

Net Present Value and Simple Payback Sensitivity Analysis of Capital Needs Assessment

% of Est. Max Initial Est.	60%	70%	80%	90%	100%	105%
Glenway	\$ 1,403,280	\$ 1,637,160	\$ 1,871,040	\$ 2,104,920	\$ 2,338,800	\$ 2,455,740
Monona	\$ 2,146,740	\$ 2,504,530	\$ 2,862,320	\$ 3,220,110	\$ 3,577,900	\$ 3,756,795
Odana Hills	\$ 10,523,340	\$ 12,277,230	\$ 14,031,120	\$ 15,785,010	\$ 17,538,900	\$ 18,415,845
Yahara Hills	\$ 18,233,700	\$ 21,272,650	\$ 24,311,600	\$ 27,350,550	\$ 30,389,500	\$ 31,908,975
Total	\$ 32,307,060	\$ 37,691,570	\$ 43,076,080	\$ 48,460,590	\$ 53,845,100	\$ 56,537,355

Rounds	60%	70%	80%	90%	100%	105%
Glenway	526,400	526,400	526,400	526,400	526,400	526,400
Monona	526,400	526,400	526,400	526,400	526,400	526,400
Odana Hills	1,052,800	1,052,800	1,052,800	1,052,800	1,052,800	1,052,800
Yahara Hills	1,424,000	1,424,000	1,424,000	1,424,000	1,424,000	1,424,000

Simple Payback Years	60%	70%	80%	90%	100%	105%
Glenway	17.54	20.46	23.38	26.31	29.23	30.69
Monona	21.47	25.05	28.62	32.2	35.78	37.57
Odana Hills	27.69	32.31	36.92	41.54	46.16	48.46
Yahara Hills	29.41	34.31	39.21	44.11	49.02	51.47

NPV	60%	70%	80%	90%	100%	105%
Glenway	\$ 337,520	\$ 108,226	\$ (121,068)	\$ (350,362)	\$ (579,656)	\$ (694,303)
Monona	\$ 36,959	\$ (313,815)	\$ (664,590)	\$ (1,015,364)	\$ (1,366,139)	\$ (1,541,526)
Odana Hills	\$ (2,178,896)	\$ (3,898,396)	\$ (5,617,896)	\$ (7,337,396)	\$ (9,056,896)	\$ (9,916,646)
Yahara Hills	\$ (4,598,217)	\$ (7,577,580)	\$ (10,556,943)	\$ (13,536,305)	\$ (16,515,688)	\$ (18,005,350)

NPV/RD	60%	70%	80%	90%	100%	105%
Glenway	\$ 0.64	\$ 0.21	\$ (0.23)	\$ (0.67)	\$ (1.10)	\$ (1.32)
Monona	\$ 0.07	\$ (0.60)	\$ (1.26)	\$ (1.93)	\$ (2.60)	\$ (2.93)
Odana Hills	\$ (2.07)	\$ (3.70)	\$ (5.34)	\$ (6.97)	\$ (8.60)	\$ (9.42)
Yahara Hills	\$ (3.23)	\$ (5.32)	\$ (7.41)	\$ (9.51)	\$ (11.60)	\$ (12.64)

Glenway = 0 NPV @ \$ 1,747,500
 Monona = 0 NPV @ \$ 2,185,000
 Odana = 0 NPV @ \$ 8,300,000
 Yahara = 0 NPV @ \$ 13,540,000

Total = 0 NPV @ \$ 25,772,500

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Athletic Field Improv.	\$ 330,000	\$ 385,000	\$ 440,000	\$ 495,000	\$ 550,000	\$ 577,500
Total	\$ 330,000	\$ 385,000	\$ 440,000	\$ 495,000	\$ 550,000	\$ 577,500
Simple Payback Years	60%	70%	80%	90%	100%	105%
Athletic Field Improv.	33	38.5	44	49.5	55	57.75
NPV	60%	70%	80%	90%	100%	105%
Athletic Field Improv.	\$ (109,369)	\$ (163,290)	\$ (217,212)	\$ (271,133)	\$ (325,055)	\$ (352,016)

Project Budgeted at \$345K
in 2020 Capital Budget