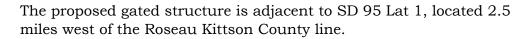
Two Rivers Watershed District Klondike Clean Water Retention Project #11

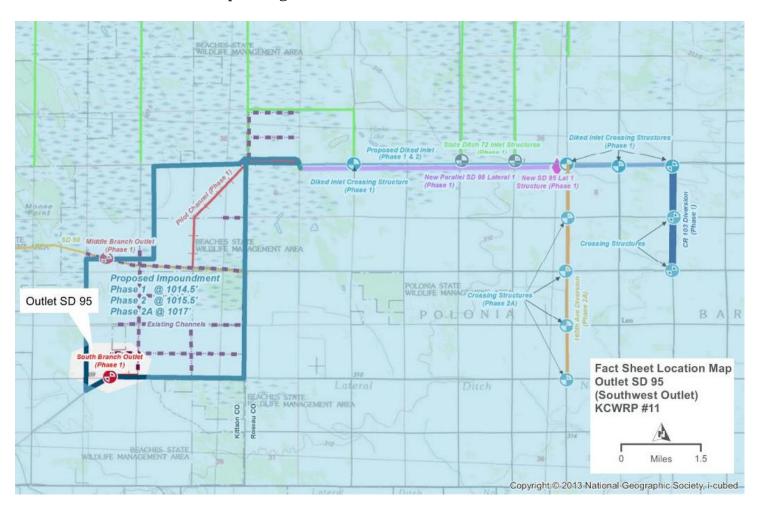
- Fact Sheet - 10/1/22

Outlet SD 95 (Southwest Outlet)





Design of the impoundment outlets references TR-60 for sizing the gates, conduits, drop inlets, and emergency spillways. HEC-HMS and EPA-SWMM were primarily used to complete these calculations and test the sensitivity of each component. Additional detail on the outlet structure is included in the Operating Plan.



Structure	Gate Size [WxH]		Concrete Riser Size	Concrete	Gate opening Invert
SW Outlet	(1) - 6' x 6'	(1) - 6' x 6' RC Box	12' x 28'	1015.5'	1006.1'



Roseau County in foreground; Lat1 Br4 SD95 - Kittson County in background; Lat1 SD95

