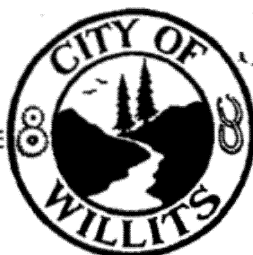


AVERAGE DRY WEATHER FLOW CAPACITY CALCULATIONS (BTCSD NO INCREMENT)															
MONTH	Recorded Monthly Flow per City Staff														
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2012	
May	WWTP	42.11	26.87	26.59	40.96	48.81	47.07	40.97	28.13	36.55	26.95	28.65	28.5	25.83	35.061
	BTCS	7.95	5.93	5.03	7.84	9.38	10.04	8.09	6.76	8.57	6.69	7.05	5.49	6.02	7.974
June	WWTP	33.2	23.57	23.83	39.53	32.47	29.03	26.44	24.43	28.54	22.44	23.35	26.53	21.65	28.67
	BTCS	6.46	5.57	3.81	7.86	7.05	6.02	6.36	6	7.66	5.34	5.3	4.8	4.85	6.364
July	WWTP	24.03	22.35	22.66	25	35.83	25.11	21.67	21.03	26.08	21.33	22.68	26.56	22.2	24.551
	BTCS	4.82	4.95	3.77	4.12	6.63	5.35	4.67	4.91	5.84	4.67	4.82	4.59	4.66	5.597
August	WWTP	23.39	21.46	20.41	24.42	20.46	21.6	20.99	20.81	22.12	22.34	21.8	26.49	26.56	26.103
	BTCS	4.25	4.29	3.57	6.29	4.71	4.53	4.61	4.92	4.98	4.51	4.52	4.59	4.43	5.601
September	WWTP	22.12	21.27	19.82	23.14	19.22	20.26	21.12	22.26	20.82	20.08	21.18	24.44	25.87	24.595
	BTCS	4.16	3.53	3.47	5.94	4.52	4.6	4.97	4.67	4.57	4.18	4.2	4.51	4.43	5.504
Total Flow	WWTP	144.85	115.52	113.31	153.05	156.79	143.07	131.19	116.66	134.11	113.14	117.66	132.52	122.11	138.98
	BTCS	27.64	24.27	19.65	32.05	32.29	30.54	28.7	27.26	31.62	25.39	25.89	23.98	24.39	31.04
Recorded ADWF (Over 153 Days)	WWTP	0.947	0.755	0.741	1.000	1.025	0.935	0.857	0.762	0.877	0.739	0.769	0.866	0.798	0.908
	BTCS	0.181	0.159	0.128	0.209	0.211	0.200	0.188	0.178	0.207	0.166	0.169	0.157	0.159	0.203
	City	0.766	0.596	0.612	0.791	0.814	0.735	0.670	0.584	0.670	0.574	0.600	0.709	0.639	0.705
OLD PLANT CITY ADWF CAPACITY VERSUS ACTUAL	Old Plant Capacity	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300
	BTCS Capacity	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490
	City Capacity	0.810	0.810	0.810	0.810	0.810	0.810	0.810	0.810	0.810	0.810	0.810	0.810	0.810	0.810
	City Flow	0.766	0.596	0.612	0.791	0.814	0.735	0.670	0.584	0.670	0.574	0.600	0.709	0.639	0.705
NEW PLANT CITY ADWF CAPACITY VERSUS ACTUAL	New Plant Capacity	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180
	BTCS Capacity	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490
	City Capacity	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690
	City Flow	0.766	0.596	0.612	0.791	0.814	0.735	0.670	0.584	0.670	0.574	0.600	0.709	0.639	0.705

=City Flow Exceeds Capacity  
 =City Flow Within 10% of Capacity

SCANNED



# CITY OF WILLITS

CITY HALL - 111 East Commercial Street, (707) 459-4601 • Fax (707) 459-1562  
POLICE DEPARTMENT - 125 E. Commercial St., (707) 459-6122 • Fax (707) 459-0405  
Willits, CA 95490

June 5, 2003

Mike Chapman  
Brooktrails Township  
Community Services District  
24860 Birch St.  
Willits Ca. 95490

Brooktrails Tr:

JUN 09 2003

RECEIVED

Dear Mike,

Enclosed with this letter is a tabular report showing the monthly flow figures for the sewer plant and for Brooktrails as metered by our station on Millcreek Drive. As you are aware the City installed a new metering station, which went into service in November of 2002. The reasons for the new metering station were my belief that the old metering station was in a bad location and the flume was too small for high flows.

While we have long felt that the winter flows have been under read by the old meter, the degree to which that seems to be true is more than I expected. I have had my crew check the calibration several times, realizing the implications for Brooktrails. We have also cross checked with Brooktrails staff. They seem to have similar numbers.

Please take this letter as a friendly "heads-up". I thought you should know at the earliest juncture, what our meter readings have shown.

Sincerely,

Larry Moran, PE  
Utility Director

Brooktrails Meter Flow

MONTH	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
JAN	PLANT 52.07	22.77	41.78	83.42	44.29	87.03	72.77	66.14	91.31	48.42	55.8	35.25	55.35	68.77
	BRKTRLS 9.18	5.35	7.25	18	12.15	23.7	15.24	18.86	22.96	12.97	14.33	8.18	14.97	50.79
	PERCENT 17.8	23.5	17.4	21.6	27.4	27.2	20.9	28.5	25.2	26.8	25.7	23.2	27	86.4
FEB	PLANT 54.06	23.9	5.28	12.57	5.72	28	14.91	11.41	23.83	6.61	10.78	7.25	6.88	8.22
	BRKTRLS 11.16	6	12.75	12.4	14.78	11.32	17.14	9.9	24.19	20.54	17.93	13.1	11.83	32.09
	PERCENT 20.6	25.1	16.6	20.7	22.1	25.1	24.4	21.9	23.7	26.5	25.1	25.5	26.9	75.8
MARCH	PLANT 49.52	73.73	54.46	7.99	7.06	1.35	11.54	2.08	20.72	18.65	12.88	8.91	8.84	3.03
	BRKTRLS 10.47	14.5	9.35	10.81	17.4	20.77	13.12	9.23	14.09	57.47	48.82	40.81	44.12	46.83
	PERCENT 21.1	19.7	17.2	17.1	28.6	22.3	24.2	25.5	24.5	25.3	25.9	10.81	11.88	38.51
APRIL	PLANT 28.25	33.07	4.47	5.72	0.69	18.93	6.47	1.81	8.11	7.8	2.7	3.49	4.06	6.69
	BRKTRLS 5.72	7.62	35.49	58.09	49.46	37.26	44.2	30.94	44.43	42.2	32.42	31.08	32.03	58.78
	PERCENT 19.6	23	18.7	18.2	18.7	29.7	19.8	7.89	11.81	11.41	7.16	6.93	7.27	41.45
MAY	PLANT 42.11	28.87	28.59	40.96	48.81	47.07	40.97	28.13	36.55	26.95	28.65	28.5	25.83	41.2
	BRKTRLS 7.95	5.93	5.03	7.84	9.36	10.04	6.09	6.76	8.57	6.69	7.05	5.49	6.02	33.9
	PERCENT 18.9	22	18.9	19.1	19.2	21.3	19.7	24	23.4	24.8	24.6	19.3	23.3	82.3
JUNE	PLANT 33.2	23.57	23.83	39.53	32.47	29.03	26.44	24.43	26.54	22.44	23.35	26.53	21.65	
	BRKTRLS 6.46	5.57	3.81	7.06	7.05	6.02	6.36	8	7.88	5.34	5.3	4.8	4.85	
	PERCENT 19.5	23.6	16	19.9	21.7	20.5	24.1	24.8	28.8	23.8	22.7	17.9	22.4	
JULY	PLANT 24.03	22.35	22.66	25	35.93	25.11	21.67	21.03	26.08	21.33	22.66	26.56	22.2	
	BRKTRLS 4.82	4.95	3.77	4.12	6.63	5.35	4.67	4.91	5.94	4.67	4.82	4.59	4.68	
	PERCENT 20.1	22.1	16.6	16.5	18.5	21.3	21.6	23.3	22.4	21.9	21.3	17.3	21	
AUGUST	PLANT 23.38	21.48	20.41	24.42	20.46	21.8	20.98	20.81	22.12	22.34	21.8	26.49	26.56	
	BRKTRLS 4.25	4.29	3.57	6.29	4.71	4.53	4.61	4.82	4.96	4.51	4.52	4.59	4.43	
	PERCENT 18.2	20	17.5	25.7	23	21	22	23.6	22.5	20.2	20.7	17.3	16.7	
SEPT	PLANT 22.12	21.27	19.82	23.14	19.22	20.28	21.12	22.26	20.82	20.06	21.18	24.44	25.87	
	BRKTRLS 4.16	3.53	3.47	5.94	4.52	4.6	4.97	4.67	4.57	4.18	4.2	4.51	4.43	
	PERCENT 18.8	16.6	17.5	25.7	23.5	22.7	23.5	21	22	20.8	19.8	18.5	16.7	
OCT	PLANT 21.81	23.34	25.24	24.72	19.88	19.75	21.76	24.2	25.4	21.48	23.55	18.44	24.07	
	BRKTRLS 4.38	3.43	4.12	6.2	4.48	4.61	5	5.51	4.93	4.67	5	4.58	4.43	
	PERCENT 20.2	14.7	16.3	25.1	22.7	23.3	23	22.8	19.4	21.7	21.2	24.8		
NOV	PLANT 20.02	23.85	26.82	31.79	28.97	20.1	27.82	39.35	38.01	34.9	24.64	41.13	31.77	
	BRKTRLS 4.3	4.04	4.73	6	6.7	4.65	6.84	8.25	8.78	7.1	5.45	9.4	15.7	
	PERCENT 21.5	16.9	17.6	18.9	23.1	23.1	24.6	21	23	20.3	22.1	22.9	46.4	
DEC	PLANT 23.02	26.17	61.14	38.85	44.89	51.15	75.55	48.43	49.11	33.79	33.38	83.13	57.75	
	BRKTRLS 5.14	5.03	11.62	9.55	10.85	12.2	17.82	10.49	11.38	7.98	7.61	21.04	32.05	
	PERCENT 22.3	19.2	19	24	23.7	23.9	23.7	21.7	23.1	23.6	22.8	25.3	55.5	
	RAINFALL	4.01	17.37	7.1	6.79	23.9	25.8	4.83	4.35	1.38	2.67	12.66	26.11	

BCSD-Sewage Data #992