

IMPROVEMENT DISTRICT NO. 97
Clear Creek Aesthetic Flow Maintenance

G A G E R E A D I N G S

2 0 1 1

Reading Date	Gage Reading in Feet	Corresponding Flow in CFS	Release from Jenkinson Lake in CFS	Adjustment
1/8/2011	1.00	8.5+	0.20	--
1/13/2011	0.88	8.50	0.20	--
1/20/2011	0.80	4.50	0.20	--
1/27/2011	0.74	3.02	0.20	--
2/5/2011	0.77	3.70	0.20	--
2/10/2011	0.75	3.02	0.20	--
2/17/2011	0.90	8.5+	0.20	--
2/24/2011	1.00	8.5+	0.20	--
3/3/2011	1.00	8.5+	0.20	--
3/10/2011	1.30	8.5+	0.20	--
3/18/2011	1.00	10.0+	0.20	--
3/24/2011	1.00	10.0+	0.20	--
3/31/2011	1.00	10.0+	0.20	--
4/7/2011	1.00	10.0+	0.20	--
4/14/2011	0.92	8.0+	0.20	--
4/21/2011	1.1+	10.0+	0.20	--
4/28/2011	1.0+	10.0+	0.20	--
5/5/2011	0.95	8.5+	0.20	--
5/12/2011	0.84	6.10	0.20	--
5/19/2011	1.16	8.5+	0.20	--
5/26/2011	0.86	7.21	0.20	--
6/2/2011	0.92	8.5+	0.20	--
6/9/2011	0.90	8.5+	0.20	--
6/16/2011	0.87	7.83	0.20	--
6/23/2011	0.85	6.64	0.20	--
6/28/2011	--	--	--	Increased to 0.70
6/29/2011	--	--	--	Increased to 0.80
6/30/2011	0.80	4.80	0.80	--
7/7/2011	0.75	3.18	0.80	--
7/12/2011	--	--	--	Increased to 1.20

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7/14/2011	0.77	3.70	1.20	--
7/16/2011	--	--	--	Increased to 1.30
7/17/2011	--	--	--	Increased to 1.40
7/18/2011	--	--	--	Decreased to 1.30
7/19/2011	--	--	--	Increased to 1.40
7/20/2011	--	--	--	Decreased to 1.30
7/21/2011	0.77	3.70	1.30	--
7/28/2011	--	--	--	Increased to 2.0
8/1/2011	--	--	--	Gage Broken Repair Pending
8/27/2011	--	--	--	Increased to 3.0
9/1/2011	0.77	4.10	3.00	--
9/8/2011	0.77	4.10	3.00	--
9/15/2011	0.78	4.10	3.00	--
9/22/2011	0.75	3.18	3.00	--
9/29/2011	0.74	3.02	3.00	--
10/6/2011	0.84	6.10	3.00	--
10/13/2011	0.68	2.16	3.00	--
10/20/2011	0.69	2.30	3.01	--
10/27/2011	0.70	2.45	3.00	--
11/3/2011	0.85	6.64	3.00	--
11/10/2011	0.77	3.70	3.00	--
11/17/2011	0.78	4.10	3.00	--
11/24/2011	0.79	4.31	3.00	--
12/2/2011	--	--	--	Decreased to 2.50
12/8/2011	0.79	4.39	2.50	--
12/15/2011	0.79	4.39	2.50	--
12/22/2011	0.72	2.72	2.50	--
12/29/2011	0.71	2.58	2.50	--

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G A G E R A T I N G T A B L E										
ALL FLOWS IN CFS										
Gage Height in Feet	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
0.5	NR	NR	NR	NR	NR	NR	1.00	1.07	1.15	1.23
0.6	1.32	1.41	1.50	1.58	1.66	1.78	1.90	2.03	2.16	2.30
0.7	2.45	2.58	2.72	2.87	3.02	3.18	3.34	3.70	4.10	4.39
0.8	4.70	5.02	5.36	5.72	6.10	6.64	7.21	7.83	8.50	> 8.5

NR = Not Rated

CFS = Cubic Feet per Second, 1 CFS yields approximately 2 acre-feet per day

AF = An acre-foot of water would cover one acre of land one foot deep.

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