

Aspen Consolidated Sanitation District WWTF

	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	7 Day
	Average	Average	Minimum	Maximum	Monthly	Average	Maximum
Month/Year	Average	Daily	Instantaneous	Instantaneous	Total	Organic	Organic
	*Population	Influent Flow	Influent Flow	Influent Flow	Influent Flow	Loading #	Loading #
Jan-00	19,067	1.72	1.55	2.41	53.19	3878	5758
Feb-00	19,544	1.76	1.62	2.01	51.00	2142	3235
Mar-00	20,778	1.87	1.66	2.03	58.08	3384	3639
Apr-00	15,667	1.41	1.25	1.77	42.15	1494	2450
May-00	15,111	1.36	1.13	1.71	42.16	1350	1623
Jun-00	19,778	1.78	1.25	2.37	53.46	2631	3402
Jul-00	23,556	2.12	1.72	2.51	65.87	2882	3191
Aug-00	24,000	2.16	1.79	2.53	66.92	3351	4218
Sep-00	20,000	1.80	1.57	2.10	53.93	3107	4042
Oct-00	17,000	1.53	1.41	1.73	47.54	2807	3747
Nov-00	16,000	1.44	1.34	1.66	43.07	2786	3506
Dec-00	19,778	1.78	1.43	2.51	55.10	4216	5536
				Total	632.47		
	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	7 Day
	Average	Average	Minimum	Maximum	Total	Average	Maximum
Month/Year	Average	Daily	Instantaneous	Instantaneous	Total	Organic	Organic
	*Population	Influent Flow	Influent Flow	Influent Flow	Influent Flow	Loading #	Loading #
Jan-01	21,222	1.91	1.34	2.47	59.08	4269	5840
Feb-01	23,111	2.08	1.91	3.00	58.30	4198	5127
Mar-01	26,222	2.36	2.11	2.78	73.18	4350	5401
Apr-01	19,444	1.75	1.36	2.69	52.64	2904	4934
May-01	17,667	1.59	1.46	1.92	49.40	2917	3855
Jun-01	22,889	2.06	1.75	2.43	61.85	3814	4261
Jul-01	28,667	2.58	2.26	3.10	79.87	3378	4190
Aug-01	27,000	2.43	1.97	2.97	75.35	3830	4437
Sep-01	21,000	1.89	1.71	2.37	56.68	2711	3452
Oct-01	18,000	1.62	1.38	1.83	50.26	2499	2800
Nov-01	17,111	1.54	1.43	1.77	46.26	2145	2427
Dec-01	19,000	1.71	1.37	2.55	53.09	3323	4399
				Total	715.96		
	Monthly	Average	Minimum	Maximum	Monthly	Average	Maximum
	Average	Daily	Instantaneous	Instantaneous	Total	Organic	Organic
Month/Year	Average	Daily	Instantaneous	Instantaneous	Total	Organic	Organic
	*Population	Influent Flow	Influent Flow	Influent Flow	Influent Flow	Loading #	Loading #
Jan-02	20,778	1.87	1.52	2.39	58.00	3556	3978
Feb-02	22,444	2.02	1.29	2.66	56.48	3959	4966
Mar-02	24,000	2.16	1.93	2.45	67.02	4666	6578
Apr-02	17,333	1.56	1.11	2.17	46.68	3253	5034
May-02	15,111	1.36	0.96	1.58	42.26	2314	3002
Jun-02	19,444	1.75	1.42	2.00	52.52	2890	3785
Jul-02	22,000	1.98	1.71	2.32	61.46	3616	4397
Aug-02	22,222	2.00	1.32	2.95	61.96	3069	4006

Influent Flow in Million Gallons

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Sep-02	19,222	1.73	1.45	2.06	51.84	2785	3691
Oct-02	14,889	1.34	1.18	1.70	41.39	2235	3079
Nov-02	13,111	1.18	0.94	1.36	35.34	2323	3239
Dec-02	17,222	1.55	1.24	2.23	47.91	2986	4211
					Total	622.86	
Month/Year	Monthly Average	Average Daily Influent Flow	Minimum Instantaneous Influent Flow	Maximum Instantaneous Influent Flow	Monthly Total Influent Flow	Average Organic Loading #	Maximum Organic Loading #
	*Population						
Jan-03	18,667	1.68	1.46	2.35	52.06	3293	4349
Feb-03	18,556	1.67	1.55	1.86	46.67	3482	5030
Mar-03	19,556	1.76	1.56	1.97	54.53	2554	4049
Apr-03	13,889	1.25	0.87	1.63	37.51	1877	3652
May-03	13,111	1.18	0.96	1.55	36.50	1565	2514
Jun-03	18,222	1.64	1.26	2.45	49.07	3228	5360
Jul-03	20,333	1.83	1.68	2.07	56.79	4258	4445
Aug-03	20,111	1.81	1.56	2.00	56.20	4363	5057
Sep-03	15,333	1.38	1.22	1.73	41.36	3671	4176
Oct-03	12,000	1.08	0.89	1.29	33.43	2639	3845
Nov-03	12,556	1.13	0.99	1.45	33.83	2318	2884
Dec-03	17,333	1.56	1.23	2.29	48.47	3760	6243
					Total	546.42	
Month/Year	Monthly Average	Average Daily Influent Flow	Minimum Instantaneous Influent Flow	Maximum Instantaneous Influent Flow	Monthly Total Influent Flow	Average Organic Loading #	Maximum Organic Loading #
	*Population						
Jan-04	20,000	1.80	1.54	2.67	55.90	4639	7190
Feb-04	19,667	1.77	1.61	2.05	51.26	4613	5122
Mar-04	20,556	1.85	1.52	2.03	57.28	4572	5311
Apr-04	13,667	1.23	0.94	1.69	36.84	2126	3115
May-04	13,000	1.17	1.00	1.43	36.20	2357	4247
Jun-04	16,333	1.47	1.25	1.74	44.22	2998	3271
Jul-04	20,667	1.86	1.73	2.03	57.60	3856	4061
Aug-04	19,111	1.72	1.42	1.91	53.26	3966	5163
Sep-04	15,889	1.43	1.25	2.06	42.98	2927	3711
Oct-04	13,000	1.17	1.04	1.45	36.35	2121	2885
YTD					Total	471.89	
Assume population equivalent to be approximately 90 gal/capita/day.							
Note: Flows consider contributions by both tourists, locals and transient work force. Tourists and locals are assumed to reside in town 24 hours per day whereas transient work force contributes mainly during working hours.							
The Maximum Instantaneous Peak Flow occurs mainly around 10AM.							
The Minimum Instantaneous Low Flow occurs after midnight.							

Influent Flow in Million Gallons

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