Representative Footprints for Potential Siting Within or Adjacent to Boundary

CSO Treatment (with Influent Pumping), Typ

DSN030/032-WWT-1 (KC)
Ballasted Sedimentation
Total Footprint = ~2.19 Acres
Total Flow = ~94.0 MGD
Total Volume = ~0.97 MG

DSN030/032-WWT-1 (KC)
CEPT w/ Lamella Plates
Total Footprint = ~2.51 Acres
Total Flow = ~96.0 MGD
Total Volume = ~0.82 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 Hanford/Lander CSO Basin Area: ~3,469 acres

N

740 370 0 740
Feet

Modifications to Lander St Regulator Station

Lander St CSO Outfall

Hanford #2 CSO Outfall

Modifications to Hanford St Regulator Station

Convey to WWTF site

54" Pipe

Elliott Bay Interceptor

Approximate Boundary

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 Lander St Regulator Station and Hanford 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 Hanford #2 and Lander CSO Basins

Hanford/Lander CSO Basin Boundary

~19% Hanford/Lander Basin Area Likely Feasible for GSI

0 8,000 16,000 32,000
Feet

SW Lander St
Alaska Fwy
Utah Ave S
S Forest St
I-5 Ramp
S Stevens St
S Hanford St
4th Ave S
S Hinds St
Spokane St
S Spokane St
U-Turn
East Marginal Way S
1st Ave S
2nd Ave S
West Seattle Fwy

King County
Department of Natural Resources and Parks
Wastewater Treatment Division

File Name:

Data Source:

Figure G.3.6-1

Lander and Hanford #2 - DSN030/032-WWT-1 (KC)
Potential Site Boundary and Representative Footprints

TM 970, CSO Control Alternatives Development