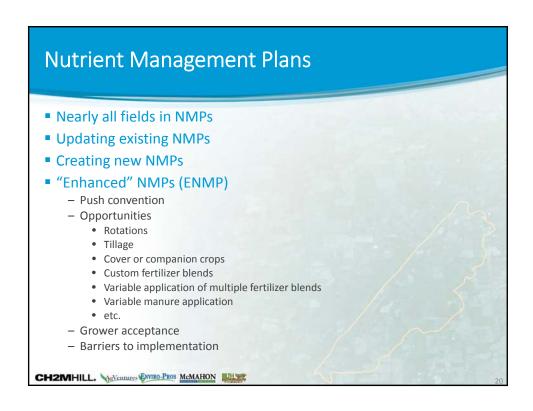


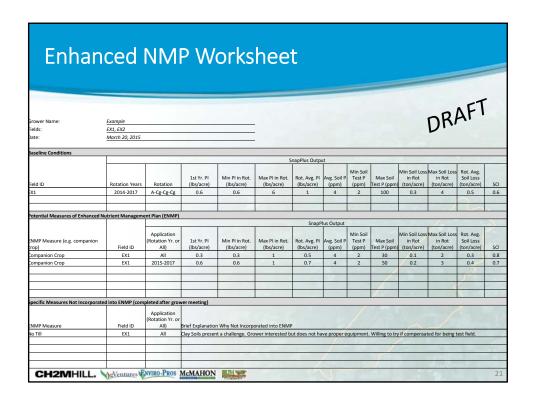


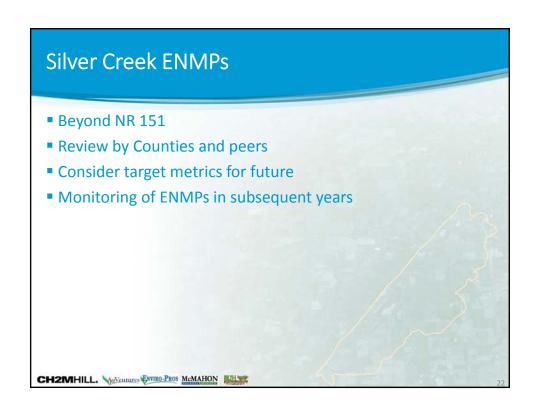




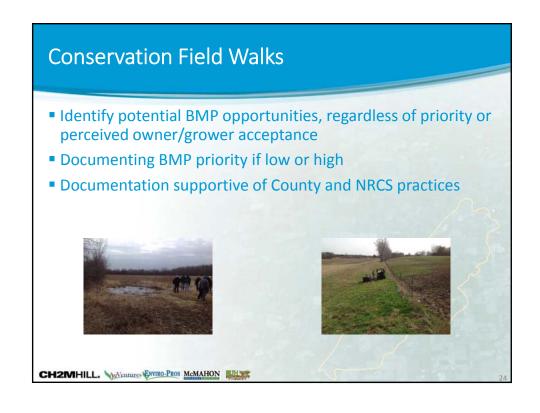


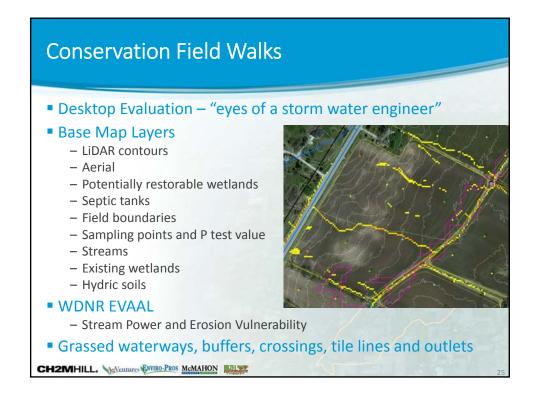






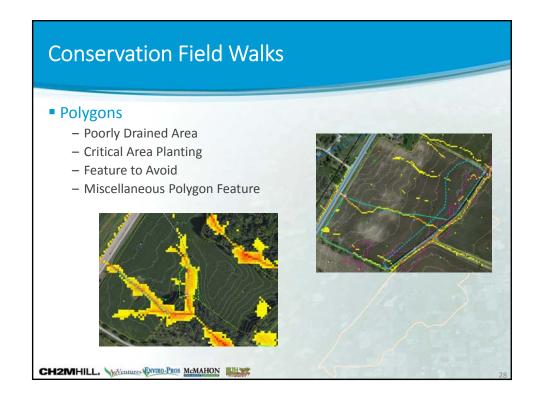












Conservation Field Walks

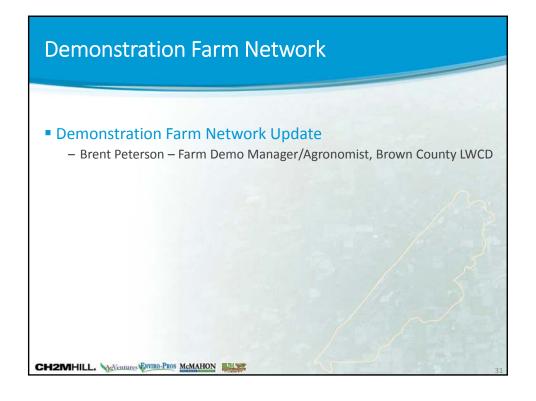
- Complete within next 2 weeks
- Compile Data
- Review with Field and Desktop Teams
- Coordinate with Enhance Nutrient Management Plans
- Template Conservation Plan
- Opportunities and Implementation
 - Grower meetings
 - Program enrollment and financial planning
 - Implementation

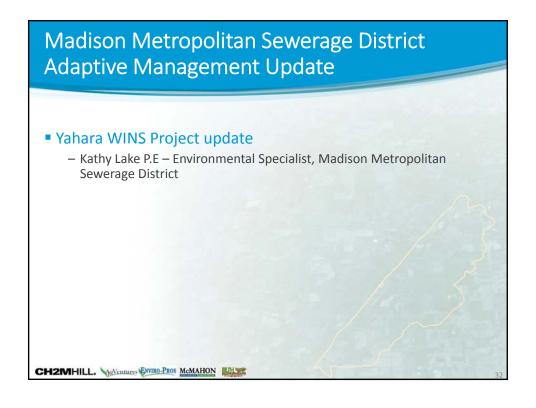
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Wetland Committees Update

- Three team efforts:
 - Wetlands Team (USFWS, DU)
 - TNC Wetland Plans The Fund For Lake Michigan
 - Vegetated Water Treatment System GLRI
- Three teams collaborating as "Habitat Restoration Team"
 - Site selection
 - Project planning/overlap
 - May result in working together on site(s)
- Common goals between all three efforts
 - Looking for the best land use plan to improve water quality
 - Implementing permanent watershed improvements

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Grants Update

- NEW Water Grants
 - Ducks Unlimited \$140,000 wetland restoration
 - Natural Resource Damage Assessment (NRDA) \$100,000
 - Great Lakes Restoration Initiative \$1.68M over 5 yrs
 - \$292,608 for yr 1
 - Help support Silver Creek Pilot Project
 - Contracted services
 - · Nutrient management planning
 - BMP implementation
 - Subawards
 - County LWCDs
 - Grazing study UWGB & Oneida Nation
 - Vegetated Water Treatment Study UWGB & Oneida Nation
- Other funding in Silver Creek
 - The Nature Conservancy (TNC) The Fund for Lake Michigan
 - Other?

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Landowner and Grower Contact and Communication

- Very systematic approach
 - Private agronomists have met personally with landowners and growers trusted
 - Tilth and AgVentures
 - · Permission for soil sampling
 - Permission for conservation field walks
 - Silver Creek Information Meeting Feb 24, Lawrence Town Hall
 - Landowners and growers
 - Agronomists
 - County/NRCS/Oneida staff involvement in conservation field walks
 - Compile all results of conservation planning and wetland effort site selection to provide a package of options to landowners.

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Next Steps

- Finish Enhance Nutrient Management Plans
- Coordination with Conservation Plan
- Coordination with Committees
- Landowner and Grower Outreach
- Completion of Remaining 50% of Fields
- Plan for 2016 activities
- Planning for Full Scale Implementation

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Next Stakeholder Meeting Date Wednesday, September 23, 2015 CH2MHILL. MARKET MEETERS MEMAHON RES