

Locke Park Water Treatment Plant Improvement & Expansion Project



This project is for improving the reliability and treatment of a public water supply, as well as providing benefit to the environment.

The City of Fridley's Locke Park Filtration Plant was originally constructed in 1969 and is located near University and 69th Avenue. Given the last major upgrades were made over two decades ago and due to ongoing operational deficiencies, the City retained the engineering services of Short Elliott Hendrickson to assist in design of the much needed water treatment plant improvements, which include: a new 27' wide by 84' long filter water reclaim basin to maximize water reuse, filter rehabilitation with new media that will improve the water treatment process, plant safety upgrades, and site work for new driveways to access the facilities.

The environmental benefits provided by the new reclaim basin include the conservation of both water and power. Without a reclaim basin, the treatment plant discharged an annual average of 25 million gallons of water to Rice Creek. Following construction of the reclaim basin, water will be recovered and recycled through the treatment process. This reduces artificially induced flows to Rice Creek and eliminates any possible surface water quality issues due to the discharge. Recovery and reuse of the water also reduces the amount of groundwater pumped from deep water supply wells, and subsequently, annual plant power usage will be reduced.

The project was awarded to Magney Construction of Chanhassen, MN. Construction will begin in May with completion in 2020.

Questions: Call the Engineering Division at (763) 572-3554