Project Reviews

Shingle:
- 10 project reviews
- 8 WCA actions

West Miss:
- 10 project reviews
- 10 WCA actions
• TP, TSS, TKN all **significantly** decreased at both SC-0 and SC-3 over last 10 years
• TP decreased at Bass Creek, TP, TKN no trend
• SRP, DO, chloride, E. coli continue to be an issue
Lake WQ Monitoring

Bass, Pomerleau, Schmidt, Upper, Middle, and Lower Twin

Goodbye to Sarah....
Fish and SAV Monitoring

Bass, Pomerleau, and Schmidt Lakes

Bass Lake Curly-leaf Pondweed

Shingle Creek Fish Survey
HUC 8 Study

FEMA Study Areas in the Shingle Creek/West Mississippi Hydrologic Boundary
Twin Cities HUC 8 Flood Risk Project

Legend
- Zone A - approximate study area
- Zone AE - detailed study area
- Effective Special Flood Hazard Area
- City Boundaries
Meadow Lake Mgmt Plan

$152,000 grant request

Figure 2. Meadow Lake decision tree.
Connections II Feasibility Study

$328,000 grant request
Minneapolis SWA
Bass and Pomerleau Alum Treatments
2019 TP well below state standard all season

Alum effectively suppressing sediment phosphorus release
Closed Out Biochar Project
Carp Removal on Ryan Creek

3,800 pounds removed
SRP Reduction Project
Crystal Becker Park Project
Crystal Lake Mgmt Plan

$216,066 Section 319 grant
2020 Activities

- Routine stream and lake monitoring (Eagle, Pike, Cedar Island)
- Monitoring grant-funded lakes (Bass, Pomerleau, potentially Crystal and Meadow)
- Annual water quality report
- Complete HUC 8 Study
- With Robbinsdale, assess options for overflow pumping from Crystal Lake to Ryan Lake
- Remove carp from Ryan Creek/Twin Lake system

- SRP project ongoing monitoring, evaluate options for channel improvement
- Second alum treatment Bass and Pomerleau Lakes
- Crystal Lake carp and SAV management; prepare for alum treatment
- If funded, prep for Meadow Lake fall drawdown
- If funded, develop plans and specs for Connections II stream restoration project