

Summary of Pros and Cons

Backyard Sewer Alignment, 6717-6761 Eastern Ave

Pros

- Gravity sewer system – no need for on-site grinder pumps
- Shorter length of lateral rehabilitation, i.e. lower WSSC contract cost

Cons

- Feed from Walnut Avenue not feasible, alternative requires new feed on private properties that have not agreed to relinquish property rights
- Permanent easement required, restricted use of backyard
- Tree removal impacts
- Irregular terrain and storm water interference with new main
- Private sewer laterals not renewed by WSSC
- High risk of sewer overflow and contamination due to root penetration of sewer system
- Increased and challenging maintenance
- Construction impacts at both front and back of homes

Summary of Pros and Cons

Eastern Avenue Sewer Alignment

Pros

- Full length of laterals to be relocated by WSSC, i.e. renewed laterals at no cost to homeowner
- Easy future maintenance access for the sewer main, no need to enter the property for main rehabilitation alone
- No tree removals
- No easements required, full use of yard
- Water and sewer construction impacts in the same location at front of home

Cons

- Reliance on grinder pumps (maintenance and power outages)
 - WSSC providing grinder pump warranty and generator
- Homeowner responsible for grinder pump maintenance costs after 10 years
 - Homeowner responsible for maintenance costs of private lateral with either alignment
- Right-of-entry required to install grinder pump and electrical upgrades

Summary of Pros and Cons

No-Build Alternative

Pros

- No reliance on grinder pump system
- No easements or Right-of-entry required, full use of yard
- No tree removal impacts
- No construction impacts from a planned sewer and water main replacement project
- Continued service from WSSC, including maintenance and emergency response

Cons

- No opportunity for full lateral renewal by WSSC (as would occur with low pressure sewer alignment)
- Reliance on aged sewer and water mains
- Difficult access for maintenance and emergency repairs
- No upgrade to fire protection
- No upgrades to 1 1/2" water house connections