

Best management practices as provided by Metro

1. Metro, Engineer and Contractor shall pay special attention to the beaver pond creation area in the channel. All of the project work is expected to occur in recent sediments and/or over sufficiently deep overbank silts, however, Metro wishes to be protective of the Pleistocene sand and gravel aquifer.
2. Contractor awareness: Metro will discuss the geologic setting and concerns regarding the Pleistocene sand and gravel aquifer with Contractor at a weekly project meeting prior to excavation activity. Contractor shall make all project staff aware of the difference between overbank silts and sand/gravel components. All staff, including operators of excavator and dump trucks, shall watch for changes in sediment character during channel clearing work. If any change from silty sediment to sandy and/or gravelly material occurs, Contractor shall stop work immediately and contract Metro Project Manager. If water movement from the aquifer into the channel is visible, Metro shall have Contractor re-cover the area with silty material.
3. Metro monitoring of Contractor work: Metro's Project Manager is on-site at least once per week during project work. In addition, Metro hired an external engineering firm (Engineer) to assist with construction management. Engineer shall visit site, typically twice per week, to check Contractor's work. Engineer's work shall include examining areas newly dredged for evidence of shift in material composition from silty to sandy or gravelly, and/or evidence of water movement to the surface from the sand and gravel aquifer. If such a shift is noted, Metro shall direct Contractor to re-cover the exposed sandy or gravelly material with silty sediment.