

APPENDIX E

Projected Water Demands for the Project
in Five-Year Increments by Land Use Type

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Water Supply Assessment for Butterfield Specific Plan

Table 4.5.2. Projected Water Demands for the Project in Five-Year Increments											
Potable Water Use					Irrigated Areas – Non-Potable Water Use						Total
	Land Use	All Residential Units (Average) (11)	Non-Residential Subtotal ¹	Total Potable Water Demands	Parks	School Landscaping/Fields (60% of area)	Golf Course	Other Common Open Space Subtotal	Major Street, Parkways & Medians Landscape	Total Non-Potable Water Demands	Total Gross Water Demands for Project
2015	Net Acres (AC)	99.2	8.3	107.5	2.9	0	245.6	25.9	10	284.4	391.9
	Net Dwelling Units (DU)	540		540							540
	Water Use (GPD)	250,692	16,930	267,622	8,906	0	754,276	63,142	24,900	851,223	1,118,845
	Water Use (AFY)	281	19	300	10	0	845	71	28	953	1,253
2020	Net Acres (AC)	244	49	293	22.6	7	245.6	25.9	20	321.1	614.1
	Net Dwelling Units (DU)	1,437		1,437							1,437
	Water Use (GPD)	667,119	63,204	730,323	69,408	21,498	754,276	63,142	49,800	958,123	1,688,446
	Water Use (AFY)	747	71	818	78	24	845	71	56	1,073	1,891
2025	Net Acres (AC)	330.6	49	379.6	34.2	7	245.6	25.9	20	332.7	712.3
	Net Dwelling Units (DU)	2,334		2,334							2,334
	Water Use (GPD)	1,083,546	63,204	1,146,750	105,033	21,498	754,276	63,142	49,800	993,749	2,140,499
	Water Use (AFY)	1,214	71	1,284	118	24	845	71	56	1,113	2,398

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	Land Use	All Residential Units (Average) (11)	Non-Residential Subtotal ²	Total Potable Water Demands	Parks	School Landscaping/ Fields (60% of area)	Golf Course	Other Common Open Space Subtotal	Major Street, Parkways & Medians Landscape	Total Non-Potable Water Demands	Total Gross Water Demands for Project
2030	Net Acres (AC)	492.3	49.0	541.3	40.1	7.0	245.6	25.9	30.0	348.6	889.9
	Net Dwelling Units (DU)	3,232		3,232							3,232
	Water Use (GPD)	1,500,437	63,204	1,563,642	123,153	21,498	754,276	63,142	74,700	1,036,768	2,600,410
	Water Use (AFY)	1,713	80	1,793	138	24	845	71	84	1,161	2,955
2035	Net Acres (AC)	689.6	49.0	738.6	59.1	7.0	245.6	39.7	40.0	391.4	1,130
	Net Dwelling Units (DU)	4,130		4,130							4,130
	Water Use (GPD)	1,917,329	63,204	1,980,533	181,505	21,489	754,276	83,498	99,600	1,140,376	3,120,909
	Water Use (AFY)	2,148	71	2,218	203	24	84	94	112	1,277	3,496
2040	Net Acres (AC)	817.2	53.5	870.7	66.5	13.8	245.6	39.7	40.0	405.6	1,276.3
	Net Dwelling Units (DU)	5,028		5,028							5,028
	Water Use (GPD)	2,334,220	70,275	2,404,495	204,232	42,382	754,276	83,498	99,600	1,183,987	3,588,482
	Water Use (AFY)	2,615	79	2,693	229	47	845	94	112	1,326	4,019
2045	Net Acres (AC)	937.4	53.5	990.9	66.5	13.8	245.6	55.3	40.0	421.2	1,412.1
	Net Dwelling Units (DU)	5,387		5,837							5,387
	Water Use (GPD)	2,500,884 2,548,978	70,275	2,571,159	204,232	42,382	754,276	99,098	99,600	1,199,587	3,770,746
	Water Use (AFY)	2,801	79	2,880	229	47	845	111	112	1,344	4,224

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¹ Nonresidential potable uses include schools, commercial and office space, and the golf course's greens.