Silver Creek Pilot Project Update

February 25, 2016

Jeff Smudde, NEW Water
Watershed Programs Manager
T: (920) 438-1071
E: jsmudde@newwater.us
2015 – A Year of Inventory

Soil Sampling

• 108 Fields sampled – 2.5 acre grid

Comprehensive Field Evaluations

• ArcGIS Collector – tablet application
2015 – A Year of Inventory

Conservation Planning Meetings

Grazing & Wetland Planning Meetings

• Agronomists, County, Oneida, NRCS, CH2M, NEW Water Staff
Silver Creek Total Phosphorus

![Graph showing Total Phosphorus (mg/L) for sample sites SL-172, SL-FLD grab, SL-FLD Event, SL-COU, SL-CKR, SL-FCR for 2014 and 2015 compared to WQ Std.]

Silver Creek Total Suspended Solids

![Graph showing Total Suspended Solids (mg/L) for sample sites SL-172, SL-FLD grab, SL-FLD Event, SL-COU, SL-CKR, SL-FCR for 2014 and 2015 compared to WQ Std.]

Success in 2015

Critical Area Planting

Inter-Seeding

Cover Crops
Success in 2015

Perennial Forage

Waterway setbacks

No-Till
Observations From the Pilot Project

• Diverse field walk teams yield new perspectives for conservation opportunities
• Every field has a need
• Grower trust is critical, but is variable
• Contracts may not be required, or possible for some growers
• Growers are stewards, but businessmen first
Next Steps - 2016

• Refine Conservation Plans and Enhanced Nutrient Management Plans
• “Kitchen table” meetings with growers and owners
• Cost-Share Agreements
• Installing practices
• Wetland restoration
• Establish grazing operation
Questions?

Jeff Smudde
Watershed Programs Manager
Green Bay Metropolitan Sewerage District

T: (920) 438-1071
E: jsmudde@newwater.us
www.newwater.us