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OCT 31 2011

HIGHLIGHTS
Valley Branch Watershed – Lake Levels, 2011

BARR
ENGINEERING CO.

October 28, 2011

October was another dry month with 0.77 inches so far.. All lake levels were down between zero and 0.55 feet, but West Lakeland Storage Site was down 2.4 feet. Long Lake is no longer overflowing.

On a yearly basis, all lakes, except Long Lake, were higher than a year ago. Horseshoe Lake is 6.14 feet higher than in 2010.

Storage values in the Project 1007 lakes showed an increase in storage of 224 acre feet since last month, but 1579 acre feet less storage than November 2010..

	Acres	Overflow Elev.	Level	Acre ft. Storage	Total
Long Lake	90	937.50	937.15	31.50	132.50
O+D	220	928.35	928.40	-11.00	
Jane	160	922.35	921.65	112.00	
Eagle Pt.	130	894.00	893.83	22.10	-8.54
Elmo	274	884.10	884.26	-43.84	
Horseshoe	60	875.20	874.98	13.20	
					123.96

		Tri Lakes	Lower Lakes	Total
	8/1/10	886	940	1826
	9/1/10	913	950	1863
	10/1/10	697	894	1591
Storage	11/1/10	780	923	1703
Below	4/1/11	310	262	572
Overflow	5/1/11	-130	232	102
	6/1/11	-73	46	-27
	7/1/11	-104	-108	-212
	8/1/11	-482	-588	-1070
	9/1/11	-335	-565	-900
	10/1/11	-6	-94	-100
	10/28/11	133	-9	124

VALLEY BRANCH WATER LEVELS

DATE	LONG	O-D	JANE	SUNFISH	EAGLE POINT	ELMO	HORSE- SHOE	DOWNS	SILVER LAKE	Mc. DONALD	Goetschel POND	GRAVEL PIT	WLSS LOWER
2007													
1/1	937.13	927.69	921.31		<893	884.20	874.01	886.13				864.70	852.20
2/1	936.79	927.34	921.29		<893	884.20	874.16	886.41					
3/1	936.77	927.31	921.38		<893	884.24	874.19	886.00					
4/1	938.38	927.78	921.70		894.73	884.46	875.90	889.73				865.81	856.08
5/1	938.05	927.95	921.64	893.63	893.92	884.25	875.41	889.15				864.97	858.30
6/1	937.90	927.93	921.58	893.45	893.63	884.24	874.73	888.68				864.97	855.02
7/1	937.07	927.43	921.14	892.91	<893	883.80	873.80	887.94				864.72	852.00
8/1	936.27	926.79	920.65	892.31	<893	883.51	873.04	887.10					
9/1	936.91	926.79	920.72	892.35	<893	883.64	873.09	886.77					
10/1	937.86	926.90	920.92	892.45		883.76	873.19	886.80					
10/27	938.60	927.45	921.06	892.60	894.28	883.90	874.06	886.85					
12/1	937.63	927.07	920.86	892.29	893.64	883.60	873.50	886.73					
2008													
1/1	937.49	927.47	920.97		893.58	883.75	873.74	886.63					
2/1	937.24	927.30	920.86		<893	883.70	873.54	886.09					
3/1	936.89	927.16	920.87		<893	883.67	873.22	886.35					
4/1	937.35	927.26	920.96		893.39	883.92	873.42	886.41					
5/1	939.05	928.24	921.40	891.84	894.47	884.17	875.52	886.84					
6/1	939.09	928.90	921.39	891.74	894.18	884.20	875.41	886.67					
7/1	938.07	928.75	921.34	891.60	894.15	884.14	875.41	886.43					
8/1	937.33	928.31	921.02	891.15	893.20	883.83	874.36	886.24					
9/1	936.77	927.87	920.76	890.90	<893	883.71	873.80	885.41					
10/1	936.61	927.58	920.68	890.47		883.56	873.26	885.17					
11/1	936.43	927.32	920.52	889.37		883.54	872.95	884.79					
12/1	936.41	927.08	920.52			883.58	872.78	884.75					
2009													
1/1	936.18	927.23	920.58			883.43	872.65	884.94					
2/1	935.92	926.96	920.55			883.44	872.45	884.74					
3/1	935.81	927.02	920.62			883.48	872.43	884.64					
4/1	936.82	927.13	920.73			883.58	872.58	887.91					
5/1	936.60	927.09	920.53			883.49	872.24	887.39					
6/1	936.03	926.58	920.11			882.94	871.61	886.89					
7/1	935.84	926.30	919.91			882.82	871.22	886.69					
8/1	935.48	925.91	919.61			882.58	870.71	886.06					
9/1	936.56	925.97	919.74			882.70	870.66	886.28					
10/1	935.90	925.53	919.36			882.34	870.14	885.74					
11/1	937.34	925.89	919.81			882.65	871.53	885.86					
12/1	937.12	925.45	919.76			882.69	871.04	886.04					
2010													
1/1	937.08	925.67	919.96			882.72	871.14	886.14					
2/1	936.67	925.58	919.91										
3/1	936.45	925.49	919.86										
4/1	937.35	925.50	919.90			882.66	871.05	885.85					
5/1	937.31	925.35	919.87	888.86		882.64	868.70	884.82					
6/1	937.49	925.38	919.87	888.75		882.60	868.50	884.60					
7/1	938.46	925.70	920.00	888.75		882.66	868.48	884.50					
8/1	937.62	926.05	919.91	888.54		882.62	868.46	884.37					
9/1	937.35	926.08	919.85	888.49		882.56	868.56	884.59					
10/1	938.52	926.46	920.02	888.74		882.70	868.86	884.57					
11/1	937.76	926.56	919.79	888.54		882.60	868.84	884.37					
12/1	937.74	926.52	919.79										
2011													
4/1	939.14	927.79	920.26		894.45	883.68	871.78	886.16					
5/1	940.07	929.14	920.67	889.62	894.58	883.53	872.68	885.42					
6/1	938.99	929.22	920.77	889.78	894.55	883.76	874.79	885.32					
7/1	938.77	929.30	920.99	890.00	894.76	884.04	875.63	885.22	899.10				
8/1	940.86	929.34	922.11		896.76	884.81	875.78		989.48		866.68		
9/1	939.68	929.09	922.20	890.90	896.08	885.06	875.73	887.61	989.07		866.77	862.16	
10/1	937.60	928.70	921.85	890.78	894.23	884.26	875.53	887.04	988.51		865.14	860.68	
10/28	937.15	928.40	921.65	890.74	893.83	884.26	874.98	887.06				858.28	
Month diff.	-0.45	-0.30	-0.20	-0.04	-0.40	0.00	-0.55	0.02			-865.14	-2.40	
Year Diff.	-0.61	1.84	1.86	2.20		1.66	6.14	2.69					
Overflow	937.50	928.35	922.35	927.80	894.00	884.10	875.20	891.50			865.70	861.00	