

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
18																
19		Monterey County	BG 1, Tract 106.01, Monterey County, California	BG 2, Tract 106.01, Monterey County, California	BG 3, Tract 106.01, Monterey County, California	BG 1, Tract 107, Monterey County, California	BG 2, Tract 107, Monterey County, California	BG 3, Tract 107, Monterey County, California	BG 4, Tract 107, Monterey County, California	BG 5, Tract 107, Monterey County, California	BG 6, Tract 107, Monterey County, California	BG 4, Tract 108.38, Monterey County, California	BG 5, Tract 108.38, Monterey County, California	Salinas city, California	Castroville CDP, California	
20	Waterbodies		Mainstem Lower Salinas (east bank), Blanco Drain, West Bank Rec Ditch	Mainstem Lower Salinas R (east bank), Lowermost Alisal Creek	Mid to upper Alisal Creek, Natividad Creek, parts of Upper Gabilan	Lower Toro Creek	Lower Toro Creek	Mainstem Salinas (Mid watershed) west bank	Mainstem Salinas (Mid watershed) west bank	Upper El Toro Creek	Upper El Toro Creek	Chualar Creek, Quail Creek	Mainstem Salinas (upper watershed)	Rec Ditch, Lowermost Gabilan, Alisal, Natividad	Tomb Slough	
21	Total (Households) 1990		149	274	1084	242	544	819	116			511	232	33518	1287	
22	Housing Units 1990		129	298	1241	323	530	837	140	583	586	621	228	34577	1320	
23	Public sewer		7	221	879	239	530	230	0	128	53	347	74	34191	1304	
24	Septic tank or cesspool 1990 Census		122	77	362	65	0	582	131	450	524	270	149	171	10	
25	Est. # of Units with Septic in 2000 (1% growth rate/year per Chico Study)		134	85	398	72	0	640	144	495	576	297	164	188	11	
26	persons per housing unit 1990)		3.42	3.12	3.62	2.47	3.05	2.9	3.1			4.54	3.91	3.21	4.13	
27	Other means		0	0	0	19	0	25	9	5	9	4	5	215	6	
28	% housing units on septic		94.57	25.84	29.17	20.12	0.00	69.53	93.57	77.19	89.42	43.48	65.35	0.49	0.76	
29	Total Land Area mi2		15.08	11.51	86.02	0.5	0.47	18.42	28.93	7.95	18.47	106.08	49	19.01	1.01	
30	Total Land Area Acres		9651.2	7366.4	55052.8	320	300.8	11788.8	18515.2	5088	11820.8	67891.2	31360	12166.4	646.4	
31	total Water area mi2															
32	Septic Density 1990 (#/Sqmi2)		8.090	6.690	4.208	130.000	0.000	31596	4.528	56.604	28.370	2.545	3.041	8.995	9.901	
33	Septic Density 1990 (#/acre)		0.013	0.010	0.007	0.203	0.000	0.049	0.007	0.088	0.044	0.004	0.005	0.014	0.015	
34	Est. Septic Density 2000 (#/acre)		0.014	0.011	0.007	0.223	0.000	0.054	0.008	0.097	0.049	0.004	0.005	0.015	0.017	
35	Average household size (2000 Census)	3.14	Assume 3.14	Assume 3.14	Assume 3.14	Assume 3.14	Assume 3.14	Assume 3.14	Assume 3.14	Assume 3.14	Assume 3.14					

1 **WTM Calculation - Reclamation Canal @ REC-ALD**
 2 Green cells need to be completed by the user
 3 Blue cells have default or calculated values but may be substituted
 4 Grey cells should generally not be changed
 5 Purple Cells Reflect "Bottom Line" Loads or Load Reductions

PRIMARY SOURCES - Land Use		Area (Acres)	Impervious Cover %	Concentrations		Annual Loading Rates		Annual Load					
				TN lbs/gal	TSS lbs/gal	FC MPN/100 ml	TN lbs/acre	TP lbs/acre	TSS lbs/acre	FC lbs/acre	TN lb/gear	TP lb/gear	TSS lb/gear
Residential	LDR (<1du/acre)		11	2	0	20000	0	0	40	-	-	-	-
	MDR (1-4 du/acre)	10141	47	2	0	1242	0	0	12	28,450	3,698	912,690	121,692
	HDR (>4 du/acre)		33	2	0	20000	0	0	94	-	-	-	-
	Multifamily		44	2	0	20000	0	0	121	-	-	-	-
							0	0	12	-	-	-	-
							0	0	12	-	-	-	-
							0	0	12	-	-	-	-
							0	0	12	-	-	-	-
							0	0	12	-	-	-	-
							0	0	12	-	-	-	-
	Total	10141	47				3	0	12	28,450	3,698	912,690	121,692

Partitioning Coefficients for Rural and Forest Land				
Pollutant	TN	TP	TSS	FC
Fraction as Storm Load	50%	70%	90%	0

Watershed Data	
Annual Rainfall (inches)	14.58
Watershed Area (acres)	10141
Stream Length (miles)	15
Planning Horizon (years)	13

WTM Calculation - Salinas River @ SAL-BLA

Green cells need to be completed by the user
 Blue cells have default or calculated values but may be substituted
 Grey cells should generally not be changed
 Purple Cells Reflect "Bottom Line" Loads or Load Reductions

PRIMARY SOURCES - Land Use		Area (Acres)	Impervious Cover %	Concentrations		Annual Loading Rates		Annual Load		
	LDR (c ldu/acre)			TNTFS (ng/g)	FC (MPN/100 ml)	TNTFS (ug/ac)	FC (billion/acre)	TNTFS (lb)	TNTFS (lb)	FC (billion/year)
Residential	LDR (< 1du/acre)	2025	11	2 0 0	20000	0 0 0	40			
	MDR (1-4 du/acre)		47	2 0 0	1242	0 0 0	12			24,300
	HDR (>4 du/acre)		33	2 0 0	20000	0 0 0	94			
	Multifamily		44	2 0 0	20000	0 0 0	121			
						0 0 0	12			
						0 0 0	12			
						0 0 0	12			
						0 0 0	12			
						0 0 0	12			
						0 0 0	12			
Total		2025	47			0 0 0	12			24,300

Partitioning Coefficients for Rural and Forest Land				
Pollutant	TN	TP	TSS	FC
Fraction as Storm Load	50%	70%	90%	0

Watershed Data	
Annual Rainfall (inches)	14.58
Watershed Area (acres)	2025
Stream Length (miles)	15
Planning Horizon (years)	13

1 **WTM Calculation - Reclamation Canal @ REC-ALD**
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 5 Purple Cells Reflect "Bottom Line" Loads or Load Reductions

PRIMARY SOURCES - Land Use		Area (Acres)	Impervious Cover %	Concentrations		Annual Loading Rates		Annual Load			
				TN	TP	TN	TP	TN	TP	TSS	FC
				ng/gal	ng/gal	lb/acre	lb/acre	lb/gear	lb/gear	lb/gear	lb/gear
Residential	LDR (<1du/acre)		11	2	0	20000	0	40	-	-	-
	MDR (1-4 du/acre)	10141	47	2	0	1242	0	12	28,450	3,698	121,692
	HDR (>4 du/acre)		33	2	0	20000	0	94	-	-	-
	Multifamily		44	2	0	20000	0	121	-	-	-
								12	-	-	-
								12	-	-	-
								12	-	-	-
								12	-	-	-
								12	-	-	-
								12	-	-	-
	Total	10141	47					3	28,450	3,698	121,692

Partitioning Coefficients for Rural and Forest Land				
Pollutant	TN	TP	TSS	FC
Fraction as Storm Load	50%	70%	90%	0

Watershed Data	
Annual Rainfall (inches)	14.58
Watershed Area (acres)	10141
Stream Length (miles)	15
Planning Horizon (years)	13

WTM Calculation - Gabilan Creek @ Carr Lake

Green cells need to be completed by the user
 Blue cells have default or calculated values but may be substituted
 Grey cells should generally not be changed
 Purple Cells Reflect "Bottom Line" Loads or Load Reductions

PRIMARY SOURCES - Land Use

	Area (Acres)	Impervious Cover %	Concentrations		Annual Loading Rates		Annual Load				
			TN mg/gal	TP mg/gal	TN lb/acre	TP lb/acre	TN lb	TP lb	FC billion/year		
Residential											
	LDR (<1du/acre)	11	2	0	20000	0	0	40			
	MDR (1-4 du/acre)	40	2	0	1242	0	0	12			18,564
	HDR (>4 du/acre)	33	2	0	20000	0	0	94			
	Multifamily	44	2	0	20000	0	0	121			
								12			
								12			
								12			
								12			
								12			
								12			
								12			
Total	1547	40				2	0	12			18,564

1.86E+13

Partitioning Coefficients for Rural and Forest Land

Pollutant	TN	TP	TSS	FC
Fraction as Storm Load	50%	70%	90%	0

Watershed Data

Annual Rainfall (inches)	14.58
Watershed Area (acres)	1547
Stream Length (miles)	30
Planning Horizon (years)	13

