

Representative Footprints for Potential Siting Within or Adjacent to Boundary

CSO Treatment (with Influent Pumping), Typ

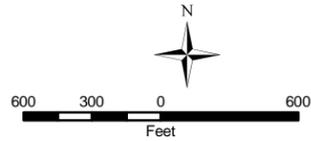
DSN039/041-WWT-1 (KC)
Ballasted Sedimentation
Total Footprint = ~1.98 Acres
Total Flow = ~66.0 MGD
Total Volume = ~0.89 MG

DSN039/041-WWT-1 (KC)
CEPT w/ Lamella Plates
Total Footprint = ~2.26 Acres
Total Flow = ~68.0 MGD
Total Volume = ~0.72 MG

Equalization Basin, Typ

- KC Manholes
- SPU Maintenance Hole
- 5-ft Contour
- 20-ft Contour
- Proposed Conveyance
- KC-WTD Conveyance
- SPU Drainage Mainline
- SPU Sanitary Mainline
- SPU Combined Mainline
- Representative Footprint
- Connected Area with High GSI Potential
- Connected to Combined Sewer System

Total S Michigan St CSO Basin: ~1,886 acres
Total Brandon St CSO Basin: ~376 acres



Approximate Boundary for Alternate Location of Wet-Weather Treatment Facility

The consolidated wet-weather treatment facility for this alternative could be located anywhere between the Brandon St Regulator Station and S Michigan St Regulator Station (dashed boundary). Conveyance would need to be re-evaluated if wet-weather treatment facility moves from assumed location (solid boundary).

Approximate Boundary for Assumed Location of Wet-Weather Treatment Facility

Wet-weather treatment facility has been assumed to be located within or adjacent to the solid boundary shown for cost estimating purposes. Approximate boundary is intended for planning purposes only and does not represent all potential site locations. Further study and evaluation will be completed prior to selection of a preferred site for this consolidated alternative.

See TM 970, CSO Control Alternatives Development for criteria and assumptions used in establishing the approximate boundary.

Potential GSI Opportunities in S Michigan St and Brandon CSO Basins

Brandon St CSO Basin Boundary
S Michigan St CSO Basin Boundary
Approximate Boundary
~29% S Michigan St Basin Area and ~26% Brandon St Basin Area Likely Feasible for GSI

