

Effect of Different Length Barrier Walls on Groundwater Levels inside the ENP

Water Level Change (feet)	2-mile Barrier	5-mile Barrier	7-mile Barrier	WRAP Score
0.05-0.1	9,537	12,433	12,242	0.01
0.1-0.2	2,723	12,442	11,930	0.04
0.2-0.3	415	5,070	5,429	0.08
0.3-0.4		2,304	2,495	0.11
> 0.4		697	881	0.11
Total	12,675	32,946	32,977	

WRAP lift	2-mile Barrier	5-mile Barrier	7-mile Barrier
0.05-0.1	108.1	140.9	138.7
0.1-0.2	121.6	555.7	532.9
0.2-0.3	32.1	392.1	419.8
0.3-0.4	0.0	256.5	277.8
> 0.4	0.0	77.6	98.1
Total	262	1423	1467

Committee awarded 150 WRAP units to account for uncertainty in the project
 262/1.75 risk factor = 150 units

Wrap award		1273	1317
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