Hardness mg/l as CaCO3	CCC 4-Day Ave. (ug/l)	CMC 1-Hour Ave. (ug/l)	0.527CCC	0.321CMC	Lead Concentration Limitations (Total Recoverable) AMEL (µg/L)	MDEL (µg/L)
5	0.1	1.8	0.0	0.6	0.1	0.1
10	0.2	4.4	0.1	1.4	0.1	0.3
15	0.3	7.3	0.1	2.3	0.2	0.5
20	0.4	10.5	0.2	3.4	0.3	0.7
25	0.5	14.0	0.3	4.5	0.4	0.9
30	0.7	17.6	0.4	5.7	0.6	1.1
35	0.8	21.5	0.4	6.9	0.7	1.4
40	1.0	25.4	0.5	8.2	0.8	1.6
45	1.2	29.5	0.6	9.5	0.9	1.9
50	1.3	33.8	0.7	10.8	1.1	2.2
55	1.5	38.1	0.8	12.2	1.2	2.4
60	1.7	42.6	0.9	13.7	1.4	2.7
65	1.8	47.2	1.0	15.1	1.5	3.0
70	2.0	51.8	1.1	16.6	1.7	3.3
75	2.2	56.6	1.2	18.2	1.8	3.6
80	2.4	61.5	1.3	19.7	2.0	3.9
85	2.6	66.4	1.4	21.3	2.1	4.2
90	2.8	71.4	1.5	22.9	2.3	4.6
95	3.0	76.5	1.6	24.6	2.4	4.9
100	3.2	81.6	1.7	26.2	2.6	5.2
105	3.4	86.9	1.8	27.9	2.8	5.5
110	3.6	92.2	1.9	29.6	2.9	5.9
115	3.8	97.5	2.0	31.3	3.1	6.2
120	4.0	103.0	2.1	33.1	3.3	6.6
125	4.2	108.5	2.2	34.8	3.5	6.9
130	4.4	114.0	2.3	36.6	3.6	7.3
135	4.7	119.6	2.5	38.4	3.8	7.6
140	4.9	125.3	2.6	40.2	4.0	8.0
145	5.1	131.0	2.7	42.1	4.2	8.4
150	5.3	136.8	2.8	43.9	4.4	8.7
155	5.6	142.6	2.9	45.8	4.5	9.1
160	5.8	148.5	3.0	47.7	4.7	9.5
165	6.0	154.4	3.2	49.6	4.9	9.9
170	6.3	160.4	3.3	51.5	5.1	10.2
175	6.5	166.5	3.4	53.4	5.3	10.6
180	6.7	172.5	3.5	55.4	5.5	11.0
185	7.0	178.7	3.7	57.4	5.7	11.4
190	7.2	184.8	3.8	59.3	5.9	11.8
195	7.4	191.0	3.9	61.3	6.1	12.2
200	7.7	197.3	4.1	63.3	6.3	12.6
205	7.9	203.6	4.2	65.4	6.5	13.0
210	8.2	209.9	4.3	67.4	6.7	13.4
215	8.4	216.3	4.4	69.4	6.9	13.8
220	8.7	222.8	4.6	71.5	7.1	14.2
225	8.9	229.2	4.7	73.6	7.3	14.6
230	9.2	235.7	4.8	75.7	7.5	15.1
235	9.4	242.3	5.0	77.8	7.7	15.5
240	9.7	248.9	5.1	79.9	7.9	15.9
245	10.0	255.5	5.2	82.0	8.1	16.3
250	10.2	262.1	5.4	84.1	8.3	16.7
255	10.5	268.8	5.5	86.3	8.6	17.2
260	10.7	275.5	5.7	88.4	8.8	17.6
265	11.0	282.3	5.8	90.6	9.0	18.0
270	11.3	289.1	5.9	92.8	9.2	18.5
275	11.5	295.9	6.1	95.0	9.4	18.9
280	11.8	302.8	6.2	97.2	9.6	19.3
285	12.1	309.7	6.4	99.4	9.9	19.8
290	12.3	316.6	6.5	101.6	10.1	20.2
295	12.6	323.6	6.6	103.9	10.3	20.7
300	12.9	330.6	6.8	106.1	10.5	21.1
310	13.4	344.7	7.1	110.6	11.0	22.0
320	14.0	358.9	7.4	115.2	11.4	22.9
330	14.5	373.2	7.7	119.8	11.9	23.8
340	15.1	387.7	8.0	124.5	12.3	24.8
350	15.7	402.3	8.3	129.1	12.8	25.7
360	16.2	417.0	8.6	133.8	13.3	26.6
370	16.8	431.8	8.9	138.6	13.7	27.6
380	17.4	446.7	9.2	143.4	14.2	28.5
390	18.0	461.7	9.5	148.2	14.7	29.5
400	18.6	476.8	9.8	153.1	15.2	30.5
>400	18.6	476.8	9.8	153.1	15.2	30.5

CCC = Criteria Continuous Concentration
= exp {0.8545[ln(hardness)] - 1.702}

CMC = Criteria Maximum Concentration
= exp {0.9422[ln(hardness0] - 1.700}

AMEL = Average Monthly Effluent Limitation
= 1.55[min(0.527CCC,0.321CMC)]

MDEL = Maximum Daily Effluent Limitation
= 3.11[min(0.527CCC,0.321CMC)]

Hardness - the hardness of the receiving water at the time the discharge is sampled.

Attachment E-3 Hardness-dependent Effluent Limitations for Lead