
APPENDIX C: SOURCE ANALYSIS DATA AND CALCULATIONS

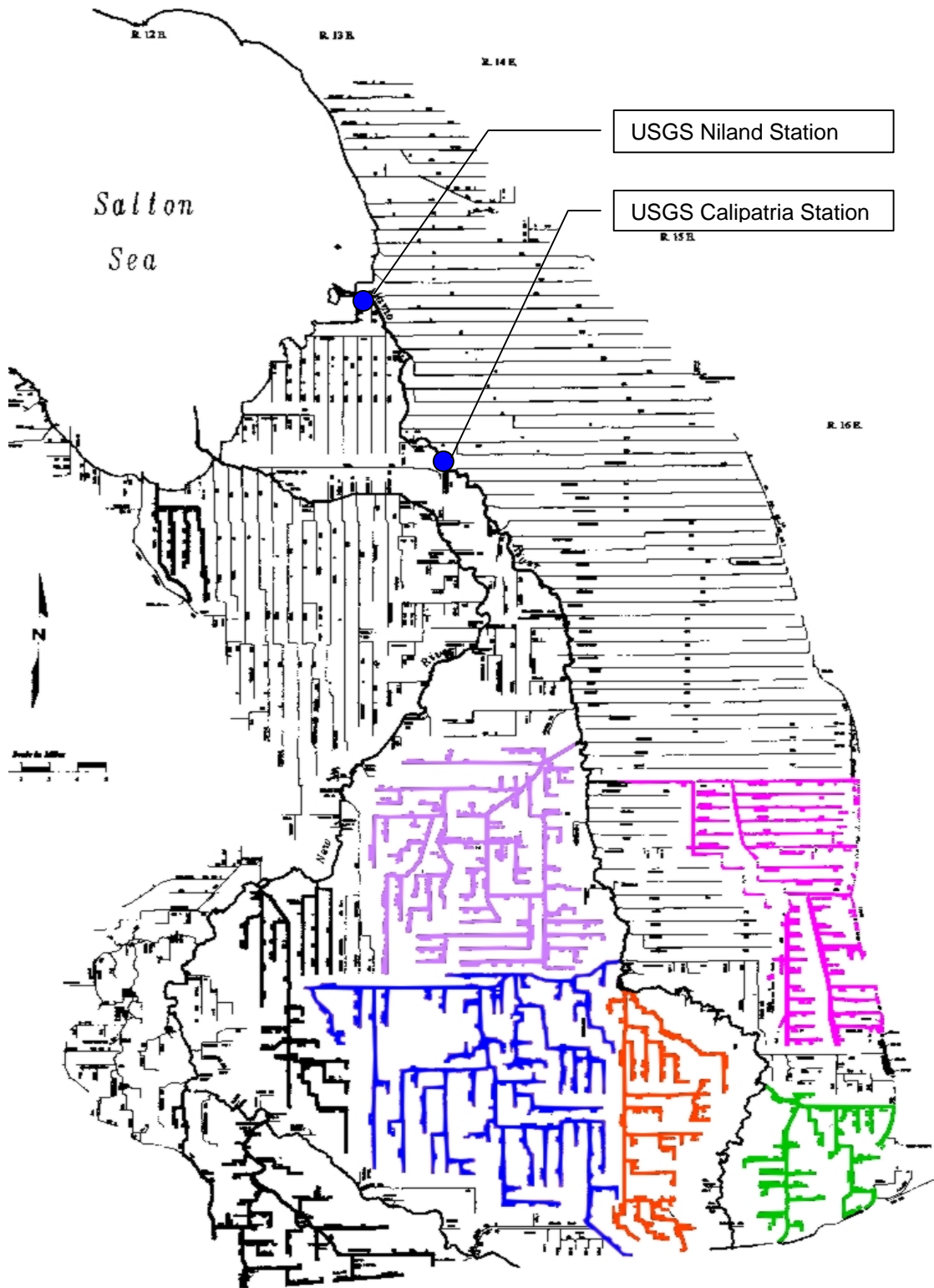


Figure C- 1: Alamo River Watershed

Table C- 1: 1998 Crop Data

CROP	ACRES
ALFALFA (baled)	178,517
Pasture Crops: Alfalfa	107,110
WHEAT	83,882
SUDANGRASS HAY	70,068
SUGAR BEETS	34,258
BERMUDAGRASS HAY	31,774
BERMUDAGRASS SEED	21,865
ALFALFA SEED	19,781
TOTAL HEAD LETTUCE	18,439
Pasture Crops: Sugar Beet Tops	16,642
TOTAL CARROTS	16,416
CERTIFIED SEED	15,459
TOTAL CANTALOPES	14,087
Pasture Crops: Ryegrass	12,710
MISC. FIELD CROPS	10,164
TOTAL ONIONS	9,757
BROCCOLI (Market)	9,589
Pasture Crops: Misc. Pasture	9,459
LEAF LETTUCE	8,018
COTTON (lint)	7,800
COTTON (seed)	7,800
SWEET CORN (Fall & Spring)	6,088
MISC. VEGETABLES	4,953
Asparagus: Harvested	4,548
CAULIFLOWER (Market)	3,313
POTATOES	2,622
ONION SEED	2,256
Lemons: Non-Bearing	2,118
Lemons: Harvested	1,783
WATERMELONS	1,635
HONEYDEW & MISC. MELONS	1,263
MISC. FIELD, VEGETABLE & FLOWER SEED CROPS & NURSERY PRODUCTS	1,198
CABBAGE (Market)	1,126
SPRING MIX	1,109
Asparagus: New Seeding	1,026
Dates: Harvested	1,003
Grapefruit: Harvested	799
Tomatoes: Market	655
Oranges: Harvested	609
Misc. Citrus, Fruit & Nut Crops: Harvested	491
Dates: Non-Bearing	435
Tangerines: Harvested	402
Grapefruit: Non-Bearing	123
Misc. Citrus, Fruit & Nut Crops: Non-Bearing	89
Oranges: Non-Bearing	76
Tangerines: Non-Bearing	30

Table C-1: 1998 Crop Data (cont.)

		%
TOTALS (FIELD CROPS)	416,463	0.71
TOTALS (Vegetables & Melon Crops)	103,618	0.18
TOTALS (Seed Crops & Nursery Products)	60,559	0.10
TOTALS (Fruit & Nut Crops)	5,087	0.01
SUM	585,727	

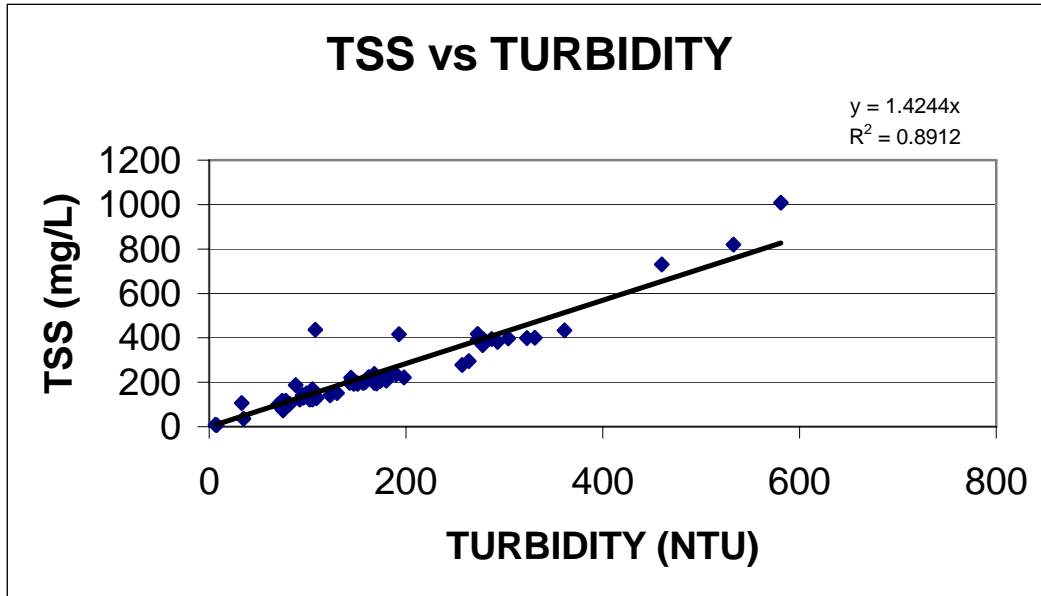


Figure C- 2: TSS/Turbidity Correlation from December 1999 Region 7 Sampling Event

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Table C- 2: Monthly Self Monitoring Report Data for NPDES Permitted Facilities in the Alamo River Watershed

City of Calipatria

Flow (acre-ft)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1994						80.4	87.9	77.6	81.8	89.0	79.5	79.4
1995	80.1	66.3	62.3	71.2	74.4	72.6	76.8		85.7	88.5	76.2	85.5
1996	82.4	72.0	81.5	75.2	91.3	79.0	84.3	85.8	86.0	82.9	89.4	86.4
1997	86.0	74.7	84.3	82.0	86.4	80.5	92.2	85.4	91.6	96.1	86.7	90.8
1998	87.0	83.6	89.0	84.0	91.5	77.4	94.6	92.6	94.8		86.9	96.7
1999	93.4	84.3	9.1	88.8	90.9	92.9	100.9	98.5		109.4	105.0	105.6
Average	85.8	76.2	65.3	80.2	86.9	80.4	89.5	88.0	88.0	93.2	87.3	90.8
TSS (mg/L)												
1994							10.5	22.0	12.5			
1995	2.5	18.3	21.3	21.3	17.3	42.3	54.3		31.5	39.3	35.3	24.8
1996	39.0	27.3	37.3	37.5	20.0	27.3	44.5	27.5	31.0	39.5	39.8	35.0
1997	33.8	34.3	21.8	51.0	49.5	58.0	44.6	47.8	25.0	24.0		27.9
1998	24.7	23.6	22.3	29.6	50.8	38.8	41.9	43.5	21.4		33.2	39.2
1999	27.8	30.3	13.6	27.0	25.2	31.2	31.1	31.8		19.3	25.3	21.7
Monthly Loading (tons)												
1994							1.3	2.3	1.4			
1995	0.3	1.6	1.8	2.1	1.7	4.2	5.7		3.7	4.7	3.7	2.9
1996	4.4	2.7	4.1	3.8	2.5	2.9	5.1	3.2	3.6	4.5	4.8	4.1
1997	4.0	3.5	2.5	5.7	5.8	6.3	5.6	5.5	3.1	3.1	0.0	3.4
1998	2.9	2.7	2.7	3.4	6.3	4.1	5.4	5.5	2.8	0.0	3.9	5.2
1999	3.5	3.5	0.2	3.3	3.1	3.9	4.3	4.3		2.9	3.6	3.1
Average	3.0	2.8	2.3	3.6	3.9	4.3	4.5	4.2	2.9	3.0	3.2	3.7
Loading	41.50tons/yr											
Flow	1011.46acre-ft/yr											

Table C-2: Monthly Self Monitoring Report Data for NPDES Permitted Facilities in the Alamo River Watershed (cont.)

City of El Centro

Flow (acre-ft)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1994												
1995	534.7	472.6	521.3	463.1	488.0	585.5	602.2	613.2		437.6		402.4
1996	405.3		406.2	382.1	411.0	387.6	400.5	397.7	407.9	419.5	390.4	395.8
1997	401.5	360.0	394.8	380.2	408.1	379.3	409.1	407.9		427.2	399.6	411.0
1998	406.2	376.4	412.9	383.9	406.2	393.1	406.2	395.9	406.0	411.0	388.5	413.8
1999	411.9	372.1	407.2	369.2	390.1	386.7		385.8	394.0	395.8	377.5	388.2
Average	431.9	395.3	428.5	395.7	420.7	426.5	454.5	440.1	402.6	418.2	389.0	402.2
TSS (mg/L)												
1994												
1995	34.9	30.6	15.2	10.1	12.6	43.0	7.3	6.3		8.4		12.3
1996	15.8		14.6	8.6	11.2	9.1	6.8	11.7	9.8	6.1	10.8	10.0
1997	11.6	9.8	5.2	6.7	7.2	10.7	7.9	8.8		11.5	17.9	10.2
1998	15.2	20.7	15.3	7.9	6.3	12.0	11.0	10.7	11.3	17.6	16.2	17.4
1999	17.3	28.5	22.6	22.4	10.8	13.9		6.6	7.7	11.1	8.8	12.3
Monthly Loading (tons)												
1994												
1995	25.4	19.7	10.8	6.4	8.4	34.2	6.0	5.3		5.0		6.7
1996	8.7		8.1	4.5	6.3	4.8	3.7	6.3	5.4	3.5	5.7	5.4
1997	6.3	4.8	2.8	3.5	4.0	5.5	4.4	4.9		6.7	9.7	5.7
1998	8.4	10.6	8.6	4.1	3.5	6.4	6.1	5.8	6.2	9.8	8.6	9.8
1999	9.7	14.4	12.5	11.2	5.7	7.3	0.0	3.5	4.1	6.0	4.5	6.5
Average	11.7	12.4	8.5	5.9	5.6	11.7	4.0	5.1	5.3	6.2	7.1	6.8
Loading	90.3tons/yr											
Flow	5005.2acre-ft/yr											

Table C-2: Monthly Self Monitoring Report Data for NPDES Permitted Facilities in the Alamo River Watershed (cont.)

City of Holtville

Flow (acre-ft)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1994	45.6				46.9	43.8	44.2	44.7	44.0		54.1	47.7
1995	48.0	46.3		47.0	59.2		59.7	56.4	55.7	59.7	52.1	54.5
1996	63.2	65.4	45.7	51.2	38.6	51.0	40.0	35.9	39.8	48.1	60.0	58.3
1997	51.2	44.9	48.5	47.8	51.1	49.3	57.0	49.3	54.4	54.3	52.2	54.0
1998	54.0	48.4	52.8	50.5	50.4	47.7	51.4	52.2	51.5	50.5	48.3	54.1
1999	51.7	43.9	48.6	51.7	53.5	58.0	48.6	55.1	47.0	57.6	47.0	48.6
Average	52.3	49.8	48.9	49.7	49.9	50.0	50.2	48.9	48.7	54.0	52.3	52.9
TSS (mg/L)												
1994	14.0				10.0	98.0	8.0		14.0		12.0	12.0
1995	17.8	18.0		23.0	22.0		8.0	11.0	9.0	17.0	21.0	15.0
1996	34.0	11.0	<17	12.0	17.0	16.0	9.0	8.0	8.0	13.0	27.0	16.0
1997	7.0	20.0	17.0	24.0	28.0	26.0	16.0	22.0	17.0	7.1	16.0	14.0
1998	17.0	57.0	12.0	12.0	26.0	20.0	9.0	22.5	11.0	10.7	24.5	27.0
1999	22.0	33.0	16.0	15.0	7.3	7.5	8.0	41.5	3.0	4.0	10.0	15.0
Monthly Loading (tons)												
1994	0.9				0.6	5.8	0.5		0.8		0.9	0.8
1995	1.2	1.1		1.5	1.8		0.6	0.8	0.7	1.4	1.5	1.1
1996	2.9	1.0		0.8	0.9	1.1	0.5	0.4	0.4	0.8	2.2	1.3
1997	0.5	1.2	1.1	1.6	1.9	1.7	1.2	1.5	1.3	0.5	1.1	1.0
1998	1.2	3.8	0.9	0.8	1.8	1.3	0.6	1.6	0.8	0.7	1.6	2.0
1999	1.5	2.0	1.1	1.1	0.5	0.6	0.5	3.1	0.2	0.3	0.6	1.0
Average	1.4	1.8	1.0	1.1	1.3	2.1	0.7	1.5	0.7	0.8	1.3	1.2
Loading	14.8tons/yr											
Flow	607.5acre-ft/yr											

Table C-2: Monthly Self Monitoring Report Data for NPDES Permitted Facilities in the Alamo River Watershed (cont.)

City of Imperial												
Flow (acre-ft)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1994												
1995												
1996	56.3	48.2	51.1	52.1	48.2	50.4	52.9	55.2	56.3	59.4		
1997	58.5	50.9	55.1	51.6	60.6	55.7	52.9	51.6	60.9	57.0	54.3	57.8
1998	57.2	53.2	57.0	51.6	54.5	52.8	57.5	54.0	59.9	61.4	59.9	59.0
1999	59.4	56.9	61.0	56.9	58.4	55.1	54.7	53.5	57.3	57.6	57.5	58.5
Average	57.8	52.3	56.0	53.1	55.4	53.5	54.5	53.6	58.6	58.8	57.3	58.4
TSS (mg/L)												
1994												
1995												
1996	4.0		3.5	4.4	3.5	3.1	2.4	8.9	3.4	2.8		5.0
1997	3.6	5.7	5.3	4.0	1.8	2.0	3.0	3.6	2.7	2.7	3.0	2.5
1998	3.6	7.3	5.6	6.0	5.5	5.2	3.0	4.7	17.2	2.8	6.8	6.6
1999	7.6	5.3	3.3	3.2	2.5	3.2	3.0	4.0	6.7	7.1	5.8	7.7
Monthly Loading (tons)												
1994												
1995												
1996	0.3		0.2	0.3	0.2	0.2	0.2	0.7	0.3	0.2		
1997	0.3	0.4	0.4	0.3	0.1	0.2	0.2	0.3	0.2	0.2	0.2	0.2
1998	0.3	0.5	0.4	0.4	0.4	0.4	0.2	0.3	1.4	0.2	0.6	0.5
1999	0.6	0.4	0.3	0.2	0.2	0.2	0.2	0.3	0.5	0.6	0.5	0.6
Average	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.4	0.6	0.3	0.4	0.4
Loading	4.3tons/yr											
Flow	669.4acre-ft/yr											

Table C-2: Monthly Self Monitoring Report Data for NPDES Permitted Facilities in the Alamo River Watershed (cont.)

Heber Public Utilities Comm

Flow (acre-ft)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1994	29.7	28.2	3.4	33.9	36.9	34.1	34.1	33.1				
1995												
1996						49.8	53.3	51.1		49.7	48.8	48.2
1997	48.4	36.8	42.1	44.6	42.3	40.9	49.4	37.1	37.0	35.1	35.7	19.7
1998	16.5	28.2	34.9	33.1	37.5	35.7	42.4	37.7	35.2	34.8	35.5	29.7
1999	29.7	28.0								36.6	37.3	31.5
Average	31.1	30.3	26.8	37.2	38.9	40.1	44.8	39.7	36.1	39.1	39.3	32.3
TSS (mg/L)												
1994	3.5	3.9	4.5	6.5	4.3	3.0	2.0	2.2				
1995								2.9	5.6	11.5	20.0	12.7
1996	8.6	5.3	3.2	9.2	3.9	5.2	4.7	6.4	4.8	4.5	7.7	8.3
1997	22.8	21.9	13.0	6.3	4.8	5.3	5.0	8.7	6.6	8.3	4.3	9.5
1998	12.4	7.2	11.8	7.1	9.2	5.5	6.8	4.9	9.0	5.4	11.5	9.8
1999	9.5	12.4	4.8	5.6	5.5	2.9	5.7	7.2	1.8	7.5	3.2	7.2
Monthly Loading (tons)												
1994	0.1	0.1	0.0	0.3	0.2	0.1	0.1	0.1				
1995												
1996						0.4	0.3	0.4		0.3	0.5	0.5
1997	1.5	1.1	0.7	0.4	0.3	0.3	0.3	0.4	0.3	0.4	0.2	0.3
1998	0.3	0.3	0.6	0.3	0.5	0.3	0.4	0.3	0.4	0.3	0.6	0.4
1999	0.4	0.5								0.4	0.2	0.3
Average	0.6	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.4	0.4
Loading	4.5tons/yr											
Flow	435.7acre-ft/yr											

Table C-2: Monthly Self Monitoring Report Data for NPDES Permitted Facilities in the Alamo River Watershed (cont.)

Imperial Community College

Flow (acre-ft)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1994						2.59		3.72	3.96	4.31	2.98	2.27
1995	2.87	2.93		2.13	2.07		1.24	2.12	2.56	2.30	2.38	1.95
1996	2.12	3.04	3.48	3.75	3.60	2.98	3.75	5.37	5.18	4.80	3.65	3.81
1997	3.10	2.90	2.79	0.00	2.92	2.24	3.30	2.97	4.07	3.57	2.64	2.22
1998	1.64	1.73	2.33	2.45	2.62	2.94	3.04	2.95	3.12	3.24	2.75	1.98
1999	2.03	2.36	4.06	2.74	3.74	3.51	3.98	3.85	4.20	4.13	3.66	
Average	2.35	2.59	3.16	2.21	2.99	2.85	3.06	3.50	3.85	3.73	3.01	2.45
TSS (mg/L)												
1994						7.00		13.00	7.00	9.00	5.00	7.00
1995	5.00	5.00		5.00	2.00		11.00	10.00	9.00	7.00	4.00	3.00
1996	7.00	>4	>3	<3	4.00	4.00	6.00	6.00	7.00	3.00	5.00	8.00
1997	6.00	7.00	4.00	5.00	4.00	5.00	6.00	5.00	5.00	8.00	10.00	5.00
1998	8.00	5.00	8.00	7.00	11.00	6.00	6.00	5.00	5.00	2.00	5.00	8.00
1999	21.00	7.00	4.00	6.95	7.13	5.00	5.00	3.00	6.00	3.00	3.00	
Monthly Loading (tons)												
1994						0.02		0.07	0.04	0.05	0.02	0.02
1995	0.02	0.02		0.01	0.01		0.02	0.03	0.03	0.02	0.01	0.01
1996	0.02				0.02	0.02	0.03	0.04	0.05	0.02	0.02	0.04
1997	0.03	0.03	0.02	0.00	0.02	0.02	0.03	0.02	0.03	0.04	0.04	0.02
1998	0.02	0.01	0.03	0.02	0.04	0.02	0.02	0.02	0.02	0.01	0.02	0.02
1999	0.06	0.02	0.02	0.03	0.04	0.02	0.03	0.02	0.03	0.02	0.01	
Average	0.03	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.02	0.02
Loading	0.29tons/yr											
Flow	35.75acre-ft/yr											

Table C-2: Monthly Self Monitoring Report Data for NPDES Permitted Facilities in the Alamo River Watershed (cont.)

Sunset Mutual Water Co.

Flow (acre-ft)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1994					1.24	1.59	0.76	1.25	1.39	1.99		
1995	2.43	3.74	3.62	3.50	3.62	3.50	3.62	4.48	4.51	4.09	3.00	
1996	4.48	4.12	4.56	4.53	4.78	3.99	3.42	3.70	4.74	3.80	2.97	2.38
1997	2.46	2.79	3.11	2.86	3.36	2.85	3.20	3.22	3.90	3.01	2.51	3.22
1998	2.81	2.39	2.96	2.71	2.91	3.40	3.75	3.68	3.62	4.94	4.72	4.98
1999	4.34	3.92	4.20	3.72	3.57	5.00	3.57	5.01	3.47	4.93		
Average	3.31	3.39	3.69	3.46	3.25	3.39	3.05	3.56	3.60	3.79	3.30	3.53
TSS (mg/L)												
1994					15.00	6.00	5.00	6.00	6.00	8.00		5.00
1995	5.00	3.00	4.00	4.00	5.00	6.00	6.00	6.00	5.00	3.00	9.00	
1996	7.00	24.00	13.00	4.00	12.00	5.00	5.00	4.00	4.00	4.00	4.00	6.00
1997	4.00	14.00	6.00	6.00	7.00	6.00	6.00	4.00	5.00	13.00	8.00	7.00
1998	9.00	5.00	6.00	10.00	5.00	10.00	9.00	7.00	5.00	18.00	8.00	4.00
1999	10.00	13.00	10.00	15.00	6.00	5.00	11.00	5.00	7.00	12.00		
Monthly Loading (tons)												
1994					0.03	0.01	0.01	0.01	0.01	0.02		0.00
1995	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.04	0.03	0.02	0.04	
1996	0.04	0.13	0.08	0.02	0.08	0.03	0.02	0.02	0.03	0.02	0.02	0.02
1997	0.01	0.05	0.03	0.02	0.03	0.02	0.03	0.02	0.03	0.05	0.03	0.03
1998	0.03	0.02	0.02	0.04	0.02	0.05	0.05	0.03	0.02	0.12	0.05	0.03
1999	0.06	0.07	0.06	0.08	0.03	0.03	0.05	0.03	0.03	0.08		
Average	0.03	0.06	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.05	0.03	0.02
Loading	0.42tons/yr											
Flow	41.32acre-ft/yr											

Table C-2: Monthly Self Monitoring Report Data for NPDES Permitted Facilities in the Alamo River Watershed (cont.)

Country Life Mobile Home Park

Flow (acre-ft)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1994												
1995												
1996												
1997												3.62
1998	3.52	3.18	3.67	3.96	4.09	3.87	4.09	3.87	3.96	3.90	4.05	4.09
1999	3.81	3.61	4.09	4.14	4.19	4.24	4.76	4.51	3.77	4.47	4.24	4.28
Average	3.66	3.39	3.88	4.05	4.14	4.05	4.42	4.19	3.87	4.19	4.14	4.00
TSS (mg/L)												
1994												
1995												
1996												
1997												7
1998	6.4	5.1	4	3	3	3	5	4	4	3.39	2.4	3
1999	5	7	10	11	6	5	7	3	8	3	7	6
Monthly Loading (tons)												
1994												
1995												
1996												
1997												0.03
1998	0.03	0.02	0.02	0.02	0.02	0.02	0.03	0.02	0.02	0.02	0.01	0.02
1999	0.03	0.03	0.06	0.06	0.03	0.03	0.05	0.02	0.04	0.02	0.04	0.03
Average	0.03	0.03	0.04	0.04	0.03	0.02	0.04	0.02	0.03	0.02	0.03	0.03
Loading	0.34tons/yr											
Flow	47.98acre-ft/yr											

Table C-2: Monthly Self Monitoring Report Data for NPDES Permitted Facilities in the Alamo River Watershed (cont.)

Heber Geothermal

Flow (acre-ft)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1994	285.4	240.6	237.8	257.8	0.0	0.0	0.0	0.0	382.1	380.5	0.0	0.0
1995	271.1	214.8	209.3	193.3	256.9	242.4	299.2	346.7	336.0	379.6	219.1	257.2
1996	273.5	182.8	253.3	255.7	253.8	239.9	298.6	315.7	285.2	172.4	257.8	247.4
1997	239.0	217.0	282.1	262.5	280.6	260.5	315.5	324.1	317.3	267.4	241.5	265.6
1998	251.3	240.8	257.2	245.4	276.6	329.9	329.2	346.2	272.7	191.0	219.9	96.7
1999	233.3	204.4	227.4	237.9	302.7	317.3	354.6	342.1	318.4	250.3	241.4	240.5
Average	258.9	216.7	244.5	242.1	228.4	231.6	266.2	279.1	318.6	273.5	196.6	184.6
TSS (mg/L)												
1994	1	3	6.6	10.3					6	2		
1995	7.4	5.8	1.2	1	1	1	1	1	1	7.4	8	7
1996	3.6	15	7.3	6	9.5	6.7	9.6	7.2	3.8	3.4	2.5	1.6
1997	1	1.75	3	1.2	1.75	2	1	2	1	2	3	4
1998	3.6	15	7.3	6	9.5	6.7	9.6	7.2	3.8	3.4	2.5	1.6
1999	7.4	5.8	1.2	1	1	1	1	1	1	7.4	8	7
Monthly Loading (tons)												
1994	0.4	1.0	2.1	3.6					3.1	1.0		
1995	2.7	1.7	0.3	0.3	0.3	0.3	0.4	0.5	0.5	3.8	2.4	2.4
1996	1.3	3.7	2.5	2.1	3.3	2.2	3.9	3.1	1.5	0.8	0.9	0.5
1997	0.3	0.5	1.2	0.4	0.7	0.7	0.4	0.9	0.4	0.7	1.0	1.4
1998	1.2	4.9	2.6	2.0	3.6	3.0	4.3	3.4	1.4	0.9	0.7	0.2
1999	2.3	1.6	0.4	0.3	0.4	0.4	0.5	0.5		2.5	2.6	2.3
Average	1.4	2.2	1.5	1.5	1.7	1.3	1.9	1.7	1.4	1.6	1.5	1.4
Loading	19.1 tons/yr											
Flow	2941.0 acre-ft/yr											

Table C-2: Monthly Self Monitoring Report Data for NPDES Permitted Facilities in the Alamo River Watershed (cont.)

EI Centro Steam Plant

Flow (acre-ft)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1994	32.3	27.0	24.9	19.1	20.4			26.7	23.8	22.4		
1995	19.9	15.1	15.5	15.6	36.0	49.4	20.9	17.5	18.6	21.6	2.8	4.7
1996	2.6	16.2	2.5	12.1	12.5	27.1	51.7	63.8	13.5	15.9	23.5	13.3
1997	4.6	40.9	1.2	5.1	24.0	20.5	26.1	37.0	23.6	20.2	9.3	2.5
1998	2.5	2.2	2.5	3.6	11.2	21.2	31.9	37.4	28.1	20.7	15.9	13.7
1999	2.5	38.3	2.5	2.4	15.4	39.0	35.2	39.0	31.4	26.3	11.6	6.3
Average	10.7	23.3	8.2	9.6	19.9	31.5	33.2	36.9	23.2	21.2	12.6	8.1
TSS (mg/L)												
1994	20.0	30.0	20.0	20.0	22.5			10.0	20.0	0.01		
1995	11.7	15.0	11.25	16.25	6.0	11.25	12.5	12	11.25	7.5	11.0	2.25
1996	7.0	8.75	1.25	11.0	7.5	6.25	6.0	6.25	8.0	7.0	7.5	5.0
1997	5.0	2.5	5.0	6.0	5.0	6.666	6.25	6.25	5.0	6.0	5.0	5.0
1998	5.0	6.25	6.0	5.0	1.81	2.9	5.25	3.5	6.75	9.75	6.93	9.9
1999	2.5	2.125	3.7	3.0	6.125	5.4	7.37	9.875	27.73	12.58	15.5	15.1
Monthly Loading (tons)												
1994	0.88	1.10	0.68	0.52	0.62			0.36	0.65	0.00		
1995	0.32	0.31	0.24	0.34	0.29	0.76	0.35	0.28	0.28	0.22	0.04	0.01
1996	0.02	0.19	0.00	0.18	0.13	0.23	0.42	0.54	0.15	0.15	0.24	0.09
1997	0.03	0.14	0.01	0.04	0.16	0.18	0.22	0.31	0.16	0.16	0.06	0.02
1998	0.02	0.02	0.02	0.02	0.02	0.08	0.23	0.18	0.26	0.27	0.15	0.18
1999	0.01	0.11	0.01	0.01	0.13	0.29	0.35	0.52	1.18	0.45	0.24	0.13
Average	0.21	0.31	0.16	0.19	0.23	0.31	0.31	0.37	0.45	0.21	0.15	0.09
Loading	2.98tons/yr											
Flow	238.29acre-ft/yr											

Table C-2: Monthly Self Monitoring Report Data for NPDES Permitted Facilities in the Alamo River Watershed (cont.)

New Charleston Power Plant 1

Flow (acre-ft)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1994	9.4	1.4	1.8	4.8	8.7	6.9	11.0	10.6	11.4	10.6	8.5	7.8
1995	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1996	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1998	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0
1999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
Average	1.6	0.2	0.3	0.8	1.4	1.2	1.8	1.8	2.3	2.1	1.4	1.3
TSS (mg/L)												
1994		15	14.5	22.1	23.8	22.1		20.4	27.4	36	57.4	48.4
1995												
1996												
1997												
1998												
1999												
Monthly Loading (tons)												
1994		0.03	0.03	0.14	0.28	0.21		0.30	0.42	0.52	0.66	0.52
1995												
1996												
1997												
1998												
1999												
Average		0.0	0.0	0.1	0.3	0.2		0.3	0.4	0.5	0.7	0.5
Loading	3.11 tons/yr											
Flow	16.21 acre-ft/yr											

Table C-2: Monthly Self Monitoring Report Data for NPDES Permitted Facilities in the Alamo River Watershed (cont.)

Star Group 1A

Flow (acre-ft)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1994	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1995	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.1	51.4	53.2	46.7	47.6
1996	52.7	45.6	44.5	50.2	54.5	57.4	54.7	54.7	54.3	57.6	53.4	55.2
1997	49.7	42.7	46.1	41.1	52.1	51.9	55.2	0.0	49.0	52.9	49.1	48.8
1998	41.0	35.7	39.5	40.4	44.1	48.5	48.4	48.4	47.6	45.6	39.4	31.5
1999	35.8	36.7	42.0	38.1	41.4	41.6	40.6	41.4	40.6	23.2	38.5	39.6
Average	29.9	26.8	28.7	28.3	32.0	33.2	33.1	32.9	40.5	38.7	37.9	37.1

TSS (mg/L)

1994												
1995								24	26	24	25	20
1996	20	30	22.5	30	27	28	30	30	30	28	20	24
1997	25	28	27.5	26	28	30	28		20	30	23	26
1998	25	30	30	28	25	28	30	27.5	28	30	25	28
1999	58	25	28	23	22.5	30	30	28	30	28	30	25

Monthly Loading (tons)

1994												
1995								1.7	1.8	1.7	1.6	1.3
1996	1.4	1.9	1.4	2.0	2.0	2.2	2.2	2.2	2.2	2.2	1.5	1.8
1997	1.7	1.6	1.7	1.5	2.0	2.1	2.1		1.3	2.2	1.5	1.7
1998	1.4	1.5	1.6	1.5	1.5	1.8	2.0	1.8	1.8	1.9	1.3	1.2
1999	2.8	1.2	1.6	1.2	1.3	1.7	1.7	1.6	1.7	0.9	1.6	1.3
Average	1.8	1.5	1.6	1.6	1.7	2.0	2.0	1.8	1.8	1.8	1.5	1.5

Loading 20.49tons/yr
 Flow 399.17 acre-ft/yr

Table C-2: Monthly Self Monitoring Report Data for NPDES Permitted Facilities in the Alamo River Watershed (cont.)

IID Grass Carp Hatchery

Flow (acre-ft)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1994												
1995	12.8	11.6	17.4				15.4	13.5	13.1	12.2	11.0	9.5
1996	7.3	6.5	0.0	8.8	11.9	14.7	7.6	14.7	14.7	14.3	13.8	9.5
1997	9.5	4.3	4.8	11.5	11.5	9.8	10.8	9.8	9.5	10.4	10.4	9.5
1998	8.6	8.7	11.3	7.2	8.2	7.9	8.1	8.5			7.8	8.8
1999	8.6	4.8	8.7	5.8	6.9	6.7	8.8	8.8	8.7	8.3	6.7	7.2
Average	9.4	7.2	8.4	8.3	9.6	9.8	10.1	11.1	11.5	11.3	10.0	8.9
TSS (mg/L)												
1994												
1995	7.8	9.8	13.8				317	142.3	15.5	58.3	73.8	15
1996	50.5	75		37.3	144.8	27.8	16.5	76.3	65	106.8	43.3	34
1997	46.8	16.3	101.3	64.8	33	24	62.4	34	31	9.1	25	13.3
1998	6.8	19.8	105	14.3	18.8	53.5	50.8	46.3	51.5		65	133.5
1999	91.5	94	109.3	25	144.5	109	201.8	17.3	923	216	84.3	69
Monthly Loading (tons)												
1994												
1995	0.1	0.2	0.3				6.6	2.6	0.3	1.0	1.1	0.2
1996	0.5	0.7		0.4	2.3	0.6	0.2	1.5	1.3	2.1	0.8	0.4
1997	0.6	0.1	0.7	1.0	0.5	0.3	0.9	0.5	0.4	0.1	0.4	0.2
1998	0.1	0.2	1.6	0.1	0.2	0.6	0.6	0.5			0.7	1.6
1999	1.1	0.6	1.3	0.2	1.4	1.0	2.4	0.2	11.0	2.4	0.8	0.7
Average	0.5	0.4	1.0	0.4	1.1	0.6	2.1	1.1	3.2	1.4	0.7	0.6
Loading	13.18tons/yr											
Flow	115.59acre-ft/yr											

Table C- 3: Alamo River Outlet TSS Data.

Alamo River Outlet (mg/L)		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
IID	1994												
	1995												
	1996	230	340	340	350	290	260	170	220	430	280	370	250
	1997	330	290	320	330	340	290	360	290	390	300	360	230
	1998	280	140	330									
	1999												399
	Mean	280	257	330	340	315	275	265	255	410	290	365	293
TMD²	1980		124					457		386			379
	1981												
	1982								272		348		
	1983			3040		368			363				
	1984								386			992	
	1985		76		528					258			168
	1986			550		440			330				352
	1987			498			260		355				312
	1988		416			321			344			307	
	1989		377			420			416			371	
	1990	439			374		362				468		
	1991			104				283					
	1992	329											
	1993												
Region 7¹	1999												399
	2000			456									
Summary	Mean	322	252	705	396	363	293	318	331	366	349	480	299

1 – Region 7 Sampling Event 12/99

2 – Region 7 Trend Monitoring Data

Table C- 4: Alamo River at the International Boundary TSS Data

International Boundary (mg/L)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
TMD²													
1980	70						151		196				
1981													
1982													
1983													
1984													
1985													
1986									70			31	
1987			97			150		155				45	
1988		34				58		101			16.5		
1989	30.5				150			45		78			
1990	36			86.4	21					81			
1991			37.4				55.6						
1992	67												
1993					64								
Mean	51	34	67	86	78	104	103	100	133	80	17	38	
Region 7¹			16.3										
Summary	Mean	51	34	50	86	78	104	103	100	133	80	17	38

1 – Region 7 Sampling Event 12/99

2 – Region 7 Trend Monitoring Data

Table C- 5: Major Drain TSS Data

Major Drain (mg/L)	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Central Drain													
TMD²	1980		90					304		265			160
	1981												
	1982								452		472		
	1983			430		460			514				
	1984								428			161	
	1985		121		668					264			45
	1986			766		484			318				202
	1987			1216			230		281				262
	1988		511			471			284			194	
	1989		567			255			407		116		
	1990	156			359		433				305		
	1991			314				160					
	1992	249											
	1993												
	Mean	203	322	682	514	418	332	232	383	265	298	178	167
Region 7¹													
	1999												202
	2000			348									
Summary	Mean	203	322	615	514	418	332	232	383	265	298	178	174
Holtville Main Drain													
IID	1994												
	1995												
	1996	110	120	150	170	220	160	140	190	440	110	190	350
	1997	190	150	180	150	210	190	220	180	110	110	100	85
	1998	180	110	220									
	1999												128
	Mean	160	127	183	160	215	175	180	185	275	110	145	188
TMD²	1980												

Table C- 5: Major Drain TSS Data

Major Drain (mg/L)	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1981												
	1982												
	1983												
	1984												
	1985												
	1986												
	1987												
	1988									187			
	1989										127		
	1990	205			332		47				287		
	1991			170				226					
	1992	201											
	1993					106							
Region 7¹	1999												128.2
	2000			173.0									
Summary	Mean	177	127	179	217	179	132	195	185	246	159	145	173
Rose Drain	1999												154.8
Region 7¹	2000			277									
South Central Drain													
IID	1994												
	1995												
	1996	580	450	200	380	300	300	190	120	250	320	240	360
	1997	370	370	550	640	190	370	450	320	210	230	330	200
	1998	480	160	310									
	1999												230
	Mean	477	327	353	510	245	335	320	220	230	275	285	263

Table C- 5: Major Drain TSS Data

Major Drain (mg/L)	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Region 7¹	1999												230.00
	2000			440.00									
Summary	Mean	477	327	375	510	245	335	320	220	230	275	285	255
Verde Drain Region 7¹	1999												150
	2000			206									
Overall Average		272	265	372	386	300	247	241	318	247	231	203	192

1 – Region 7 Sampling Event 12/99

2 – Region 7 Trend Monitoring Data

Table C- 6: Minor Drain TSS Data

Sample Location	Date	TSS (mg/L)
Vail 2 Drain	12/8/99	169
N Drain	12/10/99	367
Worez Drain	12/9/99	128
I Drain	12/10/99	73
Orita Drain	12/9/99	1008
Nectarine Drain	12/10/99	36
Standard Drain	12/9/99	820
Jones Drain	12/9/99	9
Magnolia Drain	12/9/99	296
Munyon Drain	12/9/99	434
Orient Drain	12/9/99	416
Pepper Drain	12/9/99	278
Warren Drain	12/9/99	7
Palmetto Drain	12/9/99	222
Plum Drain	3/3/00	696
Palm Drain	3/3/00	138
Olive Drain	3/3/00	194
Orange Drain	3/3/00	204
Orita Drain	3/3/00	420
Moss Drain	3/3/00	135
Mullen Drain	3/3/00	1460
Malva Drain	3/3/00	197
Standard Drain	3/3/00	575
Nectarine Drain	3/3/00	240
Warren Drain	3/28/00	107
Plum Drain	3/28/00	1428
Pepper Drain	3/28/00	47
Oasis Drain	3/28/00	823
Olive Drain	3/28/00	900
Ohmar Drain	3/28/00	114
Orita Drain	3/28/00	247
Mesquite Drain	3/28/00	1207
Myrtle Drain	3/28/00	692
Malva Drain	3/28/00	360
Standard Drain	3/28/00	218
Nectarine Drain	3/28/00	99
C Drain	3/28/00	478
E Drain	3/28/00	505
Average		441

Table C- 7: February 3, 2000 - Dredging Effects on TSS

Sample Location	TSS (mg/L)
200 Yards Downstream of Dredging	5950
200 Yards Downstream of Dredging	5210
200 Yards Downstream of Dredging	5380
Average	5513
100 Yards Upstream of Dredging	41
100 Yards Upstream of Dredging	29
100 Yards Upstream of Dredging	29
Average	33

Table C- 8: Alamo River At International Boundary Loading Contribution

Flows (acre-ft)													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Flow
1994	122.0	128.0	133.0	131.0	172.0	156.0	167.0	184.0	135.0	133.0	142.0	141.0	1744.0
1995	137.0	130.0	161.0	147.0	154.0	154.0	142.0	117.0	86.0	0.0	5.0	0.0	1233.0
1996	0.0	0.0	0.0	0.0	0.0	0.0	135.6	125.0	153.0	201.0	167.0	214.0	995.6
1997	123.0	111.1	123.0	200.1	216.8	106.1	124.0	110.7	55.1	152.1	153.5	88.5	1564.0
1998	116.4	128.5	140.8	107.3	131.5	112.9	121.2	104.9	97.4	109.3	131.1	141.8	1443.1
1999	142.4	133.9	142.2	154.9	153.3	139.4	161.5	106.3	105.5	128.9	150.3	115.2	1633.8
												Average	1435.6
TSS	50.9	34.0	67.2	86.4	78.3	104.0	103.3	100.3	133.0	79.5	16.5	38.0	
Loading (acre-ft*mg/L)													Tons/year
1994	6206.8	4352.0	8937.6	11318.4	13473.3	16224.0	17251.1	18461.3	17955.0	10573.5	2343.0	5358.0	180.1
1995	6969.9	4420.0	10819.2	12700.8	12063.3	16016.0	14668.6	11739.0	11438.0	0.0	82.5	0.0	137.2
1996	0.0	0.0	0.0	0.0	0.0	0.0	14004.0	12541.7	20349.0	15979.5	2755.5	8132.0	100.3
1997	6257.6	3777.4	8265.6	17288.6	16982.7	11034.4	12809.2	11106.9	7328.3	12092.0	2532.8	3363.0	153.4
1998	5921.9	4369.0	9461.8	9270.7	10300.8	11741.6	12520.0	10525.0	12954.2	8689.4	2163.2	5388.4	140.5
1999	7244.6	4552.6	9555.8	13383.4	12008.5	14497.6	16683.0	10665.4	14031.5	10247.6	2480.0	4375.7	162.8
												Average	145.7

Table C- 9: Major Drain Gauged Flows

Site/Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Central Drain												
Drop 2												
1994	4693.0	4157.0	6252.0	7899.0	7399.0	5972.0	6935.0	7068.0	6492.0	6522.0	5425.0	4865.0
1995	3887.0	4939.0	7464.0	7668.0		7120.0	7105.0	6837.0	5662.0	5493.0	4554.0	4659.0
1996	4949.8	4955.6	6874.4	7351.8	6766.3	6720.1	7010.3	6804.6	5758.7	5866.2	4846.5	5121.6
1997	4384.3	5575.4	7718.2	7547.0	7657.1	6836.5	7496.4	7406.2	6194.9	5925.7	5114.6	4324.0
1998	5244.2	3933.3	7274.3	7580.9	7279.6	6449.2	7190.0	6483.9	5292.8	6033.0	5175.3	4958.9
1999	4967.8	4730.0	6209.9	7196.3	6440.6	5431.8	5001.6	5935.8	5114.5	5073.0		
Mean	4687.7	4715.1	6965.5	7540.5	7108.5	6421.6	6789.7	6755.9	5752.5	5818.8	5023.1	4785.7
Std Dev	487.9	595.1	632.3	245.2	494.4	621.5	897.3	505.1	523.3	493.2	333.3	307.5
CV	0.10	0.13	0.09	0.03	0.07	0.10	0.13	0.07	0.09	0.08	0.07	0.06
Holtville Main Drain												
1994	5306.0	4580.0	6911.0	8446.0	8077.0	7640.0	7617.0	7597.0	6452.0	7246.0	6276.0	5451.0
1995	3715.0	4532.0				7016.0	6974.0	6555.0	5714.0	6841.0	6292.0	5966.0
1996	5952.5	6128.4	7701.5	8020.5	7778.1	7118.0	7170.0	6787.7	6412.9	7926.3	6971.8	6437.1
1997	5671.6	6239.7	7432.2	8246.8	8001.4	7008.9	7357.4	7112.6	6425.2	7168.0	6971.2	6099.3
1998	5585.1	4453.4	7309.8	7719.6	8311.1	6930.2	7376.8	6766.7	6349.2	7657.9	6965.7	6463.0
1999	6396.4	5651.4	7682.1	7711.8	7710.1	6799.0	6693.9	5850.5	6008.4	7573.2		
Mean	5437.8	5264.2	7407.3	8028.9	7975.5	7085.4	7198.2	6778.3	6227.0	7402.1	6695.3	6083.3
Std Dev	921.5	837.9	323.5	323.2	241.4	291.7	328.0	581.9	300.1	390.8	375.6	413.3
CV	0.17	0.16	0.04	0.04	0.03	0.04	0.05	0.09	0.05	0.05	0.06	0.07
Rose Drain												
1994		4651.0	6757.0	8276.0	7168.0		7035.0		6667.0	6898.0	4945.0	4824.0
1995	3971.0		6945.0	7117.0	6512.0	6685.0	6414.0	6570.0	6597.0		5258.0	4030.0
1996	3963.8	4283.2	5860.8	6660.6	7168.2	5814.2	5436.6	5524.4	4846.9	5789.4	4563.2	4724.3
1997	4559.1	4545.6	5981.4	6438.4	6472.0	5669.8	6646.1	6594.3	6195.3	5643.3	5287.6	4817.7
1998	4575.7	4085.0	6826.6	7154.1	6942.4	6389.8	6578.9	6949.8	6113.5	6436.1	4871.5	4248.3
1999	4506.3	4607.1	6749.5	6428.1	7698.6	6354.5	6336.9	5614.1	5496.5	4887.7		
Mean	4315.2	4434.4	6520.1	7012.4	6993.5	6182.7	6407.9	6250.5	5986.0	5930.9	4985.1	4528.9
Std Dev	318.5	241.9	470.8	696.0	461.4	425.3	534.4	640.6	697.8	771.6	299.4	366.2
CV	0.07	0.05	0.07	0.10	0.07	0.07	0.08	0.10	0.12	0.13	0.06	0.08

Table C- 9: Major Drain Gauged Flows

Site/Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
South Central Drain												
1994	1956.0	1626.0	2485.0		2870.0				2216.0	2450.0	2136.0	1986.0
1995												
1996	2014.2	1871.6	2951.6	2958.6	2725.1	2339.5	2331.0	2297.1	2006.3	2344.1	2211.4	2131.7
1997	1743.9	1790.5	2629.5	2918.3	2883.2	2327.8	2368.7	2339.3	2189.6	2207.6	2311.2	1822.8
1998	1576.3	1328.9	2540.7	2985.8	2922.5	2446.4	2324.7	2003.1	1918.4	2300.1	1943.8	1755.0
1999	2000.4	1712.0	2055.1	2379.8	2766.4	2213.0	2430.8	1860.1	1684.6	2376.4		
Mean	1858.2	1665.8	2532.4	2810.6	2833.4	2331.7	2363.8	2124.9	2003.0	2335.6	2150.6	1923.9
Std Dev	191.5	209.2	322.2	288.6	83.6	95.4	48.7	231.4	217.2	90.1	155.4	169.1
CV	0.10	0.13	0.13	0.10	0.03	0.04	0.02	0.11	0.11	0.04	0.07	0.09
Verde Drain												
1994		2095.0	2298.0	3244.0	3012.0	2756.0	2717.0	2578.0		4623.0	2641.0	2356.0
1995												
1996	2013.6	1952.8	2967.9	2872.3	2937.2	2206.0	2119.6	2129.1	2072.6	2936.6	2474.8	2125.7
1997	2043.4	1874.2	2068.6	2666.2	2542.6	1943.0	1919.6	1747.5	1931.1	2474.2	2587.7	2270.5
1998	2036.7	1763.3	2484.7	2699.3	2857.8	1785.3	2421.3	1764.1	1740.3	2052.7	2223.7	2148.5
1999	2102.7	2019.4	2092.2	2143.4	2243.3	1848.2	2070.6	1208.3	1234.1	1591.6		
Mean	2049.1	1940.9	2382.3	2725.0	2718.6	2107.7	2249.6	1885.4	1744.5	2735.6	2481.8	2225.2
Std Dev	37.9	128.5	368.5	397.9	320.2	396.3	318.5	507.8	366.5	1166.8	185.5	107.9
CV	0.02	0.07	0.15	0.15	0.12	0.19	0.14	0.27	0.21	0.43	0.07	0.05

Table C- 10: Irrigation Deliveries To Major Drain Area of Influence

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Central Drain System												
1994	7187.9	6816.3	14928.1	21074.1	18096.8	19692.0	20741.2	18730.5	13701.6	13267.6	8278.4	6224.6
1995	1038.8	9048.3	16868.2	18632.8	19695.9	20621.9	21551.3	19435.1	12845.6	12885.1	7806.9	7777.1
1996	8966.0	10432.3	17330.9	20641.2	20494.3	19902.3	21434.0	18802.2	12779.0	13443.3	8301.8	8730.3
1997	6659.8	11546.4	17194.3	20880.0	19453.8	21104.0	22098.5	19560.2	10355.8	11019.2	8865.0	5464.4
1998	7741.7	5281.9	15820.1	19410.9	19923.5	18850.4	22349.6	17523.7	12984.5	13391.2	8744.7	8199.2
1999	7973.3	9241.2	15195.7	18159.3	19796.8	18863.7	17539.0	15252.2	12513.8			
Mean	7705.7	9416.9	16222.9	19799.7	19576.9	19839.1	20952.3	18217.3	12530.0	12801.3	8399.4	7279.1
STDEV	869.4	2312.8	1047.1	1241.2	803.8	912.9	1763.6	1622.6	1137.4	1019.9	421.7	1378.9
CV	0.11	0.25	0.06	0.06	0.04	0.05	0.08	0.09	0.09	0.08	0.05	0.19
Holtville Drain System												
1994	9591.6	7718.2	16548.4	22697.8	21623.1	23037.9	22321.3	19437.8	15191.5	16100.3	10766.2	7388.6
1995	2365.9	8688.8	19155.2	19996.3	22148.6	21399.3	21719.0	17247.2	15345.7	15469.3	11322.9	8722.1
1996	9984.5	11933.3	17765.7	21985.1	21378.4	19239.6	19403.9	16757.3	13846.4	16361.7	12563.3	10258.6
1997	8427.9	13413.8	16701.9	22470.2	21799.8	20694.5	22040.1	19021.7	13048.3	15725.5	10995.3	8077.3
1998	8807.4	4778.2	17332.0	19240.8	22163.0	19818.2	20963.5	15991.1	14729.2	16082.6	11566.9	9718.6
1999	10394.4	10908.8	16551.6	18275.5	18275.5	18493.1	16679.7	14381.0	14666.8			
Mean	9441.2	10532.6	17342.5	20777.6	21231.4	20447.1	20521.3	17139.3	14471.3	15947.9	11442.9	8833.0
STDEV	814.7	3140.7	1013.1	1857.0	1479.5	1634.1	2153.3	1892.6	872.2	350.4	697.0	1171.1
CV	0.09	0.30	0.06	0.09	0.07	0.08	0.10	0.11	0.06	0.02	0.06	0.13
Rose Drain System												
1994	8144.6	7486.0	18109.1	26183.1	21408.1	22921.2	26056.1	21921.2	18788.4	16729.5	10017.4	6737.9
1995	1458.2	8431.9	22309.7	22964.1	22679.1	23494.6	27337.1	22287.4	19067.9	14199.3	11186.6	8413.7
1996	9450.2	12268.9	22392.2	26351.0	22429.9	21974.0	23663.5	21879.6	16710.6	16708.3	10621.4	9840.0
1997	8699.2	13782.8	22232.4	26003.5	23282.4	22029.0	26675.4	24585.0	14789.0	13130.1	10938.0	7019.4
1998	8330.4	5966.7	21106.4	25131.7	23706.1	23176.3	25786.8	24011.6	16594.8	16385.3	9912.3	8656.4
1999	8870.9	11464.2	20742.7	21714.0	25160.7	22789.8	23681.3	20708.3	16599.0			
Mean	8699.1	10686.8	21148.8	24724.6	23111.1	22730.8	25533.4	22565.5	17091.6	15430.5	10535.1	8133.5
STDEV	509.2	3052.5	1641.6	1935.8	1275.5	614.3	1537.6	1454.8	1595.1	1661.3	559.0	1270.1
CV	0.06	0.29	0.08	0.08	0.06	0.03	0.06	0.06	0.09	0.11	0.05	0.16

Table C- 10: Irrigation Deliveries To Major Drain Area of Influence

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
South Central System												
1994	3849.8	2724.1	6327.4	9351.3	8332.6	8091.3	9120.3	7475.7	5607	5837.3	3938.2	2747.5
1995	705.4	3726.8	7037.8	8794.9	8537.2	9486.0	9085.5	7938.2	5428.3	5878.4	4067.2	3715.2
1996	4331.9	3949.2	7617.8	8873.6	8734.9	8433.2	9229.3	7575.6	5594.6	6521.0	4565.6	4244.6
1997	3374.5	4755.7	7526.0	8926.5	8769.4	8662.9	8985.4	8248.9	5019.5	5447.5	4852.5	2650.8
1998	3147.7	2047.8	6713.1	8577.2	9247.7	7522.9	9429.5	7658.9	6036.1	6537.4	3815.1	3412.1
1999	4283.3	4426.2	6091.3	7694.0	8590.8	7792.5	7316.1	6802.3	5619.6			
Mean	3797.4	3916.4	6885.6	8702.9	8702.1	8331.5	8861.0	7616.6	5550.9	6044.3	4247.7	3354.0
STDEV	530.4	1032.7	623.2	555.3	309.6	700.7	771.8	487.8	329.4	473.5	442.3	668.8
CV	0.14	0.26	0.09	0.06	0.04	0.08	0.09	0.06	0.06	0.08	0.10	0.20
Verde Drain System												
1994	5941.4	5317.5	10350.1	15426.4	13380.3	12978.2	14399.3	13054.6	10897.3	11206.5	7089.6	4437.4
1995	746.4	5693.7	12802.7	13581.4	13498.6	14078.5	14415.9	11569.2	10485.7	11076.8	7299.1	5106.1
1996	7051.5	6858.8	13000.4	16105.1	13300.9	12562.8	12838.6	12205.7	10282.1	11113.4	8363.4	6168.3
1997	5950.4	8452.3	12017.9	15426.8	13986.6	11946.0	14030.0	11585.4	9214.8	9849.8	8479.9	4616.0
1998	5492.5	4114.6	12625.1	13846.7	14910.8	11988.6	14219.6	11108.5	9966.1	10851.7	7924.7	6118.1
1999	7072.0	7969.8	11092.3	13846.7	14260.4	12002.8	11441.2	12175.2	8527.1			
Mean	6301.6	6858.4	11981.4	14705.5	13889.6	12592.8	13557.4	11949.8	9895.5	10819.6	7831.3	5289.2
STDEV	718.3	1660.1	1056.4	1071.2	624.3	835.3	1191.9	681.5	876.6	557.6	621.7	817.3
CV	0.11	0.24	0.09	0.07	0.04	0.07	0.09	0.06	0.09	0.05	0.08	0.15

Table C- 11: Major Drain Flows/Irrigation Delivery Ratios and Statistics

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Central Drain System												
1994	0.6529	0.6099	0.4188	0.3748	0.4089	0.3033	0.3344	0.3774	0.4738	0.4916	0.6553	0.7816
1995		0.5458	0.4425	0.4115		0.3453	0.3297	0.3518	0.4408	0.4263	0.5833	0.5991
1996	0.5521	0.4750	0.3967	0.3562	0.3302	0.3377	0.3271	0.3619	0.4506	0.4364	0.5838	0.5866
1997	0.6583	0.4829	0.4489	0.3614	0.3936	0.3239	0.3392	0.3786	0.5982	0.5378	0.5769	0.7913
1998	0.6774		0.4598	0.3905	0.3654	0.3421	0.3217	0.3700	0.4076	0.4505	0.5918	0.6048
1999	0.6231	0.6581	0.4087	0.3963	0.3253	0.2879	0.2852	0.3892	0.4087			
Mean	0.6327	0.5543	0.4292	0.3818	0.3647	0.3234	0.3229	0.3715	0.4633	0.4685	0.5982	0.6727
Std Dev	0.0491	0.0795	0.0249	0.0214	0.0372	0.0232	0.0194	0.0133	0.0708	0.0460	0.0323	0.1041
CV	0.0777	0.1435	0.0579	0.0561	0.1019	0.0718	0.0602	0.0357	0.1528	0.0982	0.0541	0.1548
Holtville Main System												
1994	0.5532	0.5934	0.4176	0.3721	0.3735	0.3316	0.3412	0.3908	0.4247	0.4501	0.5829	0.7378
1995		0.5216				0.3279	0.3211	0.3801	0.3724	0.4422	0.5557	0.6840
1996	0.5962	0.5136	0.4335	0.3648	0.3638	0.3700	0.3695	0.4051	0.4631	0.4844	0.5549	0.6275
1997	0.6730	0.4652	0.4450	0.3670	0.3670	0.3387	0.3338	0.3739	0.4924	0.4558	0.6340	0.7551
1998	0.6341		0.4218	0.4012	0.3750	0.3497	0.3519	0.4232	0.4311	0.4762	0.6022	0.6650
1999	0.6154	0.5181	0.4641	0.4220	0.4219	0.3677	0.4013	0.4068	0.4097			
Mean	0.6144	0.5224	0.4364	0.3854	0.3803	0.3476	0.3531	0.3966	0.4322	0.4617	0.5860	0.6939
Std Dev	0.0444	0.0459	0.0188	0.0251	0.0237	0.0181	0.0287	0.0185	0.0418	0.0179	0.0334	0.0525
CV	0.0723	0.0878	0.0432	0.0652	0.0624	0.0520	0.0814	0.0465	0.0967	0.0387	0.0570	0.0756
Rose Drain System												
1994		0.6213	0.3731	0.3161	0.3348		0.2700		0.3548	0.4123	0.4936	0.7160
1995			0.3113	0.3099	0.2871	0.2845	0.2346	0.2948	0.3460		0.4700	0.4790
1996	0.4194	0.3491	0.2617	0.2528	0.3196	0.2646	0.2297	0.2525	0.2900	0.3465	0.4296	0.4801
1997	0.5241	0.3298	0.2690	0.2476	0.2780	0.2574	0.2491	0.2682	0.4189	0.4298	0.4834	0.6863
1998	0.5493		0.3234	0.2847	0.2929	0.2757	0.2551	0.2894	0.3684	0.3928	0.4915	0.4908
1999	0.5080	0.4019	0.3254	0.2960	0.3060	0.2788	0.2676	0.2711	0.3311			
Mean	0.5002	0.4255	0.3107	0.2845	0.3031	0.2722	0.2510	0.2752	0.3516	0.3954	0.4736	0.5704
Std Dev	0.0565	0.1340	0.0410	0.0288	0.0213	0.0110	0.0166	0.0171	0.0426	0.0359	0.0263	0.1199
CV	0.1129	0.3150	0.1320	0.1012	0.0704	0.0405	0.0661	0.0621	0.1211	0.0908	0.0555	0.2101

Table C- 11: Major Drain Flows/Irrigation Delivery Ratios and Statistics

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
South Central System												
1994	0.5081	0.5969	0.3927		0.3444				0.3952	0.4197	0.5424	0.7228
1995												
1996	0.4650	0.4739	0.3875	0.3334	0.3120	0.2774	0.2526	0.3032	0.3586	0.3595	0.4844	0.5022
1997	0.5168	0.3765	0.3494	0.3269	0.3288	0.2687	0.2636	0.2836	0.4362	0.4053	0.4763	0.6876
1998	0.5008		0.3785	0.3481	0.3160	0.3252	0.2465	0.2615	0.3178	0.3518	0.5095	0.5143
1999	0.4670	0.3868	0.3374	0.3093	0.3220	0.2840	0.3323	0.2735	0.2998			
Mean	0.4915	0.4585	0.3691	0.3294	0.3246	0.2888	0.2737	0.2805	0.3615	0.3841	0.5031	0.6068
Std Dev	0.0240	0.1021	0.0244	0.0161	0.0127	0.0250	0.0396	0.0177	0.0558	0.0335	0.0297	0.1147
CV	0.0488	0.2226	0.0661	0.0488	0.0393	0.0867	0.1448	0.0630	0.1543	0.0872	0.0591	0.1891
Verde System												
1994		0.3940	0.2220	0.2103	0.2251	0.2124	0.1887	0.1975		0.4125	0.3725	0.5309
1995												
1996	0.2856	0.2847	0.2283	0.1783	0.2208	0.1756	0.1651	0.1744	0.2016	0.2642	0.2959	0.3446
1997	0.3434	0.2217	0.1721	0.1728	0.1818	0.1626	0.1368	0.1508	0.2096	0.2512	0.3052	0.4919
1998	0.3708		0.1968	0.1949	0.1917	0.1489	0.1703	0.1588	0.1746	0.1892	0.2806	0.3512
1999	0.2973	0.2534	0.1886	0.1548	0.1573	0.1540	0.1810	0.0992	0.1447			
Mean	0.3243	0.2885	0.2016	0.1822	0.1953	0.1707	0.1684	0.1562	0.1826	0.2793	0.3135	0.4297
Std Dev	0.0398	0.0749	0.0234	0.0212	0.0282	0.0254	0.0199	0.0365	0.0294	0.0947	0.0406	0.0958
CV	0.1228	0.2597	0.1161	0.1166	0.1443	0.1487	0.1181	0.2335	0.1607	0.3390	0.1295	0.2229

Table C- 12: Major Drain Completed Flows

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Central Drain Drop 2												
1994	4693.0	4157.0	6252.0	7899.0	7399.0	5972.0	6935.0	7068.0	6492.0	6522.0	5425.0	4865.0
1995	3887.0	4939.0	7464.0	7668.0	7182.4	7120.0	7105.0	6837.0	5662.0	5493.0	4554.0	4659.0
1996	4949.8	4955.6	6874.4	7351.8	6766.3	6720.1	7010.3	6804.6	5758.7	5866.2	4846.5	5121.6
1997	4384.3	5575.4	7718.2	7547.0	7657.1	6836.5	7496.4	7406.2	6194.9	5925.7	5114.6	4324.0
1998	5244.2	3933.3	7274.3	7580.9	7279.6	6449.2	7190.0	6483.9	5292.8	6033.0	5175.3	4958.9
1999	4967.8	4730.0	6209.9	7196.3	6440.6	5431.8	5001.6	5935.8	5114.5	5073.0		
Mean	4687.7	4715.1	6965.5	7540.5	7120.8	6421.6	6789.7	6755.9	5752.5	5818.8	5023.1	4785.7
Std Dev	487.9	595.1	632.3	245.2	443.3	621.5	897.3	505.1	523.3	493.2	333.3	307.5
CV	0.10	0.13	0.09	0.03	0.06	0.10	0.13	0.07	0.09	0.08	0.07	0.06
Holtville Main Drain												
1994	5306.0	4580.0	6911.0	8446.0	8077.0	7640.0	7617.0	7597.0	6452.0	7246.0	6276.0	5451.0
1995	3715.0	4532.0	8359.4	7707.0	8422.1	7016.0	6974.0	6555.0	5714.0	6841.0	6292.0	5966.0
1996	5952.5	6128.4	7701.5	8020.5	7778.1	7118.0	7170.0	6787.7	6412.9	7926.3	6971.8	6437.1
1997	5671.6	6239.7	7432.2	8246.8	8001.4	7008.9	7357.4	7112.6	6425.2	7168.0	6971.2	6099.3
1998	5585.1	4453.4	7309.8	7719.6	8311.1	6930.2	7376.8	6766.7	6349.2	7657.9	6965.7	6463.0
1999	6396.4	5651.4	7682.1	7711.8	7710.1	6799.0	6693.9	5850.5	6008.4	7573.2		
Mean	5437.8	5264.2	7566.0	7975.3	8050.0	7085.4	7198.2	6778.3	6227.0	7402.1	6695.3	6083.3
Std Dev	921.5	837.9	484.5	317.5	282.6	291.7	328.0	581.9	300.1	390.8	375.6	413.3
CV	0.17	0.16	0.06	0.04	0.04	0.04	0.05	0.09	0.05	0.05	0.06	0.07
Rose Drain												
1994	4137.3	4651.0	6757.0	8276.0	7168.0	6391.1	7035.0	5942.9	6667.0	6898.0	4945.0	4824.0
1995	3971.0	3587.9	6945.0	7117.0	6512.0	6685.0	6414.0	6570.0	6597.0	5613.8	5258.0	4030.0
1996	3963.8	4283.2	5860.8	6660.6	7168.2	5814.2	5436.6	5524.4	4846.9	5789.4	4563.2	4724.3
1997	4559.1	4545.6	5981.4	6438.4	6472.0	5669.8	6646.1	6594.3	6195.3	5643.3	5287.6	4817.7
1998	4575.7	4085.0	6826.6	7154.1	6942.4	6389.8	6578.9	6949.8	6113.5	6436.1	4871.5	4248.3
1999	4506.3	4607.1	6749.5	6428.1	7698.6	6354.5	6336.9	5614.1	5496.5	4887.7		
Mean	4285.5	4293.3	6520.1	7012.4	6993.5	6217.4	6407.9	6199.3	5986.0	5878.0	4985.1	4528.9
Std Dev	294.0	407.7	470.8	696.0	461.4	389.8	534.4	586.6	697.8	702.2	299.4	366.2
CV	0.07	0.09	0.07	0.10	0.07	0.06	0.08	0.09	0.12	0.12	0.06	0.08

Table C- 12: Major Drain Completed Flows

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
South Central Drain												
1994	1956.0	1626.0	2485.0	2892.4	2870.0	2297.9	3030.3	2044.2	2216.0	2450.0	2136.0	1986.0
1995	1858.2	1708.8	2597.6	2897.4	2771.6	2739.8	2487.1	2226.3	1962.5	2257.7	2046.3	2254.2
1996	2014.2	1871.6	2951.6	2958.6	2725.1	2339.5	2331.0	2297.1	2006.3	2344.1	2211.4	2131.7
1997	1743.9	1790.5	2629.5	2918.3	2883.2	2327.8	2368.7	2339.3	2189.6	2207.6	2311.2	1822.8
1998	1576.3	1328.9	2540.7	2985.8	2922.5	2446.4	2324.7	2003.1	1918.4	2300.1	1943.8	1755.0
1999	2000.4	1712.0	2055.1	2379.8	2766.4	2213.0	2430.8	1860.1	1684.6	2376.4		
Mean	1858.2	1673.0	2543.2	2838.7	2823.1	2394.1	2495.4	2128.4	1996.2	2322.7	2129.7	1989.9
Std Dev	171.3	188.0	289.4	227.7	79.0	185.3	269.3	188.3	195.0	86.6	142.4	208.0
CV	0.09	0.11	0.11	0.08	0.03	0.08	0.11	0.09	0.10	0.04	0.07	0.10
Verde Drain												
1994	1766.5	2095.0	2298.0	3244.0	3012.0	2756.0	2717.0	2578.0	1577.1	4623.0	2641.0	2356.0
1995	1992.6	1642.4	2580.7	2475.1	2636.8	2403.2	2427.2	1806.6	1914.9	3093.5	2288.6	2193.8
1996	2013.6	1952.8	2967.9	2872.3	2937.2	2206.0	2119.6	2129.1	2072.6	2936.6	2474.8	2125.7
1997	2043.4	1874.2	2068.6	2666.2	2542.6	1943.0	1919.6	1747.5	1931.1	2474.2	2587.7	2270.5
1998	2036.7	1763.3	2484.7	2699.3	2857.8	1785.3	2421.3	1764.1	1740.3	2052.7	2223.7	2148.5
1999	2102.7	2019.4	2092.2	2143.4	2243.3	1848.2	2070.6	1208.3	1234.1	1591.6		
Mean	1992.6	1891.2	2415.3	2683.4	2704.9	2156.9	2279.2	1872.3	1745.0	2795.3	2443.2	2218.9
Std Dev	116.8	167.5	339.4	370.3	288.3	374.5	294.0	455.3	303.3	1053.8	182.4	94.5
CV	0.06	0.09	0.14	0.14	0.11	0.17	0.13	0.24	0.17	0.38	0.07	0.04

Table C- 13: Water Balance – Minor Drain Flow Determination

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals	
Alamo River Flows														
1994	41444.6	35460.5	64095.9	75034.7	65044.0	55779.2	60119.0	57062.5	53188.8	58756.4	47367.3	40756.4	654109.3	
1995	26663.8	38156.0	68023.1	70135.5	59771.9	54200.3	57030.7	56229.4	47161.0	51947.1	43926.0	38893.9	612138.7	
1996	40772.6	43888.3	61945.8	65097.5	56959.3	52115.7	52976.5	50275.0	49971.6	55307.1	46526.3	44421.8	620257.5	
1997	21851.6	47889.8	69017.3	72642.5	65799.0	55911.9	62042.7	59915.6	59374.1	55233.7	49654.3	41015.6	660348.1	
1998	41788.6	32343.0	67860.3	71571.2	70478.7	60134.0	59936.2	58457.1	57103.4	59793.0	44702.3	41762.8	665930.6	
1999	44636.7	43350.4	63059.4	62043.3	66001.6	58018.2	55684.8	48748.3	52680.4	59831.3	47363.0	41370.1	642787.5	
													Average	642595.3
Major Drain Flows (Gauged & Calculated)														
1994	17858.9	17109.0	24703.0	30757.4	28526.0	25057.0	27334.3	25230.2	23404.1	27739.0	21423.0	19482.0	288623.8	
1995	15423.8	16410.1	27946.6	27864.5	27524.9	25964.0	25407.3	23994.9	21850.4	23299.0	20439.0	19103.1	275227.7	
1996	18893.9	19191.6	26356.2	27863.8	27374.9	24197.8	24067.5	23542.9	21097.4	24862.6	21067.7	20540.4	279056.7	
1997	18402.3	20025.4	25829.9	27816.7	27556.3	23786.0	25788.2	25199.9	22936.1	23418.8	22272.3	19334.3	282366.2	
1998	19018.0	15563.9	26436.1	28139.7	28313.4	24000.9	25891.7	23967.6	21414.2	24479.8	21180.0	19573.7	277979.0	
1999	19973.6	18719.9	24788.8	25859.4	26859.0	22646.5	22533.8	20468.8	19538.1	21501.9	21276.4	19606.7	263772.9	
													Average	277837.7
Gauged Minor Drain Flows														
1994	878.5	727.2	1339.3	1980.5	3714.7	5031.9	6435.2	6422.1	7330.4	6838.9	5535.8	4156.0	50390.5	
1995	2053.6	4952.7	7806.9	8658.2	7642.6	6098.6	5049.0	4504.8	4811.2	1952.2	1703.6	1206.4	56439.8	
1996	1475.3	1541.6	2278.7	2430.2	1955.3	1687.1	1713.9	1783.2	2052.0	1995.8	1688.1	1142.0	21743.2	
1997	1228.6	1529.1	2182.4	2292.1	1836.1	1534.8	1712.5	1851.0	2269.7	1999.0	1574.3	1219.4	21229.0	
1998	1248.0	737.8	2611.3	2612.0	2352.2	2011.0	1998.4	1975.1	2309.0	2217.3	1779.4	1488.2	23339.7	
1999	1479.2	1569.7	2511.3	2517.2	2398.6	2225.1	1720.3	1822.7	2083.1	2206.7	1616.9	1294.1	23444.9	
													Average	32764.5
Alamo River International Boundary Flows														
1994	122.0	128.0	133.0	131.0	172.0	156.0	167.0	184.0	135.0	133.0	142.0	141.0	1744.0	
1995	137.0	130.0	161.0	147.0	154.0	154.0	142.0	117.0	86.0	0.0	5.0	0.0	1233.0	
1996	0.0	0.0	0.0	0.0	0.0	0.0	135.6	125.0	153.0	201.0	167.0	214.0	216.0	
1997	123.0	111.1	123.0	200.1	216.8	106.1	124.0	110.7	55.1	152.1	153.5	88.5	1564.0	
1998	116.4	128.5	140.8	107.3	131.5	112.9	121.2	104.9	97.4	109.3	131.1	141.8	1443.1	

Table C- 13: Water Balance – Minor Drain Flow Determination

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
1999	142.4	133.9	142.2	154.9	153.3	139.4	161.5	106.3	105.5	128.9	150.3	115.2	1633.8
Mean	106.8	105.3	116.7	123.4	137.9	111.4	141.9	124.7	105.3	120.7	124.8	116.7	1523.6
1435.6													
City of Calipatria, G Drain													
1994	0.0	0.0	0.0	0.0	0.0	80.4	87.9	77.6	81.8	89.0	79.5	79.4	
1995	80.1	66.3	62.3	71.2	74.4	72.6	76.8	0.0	85.7	88.5	76.2	85.5	
1996	82.4	72.0	81.5	75.2	91.3	79.0	84.3	85.8	86.0	82.9	89.4	86.4	
1997	86.0	74.7	84.3	82.0	86.4	80.5	92.2	85.4	91.6	96.1	86.7	90.8	
1998	87.0	83.6	89.0	84.0	91.5	77.4	94.6	92.6	94.8	0.0	86.9	96.7	
1999	93.4	84.3	9.1	88.8	90.9	92.9	100.9	98.5	0.0	109.4	105.0	105.6	
Average	71.5	63.5	54.4	66.9	72.4	80.4	89.5	73.3	73.3	77.7	87.3	90.8	
City of Holtville, Palmetto Drain													
1994	45.6	0.0	0.0	0.0	46.9	43.8	44.2	44.7	44.0	0.0	54.1	47.7	
1995	48.0	46.3	0.0	47.0	59.2	0.0	59.7	56.4	55.7	59.7	52.1	54.5	
1996	63.2	65.4	45.7	51.2	38.6	51.0	40.0	35.9	39.8	48.1	60.0	58.3	
1997	51.2	44.9	48.5	47.8	51.1	49.3	57.0	49.3	54.4	54.3	52.2	54.0	
1998	54.0	48.4	52.8	50.5	50.4	47.7	51.4	52.2	51.5	50.5	48.3	54.1	
1999	51.7	43.9	48.6	51.7	53.5	58.0	48.6	55.1	47.0	57.6	47.0	48.6	
Average	52.3	41.5	32.6	41.4	49.9	41.6	50.2	48.9	48.7	45.0	52.3	52.9	
Alamo River less Gaged and NPDES Flows = Flow to be Distributed													
1994	22539.6	17496.3	37920.6	42165.8	32584.4	25410.1	26050.4	25103.9	22193.4	23956.5	20132.9	16850.3	312404.2
1995	8921.2	16550.5	32046.3	33347.6	24316.8	21911.1	26295.8	27556.2	20272.0	26547.7	21650.1	18444.4	277859.8
1996	20257.8	23017.7	33183.7	34677.1	27499.2	26100.8	26935.2	24702.2	26543.5	28116.8	23454.1	22380.6	316868.8
1997	1960.5	26104.6	40749.2	42203.8	36052.3	30355.2	34268.8	32619.3	33967.2	29513.4	25515.2	20228.6	353538.0
1998	21265.2	15780.7	38530.3	40577.7	39539.7	33884.1	31778.9	32264.7	33136.5	32936.1	21476.6	20408.2	361578.8
1999	22896.4	22798.8	35559.5	33371.3	36446.3	32856.3	31119.7	26196.9	30906.7	35826.8	24167.4	20200.0	352346.1
													329099.3

Table C- 14: Monthly Irrigation Deliveries to Minor Drain Areas of Influence (acre-ft)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Alamo	1994	3527.5	3909.2	5892.4	8105.1	8119.5	7613.4	7751.8	7297.5	6661.3	6648.0	4929.4	2716.8
	1995	840.6	4021.0	7536.5	7830.9	7791.8	7544.9	8262.3	8394.2	6653.2	6028.9	4145.4	3345.6
	1996	4290.6	4737.0	7036.4	8650.3	8795.9	7352.3	7652.9	6866.3	5870.3	6272.4	4722.0	3870.3
	1997	3863.7	5173.4	6837.7	8161.3	7968.9	6996.0	7831.9	7423.3	4131.9	5774.7	4742.0	2790.9
	1998	3986.4	2221.1	6336.2	8148.0	8312.5	7463.8	6662.2	7226.7	5998.6	6346.8	4821.9	3801.1
	1999	3427.0	4337.3	6079.3	6322.2	7395.3	6762.7	6154.4	6265.1	5342.1			
All-American	1994			349.5	501.6	441.4	472.2	525.0	362.8	140.1	12.4	12.0	3.6
	1995		26.6	487.1	412.7	299.2	466.1	504.6	226.8	7.2	14.2	7.2	289.4
	1996	272.8	233.2	314.0	363.2			85.0	420.9	182.4	334.2	226.8	193.6
	1997	197.1	163.5	223.0	342.3	404.6	445.0	418.0	131.0		526.9		31.7
	1998	212.6	23.8	200.9	292.0	233.0	66.2		417.0		363.0	171.8	25.2
	1999	180.1		318.8	211.8	382.9	324.8	313.4	233.8	444.4			
Bailey	1994	133.0	112.0	149.7	191.5	132.8	64.2	240.4	149.7	206.1	123.2	75.7	74.4
	1995		71.9	132.6	220.3	110.8	53.6	149.5	318.1	62.5	230.8	137.3	60.9
	1996	110.4	84.5	197.3	232.8	181.2	118.3	218.3	162.9	61.1	132.9	101.0	84.5
	1997	67.1	168.1	176.4	140.1	108.8	91.6	309.3	99.4	182.3	75.2	81.1	2790.9
	1998	150.4	22.0	188.7	228.4	134.1	225.3	204.8	222.5	267.5	143.3	161.9	92.9
	1999	117.2	113.8	152.3	151.0	147.3	204.1	422.0	211.3	228.6			
Bryan	1994	152.6	240.8	1081.1	1559.5	995.5	1436.9	1867.0	1403.7	787.3	967.4	487.8	447.7
	1995	3.6	723.8	1284.1	1308.5	1132.3	912.4	1185.1	844.1	849.3	602.1	632.4	537.5
	1996	414.3	654.9	1325.4	1162.4	962.4	1243.4	1347.8	1218.0	1024.8	592.7	654.2	371.9
	1997	535.8	622.5	1198.9	1270.5	1333.0	1409.6	1490.3	1334.2	707.7	322.3	410.3	457.5
	1998	427.4	128.1	1149.7	1217.7	991.0	1090.6	1238.9	1272.0	541.6	600.5	321.7	359.5
	1999	574.5	404.3	1105.8	1215.9	1253.3	1249.2	1559.5	1229.4	800.1			
C	1994	992.0	1490.2	2535.8	3694.3	2968.8	2753.9	3433.7	3023.7	2517.5	1736.8	959.2	878.4
	1995	198.0	1666.0	2927.9	3105.6	2904.9	3108.1	2822.8	3630.9	2004.8	1479.3	1414.8	1032.5
	1996	1185.3	2101.9	3205.6	3587.2	2673.1	2192.1	2748.6	2215.9	3170.4	1601.0	1328.1	1056.4
	1997	1097.2	2272.1	2897.8	2671.6	2361.1	2160.3	3287.5	2764.7	1963.2	1814.7	1340.6	1027.6

Table C- 14: Monthly Irrigation Deliveries to Minor Drain Areas of Influence (acre-ft)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1998	1070.8	522.7	2926.9	3387.3	3181.0	3474.3	4052.1	3409.6	2613.2	1682.2	1518.4	997.2
	1999	727.3	1720.5	2674.2	2776.3	3491.4	3445.8	2925.7	2591.3	2860.7			
D	1994	185.4	149.9	368.6	428.0	309.7	348.3	327.5	324.9	275.0	242.4	130.6	203.8
	1995	22.8	241.1	423.9	451.1	423.5	279.5	284.7	198.0	293.7	307.3	263.9	239.8
	1996	232.2	239.3	445.3	465.6	371.4	271.2	291.8	145.9	156.8	199.6	269.7	180.7
	1997	233.5	258.2	372.5	448.0	321.3	319.9	492.6	448.7	203.2	265.5	162.6	166.2
	1998	236.6	62.2	448.0	458.8	322.1	321.9	479.9	361.7	389.2	286.4	182.7	172.9
	1999	213.8	188.0	445.1	409.3	462.6	477.4	328.3	504.7	313.2			
Darling	1994	498.1	684.3	1663.7	2300.3	839.5	943.2	1011.8	945.4	887.3	1118.6	766.9	250.6
	1995	51.8	549.6	1235.0	1364.2	1286.6	1576.6	1261.3	1355.2	929.2	1039.0	558.8	320.9
	1996	607.1	774.4	1351.8	1949.3	1026.0	1214.1	1431.5	1129.1	859.9	993.4	668.3	517.0
	1997	465.5	615.1	1113.4	1427.2	1351.1	1547.2	1787.8	1494.2	829.2	686.5	586.4	308.5
	1998	377.5	501.4	1064.4	1546.5	1396.4	1087.0	2089.1	979.9	1018.4	739.9	560.3	473.1
	1999	495.5	605.0	1362.8	1080.2	1521.7	1753.5	824.8	1071.2	769.2			
E	1994	556.6	805.7	1674.1	2482.5	2320.1	2228.9	2355.0	2317.9	1854.0	1158.0	1047.5	732.3
	1995	183.6	1395.4	1845.7	2223.1	2337.2	2533.9	2362.5	2549.8	1721.5	1409.4	1048.2	1093.1
	1996	930.8	1705.7	2144.8	2538.5	2130.3	2365.3	2296.0	2557.8	1501.9	1659.2	1138.8	1047.2
	1997	871.0	1363.4	2341.7	2448.6	2286.0	1757.2	2455.3	2214.4	1491.5	1491.9	1217.0	799.3
	1998	889.4	663.3	1997.2	2333.0	3055.5	2381.4	2936.6	2334.0	1952.7	2267.9	1023.0	925.6
	1999	956.0	1048.0	1981.1	2533.3	2691.2	2795.1	2658.2	2096.1	1616.1			
G	1994	1404.6	1290.4	2391.0	4251.2	3346.6	3439.4	3556.4	2952.0	1763.7	2058.6	1486.0	1036.8
	1995	271.2	1917.7	3369.5	3637.0	3835.4	3729.7	4735.9	4261.4	2137.9	2766.3	2073.6	1641.8
	1996	1854.1	2187.7	3908.7	4270.3	4140.1	3963.8	4399.6	3113.0	2681.3	2105.9	1545.0	2071.5
	1997	1510.4	2248.8	3622.8	4269.1	3009.3	3212.3	4531.1	3501.5	2929.8	1874.3	1545.3	1469.8
	1998	1397.1	876.3	3332.4	3938.5	4244.1	3559.7	4683.0	3577.4	3200.0	2517.2	1940.1	1558.2
	1999	1217.6	1453.9	2991.6	3769.6	3516.5	2888.9	2777.9	2597.2	1733.2			
Graeser	1994	122.1	67.2	183.0	298.8	309.2	349.9	412.8	299.7	70.2	83.3	95.3	120.1
	1995		193.0	264.2	433.8	86.9	348.7	230.4	160.7	389.0	142.3	101.2	212.2
	1996	132.0	198.2	309.2	236.3	232.4	426.1	268.5	286.6	177.4	171.4	84.8	201.1

Table C- 14: Monthly Irrigation Deliveries to Minor Drain Areas of Influence (acre-ft)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1997	25.4	283.9	348.3	470.1	158.4	121.6	360.2	170.3	315.5	152.8	112.8	1469.8
	1998	175.9	50.8	291.0	280.5	395.2	373.1	413.2	364.2	271.8	246.8	99.1	289.5
	1999	38.4	215.4	331.2	168.0	353.3	335.6	376.2	289.0	286.0			
I	1994	910.7	1227.8	2454.3	2810.8	2250.3	2285.4	1925.6	2053.5	1024.8	1780.1	980.6	847.4
	1995	217.1	1341.8	3502.0	3486.4	2978.2	3440.1	4160.8	3276.4	2248.0	1878.1	1198.1	1608.9
	1996	1409.6	2183.7	3046.4	3618.7	2545.1	2220.6	2749.8	1697.9	2524.5	2048.3	1526.1	1701.6
	1997	1275.8	1857.0	3550.3	3515.1	3111.6	2754.0	2945.7	2640.3	2335.2	1585.6	1562.5	1354.5
	1998	989.9	764.8	2627.7	2484.0	2495.6	3011.0	3920.8	2973.1	2233.2	2236.3	1102.8	1234.2
	1999	1039.0	1831.6	2869.7	2640.9	2987.1	2816.4	2744.6	1979.5	1988.0			
J	1994	517.2	536.9	1163.5	1524.7	1265.7	1474.1	1687.3	1025.8	1006.3	920.2	693.0	358.1
	1995	205.7	841.7	1528.5	2040.7	1764.9	1660.2	1927.0	1870.2	1535.3	967.8	646.3	829.0
	1996	913.4	1071.0	1917.9	2009.5	1757.2	1797.0	2064.2	1553.6	1564.9	740.7	748.8	816.4
	1997	780.3	1048.4	2359.6	2451.2	2083.0	1735.1	2100.6	2037.0	1121.5	757.4	937.0	776.7
	1998	636.8	645.9	1815.9	1880.2	1485.4	1748.8	2930.7	2324.2	1738.7	1198.0	1164.8	515.3
	1999	656.3	983.3	1721.9	1820.6	2082.6	2057.1	1956.4	1599.9	1459.5			
Jones	1994	60.8	53.0	108.2	158.4	3.2		68.8					
	1995		45.4	53.8	51.0	47.4	138.2	139.5	54.1				63.6
	1996	40.4	79.0	90.4	106.8		127.4		78.2	68.9	87.2	62.4	81.3
	1997	42.5	47.2	65.9	64.7	112.1	82.2	100.2	56.7		23.6	11.2	73.7
	1998	57.3	5.8	106.8	118.8			144.4	92.9	51.7	224.5	81.5	86.6
	1999	28.9	47.3	104.1	101.0	99.2	152.0	121.2	88.8	113.6			
K	1994	418.7	477.0	1184.7	1832.6	1354.9	1253.8	1365.3	1423.0	1356.7	830.6	548.8	239.4
	1995	199.2	866.7	1331.9	1540.3	1271.7	1010.9	1593.3	1435.2	1257.7	801.9	882.5	766.9
	1996	983.6	1096.1	1842.1	1957.8	1521.3	1899.7	1417.7	2071.6	1383.1	1215.1	546.9	1116.9
	1997	322.2	1557.2	1874.6	2554.5	2243.2	1266.2	2907.8	2789.1	1639.8	1198.2	781.5	424.5
	1998	471.9	493.3	2114.3	2061.0	1872.9	1636.6	2642.7	2328.4	1804.9	1550.7	491.7	451.0
	1999	320.2	894.5	1954.5	2081.7	2349.1	2246.7	1852.8	2065.4	1438.9			
L	1994	765.3	834.2	1377.8	1858.2	1442.2	919.8	1294.2	1004.9	889.3	761.2	455.9	649.4
	1995	108.7	999.6	1444.7	1595.9	1758.5	1328.4	1684.2	1339.9	1411.6	507.7	440.1	785.0

Table C- 14: Monthly Irrigation Deliveries to Minor Drain Areas of Influence (acre-ft)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1996	757.3	1177.2	1627.9	1672.6	1150.9	1178.7	1134.8	1425.2	1089.7	688.9	333.3	510.8
	1997	528.1	1026.3	1557.0	2191.7	1793.1	1428.9	1943.8	1820.3	1173.8	811.2	865.8	600.1
	1998	712.2	653.7	1293.7	1547.3	1941.6	1665.6	2049.9	1735.8	1292.7	1020.0	660.2	621.3
	1999	646.5	714.7	1701.3	1614.4	1963.9	1668.2	1979.0	1610.4	1206.9			
Lewis	1994	333.5	117.8	475.8	493.7	301.8	476.0	454.9	453.4	254.1	298.7	322.6	153.9
	1995	30.6	383.7	696.7	632.9	323.5	333.3	364.7	473.6	344.1	630.0	309.1	285.6
	1996	257.1	173.6	523.1	496.5	415.3	504.7	174.4	324.7	350.4	499.0	306.8	306.4
	1997	169.7	258.9	511.0	486.7	538.3	457.2	361.9	189.9	274.8	469.5	285.8	292.8
	1998	302.9	84.8	398.5	465.1	653.5	701.4	399.0	450.5	228.3	341.7	244.0	357.8
	1999	378.7	270.4	624.7	631.9	393.7	202.4	530.8	203.4	388.5			102.8
M	1994	336.8	494.6	1035.5	1316.4	1133.2	1008.8	911.3	1103.8	702.9	583.2	480.6	216.4
	1995	71.4	662.6	1088.0	1122.6	1105.9	1122.0	1143.3	1275.4	856.2	498.8	391.2	715.7
	1996	434.1	781.1	1273.4	1178.2	1143.5	1304.4	1516.0	1225.6	641.7	451.1	509.4	729.2
	1997	402.5	788.0	1562.4	1458.0	1215.6	1280.3	1197.7	1494.1	835.1	739.4	711.5	457.7
	1998	617.7	412.5	1082.6	1161.8	1188.5	1442.2	1508.2	1319.2	1362.8	991.9	631.0	496.0
	1999	509.8	650.9	1129.6	1064.1	1499.1	1201.9	1346.7	1285.6	1021.5			
Magnolia	1994	335.8	257.6	827.7	1125.0	955.8	894.6	1177.8	1062.8	894.0	441.4	353.6	370.4
	1995	103.5	449.5	950.5	998.5	831.4	1056.9	1024.5	902.2	438.1	301.5	578.5	358.5
	1996	472.1	737.6	798.0	962.3	533.9	629.8	998.3	965.8	588.5	785.1	479.0	500.9
	1997	317.4	411.2	1103.1	778.5	968.6	1443.8	1099.8	1110.1	719.0	502.8	570.4	366.7
	1998	385.9	257.0	837.2	890.3	912.2	924.8	878.4	731.3	518.8	506.0	385.7	294.6
	1999	483.4	490.6	819.4	792.0	790.3	874.8	773.8	998.5	575.9			
Malva	1994	88.6	34.0	98.3	85.8								
	1995										97.1	80.3	45.9
	1996	40.3	68.9	100.1	135.4	97.3	89.8	136.6	18.8	27.4	119.7	69.8	60.0
	1997	46.8	69.8	95.7	94.5	15.6	138.9	78.0	49.5	61.8	37.4	39.4	19.0
	1998	25.2	16.2	41.0	23.6	28.4	43.2	40.0	85.8	42.0	125.4	68.7	64.9
	1999	62.9	66.9	100.9	102.5	92.2	35.0	269.1	12.6	39.6			
Maple	1994	679.6	946.3	1730.8	2120.5	1123.3	1540.6	1981.2	1172.8	1204.1	1286.9	695.4	597.4

Table C- 14: Monthly Irrigation Deliveries to Minor Drain Areas of Influence (acre-ft)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1995	159.7	642.8	1705.5	1926.1	1440.4	1623.3	2200.7	1631.3	1204.9	1051.0	1004.4	625.5
	1996	893.2	1014.9	1738.4	2100.8	1560.2	1223.1	1344.1	1238.2	776.3	1091.0	838.6	713.5
	1997	695.5	1161.4	1649.8	2016.7	1198.6	1394.6	1484.7	1064.7	799.1	782.7	717.1	555.9
	1998	685.8	148.0	1839.4	1869.2	1755.2	1565.7	2072.3	1644.8	1686.1	1106.8	1005.8	637.7
	1999	1002.2	793.2	1787.0	1983.6	1669.3	1426.6	2101.0	1081.3	1461.6			
Marigold	1994	555.6	354.4	1561.3	1716.2	1255.7							
	1995												
	1996												
	1997												
	1998												
Mayflower	1994	651.0	576.6	1630.5	1802.5	1716.4							
	1995												
	1996												
	1997												
	1998												
Mesquite	1994	2078.0	1875.3	4395.8	6594.7	5095.9	5120.2	6041.0	5382.1	4708.6	4185.9	2472.8	1730.2
	1995	235.7	2197.4	5532.6	5724.2	5584.0	5997.8	6997.2	5388.0	4674.9	3269.5	2926.2	1815.1
	1996	2607.9	2564.7	5168.9	6857.8	4972.8	5304.5	5711.5	5026.5	4493.3	3828.6	3132.3	2166.2
	1997	2081.6	3502.7	5233.2	6291.8	5556.5	5330.3	6395.7	5607.9	3567.2	3332.0	3046.2	1581.2
	1998	1990.2	1216.9	5651.2	5853.6	5729.8	4770.0	5778.6	4845.3	3879.6	4162.2	2725.3	2333.3
	1999	2497.9	3123.8	5068.0	5181.2	6132.3	5481.9	5941.7	4935.3	3937.4			
Moorehead	1994	135.1	131.7	157.6	352.9	78.6	98.5	302.5	11.9	221.0	118.1	91.2	39.0
	1995	11.8	121.3	312.9	273.1	204.2	113.6	231.7	261.0	182.4	116.4	86.1	146.8
	1996	71.4	140.4	194.9	177.2	68.8	195.1	89.6	221.5	128.8	93.6	68.5	87.2
	1997	20.3	42.8	177.7	123.9	189.7	304.5	287.9	282.0	178.5	191.8	34.9	31.8
	1998	92.9	37.7	109.1	190.7	251.7	293.4	447.9	419.4	311.2	144.4	14.1	161.7
	1999	86.2	92.2	158.4	157.8	300.5	310.6	312.5	351.9	297.5			

Table C- 14: Monthly Irrigation Deliveries to Minor Drain Areas of Influence (acre-ft)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Moss	1994	434.6	496.3	983.2	1141.8	1199.0	1237.2	1271.2	1075.3	789.7	617.6	591.5	387.6
	1995	51.7	731.9	1475.4	1161.9	1135.0	1077.3	1435.3	1308.1	351.4	887.9	682.6	312.9
	1996	511.9	941.8	1271.1	1560.6	963.7	1068.3	1244.6	1259.9	792.3	836.5	835.3	439.7
	1997	465.7	726.3	1260.5	1375.3	870.2	1141.1	1631.6	1100.0	688.5	742.6	485.3	422.4
	1998	657.0	191.1	1130.6	1396.5	942.5	863.6	1297.7	1065.4	1078.1	874.8	672.9	484.6
	1999	583.2	833.5	1311.0	1296.3	1273.8	1311.2	1277.8	723.9	1056.9			
Mulberry	1994	737.4	603.4	1710.5	2006.8	1745.5	2204.1						
	1995										1620.4	1188.1	775.0
	1996	945.9	1427.5	2090.0	2615.5	1735.2	1747.7	2068.0	1360.3	1775.9	1276.9	1318.1	821.0
	1997	871.6	1378.6	2033.1	2207.3	1726.0	1532.1	1950.1	1525.8	1839.1	1584.6	1097.7	611.3
	1998	899.9	156.1	1901.8	1974.5	1724.4	2161.1	1813.6	1929.6	2046.5	1408.0	1154.2	883.1
	1999	1069.6	993.8	1763.1	1925.0	1882.2	2159.5	2270.3	1542.9	1640.7			
Mullen	1994	778.9	564.8	1459.3	1808.4	1486.0	1859.7	1890.1	1164.4	985.6	1512.9	717.6	595.4
	1995	56.8	604.7	1966.9	2010.2	1631.4	1593.9	1882.7	1279.9	1154.8	1082.4	712.6	897.3
	1996	702.5	1037.9	1450.3	1728.2	1235.7	1246.0	2061.5	1403.7	1280.1	1469.3	722.0	821.4
	1997	618.4	1010.8	1627.7	1957.9	1578.7	1751.5	1731.2	1764.1	1430.1	1022.2	723.5	498.0
	1998	602.6	359.0	1485.2	1616.2	1795.0	1775.0	2265.0	1829.8	1009.5	845.6	1104.3	889.8
	1999	526.0	992.4	1601.6	1603.5	1795.5	1790.8	1667.3	1713.7	1148.8			
Munyon	1994	707.2	610.7	1220.1	1823.0	1011.2	1125.1	1480.0	989.2	1141.8	957.9	757.9	387.5
	1995	127.1	728.8	1388.1	1499.1	1138.7	1285.4	1507.1	966.2	916.8	698.7	971.2	466.4
	1996	689.2	773.9	1344.3	1680.6	905.4	1339.2	1395.3	1085.9	1232.7	728.1	772.3	539.0
	1997	665.6	869.7	1297.2	1732.8	1332.0	1245.4	1480.9	1049.2	962.2	811.5	734.8	529.4
	1998	659.8	161.6	1263.6	1460.6	1197.8	1497.4	1989.0	1529.8	708.5	611.9	785.2	393.4
	1999	876.4	425.0	1322.6	1143.3	1037.8	1506.0	1594.7	1368.9	942.7			
Myrtle	1994	532.7	371.9	1063.8	1030.9	1100.7	1074.5	1843.3	1071.1	774.4	761.7	382.9	424.9
	1995	101.5	474.7	1227.3	1291.5	1395.9	1512.5	1310.6	1223.9	1242.9	481.2	810.9	439.6
	1996	512.2	834.9	1084.8	1133.5	1363.3	1065.6	1533.8	1153.2	906.5	889.8	658.4	306.2
	1997	573.0	744.0	1183.9	1409.1	1232.6	1059.8	1501.5	1138.3	922.7	738.2	585.5	179.0
	1998	578.1	253.7	1286.6	1276.9	1213.7	1347.7	1354.4	1104.8	827.4	785.5	638.1	528.4

Table C- 14: Monthly Irrigation Deliveries to Minor Drain Areas of Influence (acre-ft)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1999	591.8	565.6	1258.0	1262.0	1074.2	1426.3	1142.3	891.4	1018.5			
N	1994	475.4	422.5	845.2	1157.3	1015.0	860.0	1388.7	1220.8	943.7	807.8	462.3	389.0
	1995	198.6	553.0	1320.6	1458.8	1396.0	1083.5	1145.2	1489.9	1021.4	683.1	679.1	535.8
	1996	485.3	983.4	1168.5	1466.6	1132.7	856.5	1178.7	1221.6	811.3	776.0	522.9	693.9
	1997	430.2	633.7	1311.2	1651.8	1271.9	1106.3	1097.9	1203.8	661.3	990.1	664.4	488.4
	1998	542.2	294.5	1100.5	1219.9	1059.0	746.5	1104.4	1198.3	1100.5	991.1	419.0	565.4
	1999	494.3	479.4	1080.4	1510.9	1106.2	1309.0	823.5	666.4	711.9			
Narcissus	1994	324.0	570.7	1614.0	1735.8	1617.1	1828.0						
	1995												
	1996												
	1997												
	1998												
	1999												
Nectarine	1994	653.4	549.4	1670.5	1909.3								
	1995										885.7	811.9	771.6
	1996	1281.0	1018.3	1887.4	1981.0	1021.9	1633.9	2067.7	1084.1	1012.1	940.7	1040.4	895.0
	1997	775.3	1283.6	1680.3	1763.6	1207.5	1333.4	1601.6	1119.1	1426.0	1510.2	833.5	672.0
	1998	895.4	366.0	1802.3	1791.9	1434.6	1337.4	2139.4	1355.0	1864.2	1029.1	778.8	552.1
	1999	995.5	1012.2	1690.6	1702.3	1832.7	2016.5	1791.9	1914.6	1360.5			
Nettle	1994	724.3	775.9	1517.5	2242.9	1807.2	1880.6	1957.0					
	1995										893.6	981.5	677.7
	1996	692.8	1281.0	1931.2	2384.6	1618.5	1307.0	1830.1	965.5	996.7	577.0	669.5	807.6
	1997	899.3	1107.6	1932.8	2087.3	1380.7	1318.0	1937.8	1435.1	1525.7	1228.6	744.4	808.9
	1998	696.1	245.9	1972.2	1907.1	2386.4	2063.3	1857.5	1952.3	1576.7	1002.1	994.8	671.9
	1999	747.5	820.6	1888.3	2070.3	1674.9	1418.9	1823.4	1866.4	1586.1			
	Mean	752.0	846.2	1848.4	2138.4	1773.5	1597.6	1881.2	1554.8	1421.3	925.3	847.6	741.5
	STDEV	85.3	394.8	187.3	181.9	375.8	350.5	62.2	453.4	284.3	270.9	165.3	77.1
	Coef. Var.	0.11	0.47	0.10	0.09	0.21	0.22	0.03	0.29	0.20	0.29	0.20	0.10
Ninth St.	1994	81.7	164.2	260.9	331.7	156.2	113.0	99.6	253.3	21.6	227.5	205.3	44.3

Table C- 14: Monthly Irrigation Deliveries to Minor Drain Areas of Influence (acre-ft)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1995		114.8	236.4	355.5	247.7	325.7	250.1	225.5	111.1	146.1	124.1	104.6
	1996	64.0	107.8	210.1	293.9	217.1	221.5	259.2	331.5	161.6	63.1	223.8	57.3
	1997	140.5	83.3	224.7	249.9	211.8	216.2	225.0	193.0	102.4	187.4	106.8	62.8
	1998	117.2	42.6	184.1	317.6	285.1	188.0	323.3	121.0	252.9	137.0	197.0	84.7
	1999	104.6	126.3	249.9	256.9	217.0	258.2	201.2	164.9	176.0			
Nutmeg	1994	1006.3	494.6	1606.6	1980.0								
	1995	132.3									1480.4	644.7	779.3
	1996	761.5	1132.0	1722.1	2399.9	1854.1	1595.8	1537.8	1255.8	1492.9	924.3	741.7	888.3
	1997	628.2	1271.1	1809.7	1954.4	1815.6	1085.2	1889.3	1171.0	1037.2	1290.0	785.1	339.5
	1998	893.6	273.8	1936.6	2114.0	1904.6	2232.1	2521.2	1970.6	1983.0	1197.7	829.6	438.8
	1999	926.2	1064.9	1913.3	1662.8	1829.6	1939.4	1738.3	2140.5	1934.7			
Oak	1994	709.5	524.6	958.7	1403.6	1295.5	1277.6	1269.4	1144.8	764.9	685.0	825.2	521.6
	1995	41.4	805.7	1543.6	1528.3	1195.6	1368.8	1471.4	1033.1	762.9	643.5	956.9	398.0
	1996	737.1	844.8	1368.3	1543.0	968.6	1517.1	1315.8	1623.7	927.0	544.2	922.3	422.2
	1997	557.7	901.8	1178.4	1437.6	895.2	1496.0	1715.2	1351.5	1108.8	667.5	793.6	316.2
	1998	623.8	277.9	1279.0	1210.5	1197.7	992.4	1560.5	1276.0	1221.2	496.0	638.7	692.4
	1999	811.2	708.5	1346.1	1148.7	897.8	1478.1	812.7	844.0	897.9			
Oasis	1994												
	1995							732.7	455.2	626.3	409.4	423.3	173.7
	1996	448.3	267.0	670.1	699.0	681.0	669.4	576.8	355.6	461.4	414.9	445.3	289.9
	1997	253.0	386.0	558.0	594.1	686.8	691.0	793.8	560.8	414.0	373.9	250.9	302.8
	1998	229.9	129.7	538.3	718.4	607.4	603.0	515.6	333.9	455.2	431.9	481.2	197.0
	1999	392.3	276.6	566.6	620.2	625.2	436.7	438.8	384.8	439.8			
Oat	1994												
	1995							685.6	733.8	424.3	497.7	373.8	263.9
	1996	185.4	408.9	509.7	673.1	733.3	543.8	620.2	477.7	412.4	583.1	363.0	322.1
	1997	153.1	448.9	578.1	738.7	742.1	581.1	631.9	468.0	521.9	485.2	269.5	283.3
	1998	291.8	124.9	580.8	640.5	809.0	653.9	664.5	468.3	440.7	516.5	357.0	268.5
	1999	252.8	301.2	598.6	598.0	651.5	638.5	698.0	455.5	541.2			

Table C- 14: Monthly Irrigation Deliveries to Minor Drain Areas of Influence (acre-ft)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Occident	1994	228.8	297.1	596.0	770.0	875.4	903.7	884.8	718.5	718.0	492.6	270.8	276.0
	1995	39.0	260.4	751.2	611.2	781.7	882.6	806.1	660.6	636.9	435.0	400.1	239.6
	1996	386.3	327.7	675.0	714.8	713.7	637.7	662.3	642.2	411.5	614.4	475.2	262.5
	1997	308.2	468.7	597.6	871.8	760.3	752.8	736.3	834.8	529.9	659.4	376.3	264.7
	1998	306.2	136.0	675.4	702.1	824.7	747.3	751.2	478.8	491.3	700.8	359.1	359.6
	1999	373.6	332.1	576.0	680.3	695.0	682.3	514.8	483.1	617.8			
Ohmar	1994	803.9	854.2	1520.4	2091.2	1879.9	1730.4	2191.3	1410.6	1568.7	1349.2	1068.6	656.1
	1995	125.6	783.8	1790.4	1801.0	1759.5	1739.2	1752.4	1499.7	1373.8	1397.7	1336.7	675.7
	1996	1127.2	1368.5	2058.4	2398.0	1455.4	1516.2	1242.4	1426.0	1332.9	1362.8	1115.4	737.9
	1997	707.6	1078.2	1440.3	1437.6	1780.4	1761.3	1940.8	1882.1	1195.6	1132.1	999.0	836.7
	1998	684.8	186.8	1461.7	1754.0	2061.2	2122.0	1991.6	1698.7	1408.9	1445.3	781.4	925.3
	1999	976.7	923.4	1738.8	1924.4	1550.1	1722.2	1479.3	1641.0	1267.7			
Oleander	1994	713.0	716.1	1441.7	2153.7	1417.1	1790.9	1545.7	1952.5	1382.2	1438.0	957.1	658.8
	1995	55.8	940.7	1697.2	1847.9	1554.2	1908.4	1985.4	1926.5	1243.2	1165.7	1072.6	608.7
	1996	851.2	918.2	1575.4	1948.6	1771.3	1602.3	1720.6	1298.6	1062.9	980.0	1270.9	748.8
	1997	700.0	1023.3	1623.8	1862.5	1507.1	1501.6	2050.5	1466.8	1074.6	967.9	1007.7	604.0
	1998	765.3	191.8	1672.1	1761.9	1901.5	1543.3	2069.9	1288.2	1120.9	1290.2	846.6	749.3
	1999	807.0	933.1	1654.4	1551.5	1631.8	1828.0	2047.8	1590.8	1701.0			
Olive	1994	1035.1	647.0	1324.7	1867.8	1908.3	1927.3	2053.8	2139.6	1491.4	1247.3	1500.8	480.4
	1995	82.9	867.2	1695.2	2042.9	2362.0	2534.8	2854.3	2220.5	1420.6	1330.2	1227.9	607.9
	1996	1169.4	1200.6	1579.0	2173.4	1979.4	2107.3	2643.9	2071.8	1584.5	1418.2	1471.1	1146.5
	1997	1080.3	1168.2	2194.4	2373.4	2085.3	2126.8	2030.8	1538.5	1218.3	910.3	840.9	494.3
	1998	1614.4	564.9	1164.9	2311.0	2138.3	1633.1	1838.6	2197.7	1217.7	1869.5	847.8	1066.9
	1999	1813.5	1455.0	1493.6	1911.3	2592.5	1735.9	1328.8	1699.9	1115.8			
Orange	1994	730.0	605.6	1818.0	1753.5	1576.4	1473.7	1919.5	1547.3	966.0	1138.0	886.2	471.4
	1995	121.9	557.6	1638.9	1667.1	1550.2	1528.8	1771.7	1819.6	1241.8	844.9	870.6	487.3
	1996	670.1	879.5	1207.2	1791.7	2061.1	1647.3	1648.1	1361.0	1039.6	936.6	874.4	541.9
	1997	657.4	824.6	1353.6	1435.3	1552.6	1277.1	1492.6	1016.3	788.4	671.1	1127.7	283.3
	1998	476.7	733.1	439.8	1483.9	2105.5	1383.6	1174.8	1892.0	1039.1	1093.7	1125.0	737.5
	1999	429.3	977.3	1259.1	1505.7	1421.3	1288.5	833.6	1008.8	1413.2			

Table C- 14: Monthly Irrigation Deliveries to Minor Drain Areas of Influence (acre-ft)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Orient	1994												
	1995							938.2	637.3	668.9	549.1	441.8	255.4
	1996	312.0	405.8	596.0	804.7	874.6	608.5	717.2	515.4	488.2	629.1	429.0	386.2
	1997	277.9	402.4	640.4	724.2	843.1	798.0	633.8	626.3	444.1	510.6	536.9	219.7
	1998	381.1	197.0	522.2	696.2	792.6	766.8	600.5	563.4	405.2	693.6	467.7	316.4
	1999	338.6	334.0	433.6	677.5	646.5	487.2	398.9	418.7	561.1			
Orita	1994	832.8	741.9	1423.5	2061.2	1203.3	894.5	1368.6	1181.6	898.3	1118.2	805.7	461.4
	1995	114.4	596.9	1519.6	1701.3	1409.8	1409.0	1218.9	1278.8	1197.4	729.1	922.1	424.4
	1996	725.0	981.3	1412.8	1942.7	1249.0	1240.0	1642.9	1277.0	1471.4	622.3	898.5	542.2
	1997	541.5	1129.9	1350.6	1527.3	1675.8	1671.5	1740.2	1556.3	1077.2	834.1	835.9	446.8
	1998	679.7	121.1	1480.6	1761.2	1409.6	993.8	1788.1	1133.3	1515.0	1168.5	863.9	781.9
	1999	698.6	841.9	1443.0	1731.5	1642.4	1707.3	1195.7	1177.1	1137.1			
Osage	1994	710.0	735.1	1523.1	1934.7	968.4	1135.8	962.2	1010.3	865.6	871.6	1106.0	354.7
	1995	20.0	870.6	1748.3	1494.3	1071.3	1559.1	1674.5	1635.7	1002.0	1016.4	813.4	509.1
	1996	960.9	1071.9	1761.8	2231.0	1414.3	1732.5	1660.1	1495.4	1087.9	666.7	849.5	750.3
	1997	424.3	1019.1	1431.8	1457.0	1294.4	1470.1	2144.5	1155.5	1374.5	943.6	608.4	303.4
	1998	676.7	298.8	1484.2	1299.4	1056.5	1127.5	1047.0	1035.2	935.6	914.4	924.9	820.3
	1999	758.7	793.8	1528.5	1363.1	1327.0	1406.9	1099.3	943.2	1032.9			
Oxalis	1994	723.4	546.5	1505.0	1866.6	1663.7	1645.3	1783.7	1632.9	1330.3	1140.6	1327.3	204.5
	1995	23.9	707.9	2058.4	2017.4	1414.9	2118.7	1727.1	1746.2	1285.1	1259.6	947.0	751.1
	1996	511.0	928.5	1481.5	1719.5	1925.7	1848.5	1859.4	1669.6	1400.9	1308.4	931.2	960.6
	1997	491.6	1116.1	1494.9	2186.7	1883.9	1592.4	1910.0	1866.7	1382.5	1254.2	1141.1	708.5
	1998	779.2	325.7	1491.0	1656.3	2181.1	1752.5	1786.5	1965.1	999.6	1222.0	1459.8	1103.2
	1999	721.2	1186.9	1546.7	1536.3	1953.3	2099.3	1024.8	1290.8	997.4			
Palm	1994												
	1995							1781.9	1553.8	1160.4	1448.7	861.9	952.7
	1996	855.2	891.0	1407.2	1706.8	1732.7	1333.4	1579.3	1299.7	1412.9	1317.7	1059.9	815.1
	1997	973.6	966.7	1379.4	1790.7	1493.8	1153.0	1531.5	1098.9	999.4	1142.3	1084.3	904.3
	1998	854.9	668.2	1363.5	1473.5	1500.2	1245.4	1481.8	1384.1	1124.8	1745.4	816.7	960.5

Table C- 14: Monthly Irrigation Deliveries to Minor Drain Areas of Influence (acre-ft)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1999	996.8	919.3	1237.5	1349.4	1378.8	1357.7	1655.6	1235.6	1195.2			
Palmetto	1994	1207.8	1027.0	2224.5	2415.1	2897.8	2853.9	2700.9	2501.9	2006.6	2112.1	1486.3	1199.0
	1995	463.9	1193.7	2360.3	2384.2	2459.8	2844.6	2750.7	2480.0	1644.1	2024.3	1546.8	1169.0
	1996	1451.5	1384.8	2375.8	2711.4	2398.4	2254.6	2423.6	2240.9	2068.8	2034.3	1742.2	1346.8
	1997	1381.8	1444.9	2246.5	2774.2	2382.2	2209.1	2510.8	1803.9	1652.0	1739.6	1549.4	1212.5
	1998	1249.2	925.5	2216.0	2386.5	2694.5	2313.2	2568.7	2198.6	1912.8	2403.2	1412.7	1445.0
	1999	1396.1	1321.9	2040.3	2260.1	2513.5	2563.5	2849.5	2051.1	1800.7			
Peach	1994	287.4	203.7	649.0	1076.6	1019.7	1154.4	1102.4	584.7	426.7	878.8	373.9	255.4
	1995	6.0	248.4	931.8	1035.9	926.3	1026.5	1063.3	763.3	743.5	444.5	366.9	238.3
	1996	327.7	555.3	821.6	1006.5	732.9	724.7	1096.5	596.1	610.6	519.7	401.0	244.0
	1997	315.9	545.7	714.6	1028.8	902.1	789.8	1121.2	774.1	630.5	559.4	473.0	192.5
	1998	339.8	102.2	619.8	813.7	890.2	787.1	1013.9	623.4	590.0	500.1	360.8	294.5
	1999	590.4	407.3	587.0	927.0	909.7	797.9	588.4	737.3	683.2			
Pepper	1994	432.6	273.0	692.9									
	1995							906.4	762.0	896.8	549.5	438.6	425.8
	1996	448.9	413.6	905.4	1150.7	936.1	1027.7	983.1	1034.4	436.7	626.6	349.5	327.2
	1997	388.6	636.8	824.6	1049.7	855.1	912.3	1223.7	815.2	593.8	753.4	492.3	414.8
	1998	459.1	84.2	844.5	902.6	1133.1	855.6	1093.1	810.4	556.6	699.9	499.3	469.1
	1999	419.6	574.3	831.0	834.4	1025.3	1010.1	834.1	400.9	761.3			
Pine	1994												
	1995							1593.8	1187.4	1199.8	1156.8	670.8	413.3
	1996	332.3	790.0	1098.4	1247.9	1582.1	1120.0	1207.4	1397.8	760.3	1385.7	550.9	572.6
	1997	361.1	707.0	1055.8	1311.7	1504.3	1288.0	1335.7	1217.0	839.4	1214.9	624.1	319.3
	1998	398.6	193.4	1058.3	1108.4	1495.8	1332.4	1222.6	1232.7	948.2	942.6	734.3	492.3
	1999	580.5	477.5	768.3	908.5	1534.7	1347.2	1033.6	831.3	1100.8			
Plum	1994	487.6	488.9	717.4	1141.4	842.2	982.6	1007.3	958.2	704.6	629.5	518.9	421.1
	1995	0.0	286.1	1144.7	1084.8	1125.8	1014.0	944.8	897.2	550.5	745.4	474.1	241.6
	1996	408.2	493.7	962.4	1099.8	1238.2	760.1	1128.6	633.2	355.1	753.3	546.0	225.9
	1997	293.0	646.5	844.6	1071.5	798.8	906.1	1106.6	810.0	499.8	547.1	301.7	564.9

Table C- 14: Monthly Irrigation Deliveries to Minor Drain Areas of Influence (acre-ft)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1998	295.2	302.9	959.2	1075.6	1001.7	1033.7	1194.4	586.1	673.7	637.5	464.1	363.2
	1999	416.0	604.8	702.2	801.5	1288.5	1163.3	866.4	897.1	896.9			
Pomelo	1994												
	1995							1029.1	1020.9	1016.9	565.6	393.3	259.9
	1996	446.6	524.9	919.6	968.1	985.8	708.8	906.4	819.3	598.4	861.9	522.9	402.9
	1997	343.9	685.3	866.3	1000.8	958.9	918.5	1024.3	833.0	412.7	840.4	416.5	390.8
	1998	569.0	191.7	683.3	949.7	962.4	921.1	1153.6	694.8	677.2	532.4	384.3	503.9
	1999	335.8	429.6	848.3	841.3	773.1	876.0	784.0	500.5	682.2			
Rockwood	1994	151.1	118.8	572.9	668.7	397.8	483.5	413.7	548.8	416.1	606.1	366.0	46.2
	1995	23.6	95.9	545.9	646.0	714.1	534.2	494.5	723.4	306.9	497.3	287.4	170.5
	1996	249.9	324.7	507.0	806.2	623.5	290.1	230.7	43.2	303.7	342.2	492.4	181.1
	1997	239.4	312.4	520.0	717.5	299.0	280.6	430.1	481.3	247.1	400.0	102.0	326.3
	1998	122.2	213.5	547.5	409.8	805.1	634.2	550.8	592.3	472.6	492.1	290.7	240.4
	1999	156.3	297.9	515.5	657.2	719.0	621.5	753.7	458.8	254.8			
Schali	1994	568.5	262.4	566.9	786.8	784.6	746.3	890.0	356.3	386.8	920.5	436.0	236.0
	1995	184.9	255.9	770.7	727.0	868.0	791.9	842.8	698.8	624.5	358.1	506.9	318.4
	1996	457.7	457.3	775.9	729.0	937.2	764.6	553.9	348.9	509.8	644.4	493.4	506.2
	1997	250.1	464.5	799.0	935.5	816.1	730.0	875.9	609.3	463.5	416.5	529.1	280.6
	1998	152.0	147.9	743.3	631.4	709.3	662.4	885.6	733.2	491.5	717.0	385.1	422.4
	1999	354.5	355.8	380.0	737.3	860.4	823.1	722.8	1010.6	474.0			
	Mean	328.0	324.0	672.6	757.8	829.3	753.1	795.2	626.2	491.7	611.3	470.1	352.7
	STDEV	163.0	124.9	166.2	100.6	78.3	55.4	133.7	250.8	77.6	229.1	58.7	110.0
	Coef. Var.	0.50	0.39	0.25	0.13	0.09	0.07	0.17	0.40	0.16	0.37	0.12	0.31
South Alamo	1994	11.7	213.3	186.5	363.1	208.3	378.4	267.8	313.7	122.0	285.9	118.9	91.1
	1995	31.3	77.8	248.5	280.8	321.9	308.2	291.0	185.4	174.5	143.9	210.3	50.4
	1996	88.2	142.3	292.7	324.9	295.6	281.4	351.8	254.9	162.0	88.7	204.5	110.6
	1997	110.7	224.9	236.0	281.2	326.1	337.8	181.7	208.6	153.3	235.2	204.7	84.6
	1998	111.2	106.9	207.8	289.1	317.9	208.3	258.6	190.1	180.0	222.7	111.3	114.9
	1999	86.8	150.9	167.9	170.8	383.7	198.1	181.3	171.5	193.8			
	Mean	73.3	152.7	223.2	285.0	308.9	285.4	255.4	220.7	164.3	195.3	169.9	90.3

Table C- 14: Monthly Irrigation Deliveries to Minor Drain Areas of Influence (acre-ft)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	STDEV	41.9	57.8	45.3	64.5	57.3	71.4	65.8	54.0	25.0	78.4	50.2	25.7
	Coef. Var.	0.57	0.38	0.20	0.23	0.19	0.25	0.26	0.24	0.15	0.40	0.30	0.28
Standard	1994	643.1	644.4	1748.3	2260.7	1524.9							
	1995												
	1996												
	1997												
	1998												
	1999												
Toland	1994			38.7	54.3	52.0	54.6	56.2	58.1		60.7		23.0
	1995			55.8	48.0	42.2	45.0	54.4	53.8		28.2	25.6	25.6
	1996	23.4		49.8	45.2	51.2	29.4	77.0		34.7	21.2	26.6	26.2
	1997	22.6	26.2	21.2	48.2	51.2	58.2	60.6		27.4	26.0	24.2	
	1998		49.6	28.2	45.8	61.3	18.6	84.7	22.9		101.3		
	1999		28.8	23.6	18.2			85.0					
Township	1994												
	1995							1043.5	861.3	529.7	779.6	508.7	504.4
	1996	462.5	539.4	1104.9	1032.3	1014.5	890.5	980.4	325.1	776.3	645.1	511.8	514.4
	1997	442.5	615.6	935.1	1022.3	1026.5	858.8	919.7	322.9	674.7	871.6	504.5	306.8
	1998	419.4	215.3	860.3	944.3	948.5	1048.9	1020.6	874.0	747.8	794.5	466.7	465.1
	1999	410.4	477.3	864.9	1013.8	1036.1	939.7	912.3	586.3	495.3			
Vail 1	1994	69.0	72.6	78.4	144.4	207.9	213.1	217.6	212.4	175.6	120.0	71.8	72.8
	1995		62.3	110.9	161.1	180.6	169.6	209.1	208.1	72.0	138.9	70.9	73.4
	1996	64.3	78.2	72.2	174.2	171.7	199.6	99.7	227.3	210.4	115.0	175.6	61.6
	1997	66.7	246.2	104.1	255.0	284.3			231.5	73.6	99.0	136.4	102.0
	1998	114.7	106.4	279.4	328.7	42.9			296.5		129.6	102.0	100.0
	1999	147.8	194.4	323.5	139.0	154.1	19.0		206.1				
Vail 2	1994	59.6	23.0	63.2	89.2	88.7	83.5	98.4	88.0	67.8	70.3	37.7	31.6
	1995	5.2	44.7	83.7	111.5	104.6	89.6	104.6	91.3	54.3	82.5	65.2	35.6
	1996	43.7	48.8	100.1	130.6	85.6	65.9	91.3	97.8	46.8	135.5	62.2	43.2

Table C- 14: Monthly Irrigation Deliveries to Minor Drain Areas of Influence (acre-ft)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1997	45.2	60.6	95.7	111.5	106.5	76.2	123.0	91.4	32.5	85.4	56.5	38.0
	1998	54.6	19.8	83.8	108.8	127.8	86.2	125.3	85.7	80.4	103.1	53.0	47.2
	1999	43.0	53.2	89.0	101.1	93.3	81.1	114.8	87.6	94.6			
Warren	1994	1266.5	1013.3	2303.2	2852.4	2809.8	2364.1	2775.1	2002.6	2063.2	2089.5	1283.2	1142.6
	1995	424.2	1177.4	2527.8	2736.9	2650.2	2669.6	2750.6	2167.7	1616.3	1752.7	1471.7	1239.4
	1996	1379.2	1431.2	2466.7	2960.5	2032.1	2054.3	1584.5	2538.0	1542.5	2309.4	1741.3	1524.5
	1997	1030.9	1297.1	2155.5	2772.4	2974.4	3188.2	2995.9	2523.7	1384.7	1780.7	1421.6	1173.0
	1998	1277.6	638.6	2240.1	2453.1	2893.2	3144.1	3117.8	2237.0	1943.2	2078.9	1514.7	1280.4
	1999	1563.7	1205.0	2027.4	2293.2	2557.8	2563.9	2192.2	2354.5	1884.7			
Wills	1994	223.2	140.4	421.5	613.9	565.3	545.2	590.3	550.2	498.5	382.4	200.3	198.2
	1995	48.2	209.1	613.6	663.3	475.6	534.2	525.1	424.6	248.0	372.6	188.2	152.7
	1996	206.9	287.1	519.1	696.9	475.2	588.4	822.7	556.8	531.8	331.2	95.1	292.2
	1997	202.5	282.3	618.3	612.5	413.7	568.2	775.8	860.4	485.0	371.6	147.9	148.3
	1998	145.1	96.7	398.5	574.7	572.8	594.8	772.0	494.9	435.1	86.0	154.9	123.0
	1999	66.7	278.8	404.0	444.7	729.6	516.2	639.7	400.7	516.5			
Wores	1994	204.4	105.5	369.0	486.3	451.5	465.0	366.0	328.4	138.5	150.3	303.4	93.7
	1995	38.9	150.9	338.9	562.3	383.1	388.2	352.8	407.6	222.3	286.0	194.0	126.7
	1996	237.9	315.7	299.4	351.0	525.4	386.9	503.7	545.6	254.9	167.2	348.1	101.8
	1997	178.7	320.0	487.0	480.2	285.4	411.0	428.2	468.9	390.9	282.8	175.2	139.4
	1998	151.9	53.4	400.6	435.9	513.9	501.6	320.8	384.5	426.8	280.9	286.9	150.8
	1999	82.3	179.1	371.9	324.2	452.8	459.3	540.8	193.2	301.8			

Table C- 15: Total Irrigation Deliveries to Minor Drain Areas of Influence

Total Minor Drain Deliveries (acre-ft)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1994	33993.4	32545.6	71185.8	93628.3	73536.5	70008.1	73085.8	60786.8	49072.8	48026.9	34146.5	21790.4
1995	5434.1	32759.5	69443.6	73309.1	67814.8	70721.5	85153.7	76473.6	56943.4	54651.8	44599.9	34372.8
1996	41124.1	51824.1	82293.2	97755.3	79972.2	76854.0	84184.1	72258.6	62082.1	56572.4	46234.2	39061.3
1997	34417.1	53498.4	81579.3	93975.3	82140.9	77871.2	93379.8	77896.4	56745.3	54297.6	43553.6	34120.3
1998	36658.8	19556.5	76240.5	86378.4	88278.3	81764.8	94891.3	80944.1	66361.1	61994.2	44140.9	36932.8
1999	38594.6	44378.8	75927.7	80312.6	87343.5	84694.9	79227.4	70356.1	62958.0	0.0	0.0	0.0

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Influence

Legend:		= Value eliminated based on incomplete records				= Suspect Value							
Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Alamo	1994	3527.5	3909.2	5892.4	8105.1	8119.5	7613.4	7751.8	7297.5	6661.3	6648.0	4929.4	2716.8
	1995		4021.0	7536.5	7830.9	7791.8	7544.9	8262.3	8394.2	6653.2	6028.9	4145.4	3345.6
	1996	4290.6	4737.0	7036.4	8650.3	8795.9	7352.3	7652.9	6866.3	5870.3	6272.4	4722.0	3870.3
	1997	3863.7	5173.4	6837.7	8161.3	7968.9	6996.0	7831.9	7423.3	4131.9	5774.7	4742.0	2790.9
	1998	3986.4		6336.2	8148.0	8312.5	7463.8	6662.2	7226.7	5998.6	6346.8	4821.9	3801.1
	1999	3427.0	4337.3	6079.3	6322.2	7395.3	6762.7	6154.4	6265.1	5342.1			
	Mean	3819.0	4435.6	6619.8	7869.6	8064.0	7288.9	7385.9	7245.5	5776.2	6214.2	4672.1	3304.9
	STDEV	350.4	522.9	626.6	802.9	475.6	337.1	801.6	701.3	949.0	330.4	305.5	542.6
	CV	0.09	0.12	0.09	0.10	0.06	0.05	0.11	0.10	0.16	0.05	0.07	0.16
	Upper 95%	4505.8	5460.5	7847.9	9443.4	8996.1	7949.5	8957.0	8620.1	7636.3	6861.7	5271.0	4368.4
Lower 95%	3132.3	3410.6	5391.6	6295.9	7131.9	6628.2	5814.9	5871.0	3916.2	5566.6	4073.3	2241.5	
All-American	1994			349.5	501.6	441.4	472.2	525.0	362.8	140.1	12.4	12.0	3.6
	1995		26.6	487.1	412.7	299.2	466.1	504.6	226.8	7.2	14.2	7.2	289.4
	1996	272.8	233.2	314.0	363.2			85.0	420.9	182.4	334.2	226.8	193.6
	1997	197.1	163.5	223.0	342.3	404.6	445.0	418.0	131.0		526.9		31.7
	1998	212.6		200.9	292.0	233.0	66.2		417.0		363.0	171.8	25.2
	1999	180.1		318.8	211.8	382.9	324.8	313.4	233.8	444.4			
	Mean	215.7	141.1	315.6	353.9	352.2	354.9	369.2	298.7	193.5	250.1	104.5	108.7
	STDEV	40.3	105.1	102.3	99.5	84.7	172.1	179.5	118.8	183.2	228.4	111.8	126.3
	CV	0.19	0.74	0.32	0.28	0.24	0.49	0.49	0.40	0.95	0.91	1.07	1.16
	Upper 95%	294.7	347.1	516.0	549.0	518.1	692.2	721.0	531.5	552.5	697.7	323.6	356.2
Lower 95%	136.6	-64.9	115.1	158.9	186.3	17.5	17.4	65.9	-165.5	-197.4	-114.7	-138.8	
Bailey	1994	133.0	112.0	149.7	191.5	132.8	64.2	240.4	149.7	206.1	123.2	75.7	74.4
	1995		71.9	132.6	220.3	110.8	53.6	149.5	318.1	62.5	230.8	137.3	60.9
	1996	110.4	84.5	197.3	232.8	181.2	118.3	218.3	162.9	61.1	132.9	101.0	84.5
	1997	67.1	168.1	176.4	140.1	108.8	91.6	309.3	99.4	182.3	75.2	81.1	81.1
	1998	150.4		188.7	228.4	134.1	225.3	204.8	222.5	267.5	143.3	161.9	92.9
	1999	117.2	113.8	152.3	151.0	147.3	204.1	422.0	211.3	228.6			
	Mean	115.6	110.1	166.2	194.0	135.8	126.2	257.4	194.0	168.0	141.1	111.4	78.8

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Influence

Legend:		= Value eliminated based on incomplete records					= Suspect Value						
Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	STDEV	31.2	37.1	25.2	40.4	26.7	72.5	95.9	75.4	86.9	56.5	37.2	12.0
	CV	0.27	0.34	0.15	0.21	0.20	0.57	0.37	0.39	0.52	0.40	0.33	0.15
	Upper 95%	176.8	182.7	215.5	273.1	188.1	268.2	445.4	341.7	338.4	251.9	184.2	102.3
	Lower 95%	54.5	37.4	116.8	114.9	83.5	-15.9	69.4	46.3	-2.4	30.3	38.6	55.2
Bryan	1994	152.6	240.8	1081.1	1559.5	995.5	1436.9	1867.0	1403.7	787.3	967.4	487.8	447.7
	1995		723.8	1284.1	1308.5	1132.3	912.4	1185.1	844.1	849.3	602.1	632.4	537.5
	1996	414.3	654.9	1325.4	1162.4	962.4	1243.4	1347.8	1218.0	1024.8	592.7	654.2	371.9
	1997	535.8	622.5	1198.9	1270.5	1333.0	1409.6	1490.3	1334.2	707.7	322.3	410.3	457.5
	1998	427.4		1149.7	1217.7	991.0	1090.6	1238.9	1272.0	541.6	600.5	321.7	359.5
	1999	574.5	404.3	1105.8	1215.9	1253.3	1249.2	1559.5	1229.4	800.1			
	Mean	420.9	529.3	1190.8	1289.1	1111.3	1223.7	1448.1	1216.9	785.1	617.0	501.3	434.8
	STDEV	165.0	200.7	97.8	141.7	154.8	197.8	250.1	195.4	159.4	229.5	142.6	72.2
	CV	0.39	0.38	0.08	0.11	0.14	0.16	0.17	0.16	0.20	0.37	0.28	0.17
	Upper 95%	744.3	922.7	1382.5	1566.8	1414.6	1611.4	1938.2	1599.8	1097.6	1066.9	780.7	576.3
Lower 95%	97.6	135.9	999.1	1011.4	807.9	835.9	958.0	834.0	472.6	167.1	221.9	293.3	
C	1994	992.0	1490.2	2535.8	3694.3	2968.8	2753.9	3433.7	3023.7	2517.5	1736.8	959.2	878.4
	1995		1666.0	2927.9	3105.6	2904.9	3108.1	2822.8	3630.9	2004.8	1479.3	1414.8	1032.5
	1996	1185.3	2101.9	3205.6	3587.2	2673.1	2192.1	2748.6	2215.9	3170.4	1601.0	1328.1	1056.4
	1997	1097.2	2272.1	2897.8	2671.6	2361.1	2160.3	3287.5	2764.7	1963.2	1814.7	1340.6	1027.6
	1998	1070.8		2926.9	3387.3	3181.0	3474.3	4052.1	3409.6	2613.2	1682.2	1518.4	997.2
	1999	727.3	1720.5	2674.2	2776.3	3491.4	3445.8	2925.7	2591.3	2860.7			
	Mean	1014.5	1850.1	2861.4	3203.7	2930.1	2855.8	3211.7	2939.4	2521.6	1662.8	1312.2	998.4
	STDEV	174.8	324.7	232.2	423.5	392.4	588.0	491.7	525.6	474.0	128.9	211.4	70.3
	CV	0.17	0.18	0.08	0.13	0.13	0.21	0.15	0.18	0.19	0.08	0.16	0.07
	Upper 95%	1357.1	2486.5	3316.5	4033.8	3699.2	4008.3	4175.4	3969.6	3450.6	1915.4	1726.5	1136.3
Lower 95%	672.0	1213.7	2406.3	2373.6	2160.9	1703.2	2248.0	1909.1	1592.7	1410.2	897.9	860.6	
D	1994	185.4	149.9	368.6	428.0	309.7	348.3	327.5	324.9	275.0	242.4	130.6	203.8
	1995		241.1	423.9	451.1	423.5	279.5	284.7	198.0	293.7	307.3	263.9	239.8
	1996	232.2	239.3	445.3	465.6	371.4	271.2	291.8	145.9	156.8	199.6	269.7	180.7
	1997	233.5	258.2	372.5	448.0	321.3	319.9	492.6	448.7	203.2	265.5	162.6	166.2

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Influence

Legend:		= Value eliminated based on incomplete records					= Suspect Value						
Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1998	236.6		448.0	458.8	322.1	321.9	479.9	361.7	389.2	286.4	182.7	172.9
	1999	213.8	188.0	445.1	409.3	462.6	477.4	328.3	504.7	313.2			
	Mean	220.3	215.3	417.2	443.5	368.4	336.4	367.5	330.6	271.8	260.2	201.9	192.7
	STDEV	21.5	45.0	37.2	21.0	62.8	74.8	93.8	139.2	82.4	41.6	62.1	29.9
	CV	0.10	0.21	0.09	0.05	0.17	0.22	0.26	0.42	0.30	0.16	0.31	0.16
	Upper 95%	262.3	303.5	490.2	484.7	491.5	483.0	551.4	603.5	433.3	341.8	323.7	251.3
	Lower 95%	178.2	127.0	344.2	402.2	245.3	189.7	183.6	57.7	110.4	178.6	80.1	134.0
Darling	1994	498.1	684.3	1663.7	2300.3	839.5	943.2	1011.8	945.4	887.3	1118.6	766.9	250.6
	1995		549.6	1235.0	1364.2	1286.6	1576.6	1261.3	1355.2	929.2	1039.0	558.8	320.9
	1996	607.1	774.4	1351.8	1949.3	1026.0	1214.1	1431.5	1129.1	859.9	993.4	668.3	517.0
	1997	465.5	615.1	1113.4	1427.2	1351.1	1547.2	1787.8	1494.2	829.2	686.5	586.4	308.5
	1998	377.5		1064.4	1546.5	1396.4	1087.0	2089.1	979.9	1018.4	739.9	560.3	473.1
	1999	495.5	605.0	1362.8	1080.2	1521.7	1753.5	824.8	1071.2	769.2			
	Mean	488.7	645.7	1298.5	1611.3	1236.9	1353.6	1401.1	1162.5	882.2	915.5	628.1	374.0
	STDEV	82.2	86.4	216.1	440.5	254.7	318.1	474.8	217.8	85.9	190.9	89.5	114.7
CV	0.17	0.13	0.17	0.27	0.21	0.24	0.34	0.19	0.10	0.21	0.14	0.31	
Upper 95%	649.9	815.1	1722.0	2474.7	1736.2	1977.2	2331.6	1589.3	1050.5	1289.7	803.5	598.8	
Lower 95%	327.5	476.3	875.0	747.9	737.6	730.0	470.5	735.7	713.9	541.2	452.8	149.2	
E	1994	556.6	805.7	1674.1	2482.5	2320.1	2228.9	2355.0	2317.9	1854.0	1158.0	1047.5	732.3
	1995		1395.4	1845.7	2223.1	2337.2	2533.9	2362.5	2549.8	1721.5	1409.4	1048.2	1093.1
	1996	930.8	1705.7	2144.8	2538.5	2130.3	2365.3	2296.0	2557.8	1501.9	1659.2	1138.8	1047.2
	1997	871.0	1363.4	2341.7	2448.6	2286.0	1757.2	2455.3	2214.4	1491.5	1491.9	1217.0	799.3
	1998	889.4		1997.2	2333.0	3055.5	2381.4	2936.6	2334.0	1952.7	2267.9	1023.0	925.6
	1999	956.0	1048.0	1981.1	2533.3	2691.2	2795.1	2658.2	2096.1	1616.1			
	Mean	840.8	1263.6	1997.4	2426.5	2470.1	2343.6	2510.6	2345.0	1689.6	1597.3	1094.9	919.5
	STDEV	162.3	346.0	231.5	124.7	340.9	346.1	244.3	182.8	188.2	416.2	81.3	154.9
	CV	0.19	0.27	0.12	0.05	0.14	0.15	0.10	0.08	0.11	0.26	0.07	0.17
	Upper 95%	1158.9	1941.9	2451.3	2670.8	3138.2	3022.0	2989.5	2703.3	2058.5	2413.1	1254.2	1223.1
Lower 95%	522.6	585.4	1543.6	2182.2	1801.9	1665.2	2031.7	1986.7	1320.7	781.5	935.6	615.9	
G	1994	1404.6	1290.4	2391.0	4251.2	3346.6	3439.4	3556.4	2952.0	1763.7	2058.6	1486.0	1036.8

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Influence

Legend:		Value eliminated based on incomplete records		Suspect Value									
Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1995		1917.7	3369.5	3637.0	3835.4	3729.7	4735.9	4261.4	2137.9	2766.3	2073.6	1641.8
	1996	1854.1	2187.7	3908.7	4270.3	4140.1	3963.8	4399.6	3113.0	2681.3	2105.9	1545.0	2071.5
	1997	1510.4	2248.8	3622.8	4269.1	3009.3	3212.3	4531.1	3501.5	2929.8	1874.3	1545.3	1469.8
	1998	1397.1		3332.4	3938.5	4244.1	3559.7	4683.0	3577.4	3200.0	2517.2	1940.1	1558.2
	1999	1217.6	1453.9	2991.6	3769.6	3516.5	2888.9	2777.9	2597.2	1733.2			
	Mean	1476.8	1819.7	3269.3	4022.6	3682.0	3465.6	4114.0	3333.8	2407.7	2264.5	1718.0	1555.6
	STDEV	235.7	431.0	528.5	280.8	477.9	380.6	782.6	580.5	619.3	365.9	269.0	370.8
	CV	0.16	0.24	0.16	0.07	0.13	0.11	0.19	0.17	0.26	0.16	0.16	0.24
	Upper 95%	1938.7	2664.5	4305.1	4572.9	4618.6	4211.6	5647.8	4471.6	3621.5	2981.6	2245.2	2282.5
	Lower 95%	1014.8	974.9	2233.6	3472.3	2745.4	2719.7	2580.1	2195.9	1193.8	1547.3	1190.8	828.8
Graeser	1994	122.1	67.2	183.0	298.8	309.2	349.9	412.8	299.7	70.2	83.3	95.3	120.1
	1995		193.0	264.2	433.8	86.9	348.7	230.4	160.7	389.0	142.3	101.2	212.2
	1996	132.0	198.2	309.2	236.3	232.4	426.1	268.5	286.6	177.4	171.4	84.8	201.1
	1997	25.4	283.9	348.3	470.1	158.4	121.6	360.2	170.3	315.5	152.8	112.8	102.8
	1998	175.9		291.0	280.5	395.2	373.1	413.2	364.2	271.8	246.8	99.1	289.5
	1999	38.4	215.4	331.2	168.0	353.3	335.6	376.2	289.0	286.0			
	Mean	98.8	191.5	287.8	314.6	255.9	325.8	343.6	261.8	251.7	159.3	98.6	185.1
	STDEV	64.5	78.4	59.2	116.1	118.6	105.1	76.7	79.8	112.2	59.0	10.1	75.6
	CV	0.65	0.41	0.21	0.37	0.46	0.32	0.22	0.31	0.45	0.37	0.10	0.41
	Upper 95%	225.1	345.3	403.9	542.2	488.4	531.8	493.9	418.2	471.6	274.9	118.5	333.4
Lower 95%	-27.6	37.8	171.7	87.0	23.4	119.9	193.2	105.3	31.7	43.7	78.8	36.9	
I	1994	910.7	1227.8	2454.3	2810.8	2250.3	2285.4	1925.6	2053.5	1024.8	1780.1	980.6	847.4
	1995		1341.8	3502.0	3486.4	2978.2	3440.1	4160.8	3276.4	2248.0	1878.1	1198.1	1608.9
	1996	1409.6	2183.7	3046.4	3618.7	2545.1	2220.6	2749.8	1697.9	2524.5	2048.3	1526.1	1701.6
	1997	1275.8	1857.0	3550.3	3515.1	3111.6	2754.0	2945.7	2640.3	2335.2	1585.6	1562.5	1354.5
	1998	989.9		2627.7	2484.0	2495.6	3011.0	3920.8	2973.1	2233.2	2236.3	1102.8	1234.2
	1999	1039.0	1831.6	2869.7	2640.9	2987.1	2816.4	2744.6	1979.5	1988.0			
	Mean	1125.0	1688.4	3008.4	3092.7	2728.0	2754.6	3074.6	2436.8	2059.0	1905.7	1274.0	1349.3
	STDEV	209.4	395.8	449.4	502.8	344.3	457.1	830.3	622.2	535.5	249.3	258.8	337.9
	CV	0.19	0.23	0.15	0.16	0.13	0.17	0.27	0.26	0.26	0.13	0.20	0.25
	Upper 95%	1535.3	2464.1	3889.3	4078.2	3402.7	3650.5	4702.0	3656.4	3108.5	2394.3	1781.3	2011.6

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Influence

Legend:		= Value eliminated based on incomplete records					= Suspect Value						
Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	Lower 95%	714.7	912.7	2127.5	2107.1	2053.3	1858.6	1447.1	1217.2	1009.4	1417.0	766.7	687.1
J	1994	517.2	536.9	1163.5	1524.7	1265.7	1474.1	1687.3	1025.8	1006.3	920.2	693.0	358.1
	1995		841.7	1528.5	2040.7	1764.9	1660.2	1927.0	1870.2	1535.3	967.8	646.3	829.0
	1996	913.4	1071.0	1917.9	2009.5	1757.2	1797.0	2064.2	1553.6	1564.9	740.7	748.8	816.4
	1997	780.3	1048.4	2359.6	2451.2	2083.0	1735.1	2100.6	2037.0	1121.5	757.4	937.0	776.7
	1998	636.8		1815.9	1880.2	1485.4	1748.8	2930.7	2324.2	1738.7	1198.0	1164.8	515.3
	1999	656.3	983.3	1721.9	1820.6	2082.6	2057.1	1956.4	1599.9	1459.5			
	Mean	700.8	896.3	1751.2	1954.5	1739.8	1745.4	2111.0	1735.1	1404.4	916.8	838.0	659.1
	STDEV	151.1	219.9	399.5	305.1	324.3	190.2	427.0	449.6	281.5	185.8	213.5	211.4
	CV	0.22	0.25	0.23	0.16	0.19	0.11	0.20	0.26	0.20	0.20	0.25	0.32
	Upper 95%	996.9	1327.2	2534.2	2552.4	2375.3	2118.1	2947.9	2616.4	1956.1	1281.0	1256.4	1073.4
Lower 95%	404.7	465.3	968.2	1356.5	1104.3	1372.7	1274.2	853.9	852.6	552.6	419.5	244.8	
Jones	1994	60.8	53.0	108.2	158.4	3.2		68.8					
	1995		45.4	53.8	51.0	47.4	138.2	139.5	54.1				63.6
	1996	40.4	79.0	90.4	106.8		127.4		78.2	68.9	87.2	62.4	81.3
	1997	42.5	47.2	65.9	64.7	112.1	82.2	100.2	56.7		23.6	11.2	73.7
	1998	57.3		106.8	118.8			144.4	92.9	51.7	224.5	81.5	86.6
	1999	28.9	47.3	104.1	101.0	99.2	152.0	121.2	88.8	113.6			
	Mean	46.0	54.4	88.2	100.1	65.5	125.0	114.8	74.1	78.1	111.8	51.7	76.3
	STDEV	13.1	14.1	23.2	38.6	50.1	30.2	31.0	18.0	32.0	102.7	36.4	10.0
	CV	0.28	0.26	0.26	0.39	0.76	0.24	0.27	0.24	0.41	0.92	0.70	0.13
	Upper 95%	71.6	81.9	133.6	175.8	163.6	184.2	175.7	109.3	140.7	313.0	122.9	95.9
Lower 95%	20.4	26.8	42.8	24.4	-32.6	65.7	54.0	39.0	15.4	-89.5	-19.5	56.7	
K	1994	418.7	477.0	1184.7	1832.6	1354.9	1253.8	1365.3	1423.0	1356.7	830.6	548.8	239.4
	1995		866.7	1331.9	1540.3	1271.7	1010.9	1593.3	1435.2	1257.7	801.9	882.5	766.9
	1996	983.6	1096.1	1842.1	1957.8	1521.3	1899.7	1417.7	2071.6	1383.1	1215.1	546.9	1116.9
	1997	322.2	1557.2	1874.6	2554.5	2243.2	1266.2	2907.8	2789.1	1639.8	1198.2	781.5	424.5
	1998	471.9		2114.3	2061.0	1872.9	1636.6	2642.7	2328.4	1804.9	1550.7	491.7	451.0
	1999	320.2	894.5	1954.5	2081.7	2349.1	2246.7	1852.8	2065.4	1438.9			
	Mean	503.3	978.3	1717.0	2004.7	1768.9	1552.3	1963.3	2018.8	1480.2	1119.3	650.3	599.7

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Influence

Legend:		= Value eliminated based on incomplete records					= Suspect Value						
Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	STDEV	276.2	393.6	370.5	334.3	458.8	463.5	657.0	527.2	203.4	310.5	171.2	345.7
	CV	0.55	0.40	0.22	0.17	0.26	0.30	0.33	0.26	0.14	0.28	0.26	0.58
	Upper 95%	1044.7	1749.8	2443.2	2659.9	2668.0	2460.7	3250.9	3052.1	1878.8	1727.8	985.9	1277.3
	Lower 95%	-38.0	206.8	990.8	1349.4	869.7	643.9	675.6	985.5	1081.6	510.8	314.7	-77.9
L	1994	765.3	834.2	1377.8	1858.2	1442.2	919.8	1294.2	1004.9	889.3	761.2	455.9	649.4
	1995		999.6	1444.7	1595.9	1758.5	1328.4	1684.2	1339.9	1411.6	507.7	440.1	785.0
	1996	757.3	1177.2	1627.9	1672.6	1150.9	1178.7	1134.8	1425.2	1089.7	688.9	333.3	510.8
	1997	528.1	1026.3	1557.0	2191.7	1793.1	1428.9	1943.8	1820.3	1173.8	811.2	865.8	600.1
	1998	712.2		1293.7	1547.3	1941.6	1665.6	2049.9	1735.8	1292.7	1020.0	660.2	621.3
	1999	646.5	714.7	1701.3	1614.4	1963.9	1668.2	1979.0	1610.4	1206.9			
	Mean	681.9	950.4	1500.4	1746.7	1675.0	1364.9	1681.0	1489.4	1177.3	757.8	551.1	633.3
	STDEV	98.1	179.4	155.4	243.3	317.6	290.0	385.2	298.7	178.7	186.4	212.0	99.4
	CV	0.14	0.19	0.10	0.14	0.19	0.21	0.23	0.20	0.15	0.25	0.38	0.16
	Upper 95%	874.1	1301.9	1804.9	2223.5	2297.5	1933.4	2436.0	2074.8	1527.6	1123.1	966.6	828.2
	Lower 95%	489.7	598.9	1195.9	1269.8	1052.5	796.4	926.0	904.0	827.0	392.5	135.6	438.5
Lewis	1994	333.5	117.8	475.8	493.7	301.8	476.0	454.9	453.4	254.1	298.7	322.6	153.9
	1995		383.7	696.7	632.9	323.5	333.3	364.7	473.6	344.1	630.0	309.1	285.6
	1996	257.1	173.6	523.1	496.5	415.3	504.7	174.4	324.7	350.4	499.0	306.8	306.4
	1997	169.7	258.9	511.0	486.7	538.3	457.2	361.9	189.9	274.8	469.5	285.8	292.8
	1998	302.9		398.5	465.1	653.5	701.4	399.0	450.5	228.3	341.7	244.0	357.8
	1999	378.7	270.4	624.7	631.9	393.7	202.4	530.8	203.4	388.5			
	Mean	288.4	240.9	538.3	534.5	437.7	445.8	381.0	349.3	306.7	447.8	293.7	279.3
	STDEV	79.8	101.6	106.8	76.7	134.6	168.4	119.6	129.5	63.1	132.1	30.7	75.6
	CV	0.28	0.42	0.20	0.14	0.31	0.38	0.31	0.37	0.21	0.29	0.10	0.27
	Upper 95%	444.8	440.0	747.5	684.7	701.6	775.8	615.4	603.0	430.4	706.7	353.9	427.4
	Lower 95%	132.0	41.8	329.1	384.2	173.8	115.8	146.5	95.5	183.0	188.9	233.4	131.2
M	1994	336.8	494.6	1035.5	1316.4	1133.2	1008.8	911.3	1103.8	702.9	583.2	480.6	216.4
	1995		662.6	1088.0	1122.6	1105.9	1122.0	1143.3	1275.4	856.2	498.8	391.2	715.7
	1996	434.1	781.1	1273.4	1178.2	1143.5	1304.4	1516.0	1225.6	641.7	451.1	509.4	729.2
	1997	402.5	788.0	1562.4	1458.0	1215.6	1280.3	1197.7	1494.1	835.1	739.4	711.5	457.7

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Influence

Legend:		= Value eliminated based on incomplete records				= Suspect Value							
Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1998	617.7		1082.6	1161.8	1188.5	1442.2	1508.2	1319.2	1362.8	991.9	631.0	496.0
	1999	509.8	650.9	1129.6	1064.1	1499.1	1201.9	1346.7	1285.6	1021.5			
	Mean	460.2	675.4	1195.3	1216.9	1214.3	1226.6	1270.5	1284.0	903.4	652.9	544.7	523.0
	STDEV	107.8	119.7	197.4	144.8	145.0	151.3	233.7	127.5	261.0	218.9	126.7	211.3
	CV	0.23	0.18	0.17	0.12	0.12	0.12	0.18	0.10	0.29	0.34	0.23	0.40
	Upper 95%	671.5	910.0	1582.2	1500.6	1498.5	1523.1	1728.6	1533.9	1414.9	1082.0	793.0	937.2
	Lower 95%	248.8	440.8	808.3	933.1	930.1	930.1	812.5	1034.0	391.8	223.8	296.5	108.8
Magnolia	1994	335.8	257.6	827.7	1125.0	955.8	894.6	1177.8	1062.8	894.0	441.4	353.6	370.4
	1995		449.5	950.5	998.5	831.4	1056.9	1024.5	902.2	438.1	301.5	578.5	358.5
	1996	472.1	737.6	798.0	962.3	533.9	629.8	998.3	965.8	588.5	785.1	479.0	500.9
	1997	317.4	411.2	1103.1	778.5	968.6	1443.8	1099.8	1110.1	719.0	502.8	570.4	366.7
	1998	385.9		837.2	890.3	912.2	924.8	878.4	731.3	518.8	506.0	385.7	294.6
	1999	483.4	490.6	819.4	792.0	790.3	874.8	773.8	998.5	575.9			
	Mean	398.9	469.3	889.3	924.4	832.0	970.8	992.1	961.8	622.4	507.4	473.4	378.2
	STDEV	76.3	173.9	117.6	132.0	161.9	270.0	146.8	134.3	161.9	176.0	103.1	75.2
	CV	0.19	0.37	0.13	0.14	0.19	0.28	0.15	0.14	0.26	0.35	0.22	0.20
	Upper 95%	548.5	810.2	1119.9	1183.2	1149.3	1500.0	1279.8	1225.1	939.8	852.3	675.5	525.6
Lower 95%	249.4	128.4	658.8	665.7	514.8	441.5	704.4	698.5	305.0	162.4	271.3	230.8	
Malva	1994	88.6	34.0	98.3	85.8								
	1995										97.1	80.3	45.9
	1996	40.3	68.9	100.1	135.4	97.3	89.8	136.6	18.8	27.4	119.7	69.8	60.0
	1997	46.8	69.8	95.7	94.5	15.6	138.9	78.0	49.5	61.8	37.4	39.4	19.0
	1998	25.2		41.0	23.6	28.4	43.2	40.0	85.8	42.0	125.4	68.7	64.9
	1999	62.9	66.9	100.9	102.5	92.2	35.0	269.1	12.6	39.6			
	Mean	52.8	59.9	87.2	88.4	58.4	76.7	130.9	41.7	42.7	94.9	64.6	47.5
	STDEV	24.2	17.3	25.9	40.8	42.4	48.0	100.3	33.6	14.2	40.2	17.6	20.6
	CV	0.46	0.29	0.30	0.46	0.73	0.63	0.77	0.81	0.33	0.42	0.27	0.43
	Upper 95%	100.1	93.8	138.0	168.3	141.4	170.7	327.6	107.4	70.6	173.8	99.0	87.8
Lower 95%	5.4	26.0	36.4	8.4	-24.7	-17.3	-65.7	-24.1	14.8	16.0	30.1	7.1	
Maple	1994	679.6	946.3	1730.8	2120.5	1123.3	1540.6	1981.2	1172.8	1204.1	1286.9	695.4	597.4

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Influence

Legend:		= Value eliminated based on incomplete records					= Suspect Value						
Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1995		642.8	1705.5	1926.1	1440.4	1623.3	2200.7	1631.3	1204.9	1051.0	1004.4	625.5
	1996	893.2	1014.9	1738.4	2100.8	1560.2	1223.1	1344.1	1238.2	776.3	1091.0	838.6	713.5
	1997	695.5	1161.4	1649.8	2016.7	1198.6	1394.6	1484.7	1064.7	799.1	782.7	717.1	555.9
	1998	685.8		1839.4	1869.2	1755.2	1565.7	2072.3	1644.8	1686.1	1106.8	1005.8	637.7
	1999	1002.2	793.2	1787.0	1983.6	1669.3	1426.6	2101.0	1081.3	1461.6			
	Mean	791.3	911.7	1741.8	2002.8	1457.8	1462.3	1864.0	1305.5	1188.7	1063.7	852.3	626.0
	STDEV	148.0	200.3	65.5	97.7	254.2	145.5	358.0	265.2	359.0	181.3	149.8	58.1
	CV	0.19	0.22	0.04	0.05	0.17	0.10	0.19	0.20	0.30	0.17	0.18	0.09
	Upper 95%	1081.4	1304.4	1870.3	2194.4	1956.0	1747.5	2565.7	1825.3	1892.2	1419.1	1145.9	740.0
	Lower 95%	501.1	519.1	1613.3	1811.3	959.6	1177.2	1162.3	785.7	485.1	708.2	558.6	512.0
Marigold	1994	555.6	354.4	1561.3	1716.2	1255.7							
	1995												
	1996												
	1997												
	1998												
	1999												
	Mean	555.6	354.4	1561.3	1716.2	1255.7							
	STDEV												
	CV												
Mayflower	1994	651.0	576.6	1630.5	1802.5	1716.4							
	1995												
	1996												
	1997												
	1998												
	1999												
	Mean	555.6	354.4	1561.3	1716.2	1255.7							
	STDEV												
	CV												

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Influence









Legend:			= Value eliminated based on incomplete records						= Suspect Value				
Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mesquite	1994	2078.0	1875.3	4395.8	6594.7	5095.9	5120.2	6041.0	5382.1	4708.6	4185.9	2472.8	1730.2
	1995		2197.4	5532.6	5724.2	5584.0	5997.8	6997.2	5388.0	4674.9	3269.5	2926.2	1815.1
	1996	2607.9	2564.7	5168.9	6857.8	4972.8	5304.5	5711.5	5026.5	4493.3	3828.6	3132.3	2166.2
	1997	2081.6	3502.7	5233.2	6291.8	5556.5	5330.3	6395.7	5607.9	3567.2	3332.0	3046.2	1581.2
	1998	1990.2		5651.2	5853.6	5729.8	4770.0	5778.6	4845.3	3879.6	4162.2	2725.3	2333.3
	1999	2497.9	3123.8	5068.0	5181.2	6132.3	5481.9	5941.7	4935.3	3937.4			
	Mean	2251.1	2652.8	5175.0	6083.9	5511.9	5334.1	6144.3	5197.5	4210.2	3755.6	2860.6	1925.2
	STDEV	280.6	664.0	442.0	616.5	425.0	406.7	482.4	303.6	477.8	439.2	265.2	313.5
	CV	0.12	0.25	0.09	0.10	0.08	0.08	0.08	0.06	0.11	0.12	0.09	0.16
	Upper 95%	2801.1	3954.3	6041.2	7292.2	6344.9	6131.3	7089.7	5792.6	5146.7	4616.4	3380.3	2539.6
	Lower 95%	1701.1	1351.2	4308.7	4875.5	4678.8	4536.9	5198.8	4602.5	3273.6	2894.8	2340.8	1310.8
Moorehead	1994	135.1	131.7	157.6	352.9	78.6	98.5	302.5	11.9	221.0	118.1	91.2	39.0
	1995		121.3	312.9	273.1	204.2	113.6	231.7	261.0	182.4	116.4	86.1	146.8
	1996	71.4	140.4	194.9	177.2	68.8	195.1	89.6	221.5	128.8	93.6	68.5	87.2
	1997	20.3	42.8	177.7	123.9	189.7	304.5	287.9	282.0	178.5	191.8	34.9	31.8
	1998	92.9		109.1	190.7	251.7	293.4	447.9	419.4	311.2	144.4	14.1	161.7
	1999	86.2	92.2	158.4	157.8	300.5	310.6	312.5	351.9	297.5			
	Mean	81.2	105.7	185.1	212.6	182.3	219.3	278.7	258.0	219.9	132.9	59.0	93.3
	STDEV	41.4	39.6	68.9	84.8	92.7	97.4	117.0	139.5	71.8	37.5	33.4	59.8
	CV	0.51	0.37	0.37	0.40	0.51	0.44	0.42	0.54	0.33	0.28	0.57	0.64
	Upper 95%	162.4	183.2	320.1	378.8	363.9	410.2	507.9	531.4	360.6	206.4	124.4	210.5
	Lower 95%	-0.1	28.1	50.1	46.4	0.6	28.4	49.5	-15.5	79.2	59.3	-6.5	-23.9
Moss	1994	434.6	496.3	983.2	1141.8	1199.0	1237.2	1271.2	1075.3	789.7	617.6	591.5	387.6
	1995		731.9	1475.4	1161.9	1135.0	1077.3	1435.3	1308.1	351.4	887.9	682.6	312.9
	1996	511.9	941.8	1271.1	1560.6	963.7	1068.3	1244.6	1259.9	792.3	836.5	835.3	439.7
	1997	465.7	726.3	1260.5	1375.3	870.2	1141.1	1631.6	1100.0	688.5	742.6	485.3	422.4
	1998	657.0		1130.6	1396.5	942.5	863.6	1297.7	1065.4	1078.1	874.8	672.9	484.6
	1999	583.2	833.5	1311.0	1296.3	1273.8	1311.2	1277.8	723.9	1056.9			
	Mean	530.5	746.0	1238.6	1322.1	1064.0	1116.5	1359.7	1088.8	792.8	791.9	653.5	409.4

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Influence

Legend:													
		= Value eliminated based on incomplete records							= Suspect Value				
Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	STDEV	90.2	165.0	167.2	157.5	161.0	155.5	149.2	205.6	267.2	112.8	128.9	64.3
	CV	0.17	0.22	0.13	0.12	0.15	0.14	0.11	0.19	0.34	0.14	0.20	0.16
	Upper 95%	707.2	1069.4	1566.3	1630.8	1379.7	1421.2	1652.1	1491.8	1316.4	1013.0	906.1	535.4
	Lower 95%	353.7	422.5	911.0	1013.3	748.4	811.7	1067.3	685.8	269.2	570.8	401.0	283.4
Mulberry	1994	737.4	603.4	1710.5	2006.8	1745.5	2204.1						
	1995										1620.4	1188.1	775.0
	1996	945.9	1427.5	2090.0	2615.5	1735.2	1747.7	2068.0	1360.3	1775.9	1276.9	1318.1	821.0
	1997	871.6	1378.6	2033.1	2207.3	1726.0	1532.1	1950.1	1525.8	1839.1	1584.6	1097.7	611.3
	1998	899.9		1901.8	1974.5	1724.4	2161.1	1813.6	1929.6	2046.5	1408.0	1154.2	883.1
	1999	1069.6	993.8	1763.1	1925.0	1882.2	2159.5	2270.3	1542.9	1640.7			
	Mean	904.9	1100.8	1899.7	2145.8	1762.7	1960.9	2025.5	1589.7	1825.6	1472.5	1189.5	772.6
	STDEV	120.4	384.2	164.7	283.6	67.4	303.3	193.5	241.1	169.0	160.1	93.5	116.3
	CV	0.13	0.35	0.09	0.13	0.04	0.15	0.10	0.15	0.09	0.11	0.08	0.15
	Upper 95%	1140.9	1853.8	2222.5	2701.8	1894.7	2555.4	2404.7	2062.3	2156.7	1786.2	1372.7	1000.5
Lower 95%	668.9	347.9	1576.9	1589.9	1630.6	1366.4	1646.3	1117.0	1494.4	1158.8	1006.3	544.7	
Mullen	1994	778.9	564.8	1459.3	1808.4	1486.0	1859.7	1890.1	1164.4	985.6	1512.9	717.6	595.4
	1995		604.7	1966.9	2010.2	1631.4	1593.9	1882.7	1279.9	1154.8	1082.4	712.6	897.3
	1996	702.5	1037.9	1450.3	1728.2	1235.7	1246.0	2061.5	1403.7	1280.1	1469.3	722.0	821.4
	1997	618.4	1010.8	1627.7	1957.9	1578.7	1751.5	1731.2	1764.1	1430.1	1022.2	723.5	498.0
	1998	602.6		1485.2	1616.2	1795.0	1775.0	2265.0	1829.8	1009.5	845.6	1104.3	889.8
	1999	526.0	992.4	1601.6	1603.5	1795.5	1790.8	1667.3	1713.7	1148.8			
	Mean	645.7	842.1	1598.5	1787.4	1587.1	1669.5	1916.3	1525.9	1168.2	1186.5	796.0	740.4
	STDEV	97.3	235.9	195.3	170.8	210.9	225.3	219.4	279.5	167.5	291.8	172.4	182.5
	CV	0.15	0.28	0.12	0.10	0.13	0.13	0.11	0.18	0.14	0.25	0.22	0.25
	Upper 95%	836.5	1304.5	1981.3	2122.1	2000.4	2111.1	2346.4	2073.7	1496.4	1758.4	1133.9	1098.2
Lower 95%	454.9	379.7	1215.7	1452.7	1173.7	1227.9	1486.2	978.2	839.9	614.6	458.1	382.6	
Munyon	1994	707.2	610.7	1220.1	1823.0	1011.2	1125.1	1480.0	989.2	1141.8	957.9	757.9	387.5
	1995		728.8	1388.1	1499.1	1138.7	1285.4	1507.1	966.2	916.8	698.7	971.2	466.4
	1996	689.2	773.9	1344.3	1680.6	905.4	1339.2	1395.3	1085.9	1232.7	728.1	772.3	539.0
	1997	665.6	869.7	1297.2	1732.8	1332.0	1245.4	1480.9	1049.2	962.2	811.5	734.8	529.4

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Influence

Legend:		= Value eliminated based on incomplete records					= Suspect Value						
Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1998	659.8		1263.6	1460.6	1197.8	1497.4	1989.0	1529.8	708.5	611.9	785.2	393.4
	1999	876.4	425.0	1322.6	1143.3	1037.8	1506.0	1594.7	1368.9	942.7			
	Mean	719.6	681.6	1306.0	1556.6	1103.8	1333.1	1574.5	1164.9	984.1	761.6	804.3	463.1
	STDEV	89.7	171.0	59.6	245.2	151.3	148.4	212.9	230.1	184.0	130.9	95.2	72.0
	CV	0.12	0.25	0.05	0.16	0.14	0.11	0.14	0.20	0.19	0.17	0.12	0.16
	Upper 95%	895.4	1016.8	1422.7	2037.3	1400.3	1624.0	1991.7	1615.9	1344.8	1018.1	990.8	604.3
	Lower 95%	543.9	346.4	1189.2	1075.9	807.3	1042.2	1157.3	713.9	623.4	505.1	617.8	322.0
Myrtle	1994	532.7	371.9	1063.8	1030.9	1100.7	1074.5	1843.3	1071.1	774.4	761.7	382.9	424.9
	1995		474.7	1227.3	1291.5	1395.9	1512.5	1310.6	1223.9	1242.9	481.2	810.9	439.6
	1996	512.2	834.9	1084.8	1133.5	1363.3	1065.6	1533.8	1153.2	906.5	889.8	658.4	306.2
	1997	573.0	744.0	1183.9	1409.1	1232.6	1059.8	1501.5	1138.3	922.7	738.2	585.5	179.0
	1998	578.1		1286.6	1276.9	1213.7	1347.7	1354.4	1104.8	827.4	785.5	638.1	528.4
	1999	591.8	565.6	1258.0	1262.0	1074.2	1426.3	1142.3	891.4	1018.5			
	Mean	557.6	598.2	1184.1	1234.0	1230.1	1247.7	1447.7	1097.1	948.7	731.3	615.2	375.6
	STDEV	33.6	190.3	91.8	132.6	131.6	205.2	239.8	113.1	166.7	151.3	154.5	135.4
CV	0.06	0.32	0.08	0.11	0.11	0.16	0.17	0.10	0.18	0.21	0.25	0.36	
Upper 95%	623.4	971.1	1364.1	1493.9	1487.9	1649.9	1917.7	1318.8	1275.5	1027.9	918.1	641.0	
Lower 95%	491.8	225.3	1004.1	974.0	972.2	845.6	977.6	875.4	622.0	434.7	312.3	110.2	
N	1994	475.4	422.5	845.2	1157.3	1015.0	860.0	1388.7	1220.8	943.7	807.8	462.3	389.0
	1995		553.0	1320.6	1458.8	1396.0	1083.5	1145.2	1489.9	1021.4	683.1	679.1	535.8
	1996	485.3	983.4	1168.5	1466.6	1132.7	856.5	1178.7	1221.6	811.3	776.0	522.9	693.9
	1997	430.2	633.7	1311.2	1651.8	1271.9	1106.3	1097.9	1203.8	661.3	990.1	664.4	488.4
	1998	542.2		1100.5	1219.9	1059.0	746.5	1104.4	1198.3	1100.5	991.1	419.0	565.4
	1999	494.3	479.4	1080.4	1510.9	1106.2	1309.0	823.5	666.4	711.9			
	Mean	485.5	614.4	1137.7	1410.9	1163.5	993.6	1123.1	1166.8	875.0	849.6	549.5	534.5
	STDEV	40.2	221.0	175.9	186.7	143.5	208.8	181.6	269.5	175.1	136.6	117.6	111.4
CV	0.08	0.36	0.15	0.13	0.12	0.21	0.16	0.23	0.20	0.16	0.21	0.21	
Upper 95%	564.2	1047.5	1482.5	1776.8	1444.8	1402.9	1479.0	1695.0	1218.2	1117.4	780.1	752.9	
Lower 95%	406.8	181.3	792.9	1045.0	882.1	584.4	767.2	638.6	531.8	581.9	319.0	316.1	
Narcissus	1994	324.0	570.7	1614.0	1735.8	1617.1	1828.0						

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Influence

Legend:		= Value eliminated based on incomplete records					= Suspect Value						
Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1995												
	1996												
	1997												
	1998												
	1999												
	Mean	324.0	570.7	1614.0	1735.8	1617.1	1828.0						
	STDEV												
	CV												
Nectarine	1994	653.4	549.4	1670.5	1909.3								
	1995										885.7	811.9	771.6
	1996	1281.0	1018.3	1887.4	1981.0	1021.9	1633.9	2067.7	1084.1	1012.1	940.7	1040.4	895.0
	1997	775.3	1283.6	1680.3	1763.6	1207.5	1333.4	1601.6	1119.1	1426.0	1510.2	833.5	672.0
	1998	895.4		1802.3	1791.9	1434.6	1337.4	2139.4	1355.0	1864.2	1029.1	778.8	552.1
	1999	995.5	1012.2	1690.6	1702.3	1832.7	2016.5	1791.9	1914.6	1360.5			
	Mean	920.1	965.9	1746.2	1829.6	1374.2	1580.3	1900.2	1368.2	1415.7	1091.4	866.2	722.7
	STDEV	239.1	305.1	95.2	113.2	349.2	323.1	249.1	383.6	349.9	285.4	118.3	145.8
	CV	0.26	0.32	0.05	0.06	0.25	0.20	0.13	0.28	0.25	0.26	0.14	0.20
	Upper 95%	1388.7	1563.9	1932.8	2051.5	2058.6	2213.5	2388.4	2120.1	2101.4	1650.7	1098.1	1008.4
	Lower 95%	451.5	367.8	1559.6	1607.7	689.8	947.1	1411.9	616.3	730.0	532.1	634.2	437.0
Nettle	1994	724.3	775.9	1517.5	2242.9	1807.2	1880.6	1957.0					
	1995										893.6	981.5	677.7
	1996	692.8	1281.0	1931.2	2384.6	1618.5	1307.0	1830.1	965.5	996.7	577.0	669.5	807.6
	1997	899.3	1107.6	1932.8	2087.3	1380.7	1318.0	1937.8	1435.1	1525.7	1228.6	744.4	808.9
	1998	696.1		1972.2	1907.1	2386.4	2063.3	1857.5	1952.3	1576.7	1002.1	994.8	671.9
	1999	747.5	820.6	1888.3	2070.3	1674.9	1418.9	1823.4	1866.4	1586.1			
	Mean	752.0	996.3	1848.4	2138.4	1773.5	1597.6	1881.2	1554.8	1421.3	925.3	847.6	741.5
	STDEV	85.3	240.1	187.3	181.9	375.8	350.5	62.2	453.4	284.3	270.9	165.3	77.1
	CV	0.11	0.24	0.10	0.09	0.21	0.22	0.03	0.29	0.20	0.29	0.20	0.10
	Upper 95%	919.2	1466.8	2215.6	2494.9	2510.1	2284.6	2003.0	2443.5	1978.5	1456.3	1171.5	892.6

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Influence



Legend:  = Value eliminated based on incomplete records  = Suspect Value													
Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	Lower 95%	584.8	525.8	1481.2	1782.0	1037.0	910.5	1759.3	666.2	864.1	394.3	523.6	590.4
Ninth St.	1994	81.7	164.2	260.9	331.7	156.2	113.0	99.6	253.3	21.6	227.5	205.3	44.3
	1995		114.8	236.4	355.5	247.7	325.7	250.1	225.5	111.1	146.1	124.1	104.6
	1996	64.0	107.8	210.1	293.9	217.1	221.5	259.2	331.5	161.6	63.1	223.8	57.3
	1997	140.5	83.3	224.7	249.9	211.8	216.2	225.0	193.0	102.4	187.4	106.8	62.8
	1998	117.2		184.1	317.6	285.1	188.0	323.3	121.0	252.9	137.0	197.0	84.7
	1999	104.6	126.3	249.9	256.9	217.0	258.2	201.2	164.9	176.0			
	Mean	101.6	119.3	227.7	300.9	222.5	220.4	226.4	214.9	137.6	152.2	171.4	70.7
	STDEV	29.9	29.6	27.9	41.9	42.7	70.9	74.5	73.5	78.4	61.5	52.3	23.9
	CV	0.29	0.25	0.12	0.14	0.19	0.32	0.33	0.34	0.57	0.40	0.31	0.34
	Upper 95%	160.2	177.4	282.4	383.1	306.2	359.4	372.4	358.8	291.3	272.7	274.0	117.6
Lower 95%	43.0	61.2	173.0	218.7	138.8	81.5	80.4	70.9	-16.1	31.7	68.8	23.9	
Nutmeg	1994	1006.3	494.6	1606.6	1980.0								
	1995										1480.4	644.7	779.3
	1996	761.5	1132.0	1722.1	2399.9	1854.1	1595.8	1537.8	1255.8	1492.9	924.3	741.7	888.3
	1997	628.2	1271.1	1809.7	1954.4	1815.6	1085.2	1889.3	1171.0	1037.2	1290.0	785.1	339.5
	1998	893.6		1936.6	2114.0	1904.6	2232.1	2521.2	1970.6	1983.0	1197.7	829.6	438.8
	1999	926.2	1064.9	1913.3	1662.8	1829.6	1939.4	1738.3	2140.5	1934.7			
	Mean	843.2	990.7	1797.7	2022.2	1851.0	1713.1	1921.7	1634.5	1612.0	1223.1	750.3	611.5
	STDEV	149.1	341.7	137.0	267.7	39.1	492.8	424.8	492.4	442.1	231.4	79.0	263.7
	CV	0.18	0.34	0.08	0.13	0.02	0.29	0.22	0.30	0.27	0.19	0.11	0.43
	Upper 95%	1135.4	1660.3	2066.1	2546.9	1927.7	2679.0	2754.3	2599.5	2478.5	1676.6	905.1	1128.3
Lower 95%	550.9	321.0	1529.2	1497.5	1774.3	747.2	1089.0	669.5	745.4	769.6	595.4	94.7	
Oak	1994	709.5	524.6	958.7	1403.6	1295.5	1277.6	1269.4	1144.8	764.9	685.0	825.2	521.6
	1995		805.7	1543.6	1528.3	1195.6	1368.8	1471.4	1033.1	762.9	643.5	956.9	398.0
	1996	737.1	844.8	1368.3	1543.0	968.6	1517.1	1315.8	1623.7	927.0	544.2	922.3	422.2
	1997	557.7	901.8	1178.4	1437.6	895.2	1496.0	1715.2	1351.5	1108.8	667.5	793.6	316.2
	1998	623.8		1279.0	1210.5	1197.7	992.4	1560.5	1276.0	1221.2	496.0	638.7	692.4
	1999	811.2	708.5	1346.1	1148.7	897.8	1478.1	812.7	844.0	897.9			
	Mean	687.9	757.1	1279.0	1378.6	1075.1	1355.0	1357.5	1212.2	947.1	607.2	827.3	470.1

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Influence

Legend:		= Value eliminated based on incomplete records					= Suspect Value						
Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	STDEV	98.9	147.8	197.6	164.1	175.1	199.5	312.6	270.2	185.1	82.7	125.0	144.3
	CV	0.14	0.20	0.15	0.12	0.16	0.15	0.23	0.22	0.20	0.14	0.15	0.31
	Upper 95%	881.8	1046.8	1666.3	1700.3	1418.2	1746.0	1970.1	1741.7	1309.8	769.3	1072.4	752.8
	Lower 95%	494.0	467.3	891.7	1057.0	731.9	964.0	744.9	682.6	584.4	445.2	582.3	187.3
Oasis	1994												
	1995							732.7	455.2	626.3	409.4	423.3	173.7
	1996	448.3	267.0	670.1	699.0	681.0	669.4	576.8	355.6	461.4	414.9	445.3	289.9
	1997	253.0	386.0	558.0	594.1	686.8	691.0	793.8	560.8	414.0	373.9	250.9	302.8
	1998	229.9		538.3	718.4	607.4	603.0	515.6	333.9	455.2	431.9	481.2	197.0
	1999	392.3	276.6	566.6	620.2	625.2	436.7	438.8	384.8	439.8			
	Mean	330.9	309.9	583.2	657.9	650.1	600.1	611.6	418.1	479.3	407.5	400.2	240.9
	STDEV	106.2	66.2	59.1	60.1	39.8	115.2	148.4	92.0	84.2	24.4	102.3	65.0
	CV	0.32	0.21	0.10	0.09	0.06	0.19	0.24	0.22	0.18	0.06	0.26	0.27
	Upper 95%	538.9	439.5	699.1	775.8	728.0	825.7	902.5	598.4	644.3	455.3	600.7	368.2
	Lower 95%	122.8	180.2	467.4	540.1	572.2	374.4	320.6	237.8	314.4	359.8	199.6	113.5
Oat	1994												
	1995							685.6	733.8	424.3	497.7	373.8	263.9
	1996	185.4	408.9	509.7	673.1	733.3	543.8	620.2	477.7	412.4	583.1	363.0	322.1
	1997	153.1	448.9	578.1	738.7	742.1	581.1	631.9	468.0	521.9	485.2	269.5	283.3
	1998	291.8		580.8	640.5	809.0	653.9	664.5	468.3	440.7	516.5	357.0	268.5
	1999	252.8	301.2	598.6	598.0	651.5	638.5	698.0	455.5	541.2			
	Mean	220.8	386.3	566.8	662.6	734.0	604.3	660.1	520.7	468.1	520.6	340.8	284.5
	STDEV	63.0	76.4	39.1	59.4	64.5	51.1	33.5	119.4	59.2	43.6	48.0	26.4
	CV	0.29	0.20	0.07	0.09	0.09	0.08	0.05	0.23	0.13	0.08	0.14	0.09
	Upper 95%	344.2	536.1	643.5	778.9	860.4	704.4	725.8	754.7	584.0	606.0	435.0	336.3
	Lower 95%	97.4	236.6	490.1	546.2	607.5	504.2	594.4	286.6	352.1	435.2	246.7	232.6
Occident	1994	228.8	297.1	596.0	770.0	875.4	903.7	884.8	718.5	718.0	492.6	270.8	276.0
	1995		260.4	751.2	611.2	781.7	882.6	806.1	660.6	636.9	435.0	400.1	239.6
	1996	386.3	327.7	675.0	714.8	713.7	637.7	662.3	642.2	411.5	614.4	475.2	262.5
	1997	308.2	468.7	597.6	871.8	760.3	752.8	736.3	834.8	529.9	659.4	376.3	264.7

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Influence

Legend:		= Value eliminated based on incomplete records					= Suspect Value						
Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1998	306.2		675.4	702.1	824.7	747.3	751.2	478.8	491.3	700.8	359.1	359.6
	1999	373.6	332.1	576.0	680.3	695.0	682.3	514.8	483.1	617.8			
	Mean	320.6	337.2	645.2	725.0	775.1	767.7	725.9	636.3	567.6	580.4	376.3	280.5
	STDEV	63.1	78.9	67.1	88.5	67.8	106.3	127.3	137.9	111.0	112.6	73.8	46.1
	CV	0.20	0.23	0.10	0.12	0.09	0.14	0.18	0.22	0.20	0.19	0.20	0.16
	Upper 95%	444.3	491.9	776.7	898.5	907.9	976.1	975.4	906.6	785.0	801.2	520.9	370.9
	Lower 95%	196.9	182.5	513.7	551.6	642.3	559.4	476.4	366.1	350.1	359.6	231.7	190.0
Ohmar	1994	803.9	854.2	1520.4	2091.2	1879.9	1730.4	2191.3	1410.6	1568.7	1349.2	1068.6	656.1
	1995		783.8	1790.4	1801.0	1759.5	1739.2	1752.4	1499.7	1373.8	1397.7	1336.7	675.7
	1996	1127.2	1368.5	2058.4	2398.0	1455.4	1516.2	1242.4	1426.0	1332.9	1362.8	1115.4	737.9
	1997	707.6	1078.2	1440.3	1437.6	1780.4	1761.3	1940.8	1882.1	1195.6	1132.1	999.0	836.7
	1998	684.8		1461.7	1754.0	2061.2	2122.0	1991.6	1698.7	1408.9	1445.3	781.4	925.3
	1999	976.7	923.4	1738.8	1924.4	1550.1	1722.2	1479.3	1641.0	1267.7			
	Mean	860.0	1001.6	1668.3	1901.0	1747.8	1765.2	1766.3	1593.0	1357.9	1337.4	1060.2	766.3
	STDEV	188.5	232.3	240.2	325.6	219.8	196.5	351.8	182.7	128.4	120.6	200.7	113.4
CV	0.22	0.23	0.14	0.17	0.13	0.11	0.20	0.11	0.09	0.09	0.19	0.15	
Upper 95%	1229.4	1456.8	2139.2	2539.2	2178.5	2150.4	2455.9	1951.1	1609.5	1573.9	1453.5	988.5	
Lower 95%	490.6	546.4	1197.4	1262.9	1317.0	1380.1	1076.7	1234.9	1106.3	1101.0	666.9	544.2	
Oleander	1994	713.0	716.1	1441.7	2153.7	1417.1	1790.9	1545.7	1952.5	1382.2	1438.0	957.1	658.8
	1995		940.7	1697.2	1847.9	1554.2	1908.4	1985.4	1926.5	1243.2	1165.7	1072.6	608.7
	1996	851.2	918.2	1575.4	1948.6	1771.3	1602.3	1720.6	1298.6	1062.9	980.0	1270.9	748.8
	1997	700.0	1023.3	1623.8	1862.5	1507.1	1501.6	2050.5	1466.8	1074.6	967.9	1007.7	604.0
	1998	765.3		1672.1	1761.9	1901.5	1543.3	2069.9	1288.2	1120.9	1290.2	846.6	749.3
	1999	807.0	933.1	1654.4	1551.5	1631.8	1828.0	2047.8	1590.8	1701.0			
	Mean	767.3	906.3	1610.8	1854.4	1630.5	1695.8	1903.3	1587.2	1264.1	1168.4	1031.0	673.9
	STDEV	63.4	113.9	92.9	199.4	178.8	168.2	218.3	295.2	245.8	202.0	157.6	71.9
CV	0.08	0.13	0.06	0.11	0.11	0.10	0.11	0.19	0.19	0.17	0.15	0.11	
Upper 95%	891.6	1129.6	1792.8	2245.2	1981.0	2025.4	2331.2	2165.9	1746.0	1564.3	1339.8	814.8	
Lower 95%	643.0	683.0	1428.7	1463.5	1280.0	1366.1	1475.4	1008.6	782.3	772.4	722.2	533.1	
Olive	1994	1035.1	647.0	1324.7	1867.8	1908.3	1927.3	2053.8	2139.6	1491.4	1247.3	1500.8	480.4

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Influence








Legend:			= Value eliminated based on incomplete records					= Suspect Value					
Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1995		867.2	1695.2	2042.9	2362.0	2534.8	2854.3	2220.5	1420.6	1330.2	1227.9	607.9
	1996	1169.4	1200.6	1579.0	2173.4	1979.4	2107.3	2643.9	2071.8	1584.5	1418.2	1471.1	1146.5
	1997	1080.3	1168.2	2194.4	2373.4	2085.3	2126.8	2030.8	1538.5	1218.3	910.3	840.9	494.3
	1998	1614.4		1164.9	2311.0	2138.3	1633.1	1838.6	2197.7	1217.7	1869.5	847.8	1066.9
	1999	1813.5	1455.0	1493.6	1911.3	2592.5	1735.9	1328.8	1699.9	1115.8			
	Mean	1342.5	1067.6	1575.3	2113.3	2177.6	2010.9	2125.0	1978.0	1341.4	1355.1	1177.7	759.2
	STDEV	349.6	314.2	356.5	208.0	256.1	323.3	553.4	287.2	184.0	345.9	322.2	322.3
	CV	0.26	0.29	0.23	0.10	0.12	0.16	0.26	0.15	0.14	0.26	0.27	0.42
	Upper 95%	2027.8	1683.5	2274.1	2521.0	2679.6	2644.5	3209.6	2541.0	1702.0	2033.1	1809.2	1390.9
	Lower 95%	657.3	451.7	876.5	1705.6	1675.6	1377.2	1040.4	1415.0	980.8	677.1	546.2	127.5
Orange	1994	730.0	605.6	1818.0	1753.5	1576.4	1473.7	1919.5	1547.3	966.0	1138.0	886.2	471.4
	1995		557.6	1638.9	1667.1	1550.2	1528.8	1771.7	1819.6	1241.8	844.9	870.6	487.3
	1996	670.1	879.5	1207.2	1791.7	2061.1	1647.3	1648.1	1361.0	1039.6	936.6	874.4	541.9
	1997	657.4	824.6	1353.6	1435.3	1552.6	1277.1	1492.6	1016.3	788.4	671.1	1127.7	283.3
	1998	476.7		439.8	1483.9	2105.5	1383.6	1174.8	1892.0	1039.1	1093.7	1125.0	737.5
	1999	429.3	977.3	1259.1	1505.7	1421.3	1288.5	833.6	1008.8	1413.2			
	Mean	592.7	768.9	1286.1	1606.2	1711.2	1433.2	1473.4	1440.8	1081.4	936.9	976.8	504.3
	STDEV	131.5	180.3	476.5	151.1	293.7	144.5	404.3	382.5	218.4	189.8	136.7	162.8
	CV	0.22	0.23	0.37	0.09	0.17	0.10	0.27	0.27	0.20	0.20	0.14	0.32
	Upper 95%	850.5	1122.4	2220.0	1902.3	2286.8	1716.4	2265.9	2190.6	1509.4	1308.9	1244.6	823.4
Lower 95%	334.9	415.5	352.2	1310.1	1135.6	1150.0	680.9	691.1	653.3	564.8	708.9	185.2	
Orient	1994												
	1995							938.2	637.3	668.9	549.1	441.8	255.4
	1996	312.0	405.8	596.0	804.7	874.6	608.5	717.2	515.4	488.2	629.1	429.0	386.2
	1997	277.9	402.4	640.4	724.2	843.1	798.0	633.8	626.3	444.1	510.6	536.9	219.7
	1998	381.1		522.2	696.2	792.6	766.8	600.5	563.4	405.2	693.6	467.7	316.4
	1999	338.6	334.0	433.6	677.5	646.5	487.2	398.9	418.7	561.1			
	Mean	327.4	380.7	548.1	725.6	789.2	665.1	657.7	552.2	513.5	595.6	468.8	294.5
	STDEV	43.6	40.5	90.5	56.1	101.0	144.8	195.6	89.5	104.4	81.9	48.1	73.1
	CV	0.13	0.11	0.17	0.08	0.13	0.22	0.30	0.16	0.20	0.14	0.10	0.25
	Upper 95%	412.8	460.1	725.6	835.6	987.1	948.8	1041.2	727.6	718.1	756.1	563.2	437.7

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Influence









Legend:  = Value eliminated based on incomplete records  = Suspect Value														
Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
	Lower 95%	242.0	301.3	370.6	615.7	591.3	381.4	274.3	376.8	308.9	435.1	374.5	151.3	
Orita	1994	832.8	741.9	1423.5	2061.2	1203.3	894.5	1368.6	1181.6	898.3	1118.2	805.7	461.4	
	1995		596.9	1519.6	1701.3	1409.8	1409.0	1218.9	1278.8	1197.4	729.1	922.1	424.4	
	1996	725.0	981.3	1412.8	1942.7	1249.0	1240.0	1642.9	1277.0	1471.4	622.3	898.5	542.2	
	1997	541.5	1129.9	1350.6	1527.3	1675.8	1671.5	1740.2	1556.3	1077.2	834.1	835.9	446.8	
	1998	679.7		1480.6	1761.2	1409.6	993.8	1788.1	1133.3	1515.0	1168.5	863.9	781.9	
	1999	698.6	841.9	1443.0	1731.5	1642.4	1707.3	1195.7	1177.1	1137.1				
	Mean	695.5	858.4	1438.4	1787.5	1431.7	1319.4	1492.4	1267.4	1216.1	894.4	865.2	531.3	
	STDEV	104.5	206.8	58.3	188.7	195.2	339.2	264.4	153.1	237.2	239.9	46.8	146.9	
	CV	0.15	0.24	0.04	0.11	0.14	0.26	0.18	0.12	0.20	0.27	0.05	0.28	
	Upper 95%	900.4	1263.7	1552.6	2157.3	1814.2	1984.2	2010.7	1567.4	1681.0	1364.7	956.9	819.4	
Lower 95%	490.7	453.1	1324.1	1417.8	1049.1	654.5	974.1	967.3	751.1	424.2	773.6	243.3		
Osage	1994	710.0	735.1	1523.1	1934.7	968.4	1135.8	962.2	1010.3	865.6	871.6	1106.0	354.7	
	1995		870.6	1748.3	1494.3	1071.3	1559.1	1674.5	1635.7	1002.0	1016.4	813.4	509.1	
	1996	960.9	1071.9	1761.8	2231.0	1414.3	1732.5	1660.1	1495.4	1087.9	666.7	849.5	750.3	
	1997	424.3	1019.1	1431.8	1457.0	1294.4	1470.1	2144.5	1155.5	1374.5	943.6	608.4	303.4	
	1998	676.7		1484.2	1299.4	1056.5	1127.5	1047.0	1035.2	935.6	914.4	924.9	820.3	
	1999	758.7	793.8	1528.5	1363.1	1327.0	1406.9	1099.3	943.2	1032.9				
	Mean	706.1	898.1	1579.6	1629.9	1188.7	1405.3	1431.3	1212.6	1049.8	882.5	860.4	547.6	
	STDEV	192.3	144.1	140.3	369.6	179.4	238.6	468.6	285.4	176.9	131.7	180.5	231.2	
	CV	0.27	0.16	0.09	0.23	0.15	0.17	0.33	0.24	0.17	0.15	0.21	0.42	
	Upper 95%	1083.1	1180.5	1854.6	2354.3	1540.3	1873.0	2349.8	1771.9	1396.4	1140.7	1214.2	1000.7	
Lower 95%	329.1	615.7	1304.6	905.6	837.0	937.6	512.7	653.2	703.1	624.4	506.7	94.4		
Oxalis	1994	723.4	546.5	1505.0	1866.6	1663.7	1645.3	1783.7	1632.9	1330.3	1140.6	1327.3	204.5	
	1995		707.9	2058.4	2017.4	1414.9	2118.7	1727.1	1746.2	1285.1	1259.6	947.0	751.1	
	1996	511.0	928.5	1481.5	1719.5	1925.7	1848.5	1859.4	1669.6	1400.9	1308.4	931.2	960.6	
	1997	491.6	1116.1	1494.9	2186.7	1883.9	1592.4	1910.0	1866.7	1382.5	1254.2	1141.1	708.5	
	1998	779.2		1491.0	1656.3	2181.1	1752.5	1786.5	1965.1	999.6	1222.0	1459.8	1103.2	
	1999	721.2	1186.9	1546.7	1536.3	1953.3	2099.3	1024.8	1290.8	997.4				
	Mean	645.3	897.2	1596.3	1830.5	1837.1	1842.8	1681.9	1695.2	1232.6	1237.0	1161.3	745.6	

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Influence

Legend:		= Value eliminated based on incomplete records					= Suspect Value						
Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	STDEV	133.7	270.0	227.5	241.8	264.7	224.4	328.2	233.6	185.9	62.1	232.3	342.2
	CV	0.21	0.30	0.14	0.13	0.14	0.12	0.20	0.14	0.15	0.05	0.20	0.46
	Upper 95%	907.2	1426.4	2042.2	2304.4	2355.8	2282.6	2325.2	2153.1	1596.9	1358.7	1616.7	1416.2
	Lower 95%	383.3	367.9	1150.3	1356.5	1318.4	1402.9	1038.6	1237.3	868.4	1115.3	705.9	74.9
Palm	1994												
	1995							1781.9	1553.8	1160.4	1448.7	861.9	952.7
	1996	855.2	891.0	1407.2	1706.8	1732.7	1333.4	1579.3	1299.7	1412.9	1317.7	1059.9	815.1
	1997	973.6	966.7	1379.4	1790.7	1493.8	1153.0	1531.5	1098.9	999.4	1142.3	1084.3	904.3
	1998	854.9		1363.5	1473.5	1500.2	1245.4	1481.8	1384.1	1124.8	1745.4	816.7	960.5
	1999	996.8	919.3	1237.5	1349.4	1378.8	1357.7	1655.6	1235.6	1195.2			
	Mean	920.1	925.7	1346.9	1580.1	1526.4	1272.4	1606.0	1314.4	1178.5	1413.5	955.7	908.2
	STDEV	75.7	38.2	75.1	204.1	148.4	93.1	117.4	169.6	150.4	254.4	136.0	66.8
	CV	0.08	0.04	0.06	0.13	0.10	0.07	0.07	0.13	0.13	0.18	0.14	0.07
	Upper 95%	1068.6	1000.6	1494.2	1980.2	1817.3	1454.8	1836.0	1646.8	1473.4	1912.1	1222.3	1039.1
	Lower 95%	771.7	850.7	1199.6	1180.0	1235.5	1090.0	1376.0	982.0	883.7	914.9	689.1	777.2
Palmetto	1994	1207.8	1027.0	2224.5	2415.1	2897.8	2853.9	2700.9	2501.9	2006.6	2112.1	1486.3	1199.0
	1995		1193.7	2360.3	2384.2	2459.8	2844.6	2750.7	2480.0	1644.1	2024.3	1546.8	1169.0
	1996	1451.5	1384.8	2375.8	2711.4	2398.4	2254.6	2423.6	2240.9	2068.8	2034.3	1742.2	1346.8
	1997	1381.8	1444.9	2246.5	2774.2	2382.2	2209.1	2510.8	1803.9	1652.0	1739.6	1549.4	1212.5
	1998	1249.2		2216.0	2386.5	2694.5	2313.2	2568.7	2198.6	1912.8	2403.2	1412.7	1445.0
	1999	1396.1	1321.9	2040.3	2260.1	2513.5	2563.5	2849.5	2051.1	1800.7			
	Mean	1337.3	1274.5	2243.9	2488.6	2557.7	2506.5	2634.0	2212.7	1847.5	2062.7	1547.5	1274.5
	STDEV	103.7	166.8	121.3	205.0	201.0	292.4	160.2	264.3	179.1	237.2	122.3	117.2
	CV	0.08	0.13	0.05	0.08	0.08	0.12	0.06	0.12	0.10	0.11	0.08	0.09
	Upper 95%	1540.5	1601.3	2481.6	2890.4	2951.7	3079.6	2947.9	2730.8	2198.5	2527.6	1787.2	1504.2
	Lower 95%	1134.0	947.6	2006.2	2086.8	2163.7	1933.4	2320.1	1694.7	1496.5	1597.8	1307.8	1044.7
Peach	1994	287.4	203.7	649.0	1076.6	1019.7	1154.4	1102.4	584.7	426.7	878.8	373.9	255.4
	1995		248.4	931.8	1035.9	926.3	1026.5	1063.3	763.3	743.5	444.5	366.9	238.3
	1996	327.7	555.3	821.6	1006.5	732.9	724.7	1096.5	596.1	610.6	519.7	401.0	244.0
	1997	315.9	545.7	714.6	1028.8	902.1	789.8	1121.2	774.1	630.5	559.4	473.0	192.5

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Influence

Legend:													
		= Value eliminated based on incomplete records				= Suspect Value							
Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1998	339.8		619.8	813.7	890.2	787.1	1013.9	623.4	590.0	500.1	360.8	294.5
	1999	590.4	407.3	587.0	927.0	909.7	797.9	588.4	737.3	683.2			
	Mean	372.2	392.1	720.6	981.4	896.8	880.1	997.6	679.8	614.1	580.5	395.1	244.9
	STDEV	123.5	163.2	132.7	95.9	92.8	169.9	204.0	87.6	107.2	171.8	46.1	36.6
	CV	0.33	0.42	0.18	0.10	0.10	0.19	0.20	0.13	0.17	0.30	0.12	0.15
	Upper 95%	614.3	712.0	980.6	1169.4	1078.7	1213.1	1397.4	851.5	824.2	917.2	485.5	316.7
	Lower 95%	130.2	72.1	460.6	793.4	714.9	547.0	597.8	508.1	403.9	243.7	304.7	173.2
Pepper	1994	432.6	273.0	692.9									
	1995							906.4	762.0	896.8	549.5	438.6	425.8
	1996	448.9	413.6	905.4	1150.7	936.1	1027.7	983.1	1034.4	436.7	626.6	349.5	327.2
	1997	388.6	636.8	824.6	1049.7	855.1	912.3	1223.7	815.2	593.8	753.4	492.3	414.8
	1998	459.1		844.5	902.6	1133.1	855.6	1093.1	810.4	556.6	699.9	499.3	469.1
	1999	419.6	574.3	831.0	834.4	1025.3	1010.1	834.1	400.9	761.3			
	Mean	429.8	474.4	819.7	984.3	987.4	951.4	1008.1	764.6	649.0	657.3	444.9	409.2
	STDEV	27.5	163.9	77.8	142.7	119.4	81.6	154.1	229.0	180.7	88.7	69.1	59.5
CV	0.06	0.35	0.09	0.14	0.12	0.09	0.15	0.30	0.28	0.13	0.16	0.15	
Upper 95%	483.7	795.6	972.1	1264.1	1221.5	1111.4	1310.0	1213.4	1003.3	831.2	580.4	525.8	
Lower 95%	375.8	153.1	667.3	704.6	753.3	791.5	706.1	315.8	294.8	483.5	309.4	292.6	
Pine	1994												
	1995							1593.8	1187.4	1199.8	1156.8	670.8	413.3
	1996	332.3	790.0	1098.4	1247.9	1582.1	1120.0	1207.4	1397.8	760.3	1385.7	550.9	572.6
	1997	361.1	707.0	1055.8	1311.7	1504.3	1288.0	1335.7	1217.0	839.4	1214.9	624.1	319.3
	1998	398.6		1058.3	1108.4	1495.8	1332.4	1222.6	1232.7	948.2	942.6	734.3	492.3
	1999	580.5	477.5	768.3	908.5	1534.7	1347.2	1033.6	831.3	1100.8			
	Mean	418.1	658.1	995.2	1144.1	1529.2	1271.9	1278.6	1173.3	969.7	1175.0	645.0	449.4
	STDEV	111.6	161.9	152.5	178.6	39.0	104.3	206.7	208.0	181.3	182.9	77.3	108.4
	CV	0.27	0.25	0.15	0.16	0.03	0.08	0.16	0.18	0.19	0.16	0.12	0.24
	Upper 95%	636.8	975.4	1294.1	1494.1	1605.6	1476.4	1683.7	1580.8	1325.0	1533.5	796.5	661.8
Lower 95%	199.4	340.9	696.3	794.1	1452.8	1067.4	873.5	765.7	614.4	816.6	493.5	236.9	
Plum	1994	487.6	488.9	717.4	1141.4	842.2	982.6	1007.3	958.2	704.6	629.5	518.9	421.1

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Influence

Legend:													
= Value eliminated based on incomplete records													
= Suspect Value													
Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1995		286.1	1144.7	1084.8	1125.8	1014.0	944.8	897.2	550.5	745.4	474.1	241.6
	1996	408.2	493.7	962.4	1099.8	1238.2	760.1	1128.6	633.2	355.1	753.3	546.0	225.9
	1997	293.0	646.5	844.6	1071.5	798.8	906.1	1106.6	810.0	499.8	547.1	301.7	564.9
	1998	295.2		959.2	1075.6	1001.7	1033.7	1194.4	586.1	673.7	637.5	464.1	363.2
	1999	416.0	604.8	702.2	801.5	1288.5	1163.3	866.4	897.1	896.9			
	Mean	380.0	504.0	888.4	1045.7	1049.2	976.6	1041.4	797.0	613.4	662.5	461.0	363.3
	STDEV	84.3	139.9	168.5	122.3	203.3	135.2	123.6	153.3	187.5	86.8	95.1	139.4
	CV	0.22	0.28	0.19	0.12	0.19	0.14	0.12	0.19	0.31	0.13	0.21	0.38
	Upper 95%	545.2	778.2	1218.7	1285.5	1447.7	1241.6	1283.6	1097.5	981.0	832.7	647.3	636.5
	Lower 95%	214.8	229.8	558.1	806.0	650.8	711.7	799.1	496.4	245.8	492.4	274.6	90.2
Pomelo	1994												
	1995							1029.1	1020.9	1016.9	565.6	393.3	259.9
	1996	446.6	524.9	919.6	968.1	985.8	708.8	906.4	819.3	598.4	861.9	522.9	402.9
	1997	343.9	685.3	866.3	1000.8	958.9	918.5	1024.3	833.0	412.7	840.4	416.5	390.8
	1998	569.0		683.3	949.7	962.4	921.1	1153.6	694.8	677.2	532.4	384.3	503.9
	1999	335.8	429.6	848.3	841.3	773.1	876.0	784.0	500.5	682.2			
	Mean	423.8	546.6	829.4	940.0	920.0	856.1	979.5	773.7	677.5	700.1	429.3	389.4
	STDEV	109.1	129.2	102.0	69.1	98.7	100.4	139.9	192.1	218.9	175.2	63.9	100.1
	CV	0.26	0.24	0.12	0.07	0.11	0.12	0.14	0.25	0.32	0.25	0.15	0.26
	Upper 95%	637.7	799.9	1029.2	1075.4	1113.4	1052.8	1253.8	1150.2	1106.4	1043.5	554.5	585.6
Lower 95%	210.0	293.3	629.5	804.6	726.7	659.4	705.2	397.2	248.5	356.6	304.0	193.2	
Rockwood	1994	151.1	118.8	572.9	668.7	397.8	483.5	413.7	548.8	416.1	606.1	366.0	46.2
	1995		95.9	545.9	646.0	714.1	534.2	494.5	723.4	306.9	497.3	287.4	170.5
	1996	249.9	324.7	507.0	806.2	623.5	290.1	230.7	43.2	303.7	342.2	492.4	181.1
	1997	239.4	312.4	520.0	717.5	299.0	280.6	430.1	481.3	247.1	400.0	102.0	326.3
	1998	122.2		547.5	409.8	805.1	634.2	550.8	592.3	472.6	492.1	290.7	240.4
	1999	156.3	297.9	515.5	657.2	719.0	621.5	753.7	458.8	254.8			
	Mean	183.8	229.9	534.8	650.9	593.1	474.0	478.9	474.6	333.5	467.5	307.7	192.9
	STDEV	57.2	112.6	24.9	132.0	200.5	156.4	172.7	231.4	91.0	101.2	141.9	102.7
	CV	0.31	0.49	0.05	0.20	0.34	0.33	0.36	0.49	0.27	0.22	0.46	0.53
	Upper 95%	295.9	450.6	583.6	909.5	986.1	780.6	817.5	928.1	511.9	665.9	585.8	394.3

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Influence



Legend:			= Value eliminated based on incomplete records						= Suspect Value				
Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	Lower 95%	71.7	9.2	486.0	392.3	200.1	167.4	140.4	21.1	155.1	269.2	29.6	-8.5
Schali	1994	568.5	262.4	566.9	786.8	784.6	746.3	890.0	356.3	386.8	920.5	436.0	236.0
	1995		255.9	770.7	727.0	868.0	791.9	842.8	698.8	624.5	358.1	506.9	318.4
	1996	457.7	457.3	775.9	729.0	937.2	764.6	553.9	348.9	509.8	644.4	493.4	506.2
	1997	250.1	464.5	799.0	935.5	816.1	730.0	875.9	609.3	463.5	416.5	529.1	280.6
	1998	152.0		743.3	631.4	709.3	662.4	885.6	733.2	491.5	717.0	385.1	422.4
	1999	354.5	355.8	380.0	737.3	860.4	823.1	722.8	1010.6	474.0			
	Mean	356.6	359.2	672.6	757.8	829.3	753.1	795.2	626.2	491.7	611.3	470.1	352.7
	STDEV	164.6	101.0	166.2	100.6	78.3	55.4	133.7	250.8	77.6	229.1	58.7	110.0
	CV	0.46	0.28	0.25	0.13	0.09	0.07	0.17	0.40	0.16	0.37	0.12	0.31
	Upper 95%	679.1	557.0	998.3	955.0	982.8	861.6	1057.3	1117.8	643.7	1060.3	585.1	568.4
Lower 95%	34.0	161.3	346.9	560.7	675.7	644.5	533.1	134.6	339.7	162.3	355.1	137.1	
South Alamo	1994	11.7	213.3	186.5	363.1	208.3	378.4	267.8	313.7	122.0	285.9	118.9	91.1
	1995		77.8	248.5	280.8	321.9	308.2	291.0	185.4	174.5	143.9	210.3	50.4
	1996	88.2	142.3	292.7	324.9	295.6	281.4	351.8	254.9	162.0	88.7	204.5	110.6
	1997	110.7	224.9	236.0	281.2	326.1	337.8	181.7	208.6	153.3	235.2	204.7	84.6
	1998	111.2		207.8	289.1	317.9	208.3	258.6	190.1	180.0	222.7	111.3	114.9
	1999	86.8	150.9	167.9	170.8	383.7	198.1	181.3	171.5	193.8			
	Mean	81.7	161.8	223.2	285.0	308.9	285.4	255.4	220.7	164.3	195.3	169.9	90.3
	STDEV	40.9	59.6	45.3	64.5	57.3	71.4	65.8	54.0	25.0	78.4	50.2	25.7
	CV	0.50	0.37	0.20	0.23	0.19	0.25	0.26	0.24	0.15	0.40	0.30	0.28
	Upper 95%	161.8	278.6	312.1	411.3	421.3	425.3	384.3	326.5	213.4	348.9	268.3	140.7
Lower 95%	1.6	45.1	134.4	158.6	196.5	145.4	126.4	114.9	115.2	41.7	71.6	39.9	
Standard	1994	643.1	644.4	1748.3	2260.7	1524.9							
	1995												
	1996												
	1997												
	1998												
	1999												
	Mean	643.1	644.4	1748.3	2260.7	1524.9							

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Influence





Legend:  = Value eliminated based on incomplete records  = Suspect Value													
Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	STDEV												
	CV												
Toland	1994			38.7	54.3	52.0	54.6	56.2	58.1		60.7		23.0
	1995			55.8	48.0	42.2	45.0	54.4	53.8		28.2	25.6	25.6
	1996	23.4		49.8	45.2	51.2	29.4	77.0		34.7	21.2	26.6	26.2
	1997	22.6	26.2	21.2	48.2	51.2	58.2	60.6		27.4	26.0	24.2	
	1998			28.2	45.8	61.3	18.6	84.7	22.9		101.3		
	1999		28.8	23.6	18.2			85.0					
	Mean	23.0	27.5	36.2	43.3	51.6	41.2	69.7	44.9	31.1	47.5	25.5	24.9
	STDEV	0.6	1.8	14.3	12.7	6.8	16.8	14.2	19.2	5.2	33.9	1.2	1.7
	CV	0.02	0.07	0.39	0.29	0.13	0.41	0.20	0.43	0.17	0.71	0.05	0.07
	Upper 95%	24.1	31.1	64.3	68.2	64.8	74.1	97.5	82.6	41.2	113.9	27.8	28.3
	Lower 95%	21.9	23.9	8.2	18.4	38.3	8.2	41.8	7.3	20.9	-19.0	23.1	21.6
Township	1994												
	1995							1043.5	861.3	529.7	779.6	508.7	504.4
	1996	462.5	539.4	1104.9	1032.3	1014.5	890.5	980.4	325.1	776.3	645.1	511.8	514.4
	1997	442.5	615.6	935.1	1022.3	1026.5	858.8	919.7	322.9	674.7	871.6	504.5	306.8
	1998	419.4		860.3	944.3	948.5	1048.9	1020.6	874.0	747.8	794.5	466.7	465.1
	1999	410.4	477.3	864.9	1013.8	1036.1	939.7	912.3	586.3	495.3			
	Mean	433.7	544.1	941.3	1003.2	1006.4	934.5	975.3	593.9	644.8	772.7	497.9	447.7
	STDEV	23.5	69.3	114.3	40.0	39.6	83.2	58.7	271.9	126.9	94.2	21.1	96.3
	CV	0.05	0.13	0.12	0.04	0.04	0.09	0.06	0.46	0.20	0.12	0.04	0.22
	Upper 95%	479.7	679.9	1165.3	1081.5	1084.0	1097.6	1090.4	1126.9	893.4	957.2	539.2	636.4
	Lower 95%	387.7	408.3	717.3	924.8	928.7	771.3	860.2	61.0	396.1	588.2	456.7	258.9
Vail 1	1994	69.0	72.6	78.4	144.4	207.9	213.1	217.6	212.4	175.6	120.0	71.8	72.8
	1995		62.3	110.9	161.1	180.6	169.6	209.1	208.1	72.0	138.9	70.9	73.4
	1996	64.3	78.2	72.2	174.2	171.7	199.6	99.7	227.3	210.4	115.0	175.6	61.6
	1997	66.7	246.2	104.1	255.0	284.3			231.5	73.6	99.0	136.4	102.0

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Influence

Legend:		= Value eliminated based on incomplete records					= Suspect Value						
Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1998	114.7		279.4	328.7	42.9			296.5		129.6	102.0	100.0
	1999	147.8	194.4	323.5	139.0	154.1	19.0		206.1				
	Mean	92.5	130.7	161.4	200.4	173.6	150.3	175.5	230.3	132.9	120.5	111.3	82.0
	STDEV	37.3	84.0	110.3	75.6	78.7	89.4	65.8	34.0	70.8	15.1	44.8	18.0
	CV	0.40	0.64	0.68	0.38	0.45	0.59	0.37	0.15	0.53	0.13	0.40	0.22
	Upper 95%	165.6	295.3	377.7	348.6	327.8	325.6	304.3	297.0	271.7	150.1	199.2	117.3
	Lower 95%	19.4	-33.9	-54.9	52.2	19.4	-24.9	46.6	163.6	-5.9	90.9	23.4	46.6
Vail 2	1994	59.6	23.0	63.2	89.2	88.7	83.5	98.4	88.0	67.8	70.3	37.7	31.6
	1995		44.7	83.7	111.5	104.6	89.6	104.6	91.3	54.3	82.5	65.2	35.6
	1996	43.7	48.8	100.1	130.6	85.6	65.9	91.3	97.8	46.8	135.5	62.2	43.2
	1997	45.2	60.6	95.7	111.5	106.5	76.2	123.0	91.4	32.5	85.4	56.5	38.0
	1998	54.6		83.8	108.8	127.8	86.2	125.3	85.7	80.4	103.1	53.0	47.2
	1999	43.0	53.2	89.0	101.1	93.3	81.1	114.8	87.6	94.6			
	Mean	49.2	46.1	85.9	108.8	101.1	80.4	109.6	90.3	62.7	95.3	54.9	39.1
	STDEV	7.4	14.2	12.9	13.7	15.5	8.4	13.7	4.3	22.8	25.3	10.7	6.2
	CV	0.15	0.31	0.15	0.13	0.15	0.10	0.12	0.05	0.36	0.27	0.20	0.16
	Upper 95%	63.8	73.9	111.2	135.6	131.5	97.0	136.4	98.7	107.3	145.0	75.9	51.2
Lower 95%	34.6	18.2	60.6	82.0	70.6	63.9	82.7	81.9	18.1	45.7	33.9	27.0	
Warren	1994	1266.5	1013.3	2303.2	2852.4	2809.8	2364.1	2775.1	2002.6	2063.2	2089.5	1283.2	1142.6
	1995		1177.4	2527.8	2736.9	2650.2	2669.6	2750.6	2167.7	1616.3	1752.7	1471.7	1239.4
	1996	1379.2	1431.2	2466.7	2960.5	2032.1	2054.3	1584.5	2538.0	1542.5	2309.4	1741.3	1524.5
	1997	1030.9	1297.1	2155.5	2772.4	2974.4	3188.2	2995.9	2523.7	1384.7	1780.7	1421.6	1173.0
	1998	1277.6		2240.1	2453.1	2893.2	3144.1	3117.8	2237.0	1943.2	2078.9	1514.7	1280.4
	1999	1563.7	1205.0	2027.4	2293.2	2557.8	2563.9	2192.2	2354.5	1884.7			
	Mean	1303.6	1224.8	2286.8	2678.1	2652.9	2664.0	2569.4	2303.9	1739.1	2002.2	1486.5	1272.0
	STDEV	193.5	154.3	188.4	253.5	340.6	442.0	577.9	209.5	263.5	234.1	166.9	151.2
	CV	0.15	0.13	0.08	0.09	0.13	0.17	0.22	0.09	0.15	0.12	0.11	0.12
	Upper 95%	1682.9	1527.2	2656.0	3174.9	3320.6	3530.4	3702.1	2714.6	2255.6	2461.1	1813.7	1568.3
Lower 95%	924.3	922.4	1917.6	2181.3	1985.3	1797.6	1436.6	1893.3	1222.6	1543.4	1159.3	975.6	
Wills	1994	223.2	140.4	421.5	613.9	565.3	545.2	590.3	550.2	498.5	382.4	200.3	198.2

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Influence

Legend:		= Value eliminated based on incomplete records				= Suspect Value							
Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1995		209.1	613.6	663.3	475.6	534.2	525.1	424.6	248.0	372.6	188.2	152.7
	1996	206.9	287.1	519.1	696.9	475.2	588.4	822.7	556.8	531.8	331.2	95.1	292.2
	1997	202.5	282.3	618.3	612.5	413.7	568.2	775.8	860.4	485.0	371.6	147.9	148.3
	1998	145.1		398.5	574.7	572.8	594.8	772.0	494.9	435.1	86.0	154.9	123.0
	1999	66.7	278.8	404.0	444.7	729.6	516.2	639.7	400.7	516.5			
	Mean	168.9	239.5	495.8	601.0	538.7	557.8	687.6	547.9	452.5	308.8	157.3	182.9
	STDEV	64.3	64.0	102.8	87.7	111.3	31.2	119.4	165.8	105.5	126.1	41.1	66.9
	CV	0.38	0.27	0.21	0.15	0.21	0.06	0.17	0.30	0.23	0.41	0.26	0.37
	Upper 95%	294.9	365.0	697.3	773.0	756.9	618.9	921.7	872.9	659.3	555.9	237.9	313.9
	Lower 95%	42.9	114.1	294.3	429.0	320.5	496.7	453.5	223.0	245.7	61.7	76.7	51.8
Wores	1994	204.4	105.5	369.0	486.3	451.5	465.0	366.0	328.4	138.5	150.3	303.4	93.7
	1995		150.9	338.9	562.3	383.1	388.2	352.8	407.6	222.3	286.0	194.0	126.7
	1996	237.9	315.7	299.4	351.0	525.4	386.9	503.7	545.6	254.9	167.2	348.1	101.8
	1997	178.7	320.0	487.0	480.2	285.4	411.0	428.2	468.9	390.9	282.8	175.2	139.4
	1998	151.9		400.6	435.9	513.9	501.6	320.8	384.5	426.8	280.9	286.9	150.8
	1999	82.3	179.1	371.9	324.2	452.8	459.3	540.8	193.2	301.8			
	Mean	171.0	214.2	377.8	440.0	435.4	435.3	418.7	388.0	289.2	233.4	261.5	122.5
	STDEV	58.9	98.2	63.6	89.5	89.5	46.9	88.2	121.1	107.5	68.5	74.0	24.3
	CV	0.34	0.46	0.17	0.20	0.21	0.11	0.21	0.31	0.37	0.29	0.28	0.20
	Upper 95%	286.5	406.7	502.4	615.4	610.8	527.3	591.7	625.3	499.9	367.6	406.6	170.1
	Lower 95%	55.6	21.8	253.2	264.5	259.9	343.4	245.8	150.8	78.5	99.2	116.5	74.9

Table C- 17: Irrigation Delivery Ratios

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Alamo	1994	0.101	0.116	0.080	0.086	0.110	0.109	0.106	0.120	0.132	0.139	0.142	0.123
	1995	0.130	0.123	0.110	0.107	0.115	0.107	0.098	0.110	0.118	0.111	0.107	0.098
	1996	0.104	0.091	0.084	0.088	0.107	0.094	0.089	0.093	0.093	0.109	0.100	0.099
	1997	0.111	0.096	0.084	0.086	0.095	0.089	0.083	0.095	0.103	0.104	0.107	0.092
	1998	0.107	0.105	0.081	0.092	0.094	0.090	0.070	0.088	0.089	0.101	0.108	0.103
	1999	0.088	0.096	0.078	0.097	0.084	0.079	0.074	0.085	0.084			
All-American	1994	0.000	0.000	0.005	0.005	0.006	0.007	0.007	0.006	0.003	0.000	0.000	0.000
	1995	0.000	0.001	0.007	0.006	0.004	0.007	0.006	0.003	0.000	0.000	0.000	0.008
	1996	0.007	0.004	0.004	0.004	0.000	0.000	0.001	0.006	0.003	0.006	0.005	0.005
	1997	0.006	0.003	0.003	0.004	0.005	0.006	0.004	0.002	0.000	0.010	0.000	0.001
	1998	0.006	0.000	0.003	0.003	0.003	0.000	0.000	0.005	0.000	0.006	0.004	0.001
	1999	0.005	0.000	0.004	0.003	0.004	0.004	0.004	0.003	0.007			
Bailey	1994	0.004	0.003	0.002	0.002	0.002	0.001	0.003	0.002	0.004	0.003	0.002	0.003
	1995	0.004	0.002	0.002	0.003	0.002	0.001	0.002	0.004	0.001	0.004	0.003	0.002
	1996	0.003	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.001	0.002	0.002	0.002
	1997	0.002	0.003	0.002	0.001	0.001	0.001	0.003	0.001	0.003	0.001	0.002	0.003
	1998	0.004	0.003	0.002	0.003	0.002	0.003	0.002	0.003	0.004	0.002	0.004	0.003
	1999	0.003	0.003	0.002	0.002	0.002	0.002	0.005	0.003	0.004			
Bryan	1994	0.004	0.007	0.015	0.013	0.014	0.020	0.026	0.023	0.016	0.020	0.014	0.020
	1995	0.014	0.022	0.019	0.018	0.017	0.013	0.014	0.017	0.015	0.011	0.014	0.016
	1996	0.010	0.013	0.016	0.012	0.012	0.016	0.016	0.017	0.016	0.010	0.014	0.010
	1997	0.015	0.012	0.015	0.013	0.016	0.018	0.016	0.017	0.012	0.006	0.009	0.015
	1998	0.011	0.013	0.015	0.014	0.011	0.013	0.013	0.016	0.008	0.010	0.007	0.010
	1999	0.015	0.009	0.014	0.014	0.014	0.015	0.019	0.017	0.013			
C	1994	0.028	0.044	0.034	0.039	0.040	0.039	0.047	0.050	0.050	0.036	0.040	0.046
	1995	0.037	0.051	0.043	0.042	0.043	0.044	0.034	0.048	0.036	0.027	0.031	0.030
	1996	0.029	0.040	0.038	0.036	0.032	0.028	0.032	0.030	0.050	0.028	0.028	0.027

Table C- 17: Irrigation Delivery Ratios

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1997	0.031	0.042	0.036	0.028	0.028	0.027	0.035	0.035	0.033	0.033	0.030	0.034
	1998	0.029	0.044	0.037	0.038	0.036	0.042	0.043	0.042	0.039	0.027	0.034	0.027
	1999	0.028	0.038	0.034	0.033	0.040	0.040	0.035	0.035	0.045			
D	1994	0.005	0.004	0.005	0.005	0.004	0.005	0.004	0.005	0.005	0.005	0.004	0.009
	1995	0.008	0.007	0.006	0.006	0.006	0.004	0.003	0.003	0.005	0.006	0.006	0.007
	1996	0.006	0.005	0.005	0.005	0.004	0.003	0.003	0.002	0.002	0.003	0.006	0.005
	1997	0.007	0.005	0.005	0.005	0.004	0.004	0.005	0.006	0.003	0.005	0.004	0.005
	1998	0.006	0.005	0.006	0.005	0.004	0.004	0.005	0.004	0.006	0.005	0.004	0.005
	1999	0.005	0.004	0.006	0.005	0.005	0.004	0.004	0.007	0.005			
Darling	1994	0.014	0.020	0.023	0.024	0.011	0.013	0.014	0.015	0.018	0.023	0.022	0.011
	1995	0.017	0.017	0.018	0.019	0.019	0.022	0.015	0.018	0.016	0.019	0.012	0.009
	1996	0.015	0.015	0.016	0.020	0.012	0.016	0.017	0.015	0.014	0.017	0.014	0.013
	1997	0.013	0.011	0.014	0.015	0.016	0.020	0.019	0.019	0.014	0.012	0.013	0.010
	1998	0.010	0.015	0.014	0.018	0.016	0.013	0.022	0.012	0.015	0.012	0.013	0.013
	1999	0.013	0.013	0.018	0.013	0.017	0.020	0.010	0.015	0.012			
E	1994	0.026	0.024	0.023	0.026	0.031	0.032	0.032	0.038	0.037	0.024	0.030	0.033
	1995	0.031	0.043	0.027	0.030	0.034	0.036	0.028	0.033	0.031	0.026	0.023	0.032
	1996	0.023	0.033	0.026	0.026	0.026	0.030	0.027	0.035	0.024	0.029	0.024	0.027
	1997	0.025	0.025	0.029	0.026	0.027	0.022	0.026	0.028	0.025	0.027	0.027	0.026
	1998	0.024	0.030	0.025	0.026	0.035	0.029	0.026	0.029	0.029	0.036	0.023	0.025
	1999	0.024	0.023	0.026	0.030	0.031	0.033	0.032	0.029	0.025			
G	1994	0.040	0.038	0.032	0.045	0.045	0.049	0.049	0.048	0.035	0.043	0.043	0.047
	1995	0.050	0.058	0.049	0.050	0.057	0.053	0.056	0.056	0.038	0.051	0.046	0.048
	1996	0.045	0.042	0.047	0.043	0.050	0.051	0.051	0.042	0.042	0.037	0.033	0.053
	1997	0.043	0.042	0.044	0.045	0.036	0.041	0.048	0.045	0.050	0.034	0.035	0.048
	1998	0.037	0.010	0.042	0.045	0.048	0.043	0.050	0.044	0.048	0.040	0.043	0.042
	1999	0.031	0.032	0.039	0.045	0.040	0.034	0.034	0.035	0.027			
Graeser	1994	0.004	0.002	0.004	0.003	0.004	0.005	0.006	0.005	0.001	0.002	0.003	0.005

Table C- 17: Irrigation Delivery Ratios

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1995	0.003	0.006	0.004	0.006	0.001	0.005	0.003	0.002	0.007	0.003	0.002	0.006
	1996	0.003	0.004	0.004	0.002	0.003	0.005	0.003	0.004	0.003	0.003	0.002	0.005
	1997	0.001	0.005	0.004	0.005	0.002	0.005	0.004	0.002	0.005	0.003	0.003	0.003
	1998	0.005	0.005	0.004	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.002	0.008
	1999	0.001	0.005	0.004	0.002	0.004	0.004	0.005	0.004	0.004			
I	1994	0.026	0.036	0.033	0.030	0.031	0.033	0.026	0.034	0.045	0.037	0.028	0.038
	1995	0.038	0.041	0.051	0.048	0.044	0.049	0.049	0.043	0.040	0.034	0.027	0.047
	1996	0.034	0.042	0.036	0.037	0.031	0.028	0.032	0.023	0.040	0.036	0.032	0.044
	1997	0.037	0.034	0.044	0.037	0.037	0.035	0.031	0.034	0.039	0.029	0.035	0.045
	1998	0.027	0.040	0.033	0.028	0.028	0.036	0.041	0.036	0.033	0.036	0.025	0.033
	1999	0.027	0.041	0.037	0.031	0.034	0.033	0.033	0.027	0.031			
J	1994	0.015	0.029	0.016	0.016	0.017	0.021	0.023	0.017	0.020	0.019	0.020	0.016
	1995	0.024	0.026	0.022	0.028	0.026	0.023	0.023	0.025	0.027	0.018	0.014	0.024
	1996	0.022	0.021	0.023	0.020	0.021	0.023	0.024	0.021	0.025	0.013	0.016	0.021
	1997	0.022	0.019	0.029	0.026	0.025	0.022	0.022	0.026	0.019	0.014	0.021	0.026
	1998	0.017	0.023	0.023	0.021	0.017	0.021	0.021	0.028	0.026	0.019	0.026	0.014
	1999	0.017	0.022	0.022	0.022	0.024	0.024	0.024	0.022	0.023			
Jones	1994	0.002	0.002	0.001	0.002	0.000	0.002	0.001	0.001	0.002	0.002	0.001	0.003
	1995	0.002	0.001	0.001	0.001	0.001	0.002	0.002	0.001	0.001	0.002	0.001	0.002
	1996	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.002	0.001	0.002
	1997	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.002
	1998	0.002	0.001	0.001	0.001	0.001	0.002	0.002	0.001	0.001	0.004	0.002	0.002
	1999	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.002			
K	1994	0.012	0.014	0.016	0.019	0.018	0.018	0.019	0.023	0.027	0.017	0.016	0.011
	1995	0.013	0.026	0.020	0.021	0.019	0.014	0.019	0.019	0.022	0.015	0.020	0.022
	1996	0.009	0.021	0.022	0.020	0.018	0.024	0.017	0.028	0.022	0.021	0.012	0.029
	1997	0.009	0.029	0.023	0.027	0.027	0.016	0.031	0.036	0.028	0.022	0.018	0.014
	1998	0.013	0.023	0.027	0.023	0.021	0.020	0.028	0.028	0.027	0.025	0.011	0.012
	1999	0.008	0.020	0.025	0.025	0.027	0.026	0.022	0.028	0.023			

Table C- 17: Irrigation Delivery Ratios

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
L	1994	0.022	0.025	0.019	0.020	0.020	0.013	0.018	0.016	0.018	0.016	0.013	0.029
	1995	0.023	0.030	0.021	0.022	0.026	0.019	0.020	0.018	0.025	0.009	0.010	0.023
	1996	0.018	0.023	0.019	0.017	0.014	0.015	0.013	0.019	0.017	0.012	0.007	0.013
	1997	0.015	0.019	0.019	0.017	0.021	0.018	0.021	0.023	0.020	0.015	0.019	0.020
	1998	0.019	0.023	0.016	0.018	0.022	0.020	0.022	0.021	0.019	0.016	0.015	0.017
	1999	0.017	0.016	0.022	0.019	0.022	0.019	0.024	0.022	0.019			
Lewis	1994	0.010	0.003	0.006	0.005	0.004	0.007	0.006	0.007	0.005	0.006	0.009	0.014
	1995	0.010	0.012	0.010	0.009	0.005	0.005	0.004	0.006	0.006	0.012	0.007	0.008
	1996	0.006	0.003	0.006	0.005	0.005	0.006	0.005	0.004	0.006	0.009	0.007	0.008
	1997	0.005	0.005	0.006	0.005	0.006	0.006	0.004	0.002	0.005	0.008	0.006	0.010
	1998	0.008	0.006	0.005	0.005	0.007	0.008	0.004	0.006	0.003	0.005	0.005	0.010
	1999	0.010	0.006	0.008	0.008	0.004	0.002	0.006	0.003	0.006			
M	1994	0.010	0.015	0.014	0.014	0.015	0.014	0.012	0.018	0.014	0.012	0.014	0.010
	1995	0.016	0.020	0.016	0.015	0.016	0.016	0.014	0.017	0.015	0.009	0.009	0.021
	1996	0.011	0.015	0.015	0.012	0.014	0.017	0.018	0.017	0.010	0.008	0.011	0.019
	1997	0.012	0.015	0.014	0.015	0.014	0.016	0.013	0.019	0.014	0.013	0.016	0.015
	1998	0.017	0.016	0.014	0.013	0.013	0.017	0.016	0.016	0.012	0.016	0.014	0.013
	1999	0.013	0.014	0.015	0.013	0.013	0.014	0.016	0.018	0.016			
Magnolia	1994	0.010	0.008	0.011	0.012	0.013	0.013	0.016	0.017	0.018	0.009	0.010	0.017
	1995	0.014	0.014	0.014	0.014	0.012	0.015	0.012	0.012	0.008	0.006	0.013	0.011
	1996	0.011	0.014	0.010	0.010	0.011	0.008	0.012	0.013	0.009	0.014	0.010	0.009
	1997	0.009	0.008	0.010	0.008	0.012	0.011	0.012	0.014	0.012	0.009	0.013	0.012
	1998	0.010	0.011	0.011	0.010	0.010	0.011	0.009	0.009	0.008	0.008	0.009	0.008
	1999	0.012	0.011	0.011	0.009	0.009	0.010	0.009	0.014	0.009			
Malva	1994	0.013	0.017	0.013	0.016	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1995	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.018	0.013	0.016
	1996	0.018	0.018	0.017	0.017	0.016	0.012	0.013	0.011	0.021	0.016	0.019	0.014
	1997	0.020	0.015	0.018	0.017	0.021	0.018	0.014	0.015	0.015	0.014	0.019	0.012

Table C- 17: Irrigation Delivery Ratios

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1998	0.017	0.003	0.016	0.016	0.011	0.014	0.016	0.012	0.021	0.013	0.012	0.015
	1999	0.018	0.016	0.017	0.014	0.012	0.015	0.015	0.019	0.021			
Maple	1994	0.020	0.028	0.023	0.022	0.015	0.022	0.027	0.019	0.024	0.027	0.020	0.027
	1995	0.005	0.020	0.025	0.026	0.021	0.023	0.026	0.021	0.021	0.019	0.022	0.018
	1996	0.022	0.019	0.021	0.021	0.019	0.016	0.016	0.017	0.012	0.019	0.018	0.018
	1997	0.020	0.022	0.020	0.021	0.014	0.018	0.016	0.014	0.014	0.014	0.016	0.018
	1998	0.018	0.004	0.023	0.021	0.020	0.019	0.022	0.020	0.025	0.018	0.023	0.017
	1999	0.026	0.018	0.023	0.024	0.019	0.017	0.025	0.015	0.023			
Marigold	1994	0.016	0.010	0.021	0.018	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1995	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1996	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1997	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1998	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1999	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			
Mayflower	1994	0.019	0.017	0.022	0.019	0.023	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1995	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1996	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1997	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1998	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1999	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			
Mesquite	1994	0.060	0.055	0.072	0.070	0.069	0.073	0.083	0.088	0.093	0.088	0.071	0.078
	1995	0.077	0.067	0.081	0.078	0.082	0.085	0.071	0.071	0.083	0.060	0.065	0.053
	1996	0.063	0.049	0.062	0.070	0.060	0.068	0.067	0.068	0.071	0.066	0.067	0.056
	1997	0.060	0.065	0.064	0.066	0.066	0.068	0.068	0.072	0.060	0.060	0.069	0.052
	1998	0.053	0.063	0.072	0.066	0.065	0.057	0.061	0.059	0.058	0.066	0.061	0.063
	1999	0.064	0.069	0.065	0.062	0.070	0.064	0.072	0.067	0.062			
Moorehead	1994	0.004	0.004	0.002	0.004	0.001	0.001	0.004	0.005	0.004	0.002	0.003	0.002
	1995	0.003	0.004	0.002	0.004	0.003	0.002	0.003	0.003	0.003	0.002	0.002	0.004

Table C- 17: Irrigation Delivery Ratios

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1996	0.002	0.003	0.002	0.002	0.001	0.002	0.001	0.003	0.002	0.002	0.001	0.002
	1997	0.001	0.001	0.002	0.001	0.002	0.004	0.003	0.004	0.003	0.003	0.001	0.001
	1998	0.002	0.003	0.001	0.002	0.003	0.004	0.005	0.005	0.005	0.002	0.000	0.004
	1999	0.002	0.002	0.002	0.002	0.003	0.004	0.004	0.005	0.005			
Moss	1994	0.012	0.015	0.013	0.012	0.016	0.018	0.017	0.018	0.016	0.013	0.017	0.017
	1995	0.018	0.022	0.022	0.016	0.017	0.015	0.017	0.017	0.006	0.016	0.015	0.009
	1996	0.012	0.018	0.015	0.016	0.012	0.014	0.015	0.017	0.012	0.015	0.018	0.011
	1997	0.013	0.013	0.015	0.015	0.010	0.014	0.014	0.014	0.012	0.013	0.011	0.014
	1998	0.018	0.018	0.014	0.016	0.011	0.010	0.014	0.013	0.016	0.014	0.015	0.013
	1999	0.015	0.019	0.017	0.015	0.014	0.015	0.015	0.016	0.017			
Mulberry	1994	0.021	0.018	0.023	0.021	0.024	0.031	0.000	0.000	0.000	0.000	0.000	0.000
	1995	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.026	0.023
	1996	0.023	0.027	0.025	0.021	0.021	0.022	0.024	0.018	0.028	0.022	0.028	0.021
	1997	0.025	0.026	0.025	0.023	0.021	0.019	0.021	0.019	0.031	0.029	0.025	0.020
	1998	0.024	0.026	0.024	0.022	0.019	0.026	0.019	0.024	0.030	0.022	0.026	0.024
	1999	0.027	0.022	0.023	0.023	0.020	0.025	0.027	0.021	0.026			
Mullen	1994	0.022	0.017	0.020	0.019	0.020	0.027	0.026	0.019	0.019	0.032	0.021	0.027
	1995	0.022	0.018	0.022	0.027	0.024	0.023	0.022	0.017	0.021	0.020	0.016	0.026
	1996	0.017	0.020	0.017	0.018	0.015	0.022	0.024	0.019	0.020	0.025	0.015	0.021
	1997	0.018	0.019	0.020	0.021	0.019	0.022	0.018	0.023	0.024	0.018	0.016	0.016
	1998	0.016	0.020	0.019	0.018	0.020	0.021	0.024	0.022	0.015	0.013	0.025	0.024
	1999	0.013	0.022	0.021	0.019	0.020	0.021	0.020	0.023	0.018			
Munyon	1994	0.020	0.018	0.017	0.019	0.014	0.016	0.020	0.016	0.023	0.020	0.022	0.017
	1995	0.023	0.022	0.020	0.020	0.017	0.018	0.018	0.013	0.016	0.013	0.017	0.014
	1996	0.017	0.015	0.016	0.017	0.011	0.017	0.016	0.015	0.019	0.013	0.016	0.014
	1997	0.019	0.016	0.016	0.018	0.016	0.016	0.016	0.013	0.016	0.015	0.017	0.017
	1998	0.018	0.016	0.016	0.017	0.014	0.018	0.016	0.019	0.011	0.010	0.018	0.011
	1999	0.017	0.009	0.017	0.014	0.012	0.018	0.019	0.019	0.015			

Table C- 17: Irrigation Delivery Ratios

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Myrtle	1994	0.015	0.011	0.014	0.011	0.015	0.015	0.025	0.018	0.015	0.016	0.011	0.019
	1995	0.019	0.014	0.018	0.018	0.021	0.021	0.016	0.016	0.016	0.015	0.018	0.013
	1996	0.012	0.016	0.013	0.011	0.017	0.014	0.018	0.016	0.014	0.015	0.014	0.008
	1997	0.016	0.014	0.015	0.015	0.015	0.013	0.016	0.015	0.016	0.013	0.013	0.006
	1998	0.016	0.014	0.016	0.014	0.014	0.016	0.014	0.014	0.014	0.012	0.012	0.014
	1999	0.015	0.013	0.016	0.015	0.012	0.017	0.014	0.016	0.016			
N	1994	0.014	0.012	0.011	0.012	0.014	0.012	0.019	0.020	0.019	0.017	0.013	0.018
	1995	0.017	0.017	0.019	0.020	0.021	0.015	0.014	0.020	0.018	0.013	0.015	0.016
	1996	0.012	0.010	0.014	0.015	0.014	0.011	0.014	0.017	0.013	0.013	0.011	0.018
	1997	0.012	0.012	0.016	0.017	0.015	0.014	0.012	0.015	0.011	0.018	0.015	0.016
	1998	0.015	0.012	0.014	0.014	0.012	0.009	0.012	0.015	0.016	0.016	0.009	0.015
	1999	0.013	0.011	0.014	0.018	0.013	0.015	0.014	0.009	0.011			
Narcissus	1994	0.009	0.017	0.022	0.018	0.022	0.026	0.000	0.000	0.000	0.000	0.000	0.000
	1995	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1996	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1997	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1998	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1999	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			
Nectarine	1994	0.019	0.016	0.023	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1995	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.016	0.018	0.023
	1996	0.031	0.019	0.023	0.020	0.012	0.021	0.024	0.015	0.016	0.016	0.022	0.023
	1997	0.022	0.024	0.021	0.019	0.014	0.017	0.017	0.014	0.024	0.027	0.019	0.022
	1998	0.024	0.023	0.023	0.020	0.016	0.016	0.023	0.017	0.028	0.016	0.017	0.015
	1999	0.025	0.022	0.022	0.020	0.021	0.024	0.022	0.026	0.021			
Nettle	1994	0.021	0.023	0.026	0.024	0.025	0.027	0.027	0.000	0.000	0.000	0.000	0.000
	1995	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.016	0.022	0.020
	1996	0.017	0.025	0.023	0.024	0.020	0.017	0.021	0.013	0.016	0.010	0.014	0.021
	1997	0.020	0.021	0.024	0.022	0.016	0.017	0.021	0.018	0.026	0.022	0.017	0.027
	1998	0.019	0.024	0.025	0.022	0.018	0.025	0.020	0.024	0.023	0.016	0.022	0.018

Table C- 17: Irrigation Delivery Ratios

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1999	0.019	0.018	0.024	0.025	0.019	0.017	0.022	0.025	0.025			
Ninth St.	1994	0.002	0.005	0.004	0.004	0.002	0.002	0.001	0.004	0.000	0.005	0.006	0.002
	1995	0.003	0.004	0.003	0.005	0.004	0.005	0.003	0.003	0.002	0.003	0.003	0.003
	1996	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.005	0.003	0.001	0.005	0.001
	1997	0.004	0.002	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.003	0.002	0.002
	1998	0.003	0.003	0.002	0.004	0.003	0.002	0.003	0.001	0.004	0.002	0.004	0.002
	1999	0.003	0.003	0.003	0.003	0.002	0.003	0.002	0.002	0.003			
Nutmeg	1994	0.029	0.015	0.022	0.021	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1995	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1996	0.018	0.022	0.021	0.024	0.022	0.020	0.018	0.017	0.024	0.016	0.016	0.023
	1997	0.018	0.024	0.022	0.021	0.022	0.014	0.020	0.015	0.018	0.023	0.018	0.011
	1998	0.024	0.024	0.025	0.024	0.022	0.027	0.027	0.024	0.029	0.019	0.019	0.012
	1999	0.024	0.024	0.025	0.020	0.021	0.023	0.021	0.029	0.030			
Oak	1994	0.020	0.016	0.013	0.015	0.018	0.018	0.017	0.019	0.015	0.014	0.024	0.024
	1995	0.023	0.025	0.023	0.021	0.018	0.019	0.017	0.014	0.014	0.012	0.021	0.012
	1996	0.018	0.016	0.016	0.016	0.012	0.019	0.015	0.022	0.015	0.009	0.020	0.011
	1997	0.016	0.014	0.014	0.015	0.011	0.019	0.018	0.017	0.019	0.012	0.018	0.010
	1998	0.017	0.018	0.016	0.014	0.014	0.017	0.017	0.016	0.018	0.008	0.014	0.019
	1999	0.021	0.016	0.017	0.014	0.010	0.017	0.018	0.012	0.014			
Oasis	1994	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1995	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.006	0.000	0.008	0.009	0.005
	1996	0.011	0.005	0.008	0.007	0.008	0.009	0.007	0.005	0.007	0.007	0.009	0.007
	1997	0.007	0.007	0.007	0.006	0.008	0.009	0.008	0.007	0.007	0.007	0.006	0.010
	1998	0.006	0.007	0.007	0.008	0.007	0.007	0.005	0.004	0.007	0.007	0.011	0.005
	1999	0.010	0.006	0.007	0.007	0.007	0.005	0.005	0.005	0.007			
Oat	1994	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1995	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.008	0.009	0.008	0.008
	1996	0.004	0.008	0.006	0.007	0.009	0.007	0.007	0.006	0.007	0.010	0.008	0.008

Table C- 17: Irrigation Delivery Ratios

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1997	0.004	0.008	0.007	0.008	0.009	0.007	0.007	0.006	0.009	0.009	0.006	0.009
	1998	0.008	0.000	0.007	0.007	0.009	0.008	0.007	0.006	0.007	0.008	0.008	0.007
	1999	0.006	0.007	0.008	0.007	0.007	0.007	0.008	0.006	0.008			
Occident	1994	0.007	0.009	0.008	0.008	0.012	0.013	0.012	0.012	0.014	0.010	0.008	0.012
	1995	0.011	0.008	0.011	0.008	0.012	0.012	0.010	0.009	0.011	0.008	0.009	0.007
	1996	0.009	0.006	0.008	0.007	0.009	0.008	0.008	0.009	0.006	0.011	0.010	0.007
	1997	0.009	0.006	0.007	0.009	0.009	0.010	0.008	0.011	0.009	0.012	0.008	0.009
	1998	0.008	0.007	0.009	0.008	0.009	0.009	0.008	0.006	0.007	0.011	0.008	0.007
	1999	0.010	0.007	0.007	0.008	0.008	0.008	0.006	0.007	0.010			
Ohmar	1994	0.023	0.025	0.021	0.022	0.026	0.025	0.030	0.023	0.031	0.028	0.031	0.030
	1995	0.029	0.024	0.026	0.025	0.026	0.025	0.021	0.020	0.024	0.026	0.030	0.020
	1996	0.027	0.026	0.025	0.024	0.018	0.019	0.014	0.019	0.021	0.024	0.024	0.019
	1997	0.020	0.020	0.018	0.015	0.021	0.022	0.021	0.024	0.020	0.025	0.022	0.028
	1998	0.018	0.024	0.019	0.020	0.023	0.020	0.021	0.021	0.021	0.023	0.018	0.025
	1999	0.025	0.021	0.022	0.023	0.018	0.020	0.018	0.022	0.020			
Oleander	1994	0.020	0.028	0.022	0.023	0.019	0.026	0.021	0.032	0.027	0.030	0.028	0.030
	1995	0.026	0.029	0.025	0.025	0.023	0.027	0.024	0.025	0.022	0.021	0.024	0.018
	1996	0.021	0.018	0.019	0.020	0.021	0.020	0.020	0.018	0.017	0.017	0.027	0.019
	1997	0.020	0.019	0.020	0.020	0.018	0.019	0.022	0.019	0.018	0.018	0.023	0.020
	1998	0.021	0.023	0.021	0.020	0.021	0.019	0.022	0.016	0.017	0.020	0.019	0.020
	1999	0.021	0.021	0.021	0.018	0.019	0.021	0.025	0.022	0.018			
Olive	1994	0.030	0.019	0.018	0.020	0.026	0.027	0.028	0.035	0.029	0.026	0.043	0.022
	1995	0.046	0.026	0.025	0.028	0.035	0.036	0.034	0.029	0.025	0.024	0.027	0.018
	1996	0.028	0.023	0.019	0.022	0.024	0.027	0.031	0.028	0.025	0.025	0.031	0.029
	1997	0.031	0.022	0.018	0.025	0.025	0.027	0.021	0.020	0.021	0.016	0.019	0.016
	1998	0.043	0.025	0.015	0.026	0.024	0.020	0.019	0.027	0.018	0.030	0.019	0.029
	1999	0.046	0.032	0.019	0.023	0.029	0.020	0.016	0.023	0.017			
Orange	1994	0.021	0.018	0.025	0.019	0.021	0.021	0.026	0.025	0.019	0.024	0.026	0.021

Table C- 17: Irrigation Delivery Ratios

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1995	0.020	0.017	0.024	0.023	0.023	0.022	0.021	0.024	0.022	0.016	0.019	0.014
	1996	0.016	0.017	0.014	0.018	0.025	0.021	0.019	0.018	0.016	0.016	0.019	0.014
	1997	0.019	0.015	0.017	0.015	0.019	0.016	0.016	0.013	0.013	0.012	0.025	0.009
	1998	0.013	0.018	0.019	0.017	0.024	0.017	0.012	0.023	0.015	0.017	0.025	0.020
	1999	0.011	0.022	0.016	0.018	0.016	0.015	0.010	0.014	0.022			
Orient	1994	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1995	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.008	0.012	0.010	0.010	0.007
	1996	0.008	0.008	0.007	0.008	0.011	0.008	0.008	0.007	0.008	0.011	0.009	0.010
	1997	0.008	0.007	0.008	0.008	0.010	0.010	0.007	0.008	0.008	0.009	0.012	0.007
	1998	0.010	0.000	0.007	0.008	0.009	0.009	0.006	0.007	0.006	0.011	0.010	0.009
	1999	0.009	0.007	0.006	0.008	0.007	0.006	0.005	0.006	0.009			
Orita	1994	0.024	0.022	0.019	0.022	0.016	0.013	0.019	0.019	0.018	0.023	0.023	0.021
	1995	0.024	0.018	0.022	0.023	0.021	0.020	0.014	0.017	0.021	0.013	0.021	0.012
	1996	0.018	0.019	0.017	0.020	0.015	0.016	0.019	0.017	0.023	0.011	0.019	0.014
	1997	0.016	0.021	0.017	0.016	0.020	0.021	0.018	0.015	0.018	0.015	0.019	0.015
	1998	0.018	0.020	0.019	0.020	0.016	0.012	0.019	0.014	0.023	0.019	0.019	0.013
	1999	0.018	0.019	0.019	0.021	0.019	0.020	0.014	0.016	0.018			
Osage	1994	0.020	0.022	0.021	0.020	0.013	0.016	0.013	0.017	0.017	0.018	0.032	0.016
	1995	0.024	0.027	0.026	0.020	0.016	0.022	0.020	0.021	0.018	0.019	0.018	0.015
	1996	0.023	0.021	0.021	0.023	0.017	0.022	0.019	0.020	0.017	0.016	0.018	0.019
	1997	0.012	0.019	0.018	0.015	0.015	0.019	0.023	0.015	0.016	0.017	0.014	0.010
	1998	0.018	0.021	0.019	0.015	0.012	0.014	0.011	0.013	0.014	0.015	0.021	0.022
	1999	0.019	0.018	0.020	0.016	0.015	0.016	0.013	0.013	0.016			
Oxalis	1994	0.021	0.016	0.020	0.020	0.023	0.023	0.024	0.027	0.026	0.024	0.038	0.009
	1995	0.022	0.022	0.022	0.028	0.021	0.030	0.021	0.023	0.023	0.023	0.021	0.022
	1996	0.012	0.018	0.018	0.017	0.023	0.024	0.022	0.023	0.022	0.023	0.020	0.025
	1997	0.014	0.021	0.018	0.023	0.022	0.020	0.020	0.024	0.023	0.023	0.026	0.023
	1998	0.021	0.021	0.019	0.019	0.025	0.021	0.019	0.024	0.015	0.019	0.033	0.030
	1999	0.018	0.026	0.020	0.018	0.022	0.024	0.022	0.024	0.016			

Table C- 17: Irrigation Delivery Ratios

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Palm	1994	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1995	0.000	0.000	0.000	0.000	0.000	0.000	0.021	0.020	0.021	0.027	0.019	0.028
	1996	0.021	0.017	0.017	0.017	0.021	0.017	0.018	0.018	0.022	0.023	0.023	0.021
	1997	0.028	0.018	0.017	0.019	0.018	0.015	0.016	0.014	0.017	0.021	0.024	0.030
	1998	0.023	0.022	0.017	0.017	0.017	0.015	0.016	0.017	0.017	0.028	0.018	0.026
	1999	0.025	0.020	0.016	0.016	0.016	0.016	0.020	0.017	0.019			
Palmetto	1994	0.035	0.030	0.030	0.025	0.039	0.041	0.037	0.041	0.040	0.044	0.043	0.054
	1995	0.046	0.036	0.035	0.033	0.036	0.040	0.033	0.033	0.029	0.037	0.034	0.034
	1996	0.035	0.027	0.028	0.027	0.029	0.029	0.028	0.030	0.033	0.035	0.037	0.035
	1997	0.040	0.027	0.028	0.029	0.028	0.028	0.027	0.023	0.028	0.031	0.035	0.040
	1998	0.033	0.030	0.028	0.027	0.030	0.028	0.027	0.027	0.028	0.038	0.032	0.039
	1999	0.036	0.029	0.026	0.027	0.029	0.030	0.034	0.028	0.028			
Peach	1994	0.008	0.006	0.009	0.011	0.014	0.016	0.015	0.010	0.013	0.011	0.011	0.012
	1995	0.011	0.008	0.014	0.014	0.014	0.015	0.013	0.010	0.013	0.008	0.008	0.007
	1996	0.008	0.011	0.010	0.010	0.011	0.009	0.013	0.008	0.010	0.009	0.009	0.006
	1997	0.009	0.010	0.009	0.011	0.011	0.010	0.012	0.010	0.011	0.010	0.008	0.006
	1998	0.009	0.009	0.008	0.012	0.010	0.009	0.011	0.008	0.009	0.008	0.008	0.008
	1999	0.008	0.009	0.008	0.011	0.010	0.009	0.013	0.010	0.011			
Pepper	1994	0.012	0.008	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1995	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.010	0.016	0.010	0.010	0.012
	1996	0.011	0.008	0.011	0.012	0.011	0.013	0.011	0.014	0.007	0.011	0.007	0.008
	1997	0.011	0.012	0.010	0.011	0.010	0.012	0.013	0.010	0.010	0.014	0.011	0.014
	1998	0.012	0.011	0.011	0.010	0.013	0.010	0.012	0.010	0.008	0.011	0.011	0.013
	1999	0.011	0.013	0.011	0.010	0.012	0.012	0.010	0.005	0.012			
Pine	1994	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1995	0.000	0.000	0.000	0.000	0.000	0.000	0.019	0.016	0.021	0.021	0.015	0.012
	1996	0.008	0.015	0.013	0.013	0.019	0.014	0.014	0.019	0.012	0.024	0.012	0.015
	1997	0.010	0.013	0.013	0.014	0.018	0.016	0.014	0.016	0.014	0.022	0.014	0.010

Table C- 17: Irrigation Delivery Ratios

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1998	0.011	0.016	0.013	0.013	0.017	0.016	0.013	0.015	0.014	0.015	0.016	0.013
	1999	0.015	0.011	0.010	0.011	0.017	0.016	0.013	0.017	0.017			
Plum	1994	0.014	0.014	0.010	0.012	0.011	0.014	0.014	0.016	0.014	0.013	0.015	0.019
	1995	0.013	0.009	0.017	0.015	0.017	0.014	0.011	0.012	0.010	0.014	0.011	0.007
	1996	0.010	0.009	0.012	0.011	0.015	0.010	0.013	0.009	0.006	0.013	0.012	0.006
	1997	0.008	0.012	0.010	0.011	0.010	0.011	0.012	0.010	0.008	0.010	0.011	0.019
	1998	0.008	0.012	0.012	0.012	0.011	0.012	0.013	0.007	0.010	0.010	0.010	0.010
	1999	0.011	0.013	0.009	0.013	0.015	0.014	0.010	0.012	0.014			
Pomelo	1994	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1995	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.013	0.018	0.010	0.009	0.008
	1996	0.011	0.010	0.011	0.010	0.012	0.009	0.011	0.011	0.009	0.015	0.011	0.010
	1997	0.010	0.013	0.011	0.011	0.011	0.012	0.011	0.011	0.007	0.015	0.009	0.013
	1998	0.015	0.013	0.009	0.011	0.011	0.011	0.012	0.008	0.010	0.008	0.009	0.014
	1999	0.009	0.010	0.011	0.010	0.009	0.010	0.009	0.007	0.011			
Rockwood	1994	0.004	0.004	0.008	0.007	0.005	0.007	0.006	0.009	0.008	0.013	0.011	0.002
	1995	0.006	0.003	0.008	0.009	0.011	0.008	0.006	0.009	0.005	0.009	0.006	0.005
	1996	0.006	0.006	0.006	0.008	0.008	0.004	0.003	0.008	0.005	0.006	0.010	0.005
	1997	0.007	0.006	0.006	0.008	0.004	0.004	0.005	0.006	0.004	0.007	0.002	0.011
	1998	0.003	0.005	0.007	0.008	0.009	0.008	0.006	0.007	0.007	0.008	0.007	0.006
	1999	0.004	0.007	0.007	0.008	0.008	0.007	0.009	0.006	0.004			
Schali	1994	0.016	0.008	0.008	0.008	0.011	0.011	0.012	0.006	0.008	0.019	0.013	0.011
	1995	0.012	0.008	0.011	0.010	0.013	0.011	0.010	0.009	0.011	0.007	0.011	0.009
	1996	0.011	0.009	0.009	0.007	0.011	0.010	0.010	0.005	0.008	0.011	0.010	0.013
	1997	0.007	0.009	0.010	0.008	0.010	0.009	0.009	0.008	0.008	0.008	0.012	0.009
	1998	0.004	0.009	0.009	0.007	0.008	0.008	0.009	0.009	0.007	0.011	0.009	0.011
	1999	0.009	0.008	0.009	0.009	0.010	0.010	0.009	0.014	0.007			
South Alamo	1994	0.003	0.006	0.003	0.004	0.004	0.005	0.004	0.003	0.002	0.006	0.003	0.004
	1995	0.003	0.002	0.004	0.004	0.005	0.004	0.003	0.002	0.003	0.003	0.005	0.001

Table C- 17: Irrigation Delivery Ratios

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1996	0.002	0.003	0.003	0.003	0.004	0.004	0.004	0.003	0.003	0.002	0.004	0.003
	1997	0.003	0.004	0.003	0.003	0.004	0.004	0.002	0.003	0.003	0.004	0.005	0.003
	1998	0.003	0.004	0.003	0.003	0.004	0.003	0.003	0.002	0.003	0.004	0.002	0.003
	1999	0.002	0.003	0.002	0.004	0.004	0.002	0.002	0.002	0.003			
Standard	1994	0.018	0.019	0.024	0.024	0.021	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1995	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1996	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1997	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1998	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1999	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			
Toland	1994	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
	1995	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
	1996	0.001	0.001	0.001	0.000	0.001	0.000	0.001	0.001	0.001	0.000	0.001	0.001
	1997	0.001	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.001	0.001
	1998	0.001	0.001	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.002	0.001	0.001
	1999	0.001	0.001	0.000	0.001	0.001	0.000	0.001	0.001	0.000			
Township	1994	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1995	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.011	0.009	0.014	0.011	0.015
	1996	0.011	0.010	0.013	0.010	0.012	0.011	0.011	0.004	0.012	0.011	0.011	0.013
	1997	0.013	0.011	0.011	0.011	0.012	0.011	0.010	0.004	0.011	0.016	0.011	0.010
	1998	0.011	0.013	0.011	0.011	0.011	0.013	0.011	0.011	0.011	0.013	0.010	0.013
	1999	0.010	0.011	0.011	0.012	0.012	0.011	0.011	0.008	0.008			
Vail 1	1994	0.002	0.002	0.001	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.003
	1995	0.003	0.002	0.002	0.002	0.003	0.002	0.002	0.003	0.001	0.003	0.002	0.002
	1996	0.002	0.001	0.001	0.002	0.002	0.003	0.001	0.003	0.003	0.002	0.004	0.002
	1997	0.002	0.005	0.001	0.003	0.003	0.002	0.002	0.003	0.001	0.002	0.003	0.003
	1998	0.003	0.003	0.004	0.004	0.000	0.002	0.002	0.003	0.002	0.002	0.002	0.003
	1999	0.004	0.004	0.004	0.002	0.002	0.000	0.002	0.003	0.002			

Table C- 17: Irrigation Delivery Ratios

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Vail 2	1994	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
	1995	0.002	0.001	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.002	0.001	0.001
	1996	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001
	1997	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001
	1998	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001
	1999	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001			
Warren	1994	0.036	0.030	0.031	0.030	0.038	0.034	0.038	0.033	0.041	0.044	0.037	0.052
	1995	0.044	0.036	0.037	0.037	0.039	0.038	0.033	0.028	0.029	0.032	0.033	0.036
	1996	0.033	0.027	0.029	0.030	0.034	0.026	0.018	0.034	0.024	0.040	0.037	0.031
	1997	0.030	0.024	0.026	0.029	0.035	0.040	0.032	0.032	0.023	0.032	0.032	0.039
	1998	0.034	0.029	0.029	0.028	0.033	0.038	0.033	0.027	0.029	0.033	0.034	0.035
	1999	0.040	0.027	0.026	0.027	0.029	0.030	0.027	0.032	0.030			
Wills	1994	0.006	0.004	0.006	0.006	0.008	0.008	0.008	0.009	0.010	0.008	0.006	0.009
	1995	0.006	0.006	0.009	0.009	0.007	0.008	0.006	0.006	0.009	0.007	0.004	0.004
	1996	0.005	0.005	0.006	0.007	0.006	0.008	0.010	0.008	0.008	0.006	0.002	0.004
	1997	0.006	0.005	0.008	0.006	0.005	0.007	0.008	0.006	0.008	0.007	0.003	0.005
	1998	0.004	0.006	0.005	0.007	0.006	0.007	0.008	0.006	0.006	0.006	0.003	0.003
	1999	0.002	0.006	0.005	0.008	0.008	0.006	0.008	0.005	0.008			
Wores	1994	0.006	0.003	0.005	0.005	0.006	0.007	0.005	0.005	0.003	0.003	0.009	0.004
	1995	0.006	0.005	0.005	0.008	0.006	0.005	0.004	0.005	0.004	0.005	0.004	0.004
	1996	0.006	0.006	0.004	0.004	0.006	0.005	0.006	0.007	0.004	0.003	0.007	0.003
	1997	0.005	0.006	0.006	0.005	0.003	0.005	0.005	0.006	0.007	0.005	0.004	0.005
	1998	0.004	0.005	0.005	0.005	0.006	0.006	0.003	0.005	0.006	0.004	0.006	0.004
	1999	0.002	0.004	0.005	0.004	0.005	0.005	0.007	0.003	0.005			

Table C- 18: Calculated Minor Drain Flows (excluding NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Alamo	1994	2282.3	2022.9	3023.4	3606.7	3591.9	2758.4	2763.0	3001.0	2918.9	3334.2	2862.9	2064.6
	1995	1162.1	2029.8	3536.5	3562.2	2794.0	2337.6	2582.5	3036.1	2394.8	2936.9	2314.2	1810.1
	1996	2108.3	2087.2	2791.7	3040.1	2928.9	2454.1	2401.6	2305.5	2457.8	3059.9	2353.2	2224.0
	1997	217.1	2503.2	3418.7	3635.3	3426.5	2689.7	2840.5	3090.2	3504.5	3082.1	2721.4	1856.0
	1998	2273.0	1663.9	3111.5	3746.8	3711.4	3044.6	2239.3	2851.6	2953.0	3320.5	2320.6	2093.6
	1999	2004.9	2196.5	2788.8	3253.2	3066.4	2590.4	2316.8	2236.7	2585.5			
All-American	1994	0.0	0.0	179.3	223.2	195.3	171.1	187.1	149.2	61.4	6.2	7.0	2.7
	1995	0.0	13.4	228.6	187.7	107.3	144.4	157.7	82.0	2.6	6.9	3.5	156.6
	1996	134.0	102.8	124.6	127.6	0.0	0.0	26.7	141.3	76.4	163.0	113.0	111.3
	1997	11.1	79.1	111.5	152.5	174.0	171.1	151.6	54.5	0.0	281.2	0.0	21.1
	1998	121.2	0.0	98.7	134.3	104.0	0.0	0.0	164.5	0.0	189.9	82.7	13.9
	1999	105.4	0.0	146.2	84.2	158.8	124.4	118.0	83.5	215.1			
Bailey	1994	86.1	58.0	76.8	85.2	58.7	23.3	85.7	61.6	90.3	61.8	44.0	56.5
	1995	35.2	36.3	62.2	100.2	39.7	16.6	46.7	115.1	22.5	112.4	66.1	32.9
	1996	54.2	37.2	78.3	81.8	60.3	39.5	68.5	54.7	25.6	64.8	50.3	48.6
	1997	3.8	81.3	88.2	62.4	46.8	35.2	112.2	41.4	104.6	40.1	46.5	53.9
	1998	85.8	41.3	92.7	105.0	59.9	91.9	68.8	87.8	131.7	75.0	77.9	51.2
	1999	68.6	57.6	69.9	60.1	61.1	78.2	158.9	75.4	110.6			
Bryan	1994	98.7	124.6	554.7	549.6	440.4	520.6	665.5	577.3	345.0	485.2	283.3	340.2
	1995	128.1	365.4	602.6	595.2	406.0	282.7	370.4	467.1	305.7	293.3	304.7	290.8
	1996	203.6	288.6	525.9	408.5	320.5	415.0	423.0	409.0	429.1	289.1	326.0	213.7
	1997	30.1	301.2	599.4	565.9	573.2	541.9	540.5	555.4	406.2	172.0	235.5	304.2
	1998	243.7	198.5	564.6	559.9	442.5	444.9	416.4	501.9	266.6	314.2	154.8	198.0
	1999	336.1	204.7	507.3	483.6	519.7	478.5	587.1	438.9	387.2			
C	1994	641.8	771.1	1301.1	1643.9	1313.3	997.8	1223.9	1243.5	1103.1	871.1	813.4	781.5
	1995	330.6	841.0	1373.9	1412.7	1041.6	963.0	882.3	1313.3	721.6	720.6	681.6	558.6
	1996	582.4	926.1	1271.8	1260.7	890.1	731.7	862.6	744.0	1327.4	781.0	661.9	607.1

Table C- 18: Calculated Minor Drain Flows (excluding NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Drain	1997	61.6	1099.4	1448.9	1190.0	1015.2	830.6	1192.3	1150.9	1126.9	968.5	769.4	683.4
	1998	610.6	694.0	1437.3	1557.6	1420.3	1417.2	1362.0	1345.4	1286.4	880.1	730.7	549.2
	1999	635.5	871.3	1226.8	1104.3	1447.7	1319.9	1101.4	925.1	1384.5			
D	1994	120.0	77.5	189.1	190.5	137.0	126.2	116.7	133.6	120.5	121.6	75.8	154.9
	1995	67.0	121.7	198.9	205.2	151.9	86.6	89.0	71.6	105.7	149.7	127.1	129.7
	1996	114.1	105.4	176.7	163.6	123.7	90.5	91.6	49.0	65.6	97.3	134.4	103.8
	1997	13.1	124.9	186.2	199.5	138.2	123.0	178.7	186.8	116.6	141.7	93.3	110.5
	1998	134.9	80.8	220.0	211.0	143.8	131.3	161.3	142.7	191.6	149.8	87.9	95.2
	1999	125.1	95.2	204.2	162.8	191.8	118.1	123.6	180.2	151.6			
Darling	1994	322.3	354.1	853.7	1023.6	371.4	341.7	360.6	388.8	388.8	561.0	445.4	190.4
	1995	148.7	277.4	579.5	620.6	461.3	488.5	394.2	490.2	334.5	506.1	269.2	173.6
	1996	298.3	341.2	536.3	685.1	341.6	405.2	449.2	379.1	360.0	484.6	333.0	297.1
	1997	26.2	297.6	556.7	635.7	581.0	594.8	648.4	622.0	476.0	366.4	336.5	205.2
	1998	215.3	242.2	522.7	711.1	623.5	443.4	702.2	386.7	501.3	387.1	269.6	260.6
	1999	289.9	306.4	625.2	429.6	631.0	671.7	310.5	382.4	372.3			
E	1994	589.9	416.9	859.0	1104.7	1026.4	807.6	839.4	953.2	812.4	580.8	608.4	556.5
	1995	277.5	704.4	866.1	1011.3	838.1	785.1	738.4	922.2	619.7	686.6	505.0	591.4
	1996	457.4	751.6	851.0	892.1	709.4	789.5	720.5	858.8	628.8	809.4	567.5	601.8
	1997	48.9	659.7	1170.8	1090.7	983.0	675.6	890.5	921.8	856.2	796.3	698.4	531.5
	1998	507.1	474.0	980.8	1072.8	1364.2	971.4	815.2	921.0	961.3	1186.5	492.3	509.8
	1999	559.3	530.7	908.8	1007.6	1115.9	1070.6	1000.7	748.3	782.2			
G	1994	908.8	667.7	1226.8	1891.8	1480.5	1246.1	1267.6	1214.0	772.8	1032.5	863.0	787.9
	1995	449.4	968.0	1581.1	1654.4	1375.3	1155.5	1480.3	1541.3	769.5	1347.6	998.9	888.3
	1996	911.0	963.9	1550.8	1500.8	1378.6	1323.0	1380.7	1045.3	1122.6	1027.3	770.0	1190.4
	1997	84.9	1088.1	1811.3	1901.6	1294.0	1235.0	1643.4	1457.6	1681.8	1000.3	886.8	977.4
	1998	796.6	161.7	1636.4	1811.1	1894.9	1452.0	1574.1	1411.6	1575.3	1316.9	933.7	858.2
	1999	712.3	736.3	1372.4	1499.3	1458.1	1106.6	1045.7	927.2	838.8			
Graeser	1994	79.0	34.8	158.4	133.0	136.8	126.8	147.1	123.2	30.8	41.8	55.3	91.3

Table C- 18: Calculated Minor Drain Flows (excluding NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1995	30.1	97.4	124.0	197.3	31.2	108.0	72.0	58.1	140.0	69.3	48.8	114.8
	1996	64.9	87.3	122.7	83.0	77.4	142.2	84.3	96.2	74.3	83.6	42.3	115.6
	1997	1.4	137.4	174.1	209.4	68.1	141.0	130.6	70.9	181.1	81.6	64.7	68.4
	1998	100.3	71.8	142.9	129.0	176.5	152.2	138.9	143.7	133.8	129.1	47.7	159.5
	1999	22.5	109.1	151.9	66.8	146.5	128.5	141.6	103.2	138.4			
I	1994	589.2	635.4	1259.3	1250.8	995.5	828.0	686.4	844.5	992.9	892.8	569.5	644.0
	1995	342.3	677.3	1643.3	1585.9	1067.9	1065.8	1300.5	1185.0	809.2	914.9	577.2	870.5
	1996	692.6	962.2	1208.7	1271.8	847.5	741.2	862.9	570.1	1057.0	999.2	760.5	977.8
	1997	71.7	898.5	1775.1	1565.7	1338.0	1058.8	1068.4	1099.1	1340.5	846.3	896.7	900.8
	1998	564.4	633.3	1290.4	1142.2	1114.2	1228.2	1317.9	1173.2	1099.4	1170.0	530.7	679.8
	1999	607.8	927.6	1316.4	1050.4	1238.6	1078.8	1033.2	706.7	962.2			
J	1994	334.6	510.3	597.0	678.5	559.9	534.1	601.4	421.8	441.0	461.5	402.5	272.1
	1995	213.3	424.9	717.2	928.3	632.9	514.4	602.3	676.4	552.6	471.5	311.4	448.5
	1996	448.8	471.9	760.9	706.2	585.1	599.8	647.8	521.7	655.2	361.3	373.2	469.1
	1997	43.8	507.3	1179.8	1091.8	895.7	667.1	761.9	848.0	643.8	404.2	537.7	516.5
	1998	363.1	369.9	891.7	864.6	663.2	713.4	654.5	917.1	855.9	626.8	560.6	283.8
	1999	384.0	498.0	789.9	724.1	863.5	787.9	736.5	571.2	706.4			
Jones	1994	39.3	27.4	55.5	70.5	1.4	45.3	24.5	30.5	34.2	56.1	30.0	58.0
	1995	14.0	22.9	25.2	23.2	17.0	42.8	43.6	19.6	28.1	54.4	24.9	34.4
	1996	19.9	21.2	35.9	37.5	21.8	42.5	36.0	26.3	28.8	42.5	31.1	46.7
	1997	2.4	22.8	32.9	28.8	48.2	31.6	36.3	23.6	44.8	12.6	6.4	49.0
	1998	32.7	18.1	52.4	54.6	29.2	51.0	48.5	36.7	25.5	117.5	39.2	47.7
	1999	16.9	24.0	47.8	40.2	41.1	58.2	45.6	31.7	55.0			
K	1994	270.9	246.8	607.9	815.5	599.4	454.3	486.6	585.2	594.5	416.6	318.7	181.9
	1995	116.6	437.5	625.0	700.7	456.0	313.2	498.0	519.1	452.7	390.6	425.1	414.9
	1996	188.3	483.0	730.9	688.1	506.6	634.1	444.9	695.6	579.1	592.8	272.5	641.8
	1997	18.1	753.5	937.3	1137.9	964.6	486.8	1054.6	1161.0	941.3	639.5	448.5	282.3
	1998	269.1	367.0	1038.3	947.7	836.2	667.6	888.3	918.8	888.5	811.3	236.6	248.4
	1999	187.3	453.0	896.6	828.0	974.0	860.6	697.5	737.4	696.4			

Table C- 18: Calculated Minor Drain Flows (excluding NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
L	1994	495.2	431.7	707.0	826.9	638.0	333.3	461.3	413.3	389.7	381.8	264.8	493.5
	1995	207.5	504.6	677.9	726.0	630.6	411.6	526.4	484.6	508.1	247.3	212.0	424.7
	1996	372.1	518.7	645.9	587.8	383.2	393.4	356.1	478.5	456.2	336.1	166.1	293.5
	1997	29.7	496.6	778.5	738.4	771.0	549.4	705.0	757.8	673.8	433.0	496.9	399.1
	1998	406.1	356.5	635.3	711.5	866.9	679.4	689.0	684.9	636.4	533.6	317.7	342.2
	1999	378.2	361.9	780.4	642.1	814.3	639.0	745.0	574.9	584.1			
Lewis	1994	215.8	61.0	244.1	219.7	133.5	172.5	162.1	186.5	111.3	149.8	187.4	236.1
	1995	87.8	193.7	326.9	287.9	116.0	103.3	114.0	171.3	123.9	306.9	148.9	154.5
	1996	126.3	76.5	207.5	174.5	138.3	168.5	132.5	109.0	146.7	243.4	152.9	176.1
	1997	9.5	125.3	255.5	216.8	231.5	175.8	131.3	79.1	157.7	250.6	164.0	194.7
	1998	172.7	90.4	195.7	213.9	291.8	286.1	134.1	177.8	112.4	178.8	117.4	197.1
	1999	221.6	136.9	286.6	251.3	163.2	77.5	199.8	72.6	188.0			
M	1994	217.9	255.9	531.3	585.8	501.3	365.5	324.8	453.9	308.0	292.5	279.1	164.4
	1995	140.0	334.5	510.5	510.7	396.6	347.6	357.4	461.3	308.2	243.0	188.5	387.2
	1996	213.3	344.2	505.2	414.1	380.8	435.4	475.7	411.5	268.7	220.1	253.9	419.0
	1997	22.6	381.3	560.9	649.4	522.7	492.2	434.4	622.0	479.4	394.6	408.3	304.4
	1998	352.2	253.4	531.6	534.2	530.6	588.3	506.9	520.5	399.5	518.9	303.7	273.2
	1999	298.2	329.6	518.2	423.2	479.9	460.4	507.0	459.0	494.4			
Magnolia	1994	217.3	133.3	424.7	500.6	422.8	324.1	419.8	437.1	391.7	221.4	205.4	281.5
	1995	121.4	226.9	446.0	454.2	298.1	327.5	320.2	326.3	157.7	146.9	278.7	194.0
	1996	232.0	325.0	316.6	338.2	296.9	210.2	313.3	324.3	246.4	383.0	238.7	199.7
	1997	17.8	199.0	423.3	346.8	416.5	336.9	398.9	462.1	412.7	268.4	327.3	243.9
	1998	220.0	176.0	411.1	409.4	407.3	377.2	295.3	288.6	255.4	264.7	185.6	162.3
	1999	282.8	248.4	375.9	315.0	327.7	335.1	291.3	356.5	278.7			
Malva	1994	301.4	302.8	505.5	684.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1995	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	486.3	272.1	294.1
	1996	365.6	418.0	573.0	575.3	447.5	308.8	357.7	260.1	562.2	445.3	447.9	316.7
	1997	39.8	402.0	728.7	719.2	739.3	535.8	484.4	495.0	496.5	416.7	484.5	245.3

Table C- 18: Calculated Minor Drain Flows (excluding NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Drain	1998	363.6	45.1	612.2	642.7	450.3	461.0	507.8	390.0	679.8	422.2	254.2	315.1
	1999	404.8	358.5	613.8	471.8	451.0	477.5	466.5	496.9	644.7			
Maple	1994	439.7	489.7	888.1	943.6	496.9	558.2	706.2	482.3	527.6	645.4	403.9	454.0
	1995	48.6	324.5	800.3	876.2	516.5	502.9	687.9	590.0	433.7	512.0	483.9	338.4
	1996	438.9	447.2	689.7	738.3	519.5	408.2	421.8	415.8	325.0	532.2	417.9	410.0
	1997	39.1	562.0	824.9	898.3	515.4	536.2	538.5	443.2	458.7	417.7	411.5	369.7
	1998	391.0	55.5	903.3	859.5	783.7	638.7	696.5	649.0	830.0	579.0	484.1	351.2
	1999	586.3	401.7	819.8	789.0	692.2	546.4	790.9	386.0	707.4			
Marigold	1994	359.5	183.4	801.1	763.7	555.5							
	1995												
	1996												
	1997												
	1998												
	1999												
Mayflower	1994	421.2	298.4	836.6	802.1	759.3							
	1995	0.0											
	1996												
	1997												
	1998												
	1999												
Mesquite	1994	1344.5	970.4	2735.3	2934.6	2254.3	1855.1	2153.2	2213.3	2063.3	2099.4	1436.2	1314.8
	1995	685.0	1109.2	2596.1	2603.9	2002.3	1858.3	1867.1	1948.8	1682.7	1592.7	1409.7	982.0
	1996	1281.4	1130.1	2050.8	2410.1	1655.9	1770.5	1792.4	1687.8	1881.3	1867.7	1561.0	1244.8
	1997	117.0	1694.8	2616.5	2802.6	2389.2	2049.3	2319.6	2334.4	2047.7	1778.3	1748.2	1051.5
	1998	1134.8	995.1	2775.1	2691.7	2558.3	1945.7	1942.3	1911.9	1909.8	2177.6	1311.6	1285.1
	1999	1461.3	1581.9	2324.9	2060.8	2542.7	2099.8	2236.8	1762.0	1905.6			
Moorehead	1994	87.4	68.2	80.9	157.0	34.8	35.7	107.8	126.3	96.8	59.2	53.0	29.6
	1995	24.7	61.2	74.8	124.2	73.2	35.2	72.4	94.4	65.7	56.7	41.5	79.4

Table C- 18: Calculated Minor Drain Flows (excluding NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Drain	1996	35.1	61.9	77.3	62.3	22.9	65.1	28.1	74.4	53.9	45.7	34.1	50.1
	1997	1.1	20.7	88.8	55.2	81.6	117.1	104.4	117.4	102.5	102.4	20.0	21.1
	1998	53.0	39.6	53.6	87.7	112.4	119.7	150.5	165.5	153.2	75.5	6.8	89.1
	1999	50.4	46.7	72.7	62.8	124.6	119.0	117.6	125.6	144.0			
Moss	1994	281.2	256.8	504.5	508.1	530.4	448.3	453.1	442.2	346.0	309.8	343.5	294.5
	1995	161.4	369.5	692.3	528.5	407.0	333.8	448.6	473.1	126.5	432.5	328.8	169.3
	1996	251.5	415.0	504.3	548.5	320.9	356.6	390.6	423.0	331.7	408.1	416.3	252.7
	1997	26.2	351.4	630.2	612.6	374.2	438.7	473.4	457.9	395.2	396.3	278.5	280.9
	1998	374.6	279.8	555.2	642.2	420.8	352.3	436.2	420.4	530.7	457.7	323.8	266.9
	1999	341.2	422.1	601.4	515.6	528.2	502.2	481.0	414.7	511.5			
Mulberry	1994	477.1	312.2	877.7	893.0	772.2	798.6						
	1995										789.4	572.4	419.3
	1996	464.8	629.0	829.2	712.9	577.8	583.3	649.0	456.8	743.5	622.9	656.9	471.8
	1997	49.0	667.1	1016.5	983.2	742.2	589.0	707.3	635.2	1055.7	845.7	630.0	406.5
	1998	513.1	412.9	933.9	908.0	769.9	881.5	609.6	761.4	1007.4	736.6	555.5	486.4
	1999	625.7	503.3	808.8	765.7	718.5	827.2	854.7	550.8	794.1			
Mullen	1994	504.0	292.3	748.8	804.7	657.4	673.8	673.7	478.8	431.9	758.8	416.8	452.5
	1995	196.5	305.2	715.5	914.4	585.0	493.8	588.5	462.9	415.7	527.3	343.3	485.5
	1996	345.2	457.3	575.4	607.4	411.5	585.5	646.9	471.3	536.0	716.8	359.8	472.0
	1997	34.7	489.1	813.8	872.1	678.8	673.4	627.9	734.4	820.9	545.6	415.2	331.2
	1998	343.6	315.9	729.3	743.2	801.4	724.0	761.3	722.0	497.0	442.4	531.5	490.1
	1999	307.7	502.6	734.7	637.8	744.5	685.9	627.7	611.8	556.0			
Munyon	1994	457.6	316.0	626.0	811.2	447.3	407.6	527.5	406.8	500.3	480.4	440.2	294.5
	1995	207.1	367.9	651.4	681.9	408.3	398.2	471.1	349.5	330.0	340.4	367.4	252.3
	1996	338.7	341.0	533.4	590.6	301.5	447.0	437.9	364.6	516.1	355.2	384.9	309.7
	1997	37.4	420.8	648.6	771.8	572.7	478.8	537.1	436.8	552.3	433.1	421.7	352.1
	1998	376.2	255.7	620.5	671.6	534.8	610.8	501.4	603.6	348.8	320.1	377.9	216.7
	1999	398.1	215.2	606.7	454.7	430.3	576.9	600.3	488.7	456.2			

Table C- 18: Calculated Minor Drain Flows (excluding NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Myrtle	1994	344.7	192.4	545.8	458.7	486.9	389.3	657.0	440.5	339.3	382.0	222.4	322.9
	1995	169.7	239.6	575.9	587.5	500.5	468.6	409.6	442.7	320.3	386.7	390.6	237.8
	1996	251.7	367.9	430.4	398.4	454.0	355.7	481.3	387.2	379.5	434.1	328.1	176.0
	1997	32.2	360.0	591.9	627.7	530.0	407.5	544.6	473.8	529.7	394.0	336.0	119.0
	1998	329.6	224.4	631.8	587.2	541.9	549.7	455.2	435.9	407.3	411.0	307.1	291.0
	1999	346.2	286.4	577.1	502.0	445.4	546.3	430.0	406.4	492.9			
N	1994	307.6	218.6	433.7	515.0	449.0	311.6	495.0	502.0	413.5	405.1	268.5	295.6
	1995	147.7	279.1	619.7	663.6	500.6	335.7	357.9	538.9	367.7	332.8	327.2	289.9
	1996	238.5	230.1	463.6	515.4	377.2	285.9	369.9	410.2	339.7	378.6	260.6	398.7
	1997	24.2	306.6	655.6	735.8	546.9	425.3	398.2	501.1	379.6	528.4	381.3	324.8
	1998	309.2	195.9	540.4	561.0	472.8	304.5	371.2	472.8	541.8	518.5	201.6	311.4
	1999	289.2	242.8	495.6	601.0	458.7	501.4	445.3	237.9	344.5			
Narcissus	1994	209.6	295.3	828.2	772.4	715.4	662.3						
	1995												
	1996												
	1997												
	1998												
	1999												
Nectarine	1994	422.8	284.3	857.1	849.6								
	1995										431.5	391.1	417.5
	1996	629.4	448.7	748.8	696.2	340.3	545.4	648.9	364.0	423.7	458.9	518.5	514.3
	1997	43.6	621.1	840.1	785.6	519.2	512.6	580.9	465.9	818.6	806.0	478.3	446.9
	1998	510.6	362.3	885.1	824.0	640.5	545.5	719.1	534.7	917.7	538.4	374.8	304.1
	1999	582.4	512.6	775.5	677.1	759.9	772.4	674.6	683.5	658.5			
Nettle	1994	468.6	401.5	990.9	998.1	799.5	681.4	697.5					
	1995										435.3	472.8	366.7
	1996	340.4	564.4	766.2	838.1	538.9	436.3	574.3	324.2	417.3	281.5	333.6	464.1
	1997	40.2	535.9	966.4	929.7	593.7	506.7	702.8	597.4	875.8	655.7	427.2	537.9
	1998	396.9	373.7	968.5	877.0	723.4	841.6	624.3	770.4	776.2	524.3	478.8	370.1

Table C- 18: Calculated Minor Drain Flows (excluding NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1999	437.3	415.6	866.2	823.5	694.5	543.5	686.4	666.3	767.6			
Ninth St.	1994	52.9	85.0	133.9	147.6	69.1	40.9	35.5	104.2	9.5	114.1	119.2	33.7
	1995	30.9	57.9	110.9	161.7	88.8	100.9	78.2	81.6	40.0	71.2	59.8	56.6
	1996	31.4	47.5	83.4	103.3	72.3	73.9	81.3	111.3	67.7	30.8	111.5	32.9
	1997	7.9	40.3	112.3	111.3	91.1	83.1	81.6	80.3	58.8	100.0	61.3	41.8
	1998	66.8	44.8	90.4	146.0	127.3	76.7	108.7	47.7	124.5	71.7	94.8	46.7
	1999	61.2	64.0	114.6	102.2	90.0	98.9	75.7	58.9	85.2			
Nutmeg	1994	651.1	255.9	824.4	881.1								
	1995	0.0									0.0	0.0	0.0
	1996	374.2	498.8	683.3	843.4	617.4	532.6	482.6	421.7	625.1	450.9	369.6	510.5
	1997	35.3	615.0	904.8	870.5	780.7	417.2	685.2	487.5	595.4	688.5	450.6	225.8
	1998	509.5	371.6	951.0	972.1	850.4	910.5	847.4	777.6	976.2	626.6	399.3	241.7
	1999	541.9	539.3	877.7	661.4	758.6	742.9	654.4	764.2	936.4			
Oak	1994	459.1	271.5	491.9	624.6	573.1	462.9	452.5	470.8	335.2	343.6	479.3	396.4
	1995	209.3	406.7	724.3	695.2	428.7	424.1	459.9	373.7	274.6	313.5	461.0	215.3
	1996	362.2	372.2	542.9	542.3	322.5	506.4	412.9	545.2	388.1	265.5	459.6	242.6
	1997	31.3	366.3	589.2	640.4	384.9	575.2	622.1	562.6	636.5	356.3	455.4	210.3
	1998	355.7	284.0	628.1	556.6	534.8	582.3	524.5	503.5	601.2	259.5	307.4	381.4
	1999	474.6	358.8	617.5	456.9	372.3	566.2	552.1	301.3	434.6			
Oasis	1994												
	1995							229.0	164.7	0.0	199.4	203.9	94.0
	1996	220.3	117.6	265.9	245.6	226.7	223.4	181.0	119.4	193.2	202.4	221.9	166.6
	1997	14.2	186.8	279.0	264.6	295.3	265.7	287.9	233.4	237.7	199.6	144.0	201.4
	1998	131.1	116.2	264.4	330.4	271.2	246.0	173.3	131.8	224.1	226.0	231.6	108.5
	1999	229.5	140.1	259.9	246.7	259.2	167.3	165.2	137.4	212.9			
Oat	1994												
	1995							214.3	0.0	152.7	242.5	180.1	142.8
	1996	91.1	180.2	202.2	236.6	244.2	181.5	194.6	160.4	172.7	284.4	180.9	185.1

Table C- 18: Calculated Minor Drain Flows (excluding NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1997	8.6	217.2	289.1	329.0	319.1	223.4	229.2	194.8	299.6	259.0	154.7	188.4
	1998	166.4	0.0	285.2	294.5	361.2	266.7	223.4	184.8	217.0	270.2	171.8	147.9
	1999	147.9	152.5	274.6	237.8	270.1	244.6	262.8	162.6	261.9			
Occident	1994	148.0	153.7	305.8	342.6	387.2	327.4	315.4	295.5	314.6	247.0	157.3	209.7
	1995	97.6	131.4	352.5	278.0	280.3	273.4	252.0	238.9	229.3	211.9	192.7	129.6
	1996	189.8	144.4	267.8	251.2	237.6	212.9	207.8	215.6	172.3	299.7	236.8	150.9
	1997	17.3	147.2	298.8	388.3	326.9	289.4	267.1	347.5	304.2	351.9	216.0	176.0
	1998	174.6	114.1	331.7	322.8	368.2	304.8	252.5	188.9	241.8	366.6	172.8	143.6
	1999	218.6	168.2	264.2	270.6	288.2	261.4	193.8	172.5	299.0			
Ohmar	1994	520.1	442.0	780.1	930.6	831.6	626.9	781.1	580.1	687.4	676.7	620.6	498.6
	1995	261.7	395.7	840.1	819.3	630.9	538.8	547.7	542.4	494.5	680.9	643.9	365.6
	1996	553.9	603.0	816.7	842.8	484.6	506.1	389.9	478.8	558.1	664.8	555.9	424.0
	1997	39.8	521.7	720.1	640.4	765.6	677.2	703.9	783.5	686.3	741.2	573.3	556.4
	1998	390.5	375.7	717.8	806.6	920.3	691.0	669.4	670.3	693.6	756.1	376.1	509.6
	1999	571.4	467.6	797.7	765.4	642.7	659.7	556.9	585.9	613.5			
Oleander	1994	461.3	493.6	843.9	958.4	626.9	648.9	550.9	802.9	605.7	721.2	555.9	500.6
	1995	233.5	474.9	796.4	840.6	557.3	591.3	620.6	696.8	447.5	567.9	516.7	329.3
	1996	418.3	404.6	625.1	684.8	589.8	534.8	540.0	436.0	445.0	478.1	633.4	430.3
	1997	39.3	495.1	811.9	829.6	648.0	577.3	743.7	610.6	616.8	516.6	578.3	401.7
	1998	436.4	357.8	821.1	810.2	849.0	629.5	695.7	508.3	551.8	675.0	407.4	412.7
	1999	472.1	472.5	758.9	617.1	676.6	700.2	770.9	567.9	569.6			
Olive	1994	669.7	334.8	679.7	831.2	844.2	698.3	732.0	879.9	653.5	625.6	871.6	365.1
	1995	408.5	437.8	795.5	929.3	847.0	785.3	892.1	803.1	511.3	648.0	591.5	328.9
	1996	574.6	529.0	626.5	763.8	659.1	703.4	829.7	695.7	663.4	691.9	733.1	658.8
	1997	60.7	565.3	725.7	1057.2	896.7	817.7	736.5	640.4	699.3	485.8	482.6	328.7
	1998	920.5	400.5	572.0	1062.7	954.7	666.2	618.0	867.2	599.4	978.1	408.0	587.6
	1999	1061.0	736.8	685.2	760.2	1074.9	664.9	500.2	606.9	540.0			
Orange	1994	472.3	313.4	932.8	780.3	697.4	533.9	684.2	636.3	423.3	570.8	514.7	358.2

Table C- 18: Calculated Minor Drain Flows (excluding NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Drain	1995	180.4	281.5	769.0	758.3	555.9	473.7	553.8	658.1	447.0	411.6	419.4	263.6
	1996	329.3	387.5	479.0	629.7	686.3	549.8	517.2	457.0	435.3	456.9	435.8	311.4
	1997	36.9	399.0	676.8	639.3	667.6	491.0	541.3	423.1	452.6	358.2	647.2	188.4
	1998	271.8	288.4	714.7	682.4	940.1	564.4	394.9	746.6	511.5	572.2	541.4	406.2
	1999	251.2	494.9	577.6	598.9	589.3	493.5	313.8	360.2	684.0			
Orient	1994												
	1995							293.3	230.5	240.8	267.5	212.9	138.2
	1996	153.3	178.8	236.5	282.8	291.2	203.1	225.1	173.1	204.4	306.9	213.8	221.9
	1997	15.6	194.7	320.2	322.6	362.5	306.8	229.9	260.7	254.9	272.5	308.1	146.1
	1998	217.3	0.0	256.5	320.1	353.9	312.8	201.8	222.3	199.5	362.9	225.1	174.3
	1999	198.1	169.1	198.9	269.5	268.1	186.6	150.2	149.5	271.6			
Orita	1994	538.8	383.9	730.4	917.2	532.3	324.1	487.8	485.9	393.6	560.8	467.9	350.6
	1995	211.6	301.3	713.1	773.9	505.5	436.5	381.0	462.5	431.0	355.2	444.2	229.6
	1996	356.2	432.4	560.5	682.8	415.9	413.9	515.6	428.8	616.1	303.6	447.8	311.6
	1997	30.4	546.7	675.3	680.3	720.6	642.6	631.1	503.5	618.3	445.2	479.7	297.1
	1998	387.6	322.0	727.1	809.9	629.4	405.4	601.0	447.2	745.8	611.3	415.8	258.2
	1999	408.7	426.4	662.0	688.7	681.0	654.0	450.1	420.2	550.3			
Osage	1994	459.4	380.4	781.5	860.9	428.4	411.5	343.0	415.5	379.3	437.1	642.3	269.5
	1995	214.9	439.5	820.4	679.7	384.1	483.0	523.4	591.6	360.7	495.1	391.9	275.4
	1996	472.2	472.3	699.0	784.1	470.9	578.3	521.0	502.1	455.5	456.9	423.4	431.2
	1997	23.8	493.1	715.9	649.0	556.6	565.2	777.8	481.0	544.6	503.6	349.2	201.8
	1998	385.9	336.9	728.8	597.5	471.7	459.9	351.9	408.5	460.6	478.4	445.1	451.8
	1999	443.9	402.0	701.2	542.2	550.2	538.9	413.8	336.7	499.9			
Oxalis	1994	468.1	282.8	772.2	830.6	736.0	596.1	635.8	671.5	582.9	572.1	770.9	155.4
	1995	196.4	357.3	705.6	917.7	507.4	656.4	539.8	631.6	462.6	613.6	456.2	406.4
	1996	251.1	409.1	587.8	604.3	641.2	617.0	583.5	560.6	586.5	638.3	464.1	552.0
	1997	27.6	540.0	747.4	974.0	810.1	612.2	692.7	777.1	793.6	669.4	654.9	471.2
	1998	444.3	336.6	732.2	761.6	973.8	714.9	600.5	775.4	492.1	639.3	702.5	607.6
	1999	421.9	601.1	709.5	611.1	809.9	804.1	682.6	634.1	482.7			

Table C- 18: Calculated Minor Drain Flows (excluding NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Palm	1994												
	1995							557.0	562.0	417.7	705.7	415.2	515.4
	1996	420.2	392.6	558.3	599.8	577.0	445.1	495.6	436.4	591.6	642.8	528.2	468.4
	1997	54.7	467.8	689.7	797.6	642.3	443.3	555.5	457.4	573.7	609.7	622.3	601.4
	1998	487.5	347.2	669.6	677.6	669.8	508.0	498.1	546.2	553.7	913.1	393.0	529.0
	1999	583.2	465.5	567.7	536.7	571.7	520.0	623.3	441.1	578.5			
Palmetto	1994	781.5	531.4	1141.4	1074.7	1281.9	1034.0	962.7	1028.9	879.3	1059.3	863.2	911.2
	1995	406.9	602.6	1107.6	1084.5	882.0	881.3	859.8	897.0	591.8	986.1	745.2	632.5
	1996	713.2	610.2	942.6	952.9	798.6	752.5	760.6	752.4	866.2	992.4	868.2	773.9
	1997	77.6	699.1	1123.2	1235.7	1024.3	849.3	910.6	750.9	948.3	928.5	889.2	806.3
	1998	712.3	478.1	1088.2	1097.4	1203.1	943.6	863.4	867.5	941.6	1257.3	679.9	795.9
	1999	816.8	669.4	936.0	898.9	1042.2	981.9	1072.7	732.3	871.5			
Peach	1994	186.0	105.4	333.0	479.1	451.1	418.3	392.9	240.5	285.5	253.7	217.1	194.1
	1995	96.7	125.4	437.2	471.2	332.1	318.0	332.3	276.1	267.6	216.5	176.8	128.9
	1996	161.0	244.7	326.0	353.7	309.5	241.9	344.1	200.2	255.6	253.5	199.8	140.2
	1997	17.7	264.0	357.3	458.2	387.9	303.6	406.6	322.2	361.9	298.5	215.6	128.0
	1998	193.7	147.1	304.4	466.7	397.4	321.1	340.8	246.0	290.4	261.6	173.7	162.2
	1999	185.9	206.2	269.3	368.7	377.2	305.6	406.3	263.2	330.6			
Pepper	1994	279.9	141.3	420.6									
	1995							283.3	275.6	322.8	267.7	211.3	230.3
	1996	220.6	182.2	359.2	404.4	311.7	343.0	308.5	347.3	182.8	305.7	174.2	188.0
	1997	21.8	308.1	412.3	467.6	367.7	350.8	443.8	339.3	340.8	402.1	282.5	275.9
	1998	261.8	178.0	414.7	415.1	505.9	349.0	367.4	319.8	274.0	366.2	240.3	258.4
	1999	245.5	290.8	381.2	331.9	425.1	386.9	314.0	143.1	368.5			
Pine	1994												
	1995							498.2	429.5	431.9	563.5	323.1	223.6
	1996	163.3	348.1	435.8	438.6	526.8	373.8	378.9	469.3	318.3	676.0	274.5	329.0
	1997	20.3	342.1	527.9	584.3	646.8	495.2	484.4	506.6	481.8	648.4	358.1	212.3

Table C- 18: Calculated Minor Drain Flows (excluding NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Drain	1998	227.3	246.9	519.7	509.7	667.9	543.5	410.9	486.4	466.8	493.2	353.4	271.1
	1999	339.6	241.8	352.5	361.4	636.3	516.0	389.1	449.4	532.8			
Plum	1994	315.5	253.0	368.1	507.9	372.6	356.0	359.0	394.1	308.8	315.7	301.4	320.0
	1995	115.6	144.4	537.1	493.5	403.7	314.2	295.3	324.5	198.2	363.1	228.4	130.7
	1996	200.6	217.6	381.8	386.5	412.3	253.7	354.2	212.6	148.7	367.5	272.1	129.8
	1997	16.5	312.8	422.3	477.3	343.5	348.4	401.4	337.2	286.9	292.0	287.4	375.7
	1998	168.3	189.1	471.0	494.6	447.2	421.6	401.5	231.3	331.6	333.5	223.4	200.0
	1999	243.4	306.3	322.1	435.4	534.3	445.6	326.2	320.3	434.1			
Pomelo	1994												
	1995							321.6	369.3	366.0	275.5	189.5	140.6
	1996	219.4	231.3	364.9	340.2	328.2	236.6	284.5	275.1	250.5	420.5	260.6	231.5
	1997	19.3	331.6	433.1	445.8	412.3	353.1	371.5	346.8	236.9	448.6	239.0	259.9
	1998	324.4	205.0	335.6	436.7	429.7	375.7	387.8	274.1	333.4	278.5	185.0	277.6
	1999	196.5	217.5	389.1	334.6	320.6	335.5	295.1	178.7	330.2			
Rockwood	1994	97.8	61.5	294.0	297.6	176.0	175.2	147.5	225.7	182.3	304.0	212.6	35.1
	1995	55.9	48.4	256.2	293.9	256.1	165.5	154.6	261.6	110.5	242.3	138.5	92.2
	1996	122.8	143.1	201.2	283.3	207.6	96.8	72.4	188.3	127.2	166.9	245.4	104.1
	1997	13.5	151.2	260.0	319.6	128.6	107.9	156.0	200.4	141.8	213.5	58.5	217.0
	1998	69.7	86.2	268.9	321.5	359.5	258.7	185.1	233.7	232.7	257.5	139.9	132.4
	1999	91.4	150.9	236.5	261.4	298.1	238.1	283.7	163.8	123.3			
Schali	1994	367.8	135.8	290.9	350.1	347.1	270.4	317.2	146.5	169.5	461.7	253.2	179.3
	1995	108.5	129.2	361.6	330.7	311.2	245.3	263.4	252.7	224.8	174.4	244.2	172.3
	1996	224.9	201.5	307.8	256.2	312.1	255.2	261.8	117.2	213.4	314.4	245.9	290.9
	1997	14.1	224.8	399.5	321.7	350.9	280.7	317.7	253.6	266.1	222.3	303.6	186.6
	1998	86.7	134.7	365.0	290.3	316.7	270.2	297.7	289.3	242.0	375.1	185.3	232.7
	1999	207.4	180.2	335.4	293.3	356.8	315.3	272.1	360.8	229.4			
South Alamo	1994	64.2	110.4	95.7	161.6	145.5	137.1	95.5	83.1	53.5	143.4	69.1	69.2
	1995	30.2	39.3	116.6	127.7	115.4	95.5	91.0	67.1	62.8	70.1	101.3	27.3

Table C- 18: Calculated Minor Drain Flows (excluding NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Drain	1996	43.3	62.7	116.1	114.2	98.4	93.9	110.4	85.6	67.8	43.3	101.9	63.6
	1997	6.2	108.8	118.0	125.3	140.2	129.9	65.9	86.8	88.0	125.5	117.5	56.3
	1998	63.4	60.7	102.0	132.9	141.9	85.0	86.9	75.0	88.6	116.5	53.6	63.3
	1999	50.8	76.4	77.0	122.4	159.1	75.9	68.3	61.2	93.8			
Standard	1994	416.1	333.5	897.1	1006.0	674.6							
	1995												
	1996												
	1997												
	1998												
	1999												
Toland	1994	14.9	14.2	19.9	24.2	23.0	19.8	20.0	23.9	13.6	30.4	14.8	17.5
	1995	7.0	13.9	26.2	21.8	15.1	13.9	17.0	19.5	11.2	13.7	12.3	13.9
	1996	11.5	12.1	19.8	15.9	17.0	9.8	24.2	15.1	14.5	10.3	13.3	15.1
	1997	1.3	12.7	10.6	21.5	22.0	22.4	22.0	18.7	15.7	13.9	13.9	16.6
	1998	13.1	10.3	13.8	21.1	27.4	7.6	28.5	9.0	15.3	53.0	12.3	13.7
	1999	13.5	14.6	10.8	19.2	21.4	15.8	32.0	16.0	0.0			
Township	1994												
	1995							326.1	311.5	190.7	379.8	245.1	272.9
	1996	227.2	237.7	438.4	362.8	337.8	297.2	307.7	109.2	325.0	314.7	255.1	295.6
	1997	24.9	297.9	467.5	455.3	441.4	330.2	333.5	134.4	387.3	465.2	289.5	204.0
	1998	239.1	204.1	422.5	434.2	423.5	427.9	343.0	344.9	368.1	415.7	224.6	256.2
	1999	240.1	241.7	396.8	403.2	429.6	359.9	343.4	209.3	239.7			
Vail 1	1994	44.6	37.6	40.2	64.3	92.0	77.2	77.6	87.3	76.9	60.2	41.7	55.3
	1995	28.1	31.4	52.0	73.3	64.8	52.5	65.4	75.3	25.9	67.7	34.2	39.7
	1996	31.6	34.5	28.6	61.2	57.2	66.6	31.3	76.3	88.1	56.1	87.5	35.4
	1997	3.7	119.1	52.0	113.6	122.2	57.8	63.7	96.4	42.2	52.8	78.3	67.8
	1998	65.4	49.0	137.2	151.1	19.2	61.3	59.0	85.7	65.4	67.8	49.1	55.1
	1999	86.5	98.4	148.4	55.3	63.9	7.3	66.1	73.6	64.3			

Table C- 18: Calculated Minor Drain Flows (excluding NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Vail 2	1994	38.5	11.9	46.4	39.7	39.2	30.2	35.1	36.2	29.7	35.2	21.9	24.0
	1995	15.0	22.6	39.3	50.7	37.5	27.8	32.7	33.0	19.5	40.2	31.4	19.2
	1996	21.5	21.5	39.7	45.9	28.5	22.0	28.7	29.8	19.6	66.1	31.0	24.8
	1997	2.5	29.3	47.9	49.6	45.8	29.3	44.6	38.1	18.6	45.6	32.4	25.2
	1998	31.1	17.3	41.2	50.0	57.0	35.1	42.1	33.8	39.6	53.9	25.5	26.0
	1999	25.2	26.9	40.8	40.2	38.7	31.1	43.2	31.3	45.8			
Warren	1994	819.4	524.4	1181.8	1269.3	1243.0	856.5	989.1	823.5	904.1	1048.0	745.3	868.3
	1995	396.7	594.3	1186.2	1245.0	950.3	827.1	859.7	784.0	581.8	853.8	709.0	670.6
	1996	677.7	630.6	978.7	1040.5	924.7	685.7	497.2	852.2	645.8	1126.6	867.8	694.7
	1997	57.9	627.6	1077.7	1234.9	1279.0	1225.8	1086.6	1050.6	794.8	950.4	815.8	780.1
	1998	728.5	459.4	1100.0	1128.0	1291.8	1282.5	1048.0	882.7	956.6	1087.6	729.0	705.2
	1999	914.8	610.2	930.0	912.1	1060.6	982.1	825.3	840.6	912.2			
Wills	1994	144.4	72.7	216.3	273.2	250.1	197.5	210.4	226.3	218.4	191.8	116.3	150.6
	1995	51.4	105.6	287.9	301.7	170.5	165.5	164.1	153.6	177.6	181.5	90.7	82.6
	1996	101.7	126.5	206.0	244.9	158.2	196.4	258.2	187.0	222.7	161.6	47.4	89.4
	1997	11.4	136.6	309.1	272.8	177.9	218.5	281.4	202.1	278.4	198.3	84.9	98.6
	1998	82.7	89.8	195.7	264.3	255.7	242.6	259.5	195.3	214.2	190.7	74.5	67.7
	1999	39.0	141.2	185.3	251.5	302.5	197.7	240.8	143.1	250.0			
Wores	1994	132.2	54.6	189.3	216.4	199.7	168.5	130.5	135.1	60.7	75.4	176.2	71.2
	1995	52.0	76.2	159.0	255.8	137.4	120.3	110.3	147.4	80.0	139.3	93.5	68.5
	1996	116.9	139.1	118.8	123.4	175.0	129.1	158.1	183.2	106.7	81.6	173.5	58.5
	1997	10.0	154.8	243.5	213.9	122.7	158.0	155.3	195.2	224.4	150.9	100.5	92.7
	1998	86.6	80.3	196.7	200.4	229.4	204.6	107.8	151.7	210.1	147.0	138.1	83.1
	1999	48.1	90.7	170.6	128.9	187.7	175.9	203.6	69.0	146.1			

Table C- 19: Calculated Minor Drain Flows (including NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Alamo	1994	2282.3	2022.9	3023.4	3606.7	3591.9	2758.4	2763.0	3001.0	2918.9	3334.2	2862.9	2064.6
	1995	1162.1	2029.8	3536.5	3562.2	2794.0	2337.6	2582.5	3036.1	2394.8	2936.9	2314.2	1810.1
	1996	2108.3	2087.2	2791.7	3040.1	2928.9	2454.1	2401.6	2305.5	2457.8	3059.9	2353.2	2224.0
	1997	217.1	2503.2	3418.7	3635.3	3426.5	2689.7	2840.5	3090.2	3504.5	3082.1	2721.4	1856.0
	1998	2273.0	1663.9	3111.5	3746.8	3711.4	3044.6	2239.3	2851.6	2953.0	3320.5	2320.6	2093.6
	1999	2004.9	2196.5	2788.8	3253.2	3066.4	2590.4	2316.8	2236.7	2585.5			
All-American	1994	0.0	0.0	179.3	223.2	195.3	171.1	187.1	149.2	61.4	6.2	7.0	2.7
	1995	0.0	13.4	228.6	187.7	107.3	144.4	157.7	82.0	2.6	6.9	3.5	156.6
	1996	134.0	102.8	124.6	127.6	0.0	0.0	26.7	141.3	76.4	163.0	113.0	111.3
	1997	11.1	79.1	111.5	152.5	174.0	171.1	151.6	54.5	0.0	281.2	0.0	21.1
	1998	121.2	0.0	98.7	134.3	104.0	0.0	0.0	164.5	0.0	189.9	82.7	13.9
	1999	105.4	0.0	146.2	84.2	158.8	124.4	118.0	83.5	215.1			
Bailey	1994	86.1	58.0	76.8	85.2	58.7	23.3	85.7	61.6	90.3	61.8	44.0	56.5
	1995	35.2	36.3	62.2	100.2	39.7	16.6	46.7	115.1	22.5	112.4	66.1	32.9
	1996	54.2	37.2	78.3	81.8	60.3	39.5	68.5	54.7	25.6	64.8	50.3	48.6
	1997	3.8	81.3	88.2	62.4	46.8	35.2	112.2	41.4	104.6	40.1	46.5	53.9
	1998	85.8	41.3	92.7	105.0	59.9	91.9	68.8	87.8	131.7	75.0	77.9	51.2
	1999	68.6	57.6	69.9	60.1	61.1	78.2	158.9	75.4	110.6			
Bryan	1994	98.7	124.6	554.7	549.6	440.4	520.6	665.5	577.3	345.0	485.2	283.3	340.2
	1995	128.1	365.4	602.6	595.2	406.0	282.7	370.4	467.1	305.7	293.3	304.7	290.8
	1996	203.6	288.6	525.9	408.5	320.5	415.0	423.0	409.0	429.1	289.1	326.0	213.7
	1997	30.1	301.2	599.4	565.9	573.2	541.9	540.5	555.4	406.2	172.0	235.5	304.2
	1998	243.7	198.5	564.6	559.9	442.5	444.9	416.4	501.9	266.6	314.2	154.8	198.0
	1999	336.1	204.7	507.3	483.6	519.7	478.5	587.1	438.9	387.2			
C	1994	641.8	771.1	1301.1	1643.9	1313.3	997.8	1223.9	1243.5	1103.1	871.1	813.4	781.5
	1995	330.6	841.0	1373.9	1412.7	1041.6	963.0	882.3	1313.3	721.6	720.6	681.6	558.6
	1996	582.4	926.1	1271.8	1260.7	890.1	731.7	862.6	744.0	1327.4	781.0	661.9	607.1

Table C- 19: Calculated Minor Drain Flows (including NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1997	61.6	1099.4	1448.9	1190.0	1015.2	830.6	1192.3	1150.9	1126.9	968.5	769.4	683.4
	1998	610.6	694.0	1437.3	1557.6	1420.3	1417.2	1362.0	1345.4	1286.4	880.1	730.7	549.2
	1999	635.5	871.3	1226.8	1104.3	1447.7	1319.9	1101.4	925.1	1384.5			
D	1994	120.0	77.5	189.1	190.5	137.0	126.2	116.7	133.6	120.5	121.6	75.8	154.9
	1995	67.0	121.7	198.9	205.2	151.9	86.6	89.0	71.6	105.7	149.7	127.1	129.7
	1996	114.1	105.4	176.7	163.6	123.7	90.5	91.6	49.0	65.6	97.3	134.4	103.8
	1997	13.1	124.9	186.2	199.5	138.2	123.0	178.7	186.8	116.6	141.7	93.3	110.5
	1998	134.9	80.8	220.0	211.0	143.8	131.3	161.3	142.7	191.6	149.8	87.9	95.2
	1999	125.1	95.2	204.2	162.8	191.8	118.1	123.6	180.2	151.6			
Darling	1994	322.3	354.1	853.7	1023.6	371.4	341.7	360.6	388.8	388.8	561.0	445.4	190.4
	1995	148.7	277.4	579.5	620.6	461.3	488.5	394.2	490.2	334.5	506.1	269.2	173.6
	1996	298.3	341.2	536.3	685.1	341.6	405.2	449.2	379.1	360.0	484.6	333.0	297.1
	1997	26.2	297.6	556.7	635.7	581.0	594.8	648.4	622.0	476.0	366.4	336.5	205.2
	1998	215.3	242.2	522.7	711.1	623.5	443.4	702.2	386.7	501.3	387.1	269.6	260.6
	1999	289.9	306.4	625.2	429.6	631.0	671.7	310.5	382.4	372.3			
E	1994	589.9	416.9	859.0	1104.7	1026.4	807.6	839.4	953.2	812.4	580.8	608.4	556.5
	1995	277.5	704.4	866.1	1011.3	838.1	785.1	738.4	922.2	619.7	686.6	505.0	591.4
	1996	457.4	751.6	851.0	892.1	709.4	789.5	720.5	858.8	628.8	809.4	567.5	601.8
	1997	48.9	659.7	1170.8	1090.7	983.0	675.6	890.5	921.8	856.2	796.3	698.4	531.5
	1998	507.1	474.0	980.8	1072.8	1364.2	971.4	815.2	921.0	961.3	1186.5	492.3	509.8
	1999	559.3	530.7	908.8	1007.6	1115.9	1070.6	1000.7	748.3	782.2			
G	1994	908.8	667.7	1226.8	1891.8	1480.5	1326.5	1355.6	1291.6	854.7	1121.5	942.5	867.3
	1995	529.5	1034.3	1643.4	1725.7	1449.6	1228.1	1557.1	1541.3	855.3	1436.1	1075.2	973.8
	1996	993.5	1035.9	1632.3	1576.0	1469.9	1402.0	1465.0	1131.1	1208.6	1110.2	859.4	1276.8
	1997	170.8	1162.8	1895.7	1983.6	1380.4	1315.5	1735.6	1543.0	1773.4	1096.5	973.6	1068.3
	1998	883.6	245.3	1725.5	1895.1	1986.5	1529.4	1668.6	1504.2	1670.0	1316.9	1020.6	955.0
	1999	805.8	820.5	1381.4	1588.1	1549.0	1199.4	1146.7	1025.8	838.8	109.4	105.0	105.6
Graeser	1994	79.0	34.8	158.4	133.0	136.8	126.8	147.1	123.2	30.8	41.8	55.3	91.3

Table C- 19: Calculated Minor Drain Flows (including NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1995	30.1	97.4	124.0	197.3	31.2	108.0	72.0	58.1	140.0	69.3	48.8	114.8
	1996	64.9	87.3	122.7	83.0	77.4	142.2	84.3	96.2	74.3	83.6	42.3	115.6
	1997	1.4	137.4	174.1	209.4	68.1	141.0	130.6	70.9	181.1	81.6	64.7	68.4
	1998	100.3	71.8	142.9	129.0	176.5	152.2	138.9	143.7	133.8	129.1	47.7	159.5
	1999	22.5	109.1	151.9	66.8	146.5	128.5	141.6	103.2	138.4			
I	1994	589.2	635.4	1259.3	1250.8	995.5	828.0	686.4	844.5	992.9	892.8	569.5	644.0
	1995	342.3	677.3	1643.3	1585.9	1067.9	1065.8	1300.5	1185.0	809.2	914.9	577.2	870.5
	1996	692.6	962.2	1208.7	1271.8	847.5	741.2	862.9	570.1	1057.0	999.2	760.5	977.8
	1997	71.7	898.5	1775.1	1565.7	1338.0	1058.8	1068.4	1099.1	1340.5	846.3	896.7	900.8
	1998	564.4	633.3	1290.4	1142.2	1114.2	1228.2	1317.9	1173.2	1099.4	1170.0	530.7	679.8
	1999	607.8	927.6	1316.4	1050.4	1238.6	1078.8	1033.2	706.7	962.2			
J	1994	334.6	510.3	597.0	678.5	559.9	534.1	601.4	421.8	441.0	461.5	402.5	272.1
	1995	213.3	424.9	717.2	928.3	632.9	514.4	602.3	676.4	552.6	471.5	311.4	448.5
	1996	448.8	471.9	760.9	706.2	585.1	599.8	647.8	521.7	655.2	361.3	373.2	469.1
	1997	43.8	507.3	1179.8	1091.8	895.7	667.1	761.9	848.0	643.8	404.2	537.7	516.5
	1998	363.1	369.9	891.7	864.6	663.2	713.4	654.5	917.1	855.9	626.8	560.6	283.8
	1999	384.0	498.0	789.9	724.1	863.5	787.9	736.5	571.2	706.4			
Jones	1994	39.3	27.4	55.5	70.5	1.4	45.3	24.5	30.5	34.2	56.1	30.0	58.0
	1995	14.0	22.9	25.2	23.2	17.0	42.8	43.6	19.6	28.1	54.4	24.9	34.4
	1996	19.9	21.2	35.9	37.5	21.8	42.5	36.0	26.3	28.8	42.5	31.1	46.7
	1997	2.4	22.8	32.9	28.8	48.2	31.6	36.3	23.6	44.8	12.6	6.4	49.0
	1998	32.7	18.1	52.4	54.6	29.2	51.0	48.5	36.7	25.5	117.5	39.2	47.7
	1999	16.9	24.0	47.8	40.2	41.1	58.2	45.6	31.7	55.0			
K	1994	270.9	246.8	607.9	815.5	599.4	454.3	486.6	585.2	594.5	416.6	318.7	181.9
	1995	116.6	437.5	625.0	700.7	456.0	313.2	498.0	519.1	452.7	390.6	425.1	414.9
	1996	188.3	483.0	730.9	688.1	506.6	634.1	444.9	695.6	579.1	592.8	272.5	641.8
	1997	18.1	753.5	937.3	1137.9	964.6	486.8	1054.6	1161.0	941.3	639.5	448.5	282.3
	1998	269.1	367.0	1038.3	947.7	836.2	667.6	888.3	918.8	888.5	811.3	236.6	248.4
	1999	187.3	453.0	896.6	828.0	974.0	860.6	697.5	737.4	696.4			

Table C- 19: Calculated Minor Drain Flows (including NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
L	1994	495.2	431.7	707.0	826.9	638.0	333.3	461.3	413.3	389.7	381.8	264.8	493.5
	1995	207.5	504.6	677.9	726.0	630.6	411.6	526.4	484.6	508.1	247.3	212.0	424.7
	1996	372.1	518.7	645.9	587.8	383.2	393.4	356.1	478.5	456.2	336.1	166.1	293.5
	1997	29.7	496.6	778.5	738.4	771.0	549.4	705.0	757.8	673.8	433.0	496.9	399.1
	1998	406.1	356.5	635.3	711.5	866.9	679.4	689.0	684.9	636.4	533.6	317.7	342.2
	1999	378.2	361.9	780.4	642.1	814.3	639.0	745.0	574.9	584.1			
Lewis	1994	215.8	61.0	244.1	219.7	133.5	172.5	162.1	186.5	111.3	149.8	187.4	236.1
	1995	87.8	193.7	326.9	287.9	116.0	103.3	114.0	171.3	123.9	306.9	148.9	154.5
	1996	126.3	76.5	207.5	174.5	138.3	168.5	132.5	109.0	146.7	243.4	152.9	176.1
	1997	9.5	125.3	255.5	216.8	231.5	175.8	131.3	79.1	157.7	250.6	164.0	194.7
	1998	172.7	90.4	195.7	213.9	291.8	286.1	134.1	177.8	112.4	178.8	117.4	197.1
	1999	221.6	136.9	286.6	251.3	163.2	77.5	199.8	72.6	188.0			
M	1994	217.9	255.9	531.3	585.8	501.3	365.5	324.8	453.9	308.0	292.5	279.1	164.4
	1995	140.0	334.5	510.5	510.7	396.6	347.6	357.4	461.3	308.2	243.0	188.5	387.2
	1996	213.3	344.2	505.2	414.1	380.8	435.4	475.7	411.5	268.7	220.1	253.9	419.0
	1997	22.6	381.3	560.9	649.4	522.7	492.2	434.4	622.0	479.4	394.6	408.3	304.4
	1998	352.2	253.4	531.6	534.2	530.6	588.3	506.9	520.5	399.5	518.9	303.7	273.2
	1999	298.2	329.6	518.2	423.2	479.9	460.4	507.0	459.0	494.4			
Magnolia	1994	217.3	133.3	424.7	500.6	422.8	324.1	419.8	437.1	391.7	221.4	205.4	281.5
	1995	121.4	226.9	446.0	454.2	298.1	327.5	320.2	326.3	157.7	146.9	278.7	194.0
	1996	232.0	325.0	316.6	338.2	296.9	210.2	313.3	324.3	246.4	383.0	238.7	199.7
	1997	17.8	199.0	423.3	346.8	416.5	336.9	398.9	462.1	412.7	268.4	327.3	243.9
	1998	220.0	176.0	411.1	409.4	407.3	377.2	295.3	288.6	255.4	264.7	185.6	162.3
	1999	282.8	248.4	375.9	315.0	327.7	335.1	291.3	356.5	278.7			
Malva	1994	301.4	302.8	505.5	684.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1995	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	486.3	272.1	294.1
	1996	365.6	418.0	573.0	575.3	447.5	308.8	357.7	260.1	562.2	445.3	447.9	316.7
	1997	39.8	402.0	728.7	719.2	739.3	535.8	484.4	495.0	496.5	416.7	484.5	245.3

Table C- 19: Calculated Minor Drain Flows (including NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Drain	1998	363.6	45.1	612.2	642.7	450.3	461.0	507.8	390.0	679.8	422.2	254.2	315.1
	1999	404.8	358.5	613.8	471.8	451.0	477.5	466.5	496.9	644.7			
Maple	1994	439.7	489.7	888.1	943.6	496.9	558.2	706.2	482.3	527.6	645.4	403.9	454.0
	1995	48.6	324.5	800.3	876.2	516.5	502.9	687.9	590.0	433.7	512.0	483.9	338.4
	1996	438.9	447.2	689.7	738.3	519.5	408.2	421.8	415.8	325.0	532.2	417.9	410.0
	1997	39.1	562.0	824.9	898.3	515.4	536.2	538.5	443.2	458.7	417.7	411.5	369.7
	1998	391.0	55.5	903.3	859.5	783.7	638.7	696.5	649.0	830.0	579.0	484.1	351.2
	1999	586.3	401.7	819.8	789.0	692.2	546.4	790.9	386.0	707.4			
Marigold	1994	359.5	183.4	801.1	763.7	555.5							
	1995												
	1996												
	1997												
	1998												
	1999												
Mayflower	1994	421.2	298.4	836.6	802.1	759.3							
	1995	0.0											
	1996												
	1997												
	1998												
	1999												
Mesquite	1994	1344.5	970.4	2735.3	2934.6	2254.3	1855.1	2153.2	2213.3	2063.3	2099.4	1436.2	1314.8
	1995	685.0	1109.2	2596.1	2603.9	2002.3	1858.3	1867.1	1948.8	1682.7	1592.7	1409.7	982.0
	1996	1281.4	1130.1	2050.8	2410.1	1655.9	1770.5	1792.4	1687.8	1881.3	1867.7	1561.0	1244.8
	1997	117.0	1694.8	2616.5	2802.6	2389.2	2049.3	2319.6	2334.4	2047.7	1778.3	1748.2	1051.5
	1998	1134.8	995.1	2775.1	2691.7	2558.3	1945.7	1942.3	1911.9	1909.8	2177.6	1311.6	1285.1
	1999	1461.3	1581.9	2324.9	2060.8	2542.7	2099.8	2236.8	1762.0	1905.6			
Moorehead	1994	87.4	68.2	80.9	157.0	34.8	35.7	107.8	126.3	96.8	59.2	53.0	29.6
	1995	24.7	61.2	74.8	124.2	73.2	35.2	72.4	94.4	65.7	56.7	41.5	79.4

Table C- 19: Calculated Minor Drain Flows (including NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Drain	1996	35.1	61.9	77.3	62.3	22.9	65.1	28.1	74.4	53.9	45.7	34.1	50.1
	1997	1.1	20.7	88.8	55.2	81.6	117.1	104.4	117.4	102.5	102.4	20.0	21.1
	1998	53.0	39.6	53.6	87.7	112.4	119.7	150.5	165.5	153.2	75.5	6.8	89.1
	1999	50.4	46.7	72.7	62.8	124.6	119.0	117.6	125.6	144.0			
Moss	1994	281.2	256.8	504.5	508.1	530.4	448.3	453.1	442.2	346.0	309.8	343.5	294.5
	1995	161.4	369.5	692.3	528.5	407.0	333.8	448.6	473.1	126.5	432.5	328.8	169.3
	1996	251.5	415.0	504.3	548.5	320.9	356.6	390.6	423.0	331.7	408.1	416.3	252.7
	1997	26.2	351.4	630.2	612.6	374.2	438.7	473.4	457.9	395.2	396.3	278.5	280.9
	1998	374.6	279.8	555.2	642.2	420.8	352.3	436.2	420.4	530.7	457.7	323.8	266.9
	1999	341.2	422.1	601.4	515.6	528.2	502.2	481.0	414.7	511.5			
Mulberry	1994	477.1	312.2	877.7	893.0	772.2	798.6						
	1995										789.4	572.4	419.3
	1996	464.8	629.0	829.2	712.9	577.8	583.3	649.0	456.8	743.5	622.9	656.9	471.8
	1997	49.0	667.1	1016.5	983.2	742.2	589.0	707.3	635.2	1055.7	845.7	630.0	406.5
	1998	513.1	412.9	933.9	908.0	769.9	881.5	609.6	761.4	1007.4	736.6	555.5	486.4
	1999	625.7	503.3	808.8	765.7	718.5	827.2	854.7	550.8	794.1			
Mullen	1994	504.0	292.3	748.8	804.7	657.4	673.8	673.7	478.8	431.9	758.8	416.8	452.5
	1995	196.5	305.2	715.5	914.4	585.0	493.8	588.5	462.9	415.7	527.3	343.3	485.5
	1996	345.2	457.3	575.4	607.4	411.5	585.5	646.9	471.3	536.0	716.8	359.8	472.0
	1997	34.7	489.1	813.8	872.1	678.8	673.4	627.9	734.4	820.9	545.6	415.2	331.2
	1998	343.6	315.9	729.3	743.2	801.4	724.0	761.3	722.0	497.0	442.4	531.5	490.1
	1999	307.7	502.6	734.7	637.8	744.5	685.9	627.7	611.8	556.0			
Munyon	1994	457.6	316.0	626.0	811.2	447.3	407.6	527.5	406.8	500.3	480.4	440.2	294.5
	1995	207.1	367.9	651.4	681.9	408.3	398.2	471.1	349.5	330.0	340.4	367.4	252.3
	1996	338.7	341.0	533.4	590.6	301.5	447.0	437.9	364.6	516.1	355.2	384.9	309.7
	1997	37.4	420.8	648.6	771.8	572.7	478.8	537.1	436.8	552.3	433.1	421.7	352.1
	1998	376.2	255.7	620.5	671.6	534.8	610.8	501.4	603.6	348.8	320.1	377.9	216.7
	1999	398.1	215.2	606.7	454.7	430.3	576.9	600.3	488.7	456.2			

Table C- 19: Calculated Minor Drain Flows (including NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Myrtle	1994	344.7	192.4	545.8	458.7	486.9	389.3	657.0	440.5	339.3	382.0	222.4	322.9
	1995	169.7	239.6	575.9	587.5	500.5	468.6	409.6	442.7	320.3	386.7	390.6	237.8
	1996	251.7	367.9	430.4	398.4	454.0	355.7	481.3	387.2	379.5	434.1	328.1	176.0
	1997	32.2	360.0	591.9	627.7	530.0	407.5	544.6	473.8	529.7	394.0	336.0	119.0
	1998	329.6	224.4	631.8	587.2	541.9	549.7	455.2	435.9	407.3	411.0	307.1	291.0
	1999	346.2	286.4	577.1	502.0	445.4	546.3	430.0	406.4	492.9			
N	1994	307.6	218.6	433.7	515.0	449.0	311.6	495.0	502.0	413.5	405.1	268.5	295.6
	1995	147.7	279.1	619.7	663.6	500.6	335.7	357.9	538.9	367.7	332.8	327.2	289.9
	1996	238.5	230.1	463.6	515.4	377.2	285.9	369.9	410.2	339.7	378.6	260.6	398.7
	1997	24.2	306.6	655.6	735.8	546.9	425.3	398.2	501.1	379.6	528.4	381.3	324.8
	1998	309.2	195.9	540.4	561.0	472.8	304.5	371.2	472.8	541.8	518.5	201.6	311.4
	1999	289.2	242.8	495.6	601.0	458.7	501.4	445.3	237.9	344.5			
Narcissus	1994	209.6	295.3	828.2	772.4	715.4	662.3						
	1995												
	1996												
	1997												
	1998												
	1999												
Nectarine	1994	422.8	284.3	857.1	849.6								
	1995										431.5	391.1	417.5
	1996	629.4	448.7	748.8	696.2	340.3	545.4	648.9	364.0	423.7	458.9	518.5	514.3
	1997	43.6	621.1	840.1	785.6	519.2	512.6	580.9	465.9	818.6	806.0	478.3	446.9
	1998	510.6	362.3	885.1	824.0	640.5	545.5	719.1	534.7	917.7	538.4	374.8	304.1
	1999	582.4	512.6	775.5	677.1	759.9	772.4	674.6	683.5	658.5			
Nettle	1994	468.6	401.5	990.9	998.1	799.5	681.4	697.5					
	1995										435.3	472.8	366.7
	1996	340.4	564.4	766.2	838.1	538.9	436.3	574.3	324.2	417.3	281.5	333.6	464.1
	1997	40.2	535.9	966.4	929.7	593.7	506.7	702.8	597.4	875.8	655.7	427.2	537.9
	1998	396.9	373.7	968.5	877.0	723.4	841.6	624.3	770.4	776.2	524.3	478.8	370.1

Table C- 19: Calculated Minor Drain Flows (including NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1999	437.3	415.6	866.2	823.5	694.5	543.5	686.4	666.3	767.6			
Ninth St.	1994	52.9	85.0	133.9	147.6	69.1	40.9	35.5	104.2	9.5	114.1	119.2	33.7
	1995	30.9	57.9	110.9	161.7	88.8	100.9	78.2	81.6	40.0	71.2	59.8	56.6
	1996	31.4	47.5	83.4	103.3	72.3	73.9	81.3	111.3	67.7	30.8	111.5	32.9
	1997	7.9	40.3	112.3	111.3	91.1	83.1	81.6	80.3	58.8	100.0	61.3	41.8
	1998	66.8	44.8	90.4	146.0	127.3	76.7	108.7	47.7	124.5	71.7	94.8	46.7
	1999	61.2	64.0	114.6	102.2	90.0	98.9	75.7	58.9	85.2			
Nutmeg	1994	651.1	255.9	824.4	881.1								
	1995	0.0									0.0	0.0	0.0
	1996	374.2	498.8	683.3	843.4	617.4	532.6	482.6	421.7	625.1	450.9	369.6	510.5
	1997	35.3	615.0	904.8	870.5	780.7	417.2	685.2	487.5	595.4	688.5	450.6	225.8
	1998	509.5	371.6	951.0	972.1	850.4	910.5	847.4	777.6	976.2	626.6	399.3	241.7
	1999	541.9	539.3	877.7	661.4	758.6	742.9	654.4	764.2	936.4			
Oak	1994	459.1	271.5	491.9	624.6	573.1	462.9	452.5	470.8	335.2	343.6	479.3	396.4
	1995	209.3	406.7	724.3	695.2	428.7	424.1	459.9	373.7	274.6	313.5	461.0	215.3
	1996	362.2	372.2	542.9	542.3	322.5	506.4	412.9	545.2	388.1	265.5	459.6	242.6
	1997	31.3	366.3	589.2	640.4	384.9	575.2	622.1	562.6	636.5	356.3	455.4	210.3
	1998	355.7	284.0	628.1	556.6	534.8	582.3	524.5	503.5	601.2	259.5	307.4	381.4
	1999	474.6	358.8	617.5	456.9	372.3	566.2	552.1	301.3	434.6			
Oasis	1994												
	1995							229.0	164.7	0.0	199.4	203.9	94.0
	1996	220.3	117.6	265.9	245.6	226.7	223.4	181.0	119.4	193.2	202.4	221.9	166.6
	1997	14.2	186.8	279.0	264.6	295.3	265.7	287.9	233.4	237.7	199.6	144.0	201.4
	1998	131.1	116.2	264.4	330.4	271.2	246.0	173.3	131.8	224.1	226.0	231.6	108.5
	1999	229.5	140.1	259.9	246.7	259.2	167.3	165.2	137.4	212.9			
Oat	1994												
	1995							214.3	0.0	152.7	242.5	180.1	142.8
	1996	91.1	180.2	202.2	236.6	244.2	181.5	194.6	160.4	172.7	284.4	180.9	185.1

Table C- 19: Calculated Minor Drain Flows (including NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1997	8.6	217.2	289.1	329.0	319.1	223.4	229.2	194.8	299.6	259.0	154.7	188.4
	1998	166.4	0.0	285.2	294.5	361.2	266.7	223.4	184.8	217.0	270.2	171.8	147.9
	1999	147.9	152.5	274.6	237.8	270.1	244.6	262.8	162.6	261.9			
Occident	1994	148.0	153.7	305.8	342.6	387.2	327.4	315.4	295.5	314.6	247.0	157.3	209.7
	1995	97.6	131.4	352.5	278.0	280.3	273.4	252.0	238.9	229.3	211.9	192.7	129.6
	1996	189.8	144.4	267.8	251.2	237.6	212.9	207.8	215.6	172.3	299.7	236.8	150.9
	1997	17.3	147.2	298.8	388.3	326.9	289.4	267.1	347.5	304.2	351.9	216.0	176.0
	1998	174.6	114.1	331.7	322.8	368.2	304.8	252.5	188.9	241.8	366.6	172.8	143.6
	1999	218.6	168.2	264.2	270.6	288.2	261.4	193.8	172.5	299.0			
Ohmar	1994	520.1	442.0	780.1	930.6	831.6	626.9	781.1	580.1	687.4	676.7	620.6	498.6
	1995	261.7	395.7	840.1	819.3	630.9	538.8	547.7	542.4	494.5	680.9	643.9	365.6
	1996	553.9	603.0	816.7	842.8	484.6	506.1	389.9	478.8	558.1	664.8	555.9	424.0
	1997	39.8	521.7	720.1	640.4	765.6	677.2	703.9	783.5	686.3	741.2	573.3	556.4
	1998	390.5	375.7	717.8	806.6	920.3	691.0	669.4	670.3	693.6	756.1	376.1	509.6
	1999	571.4	467.6	797.7	765.4	642.7	659.7	556.9	585.9	613.5			
Oleander	1994	461.3	493.6	843.9	958.4	626.9	648.9	550.9	802.9	605.7	721.2	555.9	500.6
	1995	233.5	474.9	796.4	840.6	557.3	591.3	620.6	696.8	447.5	567.9	516.7	329.3
	1996	418.3	404.6	625.1	684.8	589.8	534.8	540.0	436.0	445.0	478.1	633.4	430.3
	1997	39.3	495.1	811.9	829.6	648.0	577.3	743.7	610.6	616.8	516.6	578.3	401.7
	1998	436.4	357.8	821.1	810.2	849.0	629.5	695.7	508.3	551.8	675.0	407.4	412.7
	1999	472.1	472.5	758.9	617.1	676.6	700.2	770.9	567.9	569.6			
Olive	1994	669.7	334.8	679.7	831.2	844.2	698.3	732.0	879.9	653.5	625.6	871.6	365.1
	1995	408.5	437.8	795.5	929.3	847.0	785.3	892.1	803.1	511.3	648.0	591.5	328.9
	1996	574.6	529.0	626.5	763.8	659.1	703.4	829.7	695.7	663.4	691.9	733.1	658.8
	1997	60.7	565.3	725.7	1057.2	896.7	817.7	736.5	640.4	699.3	485.8	482.6	328.7
	1998	920.5	400.5	572.0	1062.7	954.7	666.2	618.0	867.2	599.4	978.1	408.0	587.6
	1999	1061.0	736.8	685.2	760.2	1074.9	664.9	500.2	606.9	540.0			
Orange	1994	472.3	313.4	932.8	780.3	697.4	533.9	684.2	636.3	423.3	570.8	514.7	358.2

Table C- 19: Calculated Minor Drain Flows (including NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Drain	1995	180.4	281.5	769.0	758.3	555.9	473.7	553.8	658.1	447.0	411.6	419.4	263.6
	1996	329.3	387.5	479.0	629.7	686.3	549.8	517.2	457.0	435.3	456.9	435.8	311.4
	1997	36.9	399.0	676.8	639.3	667.6	491.0	541.3	423.1	452.6	358.2	647.2	188.4
	1998	271.8	288.4	714.7	682.4	940.1	564.4	394.9	746.6	511.5	572.2	541.4	406.2
	1999	251.2	494.9	577.6	598.9	589.3	493.5	313.8	360.2	684.0			
Orient	1994												
	1995							293.3	230.5	240.8	267.5	212.9	138.2
	1996	153.3	178.8	236.5	282.8	291.2	203.1	225.1	173.1	204.4	306.9	213.8	221.9
	1997	15.6	194.7	320.2	322.6	362.5	306.8	229.9	260.7	254.9	272.5	308.1	146.1
	1998	217.3	0.0	256.5	320.1	353.9	312.8	201.8	222.3	199.5	362.9	225.1	174.3
	1999	198.1	169.1	198.9	269.5	268.1	186.6	150.2	149.5	271.6			
Orita	1994	538.8	383.9	730.4	917.2	532.3	324.1	487.8	485.9	393.6	560.8	467.9	350.6
	1995	211.6	301.3	713.1	773.9	505.5	436.5	381.0	462.5	431.0	355.2	444.2	229.6
	1996	356.2	432.4	560.5	682.8	415.9	413.9	515.6	428.8	616.1	303.6	447.8	311.6
	1997	30.4	546.7	675.3	680.3	720.6	642.6	631.1	503.5	618.3	445.2	479.7	297.1
	1998	387.6	322.0	727.1	809.9	629.4	405.4	601.0	447.2	745.8	611.3	415.8	258.2
	1999	408.7	426.4	662.0	688.7	681.0	654.0	450.1	420.2	550.3			
Osage	1994	459.4	380.4	781.5	860.9	428.4	411.5	343.0	415.5	379.3	437.1	642.3	269.5
	1995	214.9	439.5	820.4	679.7	384.1	483.0	523.4	591.6	360.7	495.1	391.9	275.4
	1996	472.2	472.3	699.0	784.1	470.9	578.3	521.0	502.1	455.5	456.9	423.4	431.2
	1997	23.8	493.1	715.9	649.0	556.6	565.2	777.8	481.0	544.6	503.6	349.2	201.8
	1998	385.9	336.9	728.8	597.5	471.7	459.9	351.9	408.5	460.6	478.4	445.1	451.8
	1999	443.9	402.0	701.2	542.2	550.2	538.9	413.8	336.7	499.9			
Oxalis	1994	468.1	282.8	772.2	830.6	736.0	596.1	635.8	671.5	582.9	572.1	770.9	155.4
	1995	196.4	357.3	705.6	917.7	507.4	656.4	539.8	631.6	462.6	613.6	456.2	406.4
	1996	251.1	409.1	587.8	604.3	641.2	617.0	583.5	560.6	586.5	638.3	464.1	552.0
	1997	27.6	540.0	747.4	974.0	810.1	612.2	692.7	777.1	793.6	669.4	654.9	471.2
	1998	444.3	336.6	732.2	761.6	973.8	714.9	600.5	775.4	492.1	639.3	702.5	607.6
	1999	421.9	601.1	709.5	611.1	809.9	804.1	682.6	634.1	482.7			

Table C- 19: Calculated Minor Drain Flows (including NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Palm	1994												
	1995							557.0	562.0	417.7	705.7	415.2	515.4
	1996	420.2	392.6	558.3	599.8	577.0	445.1	495.6	436.4	591.6	642.8	528.2	468.4
	1997	54.7	467.8	689.7	797.6	642.3	443.3	555.5	457.4	573.7	609.7	622.3	601.4
	1998	487.5	347.2	669.6	677.6	669.8	508.0	498.1	546.2	553.7	913.1	393.0	529.0
	1999	583.2	465.5	567.7	536.7	571.7	520.0	623.3	441.1	578.5			
Palmetto	1994	827.0	531.4	1141.4	1074.7	1328.8	1077.8	1006.9	1073.6	923.3	1059.3	917.4	958.8
	1995	455.0	648.9	1107.6	1131.5	941.2	881.3	919.5	953.4	647.5	1045.9	797.3	687.0
	1996	776.4	675.6	988.3	1004.1	837.2	803.5	800.6	788.3	905.9	1040.5	928.2	832.3
	1997	128.8	744.0	1171.7	1283.6	1075.4	898.7	967.6	800.2	1002.7	982.8	941.4	860.4
	1998	766.3	526.5	1141.0	1147.9	1253.4	991.3	914.8	919.8	993.1	1307.8	728.1	850.0
	1999	868.5	713.3	984.5	950.7	1095.7	1039.9	1121.3	787.3	918.5	57.6	47.0	48.6
Peach	1994	186.0	105.4	333.0	479.1	451.1	418.3	392.9	240.5	285.5	253.7	217.1	194.1
	1995	96.7	125.4	437.2	471.2	332.1	318.0	332.3	276.1	267.6	216.5	176.8	128.9
	1996	161.0	244.7	326.0	353.7	309.5	241.9	344.1	200.2	255.6	253.5	199.8	140.2
	1997	17.7	264.0	357.3	458.2	387.9	303.6	406.6	322.2	361.9	298.5	215.6	128.0
	1998	193.7	147.1	304.4	466.7	397.4	321.1	340.8	246.0	290.4	261.6	173.7	162.2
	1999	185.9	206.2	269.3	368.7	377.2	305.6	406.3	263.2	330.6			
Pepper	1994	279.9	141.3	420.6									
	1995							283.3	275.6	322.8	267.7	211.3	230.3
	1996	220.6	182.2	359.2	404.4	311.7	343.0	308.5	347.3	182.8	305.7	174.2	188.0
	1997	21.8	308.1	412.3	467.6	367.7	350.8	443.8	339.3	340.8	402.1	282.5	275.9
	1998	261.8	178.0	414.7	415.1	505.9	349.0	367.4	319.8	274.0	366.2	240.3	258.4
	1999	245.5	290.8	381.2	331.9	425.1	386.9	314.0	143.1	368.5			
Pine	1994												
	1995							498.2	429.5	431.9	563.5	323.1	223.6
	1996	163.3	348.1	435.8	438.6	526.8	373.8	378.9	469.3	318.3	676.0	274.5	329.0
	1997	20.3	342.1	527.9	584.3	646.8	495.2	484.4	506.6	481.8	648.4	358.1	212.3

Table C- 19: Calculated Minor Drain Flows (including NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Drain	1998	227.3	246.9	519.7	509.7	667.9	543.5	410.9	486.4	466.8	493.2	353.4	271.1
	1999	339.6	241.8	352.5	361.4	636.3	516.0	389.1	449.4	532.8			
Plum	1994	315.5	253.0	368.1	507.9	372.6	356.0	359.0	394.1	308.8	315.7	301.4	320.0
	1995	115.6	144.4	537.1	493.5	403.7	314.2	295.3	324.5	198.2	363.1	228.4	130.7
	1996	200.6	217.6	381.8	386.5	412.3	253.7	354.2	212.6	148.7	367.5	272.1	129.8
	1997	16.5	312.8	422.3	477.3	343.5	348.4	401.4	337.2	286.9	292.0	287.4	375.7
	1998	168.3	189.1	471.0	494.6	447.2	421.6	401.5	231.3	331.6	333.5	223.4	200.0
	1999	243.4	306.3	322.1	435.4	534.3	445.6	326.2	320.3	434.1			
Pomelo	1994												
	1995							321.6	369.3	366.0	275.5	189.5	140.6
	1996	219.4	231.3	364.9	340.2	328.2	236.6	284.5	275.1	250.5	420.5	260.6	231.5
	1997	19.3	331.6	433.1	445.8	412.3	353.1	371.5	346.8	236.9	448.6	239.0	259.9
	1998	324.4	205.0	335.6	436.7	429.7	375.7	387.8	274.1	333.4	278.5	185.0	277.6
	1999	196.5	217.5	389.1	334.6	320.6	335.5	295.1	178.7	330.2			
Rockwood	1994	97.8	61.5	294.0	297.6	176.0	175.2	147.5	225.7	182.3	304.0	212.6	35.1
	1995	55.9	48.4	256.2	293.9	256.1	165.5	154.6	261.6	110.5	242.3	138.5	92.2
	1996	122.8	143.1	201.2	283.3	207.6	96.8	72.4	188.3	127.2	166.9	245.4	104.1
	1997	13.5	151.2	260.0	319.6	128.6	107.9	156.0	200.4	141.8	213.5	58.5	217.0
	1998	69.7	86.2	268.9	321.5	359.5	258.7	185.1	233.7	232.7	257.5	139.9	132.4
	1999	91.4	150.9	236.5	261.4	298.1	238.1	283.7	163.8	123.3			
Schali	1994	367.8	135.8	290.9	350.1	347.1	270.4	317.2	146.5	169.5	461.7	253.2	179.3
	1995	108.5	129.2	361.6	330.7	311.2	245.3	263.4	252.7	224.8	174.4	244.2	172.3
	1996	224.9	201.5	307.8	256.2	312.1	255.2	261.8	117.2	213.4	314.4	245.9	290.9
	1997	14.1	224.8	399.5	321.7	350.9	280.7	317.7	253.6	266.1	222.3	303.6	186.6
	1998	86.7	134.7	365.0	290.3	316.7	270.2	297.7	289.3	242.0	375.1	185.3	232.7
	1999	207.4	180.2	335.4	293.3	356.8	315.3	272.1	360.8	229.4			
South Alamo	1994	64.2	110.4	95.7	161.6	145.5	137.1	95.5	83.1	53.5	143.4	69.1	69.2
	1995	30.2	39.3	116.6	127.7	115.4	95.5	91.0	67.1	62.8	70.1	101.3	27.3

Table C- 19: Calculated Minor Drain Flows (including NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Drain	1996	43.3	62.7	116.1	114.2	98.4	93.9	110.4	85.6	67.8	43.3	101.9	63.6
	1997	6.2	108.8	118.0	125.3	140.2	129.9	65.9	86.8	88.0	125.5	117.5	56.3
	1998	63.4	60.7	102.0	132.9	141.9	85.0	86.9	75.0	88.6	116.5	53.6	63.3
	1999	50.8	76.4	77.0	122.4	159.1	75.9	68.3	61.2	93.8			
Standard	1994	416.1	333.5	897.1	1006.0	674.6							
	1995												
	1996												
	1997												
	1998												
	1999												
Toland	1994	14.9	14.2	19.9	24.2	23.0	19.8	20.0	23.9	13.6	30.4	14.8	17.5
	1995	7.0	13.9	26.2	21.8	15.1	13.9	17.0	19.5	11.2	13.7	12.3	13.9
	1996	11.5	12.1	19.8	15.9	17.0	9.8	24.2	15.1	14.5	10.3	13.3	15.1
	1997	1.3	12.7	10.6	21.5	22.0	22.4	22.0	18.7	15.7	13.9	13.9	16.6
	1998	13.1	10.3	13.8	21.1	27.4	7.6	28.5	9.0	15.3	53.0	12.3	13.7
	1999	13.5	14.6	10.8	19.2	21.4	15.8	32.0	16.0	0.0			
Township	1994												
	1995							326.1	311.5	190.7	379.8	245.1	272.9
	1996	227.2	237.7	438.4	362.8	337.8	297.2	307.7	109.2	325.0	314.7	255.1	295.6
	1997	24.9	297.9	467.5	455.3	441.4	330.2	333.5	134.4	387.3	465.2	289.5	204.0
	1998	239.1	204.1	422.5	434.2	423.5	427.9	343.0	344.9	368.1	415.7	224.6	256.2
	1999	240.1	241.7	396.8	403.2	429.6	359.9	343.4	209.3	239.7			
Vail 1	1994	44.6	37.6	40.2	64.3	92.0	77.2	77.6	87.3	76.9	60.2	41.7	55.3
	1995	28.1	31.4	52.0	73.3	64.8	52.5	65.4	75.3	25.9	67.7	34.2	39.7
	1996	31.6	34.5	28.6	61.2	57.2	66.6	31.3	76.3	88.1	56.1	87.5	35.4
	1997	3.7	119.1	52.0	113.6	122.2	57.8	63.7	96.4	42.2	52.8	78.3	67.8
	1998	65.4	49.0	137.2	151.1	19.2	61.3	59.0	85.7	65.4	67.8	49.1	55.1
	1999	86.5	98.4	148.4	55.3	63.9	7.3	66.1	73.6	64.3			

Table C- 19: Calculated Minor Drain Flows (including NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Vail 2	1994	38.5	11.9	46.4	39.7	39.2	30.2	35.1	36.2	29.7	35.2	21.9	24.0
	1995	15.0	22.6	39.3	50.7	37.5	27.8	32.7	33.0	19.5	40.2	31.4	19.2
	1996	21.5	21.5	39.7	45.9	28.5	22.0	28.7	29.8	19.6	66.1	31.0	24.8
	1997	2.5	29.3	47.9	49.6	45.8	29.3	44.6	38.1	18.6	45.6	32.4	25.2
	1998	31.1	17.3	41.2	50.0	57.0	35.1	42.1	33.8	39.6	53.9	25.5	26.0
	1999	25.2	26.9	40.8	40.2	38.7	31.1	43.2	31.3	45.8			
Warren	1994	819.4	524.4	1181.8	1269.3	1243.0	856.5	989.1	823.5	904.1	1048.0	745.3	868.3
	1995	396.7	594.3	1186.2	1245.0	950.3	827.1	859.7	784.0	581.8	853.8	709.0	670.6
	1996	677.7	630.6	978.7	1040.5	924.7	685.7	497.2	852.2	645.8	1126.6	867.8	694.7
	1997	57.9	627.6	1077.7	1234.9	1279.0	1225.8	1086.6	1050.6	794.8	950.4	815.8	780.1
	1998	728.5	459.4	1100.0	1128.0	1291.8	1282.5	1048.0	882.7	956.6	1087.6	729.0	705.2
	1999	914.8	610.2	930.0	912.1	1060.6	982.1	825.3	840.6	912.2			
Wills	1994	144.4	72.7	216.3	273.2	250.1	197.5	210.4	226.3	218.4	191.8	116.3	150.6
	1995	51.4	105.6	287.9	301.7	170.5	165.5	164.1	153.6	177.6	181.5	90.7	82.6
	1996	101.7	126.5	206.0	244.9	158.2	196.4	258.2	187.0	222.7	161.6	47.4	89.4
	1997	11.4	136.6	309.1	272.8	177.9	218.5	281.4	202.1	278.4	198.3	84.9	98.6
	1998	82.7	89.8	195.7	264.3	255.7	242.6	259.5	195.3	214.2	190.7	74.5	67.7
	1999	39.0	141.2	185.3	251.5	302.5	197.7	240.8	143.1	250.0			
Wores	1994	132.2	54.6	189.3	216.4	199.7	168.5	130.5	135.1	60.7	75.4	176.2	71.2
	1995	52.0	76.2	159.0	255.8	137.4	120.3	110.3	147.4	80.0	139.3	93.5	68.5
	1996	116.9	139.1	118.8	123.4	175.0	129.1	158.1	183.2	106.7	81.6	173.5	58.5
	1997	10.0	154.8	243.5	213.9	122.7	158.0	155.3	195.2	224.4	150.9	100.5	92.7
	1998	86.6	80.3	196.7	200.4	229.4	204.6	107.8	151.7	210.1	147.0	138.1	83.1
	1999	48.1	90.7	170.6	128.9	187.7	175.9	203.6	69.0	146.1			

Table C- 20: Major Drain Flows and Loading

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Flows
Central Drain Flows (acre-ft)													
1994	4693.0	4157.0	6252.0	7899.0	7399.0	5972.0	6935.0	7068.0	6492.0	6522.0	5425.0	4865.0	73679.0
1995	3887.0	4939.0	7464.0	7668.0	7182.4	7120.0	7105.0	6837.0	5662.0	5493.0	4554.0	4659.0	72570.4
1996	4949.8	4955.6	6874.4	7351.8	6766.3	6720.1	7010.3	6804.6	5758.7	5866.2	4846.5	5121.6	73025.9
1997	4384.3	5575.4	7718.2	7547.0	7657.1	6836.5	7496.4	7406.2	6194.9	5925.7	5114.6	4324.0	76180.3
1998	5244.2	3933.3	7274.3	7580.9	7279.6	6449.2	7190.0	6483.9	5292.8	6033.0	5175.3	4958.9	72895.4
1999	4967.8	4730.0	6209.9	7196.3	6440.6	5431.8	5001.6	5935.8	5114.5	5073.0	5023.1	4785.7	65910.1
												Average	72376.9
TSS	272.1	264.9	371.9	385.6	299.6	247.1	241.4	317.6	246.6	230.8	202.5	192.5	
Central Drain QiCi (acre-ft*mg/L)													
													Tons/year
1994	1276965.3	1101189.3	2324962.5	3045628.7	2216411.6	1475937.1	1674307.1	2245053.8	1600741.7	1505132.7	1098562.5	936350.3	27875.3
1995	1057652.7	1308341.1	2775675.0	2956561.7	2151534.6	1759657.1	1715350.0	2171679.8	1396087.4	1267662.3	922185.0	896702.2	27709.2
1996	1346840.6	1312738.4	2556417.5	2834644.0	2026882.8	1660824.7	1692486.7	2161388.4	1419930.9	1353788.6	981416.3	985737.3	27646.6
1997	1192968.0	1476923.5	2870205.6	2909907.6	2293726.8	1689592.1	1809845.1	2352478.4	1527485.3	1367519.9	1035706.5	832225.9	29041.0
1998	1426946.8	1041931.2	2705130.3	2922978.4	2180644.6	1593873.7	1735871.4	2059522.4	1305053.3	1392282.3	1047998.3	954423.0	27692.3
1999	1351738.4	1252977.0	2309306.6	2774687.7	1929317.5	1342430.6	1207529.1	1885425.9	1261089.6	1170735.7	1017173.7	921087.7	25050.2
												Average	27502.4
Holtville Drain Flows (acre-ft)													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Flows
1994	5306.0	4580.0	6911.0	8446.0	8077.0	7640.0	7617.0	7597.0	6452.0	7246.0	6276.0	5451.0	81599.0
1995	3715.0	4532.0	8359.4	7707.0	8422.1	7016.0	6974.0	6555.0	5714.0	6841.0	6292.0	5966.0	78093.6
1996	5952.5	6128.4	7701.5	8020.5	7778.1	7118.0	7170.0	6787.7	6412.9	7926.3	6971.8	6437.1	84404.8
1997	5671.6	6239.7	7432.2	8246.8	8001.4	7008.9	7357.4	7112.6	6425.2	7168.0	6971.2	6099.3	83734.3
1998	5585.1	4453.4	7309.8	7719.6	8311.1	6930.2	7376.8	6766.7	6349.2	7657.9	6965.7	6463.0	81888.5
1999	6396.4	5651.4	7682.1	7711.8	7710.1	6799.0	6693.9	5850.5	6008.4	7573.2	6695.3	6083.3	80855.4
													81762.6
TSS	272.1	264.9	371.9	385.6	299.6	247.1	241.4	317.6	246.6	230.8	202.5	192.5	
Holtville Drain QiCi (acre-ft*mg/L)													
													Tons/year
1994	1443762.6	1213242.0	2570028.1	3256536.3	2419510.2	1888171.4	1838961.4	2413083.5	1590878.9	1672215.8	1270890.0	1049135.8	30764.8

Table C- 20: Major Drain Flows and Loading

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Flows
1995	1010851.5	1200526.8	3108636.8	2971617.8	2522900.8	1733954.3	1683722.9	2082106.4	1408909.1	1578750.8	1274130.0	1148256.1	29538.3
1996	1619675.3	1623413.2	2863995.3	3092475.6	2329973.1	1759162.9	1731042.9	2156020.3	1581237.9	1829213.9	1411789.5	1238927.2	31594.9
1997	1543242.4	1652896.5	2763849.4	3179730.5	2396863.8	1732199.6	1776286.6	2259220.4	1584270.7	1654215.1	1411668.0	1173911.9	31447.3
1998	1519705.7	1179705.7	2718331.9	2976457.2	2489636.2	1712749.4	1780970.3	2149350.0	1565531.3	1767273.1	1410554.3	1243912.1	30612.2
1999	1740460.4	1497055.9	2856780.9	2973449.7	2309603.3	1680324.3	1616098.7	1858331.5	1481499.8	1747726.3	1355806.4	1170828.6	30304.7
												Average	30710.4

Rose Drain Flow (acre-ft)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Flows
1994	4137.3	4651.0	6757.0	8276.0	7168.0	6391.1	7035.0	5942.9	6667.0	6898.0	4945.0	4824.0	73692.4
1995	3971.0	3587.9	6945.0	7117.0	6512.0	6685.0	6414.0	6570.0	6597.0	5613.8	5258.0	4030.0	69300.7
1996	3963.8	4283.2	5860.8	6660.6	7168.2	5814.2	5436.6	5524.4	4846.9	5789.4	4563.2	4724.3	64635.6
1997	4559.1	4545.6	5981.4	6438.4	6472.0	5669.8	6646.1	6594.3	6195.3	5643.3	5287.6	4817.7	68850.6
1998	4575.7	4085.0	6826.6	7154.1	6942.4	6389.8	6578.9	6949.8	6113.5	6436.1	4871.5	4248.3	71171.7
1999	4506.3	4607.1	6749.5	6428.1	7698.6	6354.5	6336.9	5614.1	5496.5	4887.7	4985.1	4528.9	68193.2
													69307.4
TSS	272.1	264.9	371.9	385.6	299.6	247.1	241.4	317.6	246.6	230.8	202.5	192.5	

Rose Drain QiCi (acre-ft*mg/L)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Tons/year
1994	1125772.7	1232049.9	2512759.4	3190989.1	2147214.2	1579524.2	1698450.0	1887688.1	1643891.7	1591905.1	1001362.5	928459.2	27928.1
1995	1080509.1	950442.6	2582671.9	2744111.9	1950705.8	1652150.0	1548522.9	2086870.9	1626631.7	1295531.9	1064745.0	775640.7	26321.5
1996	1078550.0	1134619.7	2179485.0	2568137.1	2147274.1	1436938.0	1312550.6	1754750.3	1195107.1	1336064.9	924048.0	909270.3	24442.8
1997	1240531.1	1204129.4	2224333.1	2482463.1	1938723.6	1401250.6	1604558.4	2094589.5	1527584.0	1302348.2	1070739.0	927246.7	25859.2
1998	1245048.0	1082116.5	2538641.9	2758416.6	2079634.5	1579193.4	1588334.4	2207509.2	1507414.4	1485308.9	986478.8	817656.1	27024.8
1999	1226164.2	1220420.8	2509970.3	2478491.7	2306158.4	1570469.3	1529908.7	1783242.3	1355279.9	1127972.5	1009474.7	871654.6	25819.4
												Average	26232.6

Rose Drain Flow (acre-ft)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Flows
1994	1956.0	1626.0	2485.0	2892.4	2870.0	2297.9	3030.3	2044.2	2216.0	2450.0	2136.0	1986.0	27989.8
1995	1858.2	1708.8	2597.6	2897.4	2771.6	2739.8	2487.1	2226.3	1962.5	2257.7	2046.3	2254.2	27807.5
1996	2014.2	1871.6	2951.6	2958.6	2725.1	2339.5	2331.0	2297.1	2006.3	2344.1	2211.4	2131.7	28182.2
1997	1743.9	1790.5	2629.5	2918.3	2883.2	2327.8	2368.7	2339.3	2189.6	2207.6	2311.2	1822.8	27532.4
1998	1576.3	1328.9	2540.7	2985.8	2922.5	2446.4	2324.7	2003.1	1918.4	2300.1	1943.8	1755.0	26045.7

Table C- 20: Major Drain Flows and Loading

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Flows
1999	2000.4	1712.0	2055.1	2379.8	2766.4	2213.0	2430.8	1860.1	1684.6	2376.4	2129.7	1989.9	<u>25598.3</u>
													27192.6
TSS	272.1	264.9	371.9	385.6	299.6	247.1	241.4	317.6	246.6	230.8	202.5	192.5	
South Central Drain QiCi (acre-ft*mg/L)													Tons/year
1994	532227.6	430727.4	924109.4	1115231.7	859724.4	567898.8	731589.4	649325.7	546402.3	565405.6	432540.0	382238.8	10520.5
1995	505616.2	452668.5	965969.3	1117148.4	830239.4	677126.0	600454.0	707145.8	483893.7	521028.0	414384.6	433865.2	10482.6
1996	548063.8	495786.8	1097626.3	1140751.6	816318.8	578190.7	562770.0	729642.5	494696.3	540966.2	447808.5	410281.2	10691.1
1997	474515.2	474303.5	977845.3	1125213.1	863678.6	575299.1	571871.9	743046.7	539892.8	509465.0	468018.0	350828.2	10434.2
1998	428911.2	352025.6	944822.8	1151239.2	875451.1	604610.3	561249.0	636257.4	473022.6	530812.0	393619.5	337779.0	9911.8
1999	544308.8	453508.8	764240.3	917582.9	828690.5	546927.1	586864.6	590835.4	415374.2	548420.3	431274.1	382998.5	9532.8
												Average	10262.2
Rose Drain Flow (acre-ft)													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Flows
1994	1766.5	2095.0	2298.0	3244.0	3012.0	2756.0	2717.0	2578.0	1577.1	4623.0	2641.0	2356.0	31663.7
1995	1992.6	1642.4	2580.7	2475.1	2636.8	2403.2	2427.2	1806.6	1914.9	3093.5	2288.6	2193.8	27455.5
1996	2013.6	1952.8	2967.9	2872.3	2937.2	2206.0	2119.6	2129.1	2072.6	2936.6	2474.8	2125.7	28808.2
1997	2043.4	1874.2	2068.6	2666.2	2542.6	1943.0	1919.6	1747.5	1931.1	2474.2	2587.7	2270.5	26068.6
1998	2036.7	1763.3	2484.7	2699.3	2857.8	1785.3	2421.3	1764.1	1740.3	2052.7	2223.7	2148.5	25977.7
1999	2102.7	2019.4	2092.2	2143.4	2243.3	1848.2	2070.6	1208.3	1234.1	1591.6	2443.2	2218.9	<u>23215.9</u>
													27198.3
TSS	272.1	264.9	371.9	385.6	299.6	247.1	241.4	317.6	246.6	230.8	202.5	192.5	
Verde Drain QiCi (acre-ft*mg/L) = QiCi (acre-ft*mg/L)													Tons/year
1994	480676.0	554965.5	854568.8	1250793.7	902261.3	681125.7	655961.4	818866.5	388875.6	1066885.7	534802.5	453451.5	11752.1
1995	542186.5	435064.2	959694.7	954320.0	789866.6	593933.5	586005.9	573855.5	472164.1	713917.8	463443.1	422241.6	10206.8
1996	547900.6	517296.7	1103687.8	1107476.8	879854.6	545197.1	511732.0	676279.6	511043.9	677702.0	501147.0	409126.4	10861.8
1997	556009.1	496475.6	769260.6	1028010.5	761650.0	480198.6	463446.3	555069.5	476154.1	570990.4	524009.3	436995.6	9678.6
1998	554186.1	467098.2	923997.8	1040773.0	856069.9	441224.1	584571.0	560342.3	429108.3	473717.5	450299.3	413514.6	9782.8
1999	572144.7	534939.1	778036.9	826433.8	671993.0	456769.4	499902.0	383800.0	304293.8	367305.9	494740.2	427065.9	8589.7
												Average	10145.3

Table C- 20: Major Drain Flows and Loading

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Flows
Total Major Drain Flow (acre-ft)													Annual Flows
1994	17858.9	17109.0	24703.0	30757.4	28526.0	25057.0	27334.3	25230.2	23404.1	27739.0	21423.0	19482.0	288623.8
1995	15423.8	16410.1	27946.6	27864.5	27524.9	25964.0	25407.3	23994.9	21850.4	23299.0	20439.0	19103.1	275227.7
1996	18893.9	19191.6	26356.2	27863.8	27374.9	24197.8	24067.5	23542.9	21097.4	24862.6	21067.7	20540.4	279056.7
1997	18402.3	20025.4	25829.9	27816.7	27556.3	23786.0	25788.2	25199.9	22936.1	23418.8	22272.3	19334.3	282366.2
1998	19018.0	15563.9	26436.1	28139.7	28313.4	24000.9	25891.7	23967.6	21414.2	24479.8	21180.0	19573.7	277979.0
1999	19973.6	18719.9	24788.8	25859.4	26859.0	22646.5	22533.8	20468.8	19538.1	21501.9	21276.4	19606.7	263772.9
	Average												277837.7
TSS	272.1	264.9	371.9	385.6	299.6	247.1	241.4	317.6	246.6	230.8	202.5		
Total Major Drain = $Q_i C_i$ (acre-ft*mg/L)													Tons/year
1994	4859404.2	4532174.1	9186428.1	11859179.6	8545121.8	6192657.3	6599269.4	8014017.6	5770790.1	6401544.8	4338157.5	3749635.6	108840.7
1995	4196816.0	4347043.2	10392647.7	10743759.8	8245247.2	6416820.9	6134055.6	7621658.5	5387686.1	5376890.8	4138887.8	3676705.9	104258.4
1996	5141030.2	5083854.8	9801211.9	10743485.2	8200303.4	5980313.4	5810582.1	7478081.1	5202016.1	5737735.6	4266209.3	3953342.3	105237.3
1997	5007265.8	5304728.5	9605494.1	10725324.8	8254642.8	5878540.0	6226008.3	8004404.6	5655386.9	5404538.6	4510140.8	3721208.3	106460.3
1998	5174797.8	4122877.1	9830924.7	10849864.3	8481436.3	5931651.0	6250996.1	7612981.3	5280129.9	5649393.8	4288950.0	3767284.8	105023.9
1999	5434816.6	4958901.5	9218335.0	9970645.8	8045762.7	5596920.7	5440303.1	6501635.2	4817537.2	4962160.7	4308469.1	3773635.4	99296.7
	Average												104852.9

Table C- 21: Minor Drain Flows and Loading

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average
Calculated Minor Drain Flows (Ungauged) (acre-ft)													
1994	22585.2	17496.3	37920.6	42165.8	32631.3	25534.3	26182.5	25226.2	22319.3	24045.5	20266.5	16977.4	313351.0
1995	9049.4	16663.2	32108.6	33465.8	24450.4	21983.7	26432.4	27612.7	20413.4	26695.9	21778.4	18584.4	279238.2
1996	20403.4	23155.1	33310.9	34803.5	27629.1	26230.8	27059.5	24823.9	26669.2	28247.7	23603.5	22525.4	318462.0
1997	2097.7	26224.2	40882.0	42333.6	36189.8	30485.0	34418.0	32754.0	34113.2	29663.8	25654.2	20373.4	355188.9
1998	21406.2	15912.8	38672.1	40712.2	39681.6	34009.2	31924.9	32409.5	33282.8	32986.6	21611.8	20559.1	363168.8
1999	23041.5	22926.9	35617.1	33511.8	36590.7	33007.2	31269.2	26350.5	30953.7	35993.8	24319.4	20354.2	353936.0
average	16430.6	20396.4	36418.5	37832.1	32862.1	28541.7	29547.8	28196.1	27958.6	29605.6	22872.3	19895.7	330557.5
Ungauged Minor Drain Contributions = S(QC) (af/month*mg/L)													Tons/year
1994	9960077.3	7715868.3	16722984.6	18595112.2	14390403.3	11260628.6	11546503.8	11124770.0	9842797.4	10604065.5	8937526.5	7487033.4	187892.1
1995	3990785.4	7348458.4	14159885.7	14758412.4	10782611.0	9694805.0	11656674.7	12177192.8	9002306.3	11772893.0	9604295.6	8195729.8	167437.3
1996	8997899.4	10211399.1	14690106.9	15348343.5	12184433.1	11567782.8	11933254.2	10947339.9	11761117.2	12457235.7	10409143.5	9933701.4	190956.8
1997	925085.7	11564872.2	18028962.0	18669117.6	15959701.8	13443885.0	15178338.0	14444514.0	15043921.2	13081735.8	11313502.2	8984669.4	212979.0
1998	9440134.2	7017544.8	17054396.1	17954080.2	17499585.6	14998057.2	14078880.9	14292589.5	14677714.8	14547090.6	9530803.8	9066563.1	217763.9
1999	10161301.5	10110762.9	15707141.1	14778703.8	16136498.7	14556175.2	13789717.2	11620570.5	13650581.7	15873265.8	10724859.6	8976199.7	212227.8
												Average	198209.5
Gauged Minor Drain Flows (acre-ft)													Annual Average
1994	878.5	727.2	1339.3	1980.5	3714.7	5031.9	6435.2	6422.1	7330.4	6838.9	5535.8	4156.0	50390.5
1995	2053.6	4952.7	7806.9	8658.2	7642.6	6098.6	5049.0	4504.8	4811.2	1952.2	1703.6	1206.4	56439.8
1996	1475.3	1541.6	2278.7	2430.2	1955.3	1687.1	1713.9	1783.2	2052.0	1995.8	1688.1	1142.0	21743.2
1997	1228.6	1529.1	2182.4	2292.1	1836.1	1534.8	1712.5	1851.0	2269.7	1999.0	1574.3	1219.4	21229.0
1998	1248.0	737.8	2611.3	2612.0	2352.2	2011.0	1998.4	1975.1	2309.0	2217.3	1779.4	1488.2	23339.7
1999	1479.2	1569.7	2511.3	2517.2	2398.6	2225.1	1720.3	1822.7	2083.1	2206.7	1616.9	1294.1	23444.9
												Average	32764.5
Gauged Minor Drain Contributions = S(QC) (af/month*mg/L)													Tons/year
1994	387418.5	320695.2	590631.3	873400.5	1638182.7	2219067.9	2837923.2	2832146.1	3232706.4	3015954.9	2441287.8	1832796.0	30215.2
1995	905637.6	2184140.7	3442842.9	3818266.2	3370386.6	2689482.6	2226609.0	1986616.8	2121739.2	860920.2	751287.6	532022.4	33842.5
1996	650607.3	679845.6	1004906.7	1071718.2	862287.3	744011.1	755829.9	786391.2	904932.0	880147.8	744452.1	503622.0	13037.7
1997	541812.6	674333.1	962438.4	1010816.1	809720.1	676846.8	755212.5	816291.0	1000937.7	881559.0	694266.3	537755.4	12729.4

Table C- 21: Minor Drain Flows and Loading

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1998	550368.0	325369.8	1151583.3	1151892.0	1037320.2	886851.0	881294.4	871019.1	1018269.0	977829.3	784715.4	656296.2	13995.0	
1999	652327.2	692237.7	1107483.3	1110085.2	1057782.6	981269.1	758652.3	803810.7	918647.1	973154.7	713052.9	570680.5	14058.0	
													Average	19646.3

Total Minor Drain Flows

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Total	
1994	23463.7	18223.5	39259.9	44146.3	36346.0	30566.2	32617.7	31648.3	29649.7	30884.4	25802.3	21133.4	363741.5	
1995	11103.0	21615.9	39915.5	42124.0	32093.0	28082.3	31481.4	32117.5	25224.6	28648.1	23482.0	19790.8	335678.0	
1996	21878.7	24696.7	35589.6	37233.7	29584.4	27917.9	28773.4	26607.1	28721.2	30243.5	25291.6	23667.4	340205.2	
1997	3326.3	27753.3	43064.4	44625.7	38025.9	32019.8	36130.5	34605.0	36382.9	31662.8	27228.5	21592.8	376417.9	
1998	22654.2	16650.6	41283.4	43324.2	42033.8	36020.2	33923.3	34384.6	35591.8	35203.9	23391.2	22047.3	386508.5	
1999	24520.7	24496.6	38128.4	36029.0	38989.3	35232.3	32989.5	28173.2	33036.8	38200.5	25936.3	21648.3	377380.9	
													Average	363322.0

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Total Minor Drain Load = SQ,C_i (acre-ft*mg/L)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Tons/year	
1994	10347495.8	8036563.5	17313615.9	19468512.7	16028586.0	13479696.5	14384427.0	13956916.1	13075503.8	13620020.4	11378814.3	9319829.4	218107.3	
1995	4896423.0	9532599.1	17602728.6	18576678.6	14152997.6	12384287.6	13883283.7	14163809.6	11124045.5	12633813.2	10355583.2	8727752.2	201279.9	
1996	9648506.7	10891244.7	15695013.6	16420061.7	13046720.4	12311793.9	12689084.1	11733731.1	12666049.2	13337383.5	11153595.6	10437323.4	203994.5	
1997	1466898.3	12239205.3	18991400.4	19679933.7	16769421.9	14120731.8	15933550.5	15260805.0	16044858.9	13963294.8	12007768.5	9522424.8	225708.4	
1998	9990502.2	7342914.6	18205979.4	19105972.2	18536905.8	15884908.2	14960175.3	15163608.6	15695983.8	15524919.9	10315519.2	9722859.3	231758.9	
1999	10813628.7	10803000.6	16814624.4	15888789.0	17194281.3	15537444.3	14548369.5	12424381.2	14569228.8	16846420.5	11437912.5	9546880.1	226285.8	
													Average	217855.8

Table C- 22: Combined Contribution of In-Stream Erosion and Wind Erosion/Deposition

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Flow
Flows (acre-ft)													
1994	41444.6	35460.5	64095.9	75034.7	65044.0	55779.2	60119.0	57062.5	53188.8	58756.4	47367.3	40756.4	654109.3
1995	26663.8	38156.0	68023.1	70135.5	59771.9	54200.3	57030.7	56229.4	47161.0	51947.1	43926.0	38893.9	612138.7
1996	40772.6	43888.3	61945.8	65097.5	56959.3	52115.7	52976.5	50275.0	49971.6	55307.1	46526.3	44421.8	620257.5
1997	21851.6	47889.8	69017.3	72642.5	65799.0	55911.9	62042.7	59915.6	59374.1	55233.7	49654.3	41015.6	660348.1
1998	41788.6	32343.0	67860.3	71571.2	70478.7	60134.0	59936.2	58457.1	57103.4	59793.0	44702.3	41762.8	665930.6
1999	44636.7	43350.4	63059.4	62043.3	66001.6	58018.2	55684.8	48748.3	52680.4	59831.3	47363.0	41370.1	642787.5
Average	36193.0	40181.3	65667.0	69420.8	64009.1	56026.6	57965.0	55114.7	53246.6	56811.4	46589.9	41370.1	642595.3
Loading =SQ_iC_i (acre-ft*mg/L)													
1994	15213106.7	12573089.6	26508981.6	31339010.7	24587181.1	19688577.8	21000947.4	21989395.0	18846293.9	20032138.7	15719314.8	13074823.0	
1995	9100208.9	13884062.3	28006195.5	29333139.2	22410308.1	18817124.5	20032008.0	21797207.1	16523169.6	18010704.1	14494553.5	12404458.1	
1996	14789536.9	15975099.5	25496225.5	27163546.9	21247023.8	18292107.3	18513670.3	19224353.9	17888414.3	19091098.6	15422560.4	14398797.7	
1997	6480421.8	17547711.2	28605160.1	30422547.1	25041047.3	20010306.2	22172368.0	23276316.5	21707574.1	19379925.4	16520442.0	13246996.1	
1998	15171221.9	11470160.7	28046365.8	29965107.2	27028642.9	21828300.8	21223691.4	22787114.9	20989067.9	21183003.1	14606632.4	13495532.5	
1999	16255689.9	15766454.7	26042515.2	25872818.2	25252052.5	21148862.6	20005355.6	18936681.8	19400797.5	21818828.8	15748861.5	13324891.2	
Average	12835031.0	14536096.3	27117574.0	29016028.2	24261042.6	19964213.2	20491340.1	21335178.2	19225886.2	19919283.1	15418727.4	13324249.8	
Calculated Alamo Concentration = SQ_iC_i/SQ (mg/L)												Total Tons/year	
1994	367.1	354.6	413.6	417.7	378.0	353.0	349.3	385.4	354.7	340.9	331.9	320.8	327128.1
1995	341.3	363.9	411.7	418.2	374.9	347.2	351.2	387.6	350.4	346.7	330.0	318.9	305675.4
1996	362.7	364.0	411.6	417.3	373.0	351.0	349.5	382.4	358.0	345.2	331.5	324.1	309332.0
1997	296.6	366.4	414.5	418.8	380.6	357.9	357.4	388.5	365.6	350.9	332.7	323.0	332322.1
1998	363.0	354.6	413.3	418.7	383.5	363.0	354.1	389.8	367.6	354.3	326.8	323.1	336923.3
1999	364.2	363.7	413.0	417.0	382.6	364.5	359.3	388.5	368.3	364.7	332.5	322.1	325745.3
Average	349.1	361.2	412.9	417.9	378.8	356.1	353.5	387.0	360.7	350.4	330.9	322.0	322854.4
												Grand Average	
												365.1	
Alamo River Measured Concentrations													
Mean Concentration	321.6	251.9	704.8	395.5	363.2	293.0	317.5	330.7	366.0	349.0	480.0	298.6	372.6
Deficit (mg/L)	-27.5	-109.3	291.8	-22.4	-15.6	-63.1	-36.0	-56.4	5.3	-1.4	149.1	-23.4	

Table C- 22: Combined Contribution of In-Stream Erosion and Wind Erosion/Deposition

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec _____

Grand Average Concentration Deficit = Calculated Concentration Grand Average - Measured Concentrations Grand Average = 365.1 - 372.6 = 7.6 mg/L

Average Alamo River Flow (acre-ft)/yr = 642595.3

Average TSS due to Wind deposition/ In-stream erosion (mg/L) = 7.6

Average Tons/year = 6622.7

Table C- 23: Dredging Contribution to Suspended Sediment

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
<u>Dredging Concentration</u>	5000 mg/L												
<u>Dredging Time</u>	0.010526316												
Dredging Effects (acre-ft*mg/L)													
Minor Drains													Tons/year
1994	1234932.1	959131.6	2066310.5	2323488.8	1912947.4	1608747.6	1716723.6	1665701.9	1560508.9	1625494.7	1358015.8	1112284.2	26030.2
1995	584368.4	1137677.4	2100815.0	2217052.0	1689103.4	1478015.0	1656914.2	1690393.8	1327610.2	1507794.9	1235897.3	1041622.2	24021.9
1996	1151510.5	1299826.3	1873136.8	1959668.4	1557073.7	1469363.2	1514391.2	1400373.7	1511642.1	1591763.2	1331136.8	1245652.6	24345.9
1997	175068.4	1460700.0	2266547.4	2348721.1	2001363.2	1685252.6	1901605.3	1821315.8	1914889.5	1666463.2	1433078.9	1136463.2	26937.4
1998	1192326.3	876347.4	2172810.5	2280221.1	2212305.3	1895800.0	1785436.8	1809715.8	1873252.6	1852836.8	1231115.8	1160384.2	27659.5
1999	1290563.2	1289294.7	2006757.9	1896263.2	2052068.4	1854331.6	1736289.5	1482800.0	1738778.9	2010552.6	1365068.9	1139381.8	27006.3
												Average	26000.2
Dredging Effects (acre-ft*mg/L)													
Major Drains													Tons/year
1994	939941.6	900473.7	1300157.9	1618811.2	1501368.4	1318789.2	1438644.8	1327903.4	1231796.4	1459947.4	1127526.3	1025368.4	20654.6
1995	811778.9	863691.0	1470874.5	1466553.3	1448680.8	1366527.1	1337227.9	1262890.4	1150021.4	1226263.0	1075734.3	1005425.2	19696.0
1996	994415.8	1010084.2	1387168.4	1466515.8	1440784.2	1273568.4	1266710.5	1239100.0	1110389.5	1308557.9	1108826.3	1081073.7	19970.0
1997	968542.1	1053968.4	1359468.4	1464036.8	1450331.6	1251894.7	1357273.7	1326310.5	1207163.2	1232568.4	1172226.3	1017594.7	20206.8
1998	1000947.4	819152.6	1391373.7	1481036.8	1490178.9	1263205.3	1362721.1	1261452.6	1127063.2	1288410.5	1114736.8	1030194.7	19892.9
1999	1051242.1	985257.9	1304673.7	1361021.1	1413631.6	1191921.1	1185989.5	1077305.3	1028321.1	1131678.9	1119810.0	1031931.4	18876.2
													19882.7