

Table A1

Ammonia Nitrogen Other Nitrogen Species Data
Camarillo Sanitary District
Camarillo Water Reclamation Plant

Date	Nitrate nitrogen (mg/L)	Nitrite nitrogen (mg/L)	1/2 Nitrite N (mg/L)	Ammonia nitrogen (mg/L)	Organic N (mg/L)	Total Nitrogen (mg/L)	NO ₂ +NO ₃ as N (aka TIN) (mg/L)
Jan-96	27.9	0.06	0.06	2.57	1.97	32.50	27.96
Feb-96	26.8	0.19	0.19	1.39	2.31	30.69	26.99
Mar-96	25.2	0.06	0.06	2.44	2.53	30.23	25.26
Apr-96	29.9	0.05	0.05	2.09	1.73	33.77	29.95
May-96	14.8	0.07	0.07	6.45	1.85	23.17	14.87
Jun-96	29.2	0.02	0.02	1.32	1.78	32.32	29.22
Jul-96	24	0.14	0.14	1.97	1.55	27.66	24.14
Aug-96	27.3	< 0.01	0.005	2.52	1.26	31.09	27.31
Sep-96	29.3	<0.01	0.005	1.96	1.68	32.95	29.31
Oct-96	24.4	0.02	0.02	1.74	1.75	27.91	24.42
Nov-96	30.6	< 0.01	0.005	2.03	1.89	34.53	30.61
Dec-96	22.6	0.04	0.04	2.10	3.02	27.76	22.64
Jan-97	26	0.11	0.11	2.03	2.73	30.87	26.11
Feb-97	18.6	0.95	0.95	9.90	5.40	34.85	19.55
Mar-97	21	3.75	3.75	5.31	2.25	32.31	24.75
Apr-97	26.8	0.01	0.01	1.23	2.13	30.17	26.81
May-97	26	0.02	0.02	1.88	1.80	29.70	26.02
Jun-97	29.4	0.01	0.01	7.50	12.4	49.31	29.41
Jul-97	26.7	0.05	0.05	1.58	3.58	31.91	26.75
Aug-97	27.8	0.11	0.11	1.34	1.98	31.23	27.91
Sep-97	19.6	0.98	0.98	1.38	1.68	23.64	20.58
Oct-97	24	1.14	1.14	1.36	2.01	28.51	25.14
Nov-97	28.6	0.31	0.31	1.77	1.99	32.67	28.91
Dec-97	28	0.78	0.78	0.81	2.09	31.68	28.78
Jan-98	29.4	0.02	0.02	1.86	1.94	33.22	29.42
Feb-98	26.6	0.01	0.01	1.54	1.67	29.82	26.61
Mar-98	25.3	0.03	0.03	1.84	2.06	29.23	25.33
Apr-98	27.6	< 0.01	0.005	1.95	1.87	31.43	27.61
May-98	28.9	0.01	0.01	2.09	1.87	32.87	28.91
Jun-98	23.9	< 0.01	0.005	2.99	2.31	29.21	23.91
Jul-98	27.2	< 0.01	0.005	1.88	2.73	31.82	27.21
Aug-98	27	0.01	0.01	2.57	2.85	32.43	27.01
Sep-98	24.7	0.68	0.68	1.46	1.9	28.74	25.38
Oct-98	26.7	0.62	0.62	1.36	1.71	30.39	27.32
Nov-98	30.6	< 0.01	0.005	2	2.38	34.99	30.61
Dec-98	26.7	0.58	0.58	1.57	1.89	30.74	27.28
Jan-99	28.4	0.23	0.23	5.35	3.14	37.12	28.63
Feb-99	30.4	< 0.01	0.005	1.98	3.33	35.72	30.41
Mar-99	30.6	0.3	0.3	1.16	0.98	33.04	30.90
Apr-99	31	< 0.01	0.005	1.7	1.6	34.31	31.01
May-99	31.6	< 0.01	0.005	1.86	2.22	35.69	31.61
Jun-99	27.3	< 0.01	0.005	2.21	1.87	31.39	27.31

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Jul-99	28.1	< 0.01	0.005	2.72	2.11	32.94	28.11
Aug-99	24.3	< 0.01	0.005	2.75	2.91	29.97	24.31
Sep-99	28.3	0.05	0.05	2.87	2.84	34.06	28.35
Oct-99	23.5	0.03	0.03	3.14	4.69	31.36	23.53
Nov-99	25.4	0.03	0.03	2.14	1.56	29.13	25.43
Dec-99	21.6	0.17	0.17	2.33	1.13	25.23	21.77
Jan-00	23	0.56	0.56	2.83	3.2	29.59	23.56
Feb-00	29	< 0.01	0.005	1.95	1.93	32.89	29.01
Mar-00	29.4	0.04	0.04	2.12	2.67	34.23	29.44
Apr-00	28	0.13	0.13	2.55	2.01	32.69	28.13
May-00	27.3	0.21	0.21	2.12	1.37	31.00	27.51
Jun-00	19.2	< 0.01	0.005	0.97	2.15	22.33	19.21
Jul-00	20.4	0.95	0.95	1.36	2.59	25.30	21.35
Aug-00	24.6	0.05	0.05	4.97	1.41	31.03	24.65
Sep-00	21.2	0.29	0.29	1.56	2.12	25.17	21.49
Oct-00	22.6	0.52	0.52	1.9	3.12	28.14	23.12
Nov-00	26.5	0.26	0.26	2.63	1.06	30.45	26.76
Dec-00							
Jan-01	29.8	0.14	0.14	1.5	0.8	32.24	29.94
Feb-01	34.4	0.23	0.23	1.1	2.1	37.83	34.63
Mar-01	25.2	0.15	0.15	1.4	1.1	27.85	25.35
Apr-01	30.9	0.31	0.31	1.6	2.6	35.41	31.21
May-01	30.6	0.27	0.27	0.7	1.7	33.27	30.87
Jun-01	27.7	0.04	0.04	1.1	1.7	30.54	27.74
Jul-01	34.7	0.28	0.28	2	1.5	38.48	34.98
Aug-01	23.9	0.21	0.21	2.3	2	28.41	24.11
Sep-01	28.9	0.04	0.04	2.2	1.7	32.84	28.94
Oct-01	29.4	0.08	0.08	1.7	2.2	33.38	29.48
Nov-01	31.2	0.02	0.02	1.2	1.2	33.62	31.22
Dec-01	30.2	0.01	0.01	2.4	1.3	33.91	30.21
# Data points	71	56	71	71	71	71	71
MAX	34.7	3.75	3.75	9.9	12.4	49.31	34.98
MIN	14.8	0.01	0.005	0.7	0.8	22.325	14.87
AVE	26.73	0.29	0.23	2.28	2.26	31.50	26.96
STDEV	3.68	0.55	0.50	1.50	1.44	3.87	3.53
CV	0.1	1.9	2.2	0.7	0.6	0.1	0.1