



2018 Legacy Park Conservation Turf

Overview

In addition to playgrounds and an open lawn play area, the newly constructed Legacy Park boasts nature trails, fort building pods and natural climbing areas. To foster an early environmental ethic, the City was awarded grant funds to implement a low-mow fescue turfgrass with three levels of soil enhancement including:

- 1) Compost and topsoil supplement
- 2) Compost only supplement
- 3) Fescue seeded directly onto native soil.

The three areas of varying enhancement will allow staff to determine, and show the community, how different soil practices promote healthy, lower maintenance turf.



Adding compost to soil helps lawns retain moisture and nutrients

Fescue grasses are disease and insect resistant and drought tolerant, requiring less water and fertilizer use!

Practices

- ♦ Sustainable suburban turfgrass
- ♦ Soil enhancement
- ♦ Urban water Conservation

Project Benefits

- ♦ Fertilizer and herbicide reduction
- ♦ Reduced pollutant runoff
- ♦ Fossil fuel reduction
- ♦ Groundwater Conservation
- ♦ Reduced City maintenance costs
- ♦ Civic engagement and education

Partner

- ♦ Vermillion River Watershed JPO

Contractors

- ♦ KA Witt
- ♦ The Mulch Store

Timeline

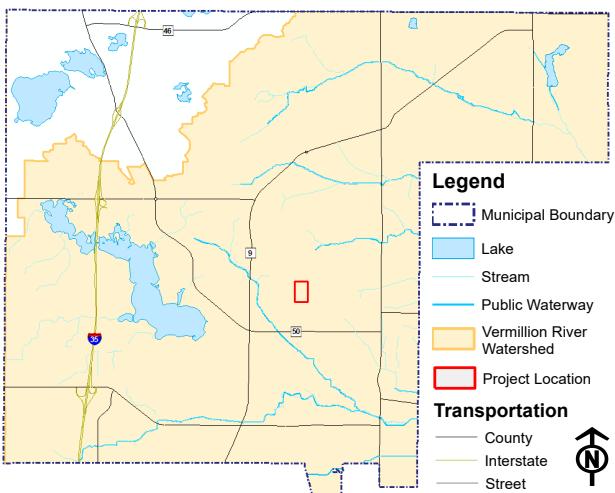
- ♦ Park construction – July—Sept. 2018
- ♦ Site showcase with MN Park and Sports Turf Management Association—Summer/Fall 2019

Funding

Vermillion River Watershed Stewardship Grant: \$5,000
City of Lakeville: \$2,688

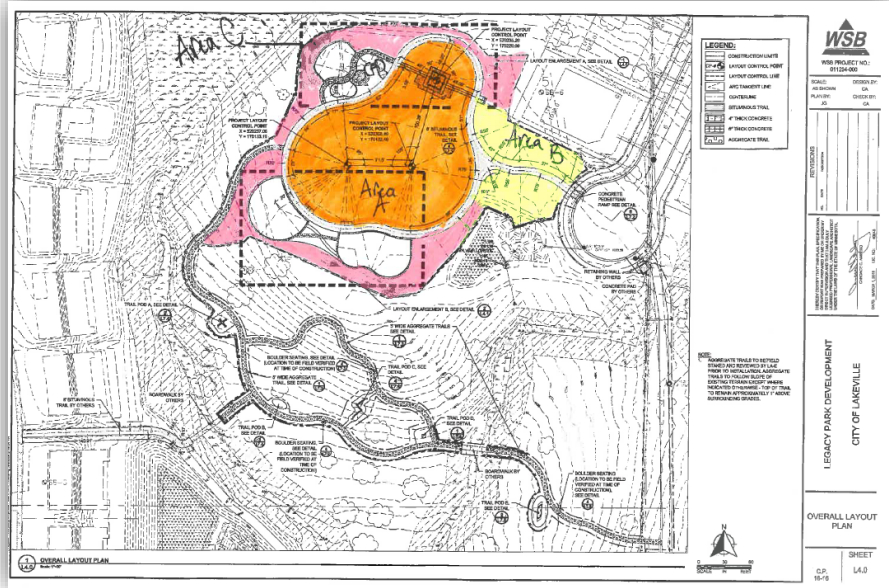
Project Cost: \$7,688*

*Only includes cost of compost and soil prep





(Above) Legacy Park master plan.



(Above) Seeding exhibit. Area A was supplemented by both compost and topsoil, Area B was supplemented by compost only, and Area C was fescue seeded on native soil.



(Above) Areas A and B post construction (first growing season).



(Above) Compost awaiting spreading during park construction.



(Left) Compost being spread.



(Right) Nature trails and fort building pods post construction.