

Hillcrest Site Investigation Status

- Planned Investigation 95%+ Complete
- Additional Soil Sampling/Testing
 - Greens, Tee Boxes, Fairways and Rough Areas
 - Former Maintenance/Equipment Area
 - Former Clubhouse/Storage/Support Area
 - Berm and Buried Debris/Solid Waste Areas
 - Pond/Wetland Areas
- Additional Water Sampling/Testing
 - New Monitoring Wells
 - Former Irrigation and Shop Wells
 - Water in Existing Ponds/Wetlands

Primary Investigation Findings

- High mercury concentrations on greens, tees boxes and fairways are extensive and require cleanup.
- Lower mercury concentrations in former rough areas, but exceptions found.
- Mercury concentrations in pond and wetland sediment/soil samples are high at many locations and require cleanup.
- Pond water and groundwater not impacted by mercury.

Mercury Concentrations / Standards

Site Location Description	Typical Mercury Cleanup Standard - Residential	Typical Mercury Cleanup Standard – Commercial/Industrial	Highest Mercury Concentrations Detected at Hillcrest Site to Date
Greens/Fringes	0.5 mg/kg	1.5 mg/kg	144 mg/kg
Tee Boxes	0.5 mg/kg	1.5 mg/kg	7 mg/kg
Fairways	0.5 mg/kg	1.5 mg/kg	5 mg/kg
Pond/Wetland Areas	0.5 mg/kg	1.5 mg/kg	26.3 mg/kg
Notes: mg/kg = milligrams per kilogram			

Contaminated Ponds/Wetlands

- Multiple soil and sediment samples collected from the major pond/wetland areas.
- Mercury concentrations detected above anticipated cleanup standards in all but one pond/wetland area.
- Impacts likely related to runoff from greens, tee boxes, and fairways.
- Additional impacts likely from maintenance, equipment, and agricultural chemical storage areas near the southeast corner of Site.

Ponds /Wetlands Results Map

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Drawings Information

Project No:
B1903316-00
Drawing No:
B1903316-00
Drawn By: BJR
Date Drawn: 5/23/19
Checked By: MK
Last Modified: 5/1/20

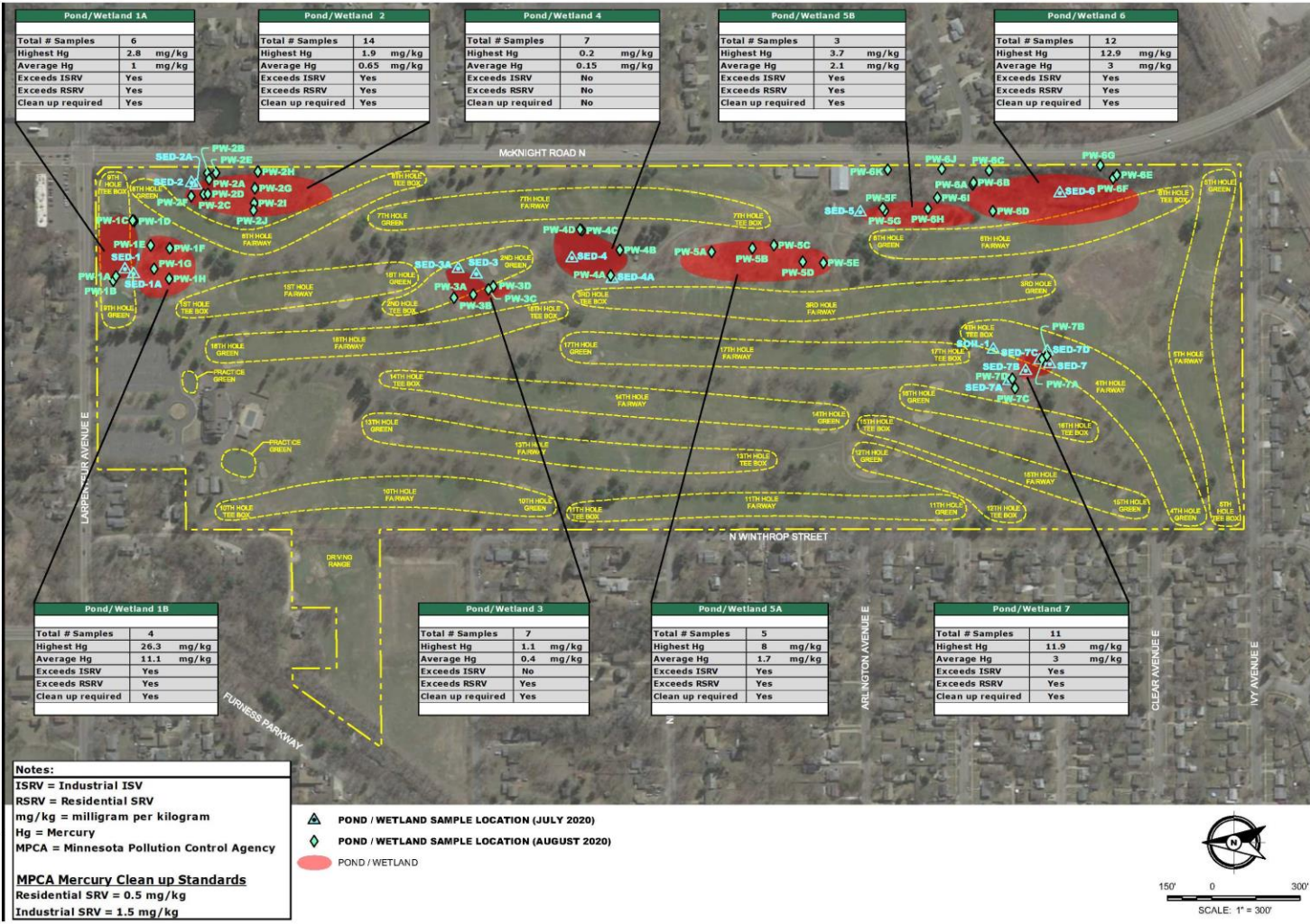
Project Information

Former Hillcrest
Golf Course

2200 Larpentour
Avenue E

Saint Paul, Minnesota

**Pond / Wetland
Results Map**



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