

Table A2

Effluent Temperature and pH Values
 Camarillo Sanitary District
 Camarillo Water Reclamation Plant

Date	pH	Temperature	
		(F)	(C)
Jan-96	6.8	74	23
Feb-96	6.7	71	22
Mar-96	6.6	68	20
Apr-96	6.6	74	24
May-96	6.3	75	24
Jun-96	6.5	75	24
Jul-96	6.6	79	26
Aug-96	6.3	77	25
Sep-96	6.2	77	25
Oct-96	6.5	75	24
Nov-96	6.5	75	24
Dec-96	6.4	69	21
Jan-97	6.4	68	20
Feb-97	6.4	68	20
Mar-97	6.5	72	22
Apr-97	6.7	73	23
May-97	7.0	77	25
Jun-97	6.9	77	25
Jul-97	6.8	75	24
Aug-97	6.8	80	27
Sep-97	6.9	81	27
Oct-97	6.9	79	26
Nov-97	6.8	75	24
Dec-97	7.0	70	21
Jan-98	6.7	67	19
Feb-98	6.9	66	19
Mar-98	6.8	71	22
Apr-98	6.8	71	22
May-98	6.9	74	23
Jun-98	6.9	75	24
Jul-98	6.9	78	26
Aug-98	6.9	81	27
Sep-98	6.8	80	27
Oct-98	6.8	76	24
Nov-98	6.8	73	23
Dec-98	6.8	70	21
Jan-99	6.7	65	18
Feb-99	6.7	69	20
Mar-99	6.8	69	20
Apr-99	6.7	70	21
May-99	6.8	74	23
Jun-99	6.7	76	24
Jul-99	6.7	79	26

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Date	pH	Temperature	
		(F)	(C)
Aug-99	6.8	77	25
Sep-99	6.5	76	25
Oct-99	6.4	77	25
Nov-99	6.6	75	24
Dec-99	7.0	68	20
Jan-00	6.7	71	22
Feb-00	6.8	69	21
Mar-00	6.8	70	21
Apr-00	6.8	72	22
May-00	6.9	77	25
Jun-00	6.9	78	25
Jul-00	6.7	78	25
Aug-00	6.8	80	27
Sep-00	6.8	79	26
Oct-00	6.8	76	24
Nov-00	6.8	73	23
Dec-00			
Jan-01	6.7	67	19
Feb-01	6.7	64	18
Mar-01	6.8	69	21
Apr-01	6.9	70	21
May-01	6.7	73	23
Jun-01	6.9	76	24
Jul-01	6.8	76	24
Aug-01	6.9	77	25
Sep-01	6.9	75	24
Oct-01	6.9	73	23
Nov-01	6.7	72	22
Dec-01	6.8	63	17
COUNT	71	71	71
MAX	7.0	81.2	27.3
MIN	6.2	63.0	17.2
AVE	6.7	73.5	23.0
STDEV	0.18	4.29	2.38
CV	0.0	0.1	0.1

The highest temperature determines the most stringent total ammonia criteria in Attachment H - the 1994 Basin Plan Ammonia Tables.

At 27°C and a pH of 6.9, the 1-Hour Total Ammonia water quality objective is approximately 23 mg/L, i.e., the corresponding Ammonia nitrogen WQO = 23mg/L X (14mg of N/17mg of NH₃) = 18.9 mg/L.

At 27°C and a pH of 6.9, the 4-Day Total Ammonia WQO is approximately 1.23 mg/L.

i.e., the corresponding Ammonia nitrogen WQO = 1.23mg/L X (14mg of N/17mg of NH₃) = 1.01 mg/L.

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