

GREEN ESTATES

DETENTION POND #1 - STAGE STORAGE SUMMARY

ELEVATION (FEET)	AREA (SQ FT)	AVERAGE AREA (SQ FT)	CUMMULATIVE VOLUME (CUBIC FEET)	AREA (ACRES)	AVERAGE AREA (ACRES)	CUMMULATIVE VOLUME (ACRE-FEET)	PERIMETER (FEET)
1013	630		0	0.014		0.000	138
		815			0.019		
1015	1,000	1,205	1,630	0.023	0.028	0.037	156
		1,635			0.038		
1016	1,410	1,675	2,835	0.032	0.038	0.065	175
		1,675			0.038		
1017	1,860	2,680	4,470	0.043	0.062	0.103	192
		2,680			0.062		
1018	2,350	3,945	6,145	0.054	0.091	0.153	209
		3,945			0.091		
1019	3,010	5,215	8,825	0.069	0.120	0.214	228
		5,215			0.120		
1020	4,880	5,935	12,770	0.112	0.136	0.305	301
		5,935			0.136		
1021	5,550	6,730	17,985	0.127	0.154	0.425	317
		6,730			0.154		
1022	6,320	7,550	23,920	0.145	0.173	0.561	333
		7,550			0.173		
1023	7,140	8,395	30,650	0.164	0.193	0.715	349
		8,395			0.193		
1024	7,960		38,200	0.183		0.889	365
1025	8,830		46,595	0.203		1.081	382

POOL

1-YEAR RUNOFF VOLUME = 0.267 ACRE-FEET

	(AC-FT)	(CU FT)	Elev Stage (FT)
<b>WQv &amp; CPV</b>	0.200	8,723	1018.96

GREEN ESTATES  
 DETENTION POND #2 - STAGE STORAGE SUMMARY

ELEVATION (FEET)	AREA (SQ FT)	AVERAGE AREA (SQ FT)	CUMMULATIVE VOLUME (CUBIC FEET)	AREA (ACRES)	AVERAGE AREA (ACRES)	CUMMULATIVE VOLUME (ACRE-FEET)	PERIMETER (FEET)
1016	1,120		0	0.026		0.000	236
		1,365			0.031		
1017	1,610		1,365	0.037		0.031	252
		1,870			0.043		
1018	2,130		3,235	0.049		0.074	267
		2,405			0.055		
1019	2,680		5,640	0.062		0.129	282
		2,440			0.056		
1020	3,270		8,080	0.075		0.199	297
		3,495			0.080		
1020.70	3,720		10,527	0.085		0.256	316
		6,535			0.150		
1021	9,350		12,487	0.215		0.301	432
		9,885			0.227		
1022	10,420		22,372	0.239		0.527	448
		10,975			0.252		
1023	11,530		33,347	0.265		0.779	464
		12,105			0.278		
1024	12,680		45,452	0.291		1.057	480
		13,285			0.305		
1025	13,890		58,737	0.319		1.362	503

POOL

1-YEAR RUNOFF VOLUME = 0.219 ACRE-FEET

	(AC-FT)	(CU FT)	Elev Stage (FT)
<b>WQv &amp; CPV</b>	0.164	7,155	1019.62

GREEN ESTATES  
 DETENTION POND #3 - STAGE STORAGE SUMMARY

ELEVATION (FEET)	AREA (SQ FT)	AVERAGE AREA (SQ FT)	CUMMULATIVE VOLUME (CUBIC FEET)	AREA (ACRES)	AVERAGE AREA (ACRES)	CUMMULATIVE VOLUME (ACRE-FEET)	PERIMETER (FEET)
1016	2,250		0	0.052		0.000	195
		2,650			0.061		
1017	3,050		2,650	0.070		0.061	222
		3,505			0.080		
1018	3,960		6,155	0.091		0.141	248
		4,470			0.103		
1019	4,980		10,625	0.114		0.244	275
		5,495			0.126		
1019.7	6,010		14,472	0.138		0.332	306
		6,855			0.157		
1020	7,700		16,528	0.177		0.379	343
		10,895			0.250		
1021	14,090		27,423	0.323		0.630	504
		14,895			0.342		
1022	15,700		42,318	0.360		0.971	528
		16,545			0.380		
1023	17,390		58,863	0.399		1.351	552
		18,270			0.419		
1024	19,150		77,133	0.440		1.771	714
		20,065			0.461		
1025	20,980		97,198	0.482		2.231	601
		21,965			0.504		
1026	22,950		119,163	0.527		2.736	641

POOL

1-YEAR RUNOFF VOLUME = 0.377 ACRE-FEET

	(AC-FT)	(CU FT)	Elev Stage (FT)
<b>WQv &amp; CPV</b>	0.283	12,317	1019.44