Knife River Visitor Center - Sewer and Septic Replacement		
Date: 01/27/2025		
Absorption Field Size Calculations		
Design Flow	640	gal
Absorption field loading (based on P-4 Ave perc test & WPPH OSTS CODE Guidance)	1.27	sf/gpd
Absorption field	812.8	sf
Trench width	3	ft
Lateral length needed	270.9333	ft
Max lateral length	110	ft
Lateral length Used	70	ft
	4	laterals needed
Absorption field width	48	ft