



WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) MAY 21, 2009

20091110

1													1
2	REACH FLOWS IN CFS												2
3	ACTUAL DATE NATURAL FLOW ACTUAL RMAINING FLOW NAT FLOW EXCHANGE FLOW STORED FLOW RESRVOIR NATURAL FLOW DIV TOTAL RCH DIV REACH GAIN LAST RIGHT												3
4													4
5	8 BIG LOST AT HOWELL	MAY 18	837.6	836.0	836.0	0.0	0.0	0.0	1.6	1.6	837.6	19160207	5
6	7 BIG LOST ABV MACKAY RES *	MAY 19	436.6	305.9	300.6	9.6	5.3	0.0	134.5	138.8	-401.0	19160207	6
7	1 BIG LOST BLW MACKAY RES	MAY 19	433.4	305.0	190.3	0.0	114.7	12.1	107.1	7.1	-3.2	19160207	7
8	2 BIG LOST AT LESLIE	MAY 19	365.5	80.2	39.4	0.0	40.8	0.0	83.0	83.0	-67.9	19160207	8
9	3 BIG LOST BLW MOORE DIV	MAY 20	332.7	0.0	0.0	0.0	0.0	0.0	6.6	6.6	-32.8	19160207	9
10	5 BIG LOST BLW MUNSEY DIV	MAY 21	332.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19160207	10
11	6 BIG LOST NR ARCO	MAY 21	332.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19160207	11
12													12
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED												13
14													14
15													15
16													16
17	RESERVOIR	PREV CONT (AF)	CURR CONT (AF)	CHNG CONT (CFS)	ACC STOR (CFS)	TOTL STOR (AF)	TOTL EVP (AF)	PRIORITY	RESERVOIR		RIGHT (AF)	STORED (AF)	17
18													18
19	1 MACKAY	32350.0	32300.0	-25.2	100.0	32929.0	313.3	1	MACKAY		556.5	133.2	19
20								2	MACKAY		294.0	70.8	20
21								3	MACKAY		556.5	133.2	21
22								4	MACKAY		1113.0	266.6	22
23								5	MACKAY		140.0	33.3	23
24								6	MACKAY		20646.0	20646.0	24
25								7	MACKAY		17205.0	11645.9	25
26								8	MACKAY		6000.0	0.0	26
27													27
28													28
29													29
30													30
31		CHANGE IN CONTENT	AF USED ABOVE	STORAGE USED	ARCO STORED	TOTAL STORED	UNACCT STORED						31
32													32
33													33
34	YEAR-TO-DATE AF	1030.0	91.8	0.0	0.0	1529.1	0.0						34
35													35
36													36
37													37
38		CFS DIVN	CFS STOR	AF USED	DIVERSION	CFS DIVN	CFS STOR	AF USED	DIVERSION	CFS DIVN	CFS STOR	AF USED	38
39	DIVERSION												39
40													40
41	1 Sorensen	0.0	0.0	0.0	30 Zollinger/No Tel	0.0	0.0	0.0	59 6X Ranch Pump	0.0	0.0	0.0	41
42	2 HOWELL	1.6	0.0	0.0	31 Churn Dasher Ran	0.0	0.0	0.0	60 6X Ranch Navarre	1.0	0.0	0.0	42
43	3 KENT	0.0	0.0	0.0	32 No Tellum 1	0.0	0.0	0.0	61 Gates/Woods 3	0.0	0.0	0.0	43
44	4 BRADSHAW	2.5	0.0	0.0	33 No Tellum 2	0.0	0.0	0.0	62 6X Ranch 3	0.0	0.0	0.0	44
45	5 BITTON	0.0	0.0	0.0	34 No Tellum 3	0.0	0.0	0.0	63 6X Ranch 4	0.0	0.0	0.0	45
46	6 Anderson	2.2	1.9	81.2	35 Gates/Woods 1	0.0	0.0	0.0	64 MACKAY DAM	0.0	0.0	0.0	46
47	7 Thalman Hunter D	3.6	0.0	0.0	36 Gates/Woods 2	0.0	0.0	0.0	65 SHARP	7.1	0.0	0.0	47
48	8 Johnson/Hatmaker	3.0	0.0	0.0	37 No Tellum 4	0.0	0.0	0.0					48
49	9 NEILSEN	40.0	0.0	0.0	38 No Tellum 5	0.0	0.0	0.0	67 SWAUGER	14.0	0.0	0.0	49
50	10 Bradshaw 2	0.0	0.0	0.0	39 Gates/Woods/6X R	0.0	0.0	0.0	68 MARINAC	0.0	0.0	0.0	50
51	11 CHILLY	58.7	0.0	0.0	40 Smith Pumps*	8.0	2.4	9.6	69 DARLINGTON	30.0	0.0	0.0	51
52	12 INGRAM	0.0	0.0	0.0	41 Freeman/Kent*	0.0	0.0	0.0	70 BURNETT	39.0	0.0	0.0	52
53	13 Cherian	0.0	0.0	1.1	42 Broken River Pum	0.0	0.0	0.0	71 SUTTER	0.0	0.0	0.0	53
54	14 LONGHURST	6.2	0.0	0.0	43 Broken River Dit	0.0	0.0	0.0	72 ANGELO	0.0	0.0	0.0	54
55	15 Mtn. Springs 3	1.3	0.0	0.0	44 Freeman 2*	0.0	0.0	0.0	73 BECK	0.0	0.0	0.0	55
56	16 Donahue 1	0.0	0.0	0.0	45 Freeman 3*	0.0	0.0	0.0	74 PEHRSON	2.6	0.0	0.0	56
57	17 Zollinger 1	0.0	0.0	0.0	46 Freeman/Hill Pum	0.0	0.0	0.0	75 LOW BURNETT	0.0	0.0	0.0	57
58	18 Zollinger 3	0.0	0.0	0.0	47 6X Ranch 5	0.0	0.0	0.0	76 3IN1	4.0	0.0	0.0	58
59	19 Pence Diversion	0.0	0.0	0.0	48 Johnson/Navarro	2.8	0.0	0.0	77 B&J	0.0	0.0	0.0	59
60	20 Unger	0.0	0.0	0.0	49 6X Ranch 6	0.0	0.0	0.0	78 MOORE	0.0	0.0	0.0	60

21	6X Ranch 1	0.0	0.0	0.0	50	Stoecklein 3*	0.0	0.0	0.0	79	EASTSIDE	0.0	0.0	0.0		
22	Mtn. Springs 1	0.8	0.0	0.0	51	Upper Fish Hatch	4.9	0.0	0.0	80	ARCO	0.0	0.0	0.0		
23	Mtn. Springs 4	0.0	0.0	0.0	52	Freeman Ditch	0.0	0.0	0.0	81	MUNSEY	0.0	0.0	0.0		
1	24 Mtn. Springs 2	0.8	0.0	0.0	53	Stoecklein 1	0.0	0.0	0.0	82	MILLER	0.0	0.0	0.0		1
2	25 Donahue 2	0.0	0.0	0.0	54	Stoecklein 2	0.0	0.0	0.0	83	MCLAUGHLIN	0.0	0.0	0.0		2
3	26 Simmons	0.0	0.0	0.0	55	Stoecklein 4	0.0	0.0	0.0	84	FOLKMAN PUMP	0.0	0.0	0.0		3
4	27 Donahue 4	0.0	0.0	0.0	56	Shoupe Ditch*	3.0	0.0	0.0	85	HUGGINS PUMP	0.0	0.0	0.0		4
5	28 Donahue 3	0.0	0.0	0.0	57	Gates Pump 1	0.0	0.0	0.0	86	QUIST PUMP #1	0.0	0.0	0.0		5
6	29 Zollinger 2	0.0	0.0	0.0	58	Gates Pump 2	0.0	0.0	0.0							6
7																7
8	(1) BITTON USE COMBINED WITH KENT DITCH															8
9																9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1															10
11																11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON															12
13																13
14	(4) SIMMONS USE COMBINED WITH NEILSEN															14
15																15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY															16
17																17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3															18
19																19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2															20
21																21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3															22
23																23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE															24
25																25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1															26
27																27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH															28
29																29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT															30
31																31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH															32
33																33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5															34
35																35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2															36
37																37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP															38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION															39
40																40
41																41
42																42
43																43
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60																60
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1	REACH LOSS DATA - MAY 21, 2009												1
2													2
3													3
4	REACH		ACTUAL DATE	TOTAL GAIN	STORAGE GAIN								4
5													5
6													6
7	8	BIG LOST AT HOWELL	MAY 18	838.	0.								7
8	7	BIG LOST ABV MACKAY RES	MAY 19	-401.	0.								8
9	1	BIG LOST BLW MACKAY RES	MAY 19	-3.	0.								9
10	2	BIG LOST AT LESLIE	MAY 19	-74.	28.								10
11	3	BIG LOST BLW MOORE DIV	MAY 20	-37.	19.								11
12	5	BIG LOST BLW MUNSEY DIV	MAY 21	0.	0.								12
13	6	BIG LOST NR ARCO	MAY 21	0.	0.								13
14													14
15													15
16													16
17													17
18	EXCHANGE PUMP DATA - MAY 21, 2009												18
19													19
20	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	20
21													21
22	1	Neilsen injectio	10.	96.8	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	0.0	22
23	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	23
24	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	0.0	13	SCHUREMAN EXCHAN	0.	0.0	24
25	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	25
26	5	FOLKMAN EXCHANGE	0.	0.0	10	MCDONALD EXCHANG	0.	0.0					26
27													27
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60													60
61													61

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) MAY 22, 2009

20091110

1	WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (V2.0FC) MAY 22, 2009													20091110	1		
2	REACH FLOWS IN CFS			ACTUAL	NATURAL	ACTUAL RMAINING	EXCHANGE	STORED	RESRVOIR	NATURAL	TOTAL	REACH			2		
3				DATE	FLOW	FLOW NAT FLOW	FLOW	FLOW	EVAP	FLOW DIV	RCH DIV	GAIN LAST RIGHT			3		
4															4		
5	8	BIG LOST AT HOWELL		MAY 19	1421.6	1420.0	1420.0	0.0	0.0	0.0	1.6	1.6	1421.6	19030224	5		
6	7	BIG LOST ABV MACKAY RES *		MAY 20	453.1	315.6	340.2	9.6	-24.5	0.0	111.3	145.4	-968.5	19030224	6		
7	1	BIG LOST BLW MACKAY RES		MAY 20	448.1	389.0	311.0	0.0	78.0	13.8	24.2	8.9	-5.0	19030224	7		
8	2	BIG LOST AT LESLIE		MAY 20	383.0	179.0	154.2	0.0	24.8	0.0	91.7	91.7	-65.1	19030224	8		
9	3	BIG LOST BLW MOORE DIV		MAY 21	348.4	0.0	31.0	0.0	-31.0	0.0	88.6	88.6	-34.6	19030224	9		
10	5	BIG LOST BLW MUNSEY DIV		MAY 22	354.1	0.0	0.0	14.0	0.0	0.0	36.7	36.7	5.7	19030224	10		
11	6	BIG LOST NR ARCO		MAY 22	354.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19030224	11		
12															12		
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED								TOTALS		354.	373.	354.			13	
14															14		
15															15		
16															16		
17	RESERVOIR		PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR		RIGHT		STORED	17		
18			(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)				(AF)	(AF)		18		
19															19		
20	1	MACKAY		32300.0	32090.0	-105.9	15.3	32959.4	340.7	1	MACKAY		556.5	139.6	20		
21										2	MACKAY		294.0	74.1	21		
22										3	MACKAY		556.5	139.6	22		
23										4	MACKAY		1113.0	279.3	23		
24										5	MACKAY		140.0	34.9	24		
25										6	MACKAY		20646.0	20646.0	25		
26										7	MACKAY		17205.0	11645.9	26		
27										8	MACKAY		6000.0	0.0	27		
28															28		
29	TOTAL											46511.0	32959.4		29		
30															30		
31			CHANGE IN	AF USED	STORAGE	ARCO	TOTAL	UNACCT								31	
32			CONTENT	ABOVE	USED	STORED	STORED	STORED								32	
33															33		
34	YEAR-TO-DATE AF		820.0	159.5	0.0	0.0	1559.5	0.0								34	
35															35		
36															36		
37															37		
38			CFS	CFS	AF				CFS	CFS	AF				38		
39	DIVERSION		DIVN	STOR	USED	DIVERSION			DIVN	STOR	USED	DIVERSION			39		
40															40		
41	1	Sorensen		0.0	0.0	0.0	30	Zollinger/No Tel	0.0	0.0	0.0	59	6X Ranch Pump	0.0	0.4	0.8	41
42	2	HOWELL		1.6	0.0	0.0	31	Churn Dasher Ran	0.0	0.0	0.0	60	6X Ranch Navarre	1.0	0.0	0.0	42
43	3	KENT		0.0	0.0	0.0	32	No Tellum 1	0.0	0.0	0.0	61	Gates/Woods 3	0.0	0.0	0.0	43
44	4	BRADSHAW		2.5	0.0	0.0	33	No Tellum 2	0.0	0.0	0.0	62	6X Ranch 3	0.0	0.0	0.0	44
45	5	BITTON		0.0	0.0	0.0	34	No Tellum 3	0.0	0.0	0.0	63	6X Ranch 4	0.0	0.0	0.0	45
46	6	Anderson		2.2	1.9	84.9	35	Gates/Woods 1	0.0	0.0	0.0	64	MACKAY DAM	0.0	0.0	0.0	46
47	7	Thalman Hunter D		3.8	0.0	0.0	36	Gates/Woods 2	0.0	0.0	0.0	65	SHARP	8.9	0.0	0.0	47
48	8	Johnson/Hatmaker		3.0	0.0	0.0	37	No Tellum 4	0.0	0.0	0.0					48	
49	9	NEILSEN		40.0	20.2	40.1	38	No Tellum 5	0.0	0.0	0.0	67	SWAUGER	18.7	0.0	0.0	49
50	10	Bradshaw 2		0.0	0.0	0.0	39	Gates/Woods/6X R	0.0	0.0	0.0	68	MARINAC	0.0	0.0	0.0	50
51	11	CHILLY		58.7	2.1	4.2	40	Smith Pumps*	8.0	4.8	19.1	69	DARLINGTON	34.0	0.0	0.0	51
52	12	INGRAM		0.0	0.0	0.0	41	Freeman/Kent*	0.0	0.0	0.0	70	BURNETT	39.0	0.0	0.0	52
53	13	Cherian		0.0	0.0	1.1	42	Broken River Pum	1.7	0.0	0.0	71	SUTTER	0.0	0.0	0.0	53
54	14	LONGHURST		6.2	0.0	0.0	43	Broken River Dit	1.6	0.3	0.6	72	ANGELO	0.0	0.0	0.0	54
55	15	Mtn. Springs 3		1.3	0.0	0.0	44	Freeman 2*	0.0	0.0	0.0	73	BECK	9.0	0.0	0.0	55
56	16	Donahue 1		3.2	3.2	6.3	45	Freeman 3*	0.0	0.0	0.0	74	PEHRSON	2.6	0.0	0.0	56
57	17	Zollinger 1		0.0	0.0	0.0	46	Freeman/Hill Pum	0.0	0.0	0.0	75	LOW BURNETT	0.0	0.0	0.0	57
58	18	Zollinger 3		0.0	0.0	0.0	47	6X Ranch 5	0.0	0.0	0.0	76	3IN1	4.0	0.0	0.0	58
59	19	Pence Diversion		0.0	0.0	0.0	48	Johnson/Navarro	2.8	0.8	1.6	77	B&J	0.0	0.0	0.0	59
60	20	Unger		0.0	0.0	0.0	49	6X Ranch 6	0.0	0.0	0.0	78	MOORE	73.0	0.0	0.0	60

1	REACH LOSS DATA - MAY 22, 2009												1
2													2
3													3
4	REACH		ACTUAL DATE	TOTAL GAIN	STORAGE GAIN								4
5													5
6													6
7	8	BIG LOST AT HOWELL	MAY 19	1422.	0.								7
8	7	BIG LOST ABV MACKAY RES	MAY 20	-969.	0.								8
9	1	BIG LOST BLW MACKAY RES	MAY 20	-5.	0.								9
10	2	BIG LOST AT LESLIE	MAY 20	-93.	19.								10
11	3	BIG LOST BLW MOORE DIV	MAY 21	-54.	7.								11
12	5	BIG LOST BLW MUNSEY DIV	MAY 22	6.	0.								12
13	6	BIG LOST NR ARCO	MAY 22	0.	0.								13
14													14
15													15
16													16
17													17
18	EXCHANGE PUMP DATA - MAY 22, 2009												18
19													19
20	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	20
21													21
22	1	Neilsen injectio	10.	115.9	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	7.	13.9	22
23	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	23
24	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	7.	13.9	13	SCHUREMAN EXCHAN	0.	0.0	24
25	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	25
26	5	FOLKMAN EXCHANGE	0.	0.0	10	MCDONALD EXCHANG	0.	0.0					26
27													27
28													28
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WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) MAY 23, 2009

20091110

1														1			
2	REACH FLOWS IN CFS				ACTUAL	NATURAL	ACTUAL RMAINING		EXCHANGE	STORED	RESRVOIR NATURAL	TOTAL	REACH		2		
3					DATE	FLOW	FLOW	NAT FLOW	FLOW	FLOW	EVAP FLOW DIV	RCH DIV	GAIN	LAST RIGHT	3		
4															4		
5	8	BIG	LOST	AT HOWELL	MAY 20	1621.6	1620.0	1620.0	0.0	0.0	0.0	1.6	1.6	1621.6	19160207	5	
6	7	BIG	LOST	ABV MACKAY RES *	MAY 21	634.0	496.6	493.7	9.6	3.0	0.0	138.8	145.4	-987.6	19160207	6	
7	1	BIG	LOST	BLW MACKAY RES	MAY 21	627.0	392.0	411.4	0.0	-19.4	10.3	75.2	8.9	-7.0	19160207	7	
8	2	BIG	LOST	AT LESLIE	MAY 21	537.0	190.0	231.7	0.0	-41.7	0.0	89.7	89.7	-90.0	19160207	8	
9	3	BIG	LOST	BLW MOORE DIV	MAY 22	488.6	0.0	29.3	0.0	-29.3	0.0	154.0	154.0	-48.4	19160207	9	
10	5	BIG	LOST	BLW MUNSEY DIV	MAY 23	501.3	0.0	0.0	14.0	0.0	0.0	42.0	42.0	12.7	19160207	10	
11	6	BIG	LOST	NR ARCO	MAY 23	501.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19160207	11	
12															12		
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED										TOTALS	501.	442.	501.		13	
14															14		
15															15		
16															16		
17	RESERVOIR		PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR			RIGHT	STORED		17	
18			(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)					(AF)	(AF)		18	
19	1	MACKAY	32090.0	32240.0	75.6	66.3	33090.9	361.1	1	MACKAY			556.5	145.9		19	
20									2	MACKAY			294.0	77.5		20	
21									3	MACKAY			556.5	145.9		21	
22									4	MACKAY			1113.0	292.0		22	
23									5	MACKAY			140.0	36.5		23	
24									6	MACKAY			20646.0	20646.0		24	
25									7	MACKAY			17205.0	11747.1		25	
26									8	MACKAY			6000.0	0.0		26	
27															27		
28	TOTAL												46511.0	33090.9		28	
29															29		
30															30		
31			CHANGE IN	AF USED	STORAGE	ARCO	TOTAL	UNACCT								31	
32			CONTENT	ABOVE	USED	STORED	STORED	STORED								32	
33															33		
34	YEAR-TO-DATE AF		970.0	172.7	0.0	0.0	1691.0	0.0								34	
35															35		
36															36		
37															37		
38			CFS	CFS	AF				CFS	CFS	AF			CFS	CFS	AF	38
39	DIVERSION		DIVN	STOR	USED	DIVERSION			DIVN	STOR	USED	DIVERSION		DIVN	STOR	USED	39
40															40		
41	1	Sorensen	0.0	0.0	0.0	30	Zollinger/No Tel	0.0	0.0	0.0	59	6X Ranch Pump	0.0	0.0	0.8	41	
42	2	HOWELL	1.6	0.0	0.0	31	Churn Dasher Ran	0.0	0.0	0.0	60	6X Ranch Navarre	1.0	0.0	0.0	42	
43	3	KENT	0.0	0.0	0.0	32	No Tellum 1	0.0	0.0	0.0	61	Gates/Woods 3	0.0	0.0	0.0	43	
44	4	BRADSHAW	2.5	0.0	0.0	33	No Tellum 2	0.0	0.0	0.0	62	6X Ranch 3	0.0	0.0	0.0	44	
45	5	BITTON	0.0	0.0	0.0	34	No Tellum 3	0.0	0.0	0.0	63	6X Ranch 4	0.0	0.0	0.0	45	
46	6	Anderson	2.2	1.9	88.7	35	Gates/Woods 1	0.0	0.0	0.0	64	MACKAY DAM	0.0	0.0	0.0	46	
47	7	Thalman Hunter D	3.8	0.0	0.0	36	Gates/Woods 2	0.0	0.0	0.0	65	SHARP	8.9	0.0	0.0	47	
48	8	Johnson/Hatmaker	3.0	0.0	0.0	37	No Tellum 4	0.0	0.0	0.0						48	
49	9	NEILSEN	40.0	0.0	40.1	38	No Tellum 5	0.0	0.0	0.0	67	SWAUGER	18.7	0.0	0.0	49	
50	10	Bradshaw 2	0.0	0.0	0.0	39	Gates/Woods/6X R	0.0	0.0	0.0	68	MARINAC	0.0	0.0	0.0	50	
51	11	CHILLY	58.7	0.0	4.2	40	Smith Pumps*	8.0	2.4	23.8	69	DARLINGTON	32.0	0.0	0.0	51	
52	12	INGRAM	0.0	0.0	0.0	41	Freeman/Kent*	0.0	0.0	0.0	70	BURNETT	39.0	0.0	0.0	52	
53	13	Cherian	0.0	0.0	1.1	42	Broken River Pum	1.7	0.0	0.0	71	SUTTER	0.0	0.0	0.0	53	
54	14	LONGHURST	6.2	0.0	0.0	43	Broken River Dit	1.6	0.0	0.6	72	ANGELO	0.0	0.0	0.0	54	
55	15	Mtn. Springs 3	1.3	0.0	0.0	44	Freeman 2*	0.0	0.0	0.0	73	BECK	9.0	0.0	0.0	55	
56	16	Donahue 1	3.2	2.3	10.9	45	Freeman 3*	0.0	0.0	0.0	74	PEHRSON	3.0	0.0	0.0	56	
57	17	Zollinger 1	0.0	0.0	0.0	46	Freeman/Hill Pum	0.0	0.0	0.0	75	LOW BURNETT	0.0	0.0	0.0	57	
58	18	Zollinger 3	0.0	0.0	0.0	47	6X Ranch 5	0.0	0.0	0.0	76	3IN1	2.0	0.0	0.0	58	
59	19	Pence Diversion	0.0	0.0	0.0	48	Johnson/Navarro	2.8	0.0	1.6	77	B&J	0.0	0.0	0.0	59	
60	20	Unger	0.0	0.0	0.0	49	6X Ranch 6	0.0	0.0	0.0	78	MOORE	83.0	0.0	0.0	60	

21	6X Ranch 1	0.0	0.0	0.0	50	Stoecklein 3*	0.0	0.0	0.0	79	EASTSIDE	57.0	0.0	0.0		
22	Mtn. Springs 1	0.8	0.0	0.0	51	Upper Fish Hatch	4.8	0.0	0.8	80	ARCO	11.7	0.0	0.0		
23	Mtn. Springs 4	0.0	0.0	0.0	52	Freeman Ditch	0.0	0.0	0.0	81	MUNSEY	30.3	0.0	0.0		
1	24 Mtn. Springs 2	0.8	0.0	0.0	53	Stoecklein 1	0.0	0.0	0.0	82	MILLER	0.0	0.0	0.0		1
2	25 Donahue 2	0.0	0.0	0.0	54	Stoecklein 2	0.0	0.0	0.0	83	MCLAUGHLIN	0.0	0.0	0.0		2
3	26 Simmons	0.0	0.0	0.0	55	Stoecklein 4	0.0	0.0	0.0	84	FOLKMAN PUMP	0.0	0.0	0.0		3
4	27 Donahue 4	0.0	0.0	0.0	56	Shoupe Ditch*	3.0	0.0	0.0	85	HUGGINS PUMP	0.0	0.0	0.0		4
5	28 Donahue 3	0.0	0.0	0.0	57	Gates Pump 1	0.0	0.0	0.0	86	QUIST PUMP #1	0.0	0.0	0.0		5
6	29 Zollinger 2	0.0	0.0	0.0	58	Gates Pump 2	0.0	0.0	0.0							6
7																7
8	(1) BITTON USE COMBINED WITH KENT DITCH															8
9																9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1															10
11																11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON															12
13																13
14	(4) SIMMONS USE COMBINED WITH NEILSEN															14
15																15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY															16
17																17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3															18
19																19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2															20
21																21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3															22
23																23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE															24
25																25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1															26
27																27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH															28
29																29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT															30
31																31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH															32
33																33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5															34
35																35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2															36
37																37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP															38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION															39
40																40
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1	REACH LOSS DATA - MAY 23, 2009												1
2													2
3													3
4	REACH		ACTUAL DATE	TOTAL GAIN	STORAGE GAIN								4
5													5
6													6
7	8	BIG LOST AT HOWELL	MAY 20	1622.	0.								7
8	7	BIG LOST ABV MACKAY RES	MAY 21	-988.	0.								8
9	1	BIG LOST BLW MACKAY RES	MAY 21	-7.	0.								9
10	2	BIG LOST AT LESLIE	MAY 21	-109.	0.								10
11	3	BIG LOST BLW MOORE DIV	MAY 22	-56.	0.								11
12	5	BIG LOST BLW MUNSEY DIV	MAY 23	13.	0.								12
13	6	BIG LOST NR ARCO	MAY 23	0.	0.								13
14													14
15													15
16													16
17													17
18	EXCHANGE PUMP DATA - MAY 23, 2009												18
19													19
20	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	20
21													21
22	1	Neilsen injectio	10.	134.9	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	7.	27.8	22
23	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	23
24	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	7.	27.8	13	SCHUREMAN EXCHAN	0.	0.0	24
25	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	25
26	5	FOLKMAN EXCHANGE	0.	0.0	10	MCDONALD EXCHANG	0.	0.0					26
27													27
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WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) MAY 24, 2009

20091110

REACH FLOWS IN CFS	ACTUAL DATE	NATURAL FLOW	ACTUAL RMAINING FLOW	NAT FLOW	EXCHANGE FLOW	STORED FLOW	RESRVOIR NATURAL EVAP	FLOW DIV	TOTAL RCH DIV	REACH GAIN	LAST RIGHT
8 BIG LOST AT HOWELL	MAY 21	1271.6	1270.0	1270.0	0.0	0.0	0.0	1.6	1.6	1271.6	19160207
7 BIG LOST ABV MACKAY RES *	MAY 22	766.5	628.0	625.0	9.6	3.0	0.0	139.9	146.6	-505.1	19160207
1 BIG LOST BLW MACKAY RES	MAY 22	757.3	407.0	477.6	0.0	-70.6	10.0	138.1	8.9	-9.3	19160207
2 BIG LOST AT LESLIE	MAY 22	637.8	201.0	257.7	0.0	-56.7	0.0	100.4	100.4	-119.5	19160207
3 BIG LOST BLW MOORE DIV	MAY 23	581.3	0.0	26.2	0.0	-26.2	0.0	175.0	175.0	-56.5	19160207
5 BIG LOST BLW MUNSEY DIV	MAY 24	604.0	0.0	0.0	14.0	0.0	0.0	48.9	54.3	22.8	19160207
6 BIG LOST NR ARCO	MAY 24	604.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19160207
* - INDICATES FLOW ESTIMATED, NOT MEASURED							TOTALS	604.	487.	604.	
RESERVOIR	PREV CONT (AF)	CURR CONT (AF)	CHNG CONT (CFS)	ACC STOR (CFS)	TOTL STOR (AF)	TOTL EVP (AF)	PRIORITY	RESERVOIR		RIGHT (AF)	STORED (AF)
1 MACKAY	32240.0	32620.0	191.6	129.3	33347.3	381.0	1	MACKAY		556.5	152.3
							2	MACKAY		294.0	80.9
							3	MACKAY		556.5	152.3
							4	MACKAY		1113.0	304.7
							5	MACKAY		140.0	38.0
							6	MACKAY		20646.0	20646.0
							7	MACKAY		17205.0	11973.1
							8	MACKAY		6000.0	0.0
							TOTAL			46511.0	33347.3
CHANGE IN CONTENT	AF USED ABOVE	STORAGE USED	ARCO STORED	TOTAL STORED	UNACCT STORED						
YEAR-TO-DATE AF	1350.0	185.8	10.6	0.0	1947.4	0.0					
DIVERSION	CFS DIVN	CFS STOR	AF USED	DIVERSION	CFS DIVN	CFS STOR	AF USED	DIVERSION	CFS DIVN	CFS STOR	AF USED
1 Sorensen	0.0	0.0	0.0	30 Zollinger/No Tel	0.0	0.0	0.0	59 6X Ranch Pump	0.0	0.0	0.8
2 HOWELL	1.6	0.0	0.0	31 Churn Dasher Ran	0.0	0.0	0.0	60 6X Ranch Navarre	1.0	0.0	0.0
3 KENT	0.0	0.0	0.0	32 No Tellum 1	0.0	0.0	0.0	61 Gates/Woods 3	0.0	0.0	0.0
4 BRADSHAW	2.5	0.0	0.0	33 No Tellum 2	0.0	0.0	0.0	62 6X Ranch 3	0.0	0.0	0.0
5 BITTON	0.0	0.0	0.0	34 No Tellum 3	0.0	0.0	0.0	63 6X Ranch 4	0.0	0.0	0.0
6 Anderson	2.2	1.9	92.5	35 Gates/Woods 1	0.0	0.0	0.0	64 MACKAY DAM	0.0	0.0	0.0
7 Thalman Hunter D	3.8	0.0	0.0	36 Gates/Woods 2	0.0	0.0	0.0	65 SHARP	8.9	0.0	0.0
8 Johnson/Hatmaker	3.0	0.0	0.0	37 No Tellum 4	0.0	0.0	0.0				
9 NEILSEN	40.0	0.0	40.1	38 No Tellum 5	0.0	0.0	0.0	67 SWAUGER	19.4	0.0	0.0
10 Bradshaw 2	0.0	0.0	0.0	39 Gates/Woods/6X R	0.0	0.0	0.0	68 MARINAC	0.0	0.0	0.0
11 CHILLY	58.7	0.0	4.2	40 Smith Pumps*	8.0	2.4	28.6	69 DARLINGTON	32.0	0.0	0.0
12 INGRAM	0.0	0.0	0.0	41 Freeman/Kent*	0.0	0.0	0.0	70 BURNETT	49.0	0.0	0.0
13 Cherian	0.0	0.0	1.1	42 Broken River Pum	1.7	0.0	0.0	71 SUTTER	0.0	0.0	0.0
14 LONGHURST	6.2	0.0	0.0	43 Broken River Dit	1.6	0.0	0.6	72 ANGELO	0.0	0.0	0.0
15 Mtn. Springs 3	1.3	0.0	0.0	44 Freeman 2*	0.0	0.0	0.0	73 BECK	13.0	0.0	0.0
16 Donahue 1	3.2	2.3	15.6	45 Freeman 3*	0.0	0.0	0.0	74 PEHRSON	3.0	0.0	0.0
17 Zollinger 1	0.0	0.0	0.0	46 Freeman/Hill Pum	0.0	0.0	0.0	75 LOW BURNETT	0.0	0.0	0.0
18 Zollinger 3	0.0	0.0	0.0	47 6X Ranch 5	0.0	0.0	0.0	76 3IN1	2.0	0.0	0.0
19 Pence Diversion	0.0	0.0	0.0	48 Johnson/Navarro	2.8	0.0	1.6	77 B&J	0.0	0.0	0.0
20 Unger	0.0	0.0	0.0	49 6X Ranch 6	0.0	0.0	0.0	78 MOORE	95.0	0.0	0.0

21	6X Ranch 1	0.0	0.0	0.0	50	Stoecklein 3*	0.0	0.0	0.0	79	EASTSIDE	62.0	0.0	0.0		
22	Mtn. Springs 1	0.8	0.0	0.0	51	Upper Fish Hatch	4.8	0.0	0.8	80	ARCO	13.8	0.0	0.0		
23	Mtn. Springs 4	0.0	0.0	0.0	52	Freeman Ditch	0.0	0.0	0.0	81	MUNSEY	40.5	5.4	10.6		
1	24 Mtn. Springs 2	0.8	0.0	0.0	53	Stoecklein 1	0.0	0.0	0.0	82	MILLER	0.0	0.0	0.0		1
2	25 Donahue 2	1.2	0.0	0.0	54	Stoecklein 2	0.0	0.0	0.0	83	MCLAUGHLIN	0.0	0.0	0.0		2
3	26 Simmons	0.0	0.0	0.0	55	Stoecklein 4	0.0	0.0	0.0	84	FOLKMAN PUMP	0.0	0.0	0.0		3
4	27 Donahue 4	0.0	0.0	0.0	56	Shoupe Ditch*	3.0	0.0	0.0	85	HUGGINS PUMP	0.0	0.0	0.0		4
5	28 Donahue 3	0.0	0.0	0.0	57	Gates Pump 1	0.0	0.0	0.0	86	QUIST PUMP #1	0.0	0.0	0.0		5
6	29 Zollinger 2	0.0	0.0	0.0	58	Gates Pump 2	0.0	0.0	0.0							6
7																7
8	(1) BITTON USE COMBINED WITH KENT DITCH															8
9																9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1															10
11																11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON															12
13																13
14	(4) SIMMONS USE COMBINED WITH NEILSEN															14
15																15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY															16
17																17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3															18
19																19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2															20
21																21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3															22
23																23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE															24
25																25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1															26
27																27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH															28
29																29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT															30
31																31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH															32
33																33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5															34
35																35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2															36
37																37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP															38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION															39
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1	REACH LOSS DATA - MAY 24, 2009												1
2													2
3													3
4	REACH		ACTUAL DATE	TOTAL GAIN	STORAGE GAIN								4
5													5
6													6
7	8	BIG LOST AT HOWELL	MAY 21	1272.	0.								7
8	7	BIG LOST ABV MACKAY RES	MAY 22	-505.	0.								8
9	1	BIG LOST BLW MACKAY RES	MAY 22	-9.	0.								9
10	2	BIG LOST AT LESLIE	MAY 22	-120.	0.								10
11	3	BIG LOST BLW MOORE DIV	MAY 23	-56.	0.								11
12	5	BIG LOST BLW MUNSEY DIV	MAY 24	23.	0.								12
13	6	BIG LOST NR ARCO	MAY 24	0.	0.								13
14													14
15													15
16													16
17													17
18	EXCHANGE PUMP DATA - MAY 24, 2009												18
19													19
20	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	20
21													21
22	1	Neilsen injectio	10.	154.0	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	7.	41.7	22
23	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	23
24	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	7.	41.7	13	SCHUREMAN EXCHAN	0.	0.0	24
25	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	25
26	5	FOLKMAN EXCHANGE	0.	0.0	10	MCDONALD EXCHANG	0.	0.0					26
27													27
28													28
29													29
30													30
31													31
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WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) MAY 25, 2009

20091110

1	WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (V2.0FC) MAY 23, 2009													20091110		
2	REACH FLOWS IN CFS			ACTUAL	NATURAL	ACTUAL RMAINING	EXCHANGE	STORED	RESRVOIR	NATURAL	TOTAL	REACH				
3				DATE	FLOW	FLOW NAT FLOW	FLOW	FLOW	EVAP	FLOW DIV	RCH DIV	GAIN LAST RIGHT				
4																
5	8	BIG LOST AT HOWELL		MAY 22	1131.6	1130.0	1130.0	0.0	0.0	0.0	1.6	1.6	1131.6	19160207		
6	7	BIG LOST ABV MACKAY RES *		MAY 23	772.5	633.7	630.8	9.6	3.0	0.0	140.1	146.8	-359.1	19160207		
7	1	BIG LOST BLW MACKAY RES		MAY 23	762.2	479.0	506.8	0.0	-27.8	8.7	113.7	8.9	-10.3	19160207		
8	2	BIG LOST AT LESLIE		MAY 23	643.6	240.0	287.2	0.0	-47.2	0.0	101.0	101.0	-118.6	19160207		
9	3	BIG LOST BLW MOORE DIV		MAY 24	601.8	0.0	20.4	0.0	-20.4	0.0	225.0	225.0	-41.8	19160207		
10	5	BIG LOST BLW MUNSEY DIV		MAY 25	634.1	0.0	0.0	19.7	0.0	0.0	52.7	58.1	32.3	19160207		
11	6	BIG LOST NR ARCO		MAY 25	634.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19160207		
12																
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED								TOTALS		634.	541.	634.			
14																
15																
16																
17	RESERVOIR		PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR		RIGHT		STORED		
18			(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)				(AF)		(AF)		
19																
20	1 MACKAY		32620.0	32870.0	126.0	104.8	33555.1	398.2	1	MACKAY		556.5	158.6			
21									2	MACKAY		294.0	84.3			
22									3	MACKAY		556.5	158.6			
23									4	MACKAY		1113.0	317.4			
24									5	MACKAY		140.0	39.6			
25									6	MACKAY		20646.0	20646.0			
26									7	MACKAY		17205.0	12150.6			
27									8	MACKAY		6000.0	0.0			
28																
29	TOTAL											46511.0	33555.1			
30																
31			CHANGE IN	AF USED	STORAGE	ARCO	TOTAL	UNACCT								
32			CONTENT	ABOVE	USED	STORED	STORED	STORED								
33																
34	YEAR-TO-DATE AF		1600.0	199.0	21.3	0.0	2155.2	0.0								
35																
36																
37																
38			CFS	CFS	AF				CFS	CFS	AF					
39	DIVERSION		DIVN	STOR	USED	DIVERSION			DIVN	STOR	USED	DIVERSION				
40																
41	1	Sorensen	0.0	0.0	0.0	30	Zollinger/No Tel	0.0	0.0	0.0	59	6X Ranch Pump	0.0	0.0	0.8	
42	2	HOWELL	1.6	0.0	0.0	31	Churn Dasher Ran	0.0	0.0	0.0	60	6X Ranch Navarre	1.0	0.0	0.0	
43	3	KENT	0.0	0.0	0.0	32	No Tellum 1	0.0	0.0	0.0	61	Gates/Woods 3	0.0	0.0	0.0	
44	4	BRADSHAW	2.5	0.0	0.0	33	No Tellum 2	0.0	0.0	0.0	62	6X Ranch 3	0.0	0.0	0.0	
45	5	BITTON	0.0	0.0	0.0	34	No Tellum 3	0.0	0.0	0.0	63	6X Ranch 4	0.0	0.0	0.0	
46	6	Anderson	2.2	1.9	96.2	35	Gates/Woods 1	0.0	0.0	0.0	64	MACKAY DAM	0.0	0.0	0.0	
47	7	Thalman Hunter D	3.8	0.0	0.0	36	Gates/Woods 2	0.0	0.0	0.0	65	SHARP	8.9	0.0	0.0	
48	8	Johnson/Hatmaker	3.0	0.0	0.0	37	No Tellum 4	0.0	0.0	0.0						
49	9	NEILSEN	40.0	0.0	40.1	38	No Tellum 5	0.0	0.0	0.0	67	SWAUGER	20.0	0.0	0.0	
50	10	Bradshaw 2	0.0	0.0	0.0	39	Gates/Woods/6X R	0.0	0.0	0.0	68	MARINAC	0.0	0.0	0.0	
51	11	CHILLY	58.7	0.0	4.2	40	Smith Pumps*	8.0	2.4	33.4	69	DARLINGTON	32.0	0.0	0.0	
52	12	INGRAM	0.0	0.0	0.0	41	Freeman/Kent*	0.0	0.0	0.0	70	BURNETT	49.0	0.0	0.0	
53	13	Cherian	0.2	0.0	1.1	42	Broken River Pum	1.7	0.0	0.0	71	SUTTER	0.0	0.0	0.0	
54	14	LONGHURST	6.2	0.0	0.0	43	Broken River Dit	1.6	0.0	0.6	72	ANGELO	0.0	0.0	0.0	
55	15	Mtn. Springs 3	1.3	0.0	0.0	44	Freeman 2*	0.0	0.0	0.0	73	BECK	13.0	0.0	0.0	
56	16	Donahue 1	3.2	2.3	20.2	45	Freeman 3*	0.0	0.0	0.0	74	PEHRSON	3.0	0.0	0.0	
57	17	Zollinger 1	0.0	0.0	0.0	46	Freeman/Hill Pum	0.0	0.0	0.0	75	LOW BURNETT	0.0	0.0	0.0	
58	18	Zollinger 3	0.0	0.0	0.0	47	6X Ranch 5	0.0	0.0	0.0	76	3IN1	2.0	0.0	0.0	
59	19	Pence Diversion	0.0	0.0	0.0	48	Johnson/Navarro	2.8	0.0	1.6	77	B&J	0.0	0.0	0.0	
60	20	Unger	0.0	0.0	0.0	49	6X Ranch 6	0.0	0.0	0.0	78	MOORE	133.0	0.0	0.0	

21	6X Ranch 1	0.0	0.0	0.0	50	Stoecklein 3*	0.0	0.0	0.0	79	EASTSIDE	74.0	0.0	0.0		
22	Mtn. Springs 1	0.8	0.0	0.0	51	Upper Fish Hatch	4.7	0.0	0.8	80	ARCO	17.6	0.0	0.0		
23	Mtn. Springs 4	0.0	0.0	0.0	52	Freeman Ditch	0.0	0.0	0.0	81	MUNSEY	40.5	5.4	21.3		
1	24 Mtn. Springs 2	0.8	0.0	0.0	53	Stoecklein 1	0.0	0.0	0.0	82	MILLER	0.0	0.0	0.0		1
2	25 Donahue 2	1.2	0.0	0.0	54	Stoecklein 2	0.0	0.0	0.0	83	MCLAUGHLIN	0.0	0.0	0.0		2
3	26 Simmons	0.0	0.0	0.0	55	Stoecklein 4	0.0	0.0	0.0	84	FOLKMAN PUMP	0.0	0.0	0.0		3
4	27 Donahue 4	0.0	0.0	0.0	56	Shoupe Ditch*	3.0	0.0	0.0	85	HUGGINS PUMP	0.0	0.0	0.0		4
5	28 Donahue 3	0.0	0.0	0.0	57	Gates Pump 1	0.0	0.0	0.0	86	QUIST PUMP #1	0.0	0.0	0.0		5
6	29 Zollinger 2	0.0	0.0	0.0	58	Gates Pump 2	0.0	0.0	0.0							6
7																7
8	(1) BITTON USE COMBINED WITH KENT DITCH															8
9																9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1															10
11																11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON															12
13																13
14	(4) SIMMONS USE COMBINED WITH NEILSEN															14
15																15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY															16
17																17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3															18
19																19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2															20
21																21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3															22
23																23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE															24
25																25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1															26
27																27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH															28
29																29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT															30
31																31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH															32
33																33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5															34
35																35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2															36
37																37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP															38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION															39
40																40
41																41
42																42
43																43
44																44
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1	REACH LOSS DATA - MAY 25, 2009												1
2													2
3													3
4	REACH		ACTUAL DATE	TOTAL GAIN	STORAGE GAIN								4
5													5
6													6
7	8	BIG LOST AT HOWELL	MAY 22	1132.	0.								7
8	7	BIG LOST ABV MACKAY RES	MAY 23	-359.	0.								8
9	1	BIG LOST BLW MACKAY RES	MAY 23	-10.	0.								9
10	2	BIG LOST AT LESLIE	MAY 23	-119.	0.								10
11	3	BIG LOST BLW MOORE DIV	MAY 24	-42.	0.								11
12	5	BIG LOST BLW MUNSEY DIV	MAY 25	32.	0.								12
13	6	BIG LOST NR ARCO	MAY 25	0.	0.								13
14													14
15													15
16													16
17													17
18	EXCHANGE PUMP DATA - MAY 25, 2009												18
19													19
20	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	20
21													21
22	1	Neilsen injectio	10.	173.0	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	10.	61.2	22
23	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	23
24	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	10.	61.2	13	SCHUREMAN EXCHAN	0.	0.0	24
25	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	25
26	5	FOLKMAN EXCHANGE	0.	0.0	10	MCDONALD EXCHANG	0.	0.0					26
27													27
28													28
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20091110

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21	6X Ranch 1	0.0	0.0	0.0	50	Stoecklein 3*	0.0	0.0	0.0	79	EASTSIDE	74.0	0.0	0.0		
22	Mtn. Springs 1	0.8	0.0	0.0	51	Upper Fish Hatch	4.7	0.0	0.8	80	ARCO	15.3	0.0	0.0		
23	Mtn. Springs 4	0.0	0.0	0.0	52	Freeman Ditch	0.0	0.0	0.0	81	MUNSEY	30.3	0.0	21.3		
1	24 Mtn. Springs 2	0.8	0.0	0.0	53	Stoecklein 1	0.0	0.0	0.0	82	MILLER	0.0	0.0	0.0		1
2	25 Donahue 2	1.2	0.0	0.0	54	Stoecklein 2	0.0	0.0	0.0	83	MCLAUGHLIN	0.0	0.0	0.0		2
3	26 Simmons	0.0	0.0	0.0	55	Stoecklein 4	0.0	0.0	0.0	84	FOLKMAN PUMP	0.0	0.0	0.0		3
4	27 Donahue 4	0.0	0.0	0.0	56	Shoupe Ditch*	3.0	0.0	0.0	85	HUGGINS PUMP	0.0	0.0	0.0		4
5	28 Donahue 3	0.0	0.0	0.0	57	Gates Pump 1	0.0	0.0	0.0	86	QUIST PUMP #1	0.0	0.0	0.0		5
6	29 Zollinger 2	0.0	0.0	0.0	58	Gates Pump 2	0.0	0.0	0.0							6
7																7
8	(1) BITTON USE COMBINED WITH KENT DITCH															8
9																9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1															10
11																11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON															12
13																13
14	(4) SIMMONS USE COMBINED WITH NEILSEN															14
15																15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY															16
17																17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3															18
19																19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2															20
21																21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3															22
23																23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE															24
25																25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1															26
27																27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH															28
29																29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT															30
31																31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH															32
33																33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5															34
35																35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2															36
37																37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP															38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION															39
40																40
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42																42
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60																60
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1	REACH LOSS DATA - MAY 26, 2009												1
2													2
3													3
4	REACH		ACTUAL DATE	TOTAL GAIN	STORAGE GAIN								4
5													5
6													6
7	8	BIG LOST AT HOWELL	MAY 23	1172.	0.								7
8	7	BIG LOST ABV MACKAY RES	MAY 24	-383.	0.								8
9	1	BIG LOST BLW MACKAY RES	MAY 24	-9.	0.								9
10	2	BIG LOST AT LESLIE	MAY 24	-120.	0.								10
11	3	BIG LOST BLW MOORE DIV	MAY 25	-27.	0.								11
12	5	BIG LOST BLW MUNSEY DIV	MAY 26	32.	0.								12
13	6	BIG LOST NR ARCO	MAY 26	0.	0.								13
14													14
15													15
16													16
17													17
18	EXCHANGE PUMP DATA - MAY 26, 2009												18
19													19
20	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	20
21													21
22	1	Neilsen injectio	10.	192.0	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	10.	81.0	22
23	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	23
24	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	10.	81.0	13	SCHUREMAN EXCHAN	0.	0.0	24
25	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	25
26	5	FOLKMAN EXCHANGE	6.	11.7	10	MCDONALD EXCHANG	0.	0.0					26
27													27
28													28
29													29
30													30
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WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) MAY 27, 2009

20091110

REACH FLOWS IN CFS	ACTUAL DATE	NATURAL FLOW	ACTUAL RMAINING FLOW	NAT FLOW	EXCHANGE FLOW	STORED FLOW	RESRVOIR NATURAL EVAP	FLOW DIV	TOTAL RCH DIV	REACH GAIN	LAST RIGHT
8 BIG LOST AT HOWELL	MAY 24	1721.6	1720.0	1720.0	0.0	0.0	0.0	1.6	1.6	1721.6	19160207
7 BIG LOST ABV MACKAY RES *	MAY 25	1036.0	847.7	827.6	23.0	20.1	0.0	206.8	209.8	-685.6	19160207
1 BIG LOST BLW MACKAY RES	MAY 25	1026.6	534.0	531.6	0.0	2.4	7.4	286.6	14.0	-9.4	19160207
2 BIG LOST AT LESLIE	MAY 25	901.2	286.0	290.2	0.0	-4.2	0.0	116.0	116.0	-125.4	19160207
3 BIG LOST BLW MOORE DIV	MAY 26	878.7	22.3	23.7	0.0	-1.4	0.0	244.0	244.0	-22.5	19160207
5 BIG LOST BLW MUNSEY DIV	MAY 27	903.3	0.0	0.0	26.0	0.0	0.0	48.3	48.3	24.6	19160207
6 BIG LOST NR ARCO	MAY 27	903.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19160207
* - INDICATES FLOW ESTIMATED, NOT MEASURED							TOTALS	903.	634.	903.	
RESERVOIR	PREV CONT (AF)	CURR CONT (AF)	CHNG CONT (CFS)	ACC STOR (CFS)	TOTL STOR (AF)	TOTL EVP (AF)	PRIORITY	RESERVOIR		RIGHT (AF)	STORED (AF)
1 MACKAY	33080.0	33640.0	282.3	273.0	34291.9	421.1	1	MACKAY		556.5	171.3
							2	MACKAY		294.0	91.0
							3	MACKAY		556.5	171.3
							4	MACKAY		1113.0	342.8
							5	MACKAY		140.0	42.8
							6	MACKAY		20646.0	20646.0
							7	MACKAY		17205.0	12826.6
							8	MACKAY		6000.0	0.0
TOTAL										46511.0	34291.9
CHANGE IN CONTENT	AF USED ABOVE	STORAGE USED	ARCO STORED	TOTAL STORED	UNACCT STORED						
YEAR-TO-DATE AF	2370.0	219.5	21.3	0.0	2892.0	0.0					
DIVERSION	CFS DIVN	CFS STOR	AF USED	DIVERSION	CFS DIVN	CFS STOR	AF USED	DIVERSION	CFS DIVN	CFS STOR	AF USED
1 Sorensen	0.0	0.0	0.0	30 Zollinger/No Tel	4.1	0.0	0.0	59 6X Ranch Pump	0.0	0.0	0.8
2 HOWELL	1.6	0.0	0.0	31 Churn Dasher Ran	0.8	0.0	0.0	60 6X Ranch Navarre	1.0	0.0	0.0
3 KENT	3.8	0.0	0.0	32 No Tellum 1	2.0	0.0	0.0	61 Gates/Woods 3	0.0	0.0	0.0
4 BRADSHAW	0.0	0.0	0.0	33 No Tellum 2	0.0	0.0	0.0	62 6X Ranch 3	0.8	0.0	0.0
5 BITTON	4.5	0.0	0.0	34 No Tellum 3	0.0	0.0	0.0	63 6X Ranch 4	0.0	0.0	0.0
6 Anderson	3.4	0.1	100.2	35 Gates/Woods 1	0.0	0.0	0.0	64 MACKAY DAM	0.0	0.0	0.0
7 Thalman Hunter D	1.8	0.0	0.0	36 Gates/Woods 2	0.0	0.0	0.0	65 SHARP	14.0	0.4	1.6
8 Johnson/Hatmaker	0.0	0.0	0.0	37 No Tellum 4	0.0	0.0	0.0				
9 NEILSEN	52.6	0.0	40.1	38 No Tellum 5	0.0	0.0	0.0	67 SWAUGER	24.0	0.0	0.0
10 Bradshaw 2	0.0	0.0	0.0	39 Gates/Woods/6X R	0.0	0.0	0.0	68 MARINAC	0.0	0.0	0.0
11 CHILLY	66.0	0.0	4.2	40 Smith Pumps*	6.2	0.6	39.3	69 DARLINGTON	30.0	0.0	0.0
12 INGRAM	0.0	0.0	0.0	41 Freeman/Kent*	0.0	0.0	0.0	70 BURNETT	62.0	0.0	0.0
13 Cherian	0.0	0.0	1.2	42 Broken River Pum	3.0	0.0	0.0	71 SUTTER	0.0	0.0	0.0
14 LONGHURST	18.0	0.0	0.0	43 Broken River Dit	1.2	0.0	0.6	72 ANGELO	0.0	0.0	0.0
15 Mtn. Springs 3	2.8	0.0	0.0	44 Freeman 2*	0.0	0.0	0.0	73 BECK	15.6	0.0	0.0
16 Donahue 1	1.4	0.5	25.8	45 Freeman 3*	0.0	0.0	0.0	74 PEHRSON	3.0	0.0	0.0
17 Zollinger 1	3.4	0.0	0.0	46 Freeman/Hill Pum	0.0	0.0	0.0	75 LOW BURNETT	0.0	0.0	0.0
18 Zollinger 3	2.0	1.7	3.4	47 6X Ranch 5	4.5	0.0	0.0	76 3IN1	18.8	0.0	0.0
19 Pence Diversion	0.0	0.0	0.0	48 Johnson/Navarro	2.5	0.0	1.6	77 B&J	6.9	0.0	0.0
20 Unger	0.0	0.0	0.0	49 6X Ranch 6	0.0	0.0	0.0	78 MOORE	148.0	0.0	0.0

21	6X Ranch 1	6.0	0.0	0.0	50	Stoecklein 3*	0.0	0.0	0.0	79	EASTSIDE	51.7	0.0	0.0		
22	Mtn. Springs 1	2.8	0.0	0.0	51	Upper Fish Hatch	4.7	0.0	0.8	80	ARCO	16.1	0.0	0.0		
23	Mtn. Springs 4	0.0	0.0	0.0	52	Freeman Ditch	0.0	0.0	0.0	81	MUNSEY	32.2	0.0	21.3		
1	24 Mtn. Springs 2	1.1	0.0	0.0	53	Stoecklein 1	1.0	0.0	0.0	82	MILLER	0.0	0.0	0.0		1
2	25 Donahue 2	1.2	0.0	0.0	54	Stoecklein 2	0.0	0.0	0.0	83	MCLAUGHLIN	0.0	0.0	0.0		2
3	26 Simmons	1.2	0.0	0.0	55	Stoecklein 4	0.0	0.0	0.0	84	FOLKMAN PUMP	0.0	0.0	0.0		3
4	27 Donahue 4	0.0	0.0	0.0	56	Shoupe Ditch*	3.2	0.0	0.0	85	HUGGINS PUMP	0.0	0.0	0.0		4
5	28 Donahue 3	1.0	0.0	0.0	57	Gates Pump 1	0.0	0.0	0.0	86	QUIST PUMP #1	0.0	0.0	0.0		5
6	29 Zollinger 2	1.8	0.0	0.0	58	Gates Pump 2	0.0	0.0	0.0							6
7																7
8	(1) BITTON USE COMBINED WITH KENT DITCH															8
9																9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1															10
11																11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON															12
13																13
14	(4) SIMMONS USE COMBINED WITH NEILSEN															14
15																15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY															16
17																17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3															18
19																19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2															20
21																21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3															22
23																23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE															24
25																25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1															26
27																27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH															28
29																29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT															30
31																31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH															32
33																33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5															34
35																35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2															36
37																37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP															38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION															39
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42																42
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1	REACH LOSS DATA - MAY 27, 2009												1
2													2
3													3
4	REACH				ACTUAL DATE	TOTAL GAIN	STORAGE GAIN						4
5													5
6													6
7	8 BIG LOST AT HOWELL				MAY 24	1722.	0.						7
8	7 BIG LOST ABV MACKAY RES				MAY 25	-686.	0.						8
9	1 BIG LOST BLW MACKAY RES				MAY 25	-9.	0.						9
10	2 BIG LOST AT LESLIE				MAY 25	-125.	1.						10
11	3 BIG LOST BLW MOORE DIV				MAY 26	-23.	0.						11
12	5 BIG LOST BLW MUNSEY DIV				MAY 27	25.	0.						12
13	6 BIG LOST NR ARCO				MAY 27	0.	0.						13
14													14
15													15
16													16
17													17
18	EXCHANGE PUMP DATA - MAY 27, 2009												18
19													19
20	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	20
21													21
22	1 Neilsen injectio	23.		237.7	6 POTTER EXCHANGE	0.		0.0	11 ISOM 2 EXCHANGE	10.		100.9	22
23	2 JM SMITH EXCHANG	0.		0.0	7 JENSEN EXCHANGE	0.		0.0	12 QUIST EXCHANGE P	0.		0.0	23
24	3 L SMITH EXCHANGE	0.		0.0	8 ISOM 1 EXCHANGE	10.		100.9	13 SCHUREMAN EXCHAN	0.		0.0	24
25	4 PEHRSON EXCHANGE	0.		0.0	9 PARKINSON EXCHAN	0.		0.0	14 RASMUSSEN EXCHAN	0.		0.0	25
26	5 FOLKMAN EXCHANGE	6.		23.6	10 MCDONALD EXCHANG	0.		0.0					26
27													27
28													28
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WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) MAY 28, 2009

20091110

REACH FLOWS IN CFS	ACTUAL DATE	NATURAL FLOW	ACTUAL RMAINING FLOW	NAT FLOW	EXCHANGE FLOW	STORED FLOW	RESRVOIR NATURAL EVAP	FLOW DIV	TOTAL RCH DIV	REACH GAIN	LAST RIGHT
8 BIG LOST AT HOWELL	MAY 25	2061.6	2060.0	2060.0	0.0	0.0	0.0	1.6	1.6	2061.6	19160207
7 BIG LOST ABV MACKAY RES *	MAY 26	1018.6	830.3	810.2	23.0	20.1	0.0	206.8	209.8	-1043.0	19160207
1 BIG LOST BLW MACKAY RES	MAY 26	1008.9	539.0	546.3	0.0	-7.3	8.2	254.1	14.0	-9.8	19160207
2 BIG LOST AT LESLIE	MAY 26	878.9	293.0	296.4	0.0	-3.4	0.0	120.0	120.0	-129.9	19160207
3 BIG LOST BLW MOORE DIV	MAY 27	858.3	33.8	34.8	0.0	-1.0	0.0	241.0	241.0	-20.6	19160207
5 BIG LOST BLW MUNSEY DIV	MAY 28	872.9	0.0	0.0	26.0	0.0	0.0	49.3	59.8	14.5	19160207
6 BIG LOST NR ARCO	MAY 28	872.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19160207
* - INDICATES FLOW ESTIMATED, NOT MEASURED							TOTALS	873.	646.	873.	
RESERVOIR	PREV CONT (AF)	CURR CONT (AF)	CHNG CONT (CFS)	ACC STOR (CFS)	TOTL STOR (AF)	TOTL EVP (AF)	PRIORITY	RESERVOIR		RIGHT (AF)	STORED (AF)
1 MACKAY	33640.0	34150.0	257.1	240.5	34768.9	437.3	1	MACKAY		556.5	177.7
							2	MACKAY		294.0	94.4
							3	MACKAY		556.5	177.7
							4	MACKAY		1113.0	355.5
							5	MACKAY		140.0	44.4
							6	MACKAY		20646.0	20646.0
							7	MACKAY		17205.0	13273.3
							8	MACKAY		6000.0	0.0
							TOTAL			46511.0	34768.9
CHANGE IN CONTENT	AF USED ABOVE	STORAGE USED	ARCO STORED	TOTAL STORED	UNACCT STORED						
YEAR-TO-DATE AF	2880.0	226.1	42.0	0.0	3369.0	0.0					
DIVERSION	CFS DIVN	CFS STOR	AF USED	DIVERSION	CFS DIVN	CFS STOR	AF USED	DIVERSION	CFS DIVN	CFS STOR	AF USED
1 Sorensen	0.0	0.0	0.0	30 Zollinger/No Tel	4.1	0.0	0.0	59 6X Ranch Pump	0.0	0.0	0.8
2 HOWELL	1.6	0.0	0.0	31 Churn Dasher Ran	0.8	0.0	0.0	60 6X Ranch Navarre	1.0	0.0	0.0
3 KENT	3.8	0.0	0.0	32 No Tellum 1	2.0	0.0	0.0	61 Gates/Woods 3	0.0	0.0	0.0
4 BRADSHAW	0.0	0.0	0.0	33 No Tellum 2	0.0	0.0	0.0	62 6X Ranch 3	0.8	0.0	0.0
5 BITTON	4.5	0.0	0.0	34 No Tellum 3	0.0	0.0	0.0	63 6X Ranch 4	0.0	0.0	0.0
6 Anderson	3.4	0.1	100.4	35 Gates/Woods 1	0.0	0.0	0.0	64 MACKAY DAM	0.0	0.0	0.0
7 Thalman Hunter D	1.8	0.0	0.0	36 Gates/Woods 2	0.0	0.0	0.0	65 SHARP	14.0	0.4	2.4
8 Johnson/Hatmaker	0.0	0.0	0.0	37 No Tellum 4	0.0	0.0	0.0				
9 NEILSEN	52.6	0.0	40.1	38 No Tellum 5	0.0	0.0	0.0	67 SWAUGER	26.0	0.0	0.0
10 Bradshaw 2	0.0	0.0	0.0	39 Gates/Woods/6X R	0.0	0.0	0.0	68 MARINAC	0.0	0.0	0.0
11 CHILLY	66.0	0.0	4.2	40 Smith Pumps*	6.2	0.6	40.5	69 DARLINGTON	32.0	0.0	0.0
12 INGRAM	0.0	0.0	0.0	41 Freeman/Kent*	0.0	0.0	0.0	70 BURNETT	62.0	0.0	0.0
13 Cherian	0.0	0.0	1.2	42 Broken River Pum	3.0	0.0	0.0	71 SUTTER	0.0	0.0	0.0
14 LONGHURST	18.0	0.0	0.0	43 Broken River Dit	1.2	0.0	0.6	72 ANGELO	0.0	0.0	0.0
15 Mtn. Springs 3	2.8	0.0	0.0	44 Freeman 2*	0.0	0.0	0.0	73 BECK	15.6	0.0	0.0
16 Donahue 1	1.4	0.5	26.8	45 Freeman 3*	0.0	0.0	0.0	74 PEHRSON	3.0	0.0	0.0
17 Zollinger 1	3.4	0.0	0.0	46 Freeman/Hill Pum	0.0	0.0	0.0	75 LOW BURNETT	0.0	0.0	0.0
18 Zollinger 3	2.0	1.7	6.7	47 6X Ranch 5	4.5	0.0	0.0	76 3IN1	19.7	0.0	0.0
19 Pence Diversion	0.0	0.0	0.0	48 Johnson/Navarro	2.5	0.0	1.6	77 B&J	7.5	0.0	0.0
20 Unger	0.0	0.0	0.0	49 6X Ranch 6	0.0	0.0	0.0	78 MOORE	152.0	0.0	0.0

21	6X Ranch 1	6.0	0.0	0.0	50	Stoecklein 3*	0.0	0.0	0.0	79	EASTSIDE	43.2	0.0	0.0		
22	Mtn. Springs 1	2.8	0.0	0.0	51	Upper Fish Hatch	4.7	0.0	0.8	80	ARCO	14.2	0.0	0.0		
23	Mtn. Springs 4	0.0	0.0	0.0	52	Freeman Ditch	0.0	0.0	0.0	81	MUNSEY	45.6	10.5	42.0		
1	24 Mtn. Springs 2	1.1	0.0	0.0	53	Stoecklein 1	1.0	0.0	0.0	82	MILLER	0.0	0.0	0.0		1
2	25 Donahue 2	1.2	0.0	0.0	54	Stoecklein 2	0.0	0.0	0.0	83	MCLAUGHLIN	0.0	0.0	0.0		2
3	26 Simmons	1.2	0.0	0.0	55	Stoecklein 4	0.0	0.0	0.0	84	FOLKMAN PUMP	0.0	0.0	0.0		3
4	27 Donahue 4	0.0	0.0	0.0	56	Shoupe Ditch*	3.2	0.0	0.0	85	HUGGINS PUMP	0.0	0.0	0.0		4
5	28 Donahue 3	1.0	0.0	0.0	57	Gates Pump 1	0.0	0.0	0.0	86	QUIST PUMP #1	0.0	0.0	0.0		5
6	29 Zollinger 2	1.8	0.0	0.0	58	Gates Pump 2	0.0	0.0	0.0							6
7																7
8	(1) BITTON USE COMBINED WITH KENT DITCH															8
9																9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1															10
11																11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON															12
13																13
14	(4) SIMMONS USE COMBINED WITH NEILSEN															14
15																15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY															16
17																17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3															18
19																19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2															20
21																21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3															22
23																23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE															24
25																25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1															26
27																27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH															28
29																29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT															30
31																31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH															32
33																33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5															34
35																35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2															36
37																37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP															38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION															39
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1	REACH LOSS DATA - MAY 28, 2009												1
2													2
3													3
4	REACH		ACTUAL DATE	TOTAL GAIN	STORAGE GAIN								4
5													5
6													6
7	8	BIG LOST AT HOWELL	MAY 25	2062.	0.								7
8	7	BIG LOST ABV MACKAY RES	MAY 26	-1043.	0.								8
9	1	BIG LOST BLW MACKAY RES	MAY 26	-10.	0.								9
10	2	BIG LOST AT LESLIE	MAY 26	-130.	0.								10
11	3	BIG LOST BLW MOORE DIV	MAY 27	-21.	0.								11
12	5	BIG LOST BLW MUNSEY DIV	MAY 28	15.	0.								12
13	6	BIG LOST NR ARCO	MAY 28	0.	0.								13
14													14
15													15
16													16
17													17
18	EXCHANGE PUMP DATA - MAY 28, 2009												18
19													19
20	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	20
21													21
22	1	Neilsen injectio	23.	283.3	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	10.	120.7	22
23	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	23
24	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	10.	120.7	13	SCHUREMAN EXCHAN	0.	0.0	24
25	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	25
26	5	FOLKMAN EXCHANGE	6.	35.5	10	MCDONALD EXCHANG	0.	0.0					26
27													27
28													28
29													29
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WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) MAY 29, 2009

20091110

1	WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (V2.0FC) MAY 29, 2009													20091110				
2	REACH FLOWS IN CFS			ACTUAL	NATURAL	ACTUAL RMAINING	EXCHANGE	STORED	RESRVOIR	NATURAL	TOTAL	REACH						
3				DATE	FLOW	FLOW NAT FLOW	FLOW	FLOW	EVAP	FLOW DIV	RCH DIV	GAIN LAST RIGHT						
4																		
5	8	BIG LOST AT HOWELL		MAY 26	1751.6	1750.0	1750.0	0.0	0.0	0.0	1.6	1.6	1751.6	19160207				
6	7	BIG LOST ABV MACKAY RES *		MAY 27	984.1	794.8	774.7	23.0	20.1	0.0	207.8	210.8	-767.5	19160207				
7	1	BIG LOST BLW MACKAY RES		MAY 27	974.1	592.0	577.3	0.0	14.7	10.4	187.4	14.0	-10.0	19160207				
8	2	BIG LOST AT LESLIE		MAY 27	839.1	314.0	320.3	0.0	-6.3	0.0	122.0	122.0	-135.0	19160207				
9	3	BIG LOST BLW MOORE DIV		MAY 28	814.2	33.8	47.7	0.0	-13.9	0.0	247.6	247.6	-25.0	19160207				
10	5	BIG LOST BLW MUNSEY DIV		MAY 29	822.5	0.0	0.0	26.0	0.0	0.0	56.0	73.5	8.3	19160207				
11	6	BIG LOST NR ARCO		MAY 29	822.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19160207				
12																		
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED								TOTALS		823.	669.	823.					
14																		
15																		
16																		
17	RESERVOIR		PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR		RIGHT		STORED				
18			(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)				(AF)		(AF)				
19																		
20	1	MACKAY		34150.0	34480.0	166.4	173.8	35113.7	458.0	1	MACKAY		556.5	184.0				
21										2	MACKAY		294.0	97.7				
22										3	MACKAY		556.5	184.0				
23										4	MACKAY		1113.0	368.1				
24										5	MACKAY		140.0	46.0				
25										6	MACKAY		20646.0	20646.0				
26										7	MACKAY		17205.0	13587.7				
27										8	MACKAY		6000.0	0.0				
28																		
29	TOTAL											46511.0	35113.7					
30																		
31	CHANGE IN			AF USED	STORAGE	ARCO	TOTAL	UNACCT										
32	CONTENT			ABOVE	USED	STORED	STORED	STORED										
33																		
34	YEAR-TO-DATE AF			3210.0	232.7	76.7	0.0	3713.8	0.0									
35																		
36																		
37																		
38	CFS			CFS	AF	CFS			CFS	AF	CFS			CFS	AF			
39	DIVN			STOR	USED	DIVN			STOR	USED	DIVN			STOR	USED			
40																		
41	1	Sorensen		0.0	0.0	0.0	30	Zollinger/No Tel		4.1	0.0	0.0	59	6X Ranch Pump		0.0	0.0	0.8
42	2	HOWELL		1.6	0.0	0.0	31	Churn Dasher Ran		0.8	0.0	0.0	60	6X Ranch Navarre		1.0	0.0	0.0
43	3	KENT		3.8	0.0	0.0	32	No Tellum 1		2.0	0.0	0.0	61	Gates/Woods 3		0.0	0.0	0.0
44	4	BRADSHAW		0.0	0.0	0.0	33	No Tellum 2		0.0	0.0	0.0	62	6X Ranch 3		0.8	0.0	0.0
45	5	BITTON		4.5	0.0	0.0	34	No Tellum 3		0.0	0.0	0.0	63	6X Ranch 4		0.0	0.0	0.0
46	6	Anderson		3.4	0.1	100.6	35	Gates/Woods 1		0.0	0.0	0.0	64	MACKAY DAM		0.0	0.0	0.0
47	7	Thalman Hunter D		1.8	0.0	0.0	36	Gates/Woods 2		0.0	0.0	0.0	65	SHARP		14.0	0.4	3.2
48	8	Johnson/Hatmaker		0.0	0.0	0.0	37	No Tellum 4		0.0	0.0	0.0						
49	9	NEILSEN		52.6	0.0	40.1	38	No Tellum 5		0.0	0.0	0.0	67	SWAUGER		26.0	0.0	0.0
50	10	Bradshaw 2		0.0	0.0	0.0	39	Gates/Woods/6X R		0.0	0.0	0.0	68	MARINAC		0.0	0.0	0.0
51	11	CHILLY		66.0	0.0	4.2	40	Smith Pumps*		6.2	0.6	41.7	69	DARLINGTON		32.0	0.0	0.0
52	12	INGRAM		0.0	0.0	0.0	41	Freeman/Kent*		0.0	0.0	0.0	70	BURNETT		64.0	0.0	0.0
53	13	Cherian		0.0	0.0	1.2	42	Broken River Pum		3.0	0.0	0.0	71	SUTTER		0.0	0.0	0.0
54	14	LONGHURST		19.0	0.0	0.0	43	Broken River Dit		1.2	0.0	0.6	72	ANGELO		0.0	0.0	0.0
55	15	Mtn. Springs 3		2.8	0.0	0.0	44	Freeman 2*		0.0	0.0	0.0	73	BECK		15.6	0.0	0.0
56	16	Donahue 1		1.4	0.5	27.8	45	Freeman 3*		0.0	0.0	0.0	74	PEHRSON		3.0	0.0	0.0
57	17	Zollinger 1		3.4	0.0	0.0	46	Freeman/Hill Pum		0.0	0.0	0.0	75	LOW BURNETT		0.0	0.0	0.0
58	18	Zollinger 3		2.0	1.7	10.1	47	6X Ranch 5		4.5	0.0	0.0	76	3IN1		21.3	0.0	0.0
59	19	Pence Diversion		0.0	0.0	0.0	48	Johnson/Navarro		2.5	0.0	1.6	77	B&J		7.5	0.0	0.0
60	20	Unger		0.0	0.0	0.0	49	6X Ranch 6		0.0	0.0	0.0	78	MOORE		152.0	0.0	0.0

21	6X Ranch 1	6.0	0.0	0.0	50	Stoecklein 3*	0.0	0.0	0.0	79	EASTSIDE	48.2	0.0	0.0		
22	Mtn. Springs 1	2.8	0.0	0.0	51	Upper Fish Hatch	4.7	0.0	0.8	80	ARCO	20.9	0.0	0.0		
23	Mtn. Springs 4	0.0	0.0	0.0	52	Freeman Ditch	0.0	0.0	0.0	81	MUNSEY	52.6	17.5	76.7		
1	24 Mtn. Springs 2	1.1	0.0	0.0	53	Stoecklein 1	1.0	0.0	0.0	82	MILLER	0.0	0.0	0.0		1
2	25 Donahue 2	1.2	0.0	0.0	54	Stoecklein 2	0.0	0.0	0.0	83	MCLAUGHLIN	0.0	0.0	0.0		2
3	26 Simmons	1.2	0.0	0.0	55	Stoecklein 4	0.0	0.0	0.0	84	FOLKMAN PUMP	0.0	0.0	0.0		3
4	27 Donahue 4	0.0	0.0	0.0	56	Shoupe Ditch*	3.2	0.0	0.0	85	HUGGINS PUMP	0.0	0.0	0.0		4
5	28 Donahue 3	1.0	0.0	0.0	57	Gates Pump 1	0.0	0.0	0.0	86	QUIST PUMP #1	0.0	0.0	0.0		5
6	29 Zollinger 2	1.8	0.0	0.0	58	Gates Pump 2	0.0	0.0	0.0							6
7																7
8	(1) BITTON USE COMBINED WITH KENT DITCH															8
9																9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1															10
11																11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON															12
13																13
14	(4) SIMMONS USE COMBINED WITH NEILSEN															14
15																15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY															16
17																17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3															18
19																19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2															20
21																21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3															22
23																23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE															24
25																25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1															26
27																27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH															28
29																29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT															30
31																31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH															32
33																33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5															34
35																35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2															36
37																37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP															38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION															39
40																40
41																41
42																42
43																43
44																44
45																45
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60																60
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1	REACH LOSS DATA - MAY 29, 2009												1
2													2
3													3
4	REACH		ACTUAL DATE	TOTAL GAIN	STORAGE GAIN								4
5													5
6													6
7	8	BIG LOST AT HOWELL	MAY 26	1752.	0.								7
8	7	BIG LOST ABV MACKAY RES	MAY 27	-767.	0.								8
9	1	BIG LOST BLW MACKAY RES	MAY 27	-10.	0.								9
10	2	BIG LOST AT LESLIE	MAY 27	-135.	3.								10
11	3	BIG LOST BLW MOORE DIV	MAY 28	-25.	0.								11
12	5	BIG LOST BLW MUNSEY DIV	MAY 29	8.	0.								12
13	6	BIG LOST NR ARCO	MAY 29	0.	0.								13
14													14
15													15
16													16
17													17
18	EXCHANGE PUMP DATA - MAY 29, 2009												18
19													19
20	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	20
21													21
22	1	Neilsen injectio	23.	328.9	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	10.	140.5	22
23	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	23
24	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	10.	140.5	13	SCHUREMAN EXCHAN	0.	0.0	24
25	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	25
26	5	FOLKMAN EXCHANGE	6.	47.4	10	MCDONALD EXCHANG	0.	0.0					26
27													27
28													28
29													29
30													30
31													31
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60													60
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20091110

21	6X Ranch 1	6.0	0.0	0.0	50	Stoecklein 3*	0.0	0.0	0.0	79	EASTSIDE	71.2	0.0	0.0		
22	Mtn. Springs 1	2.8	0.0	0.0	51	Upper Fish Hatch	4.7	0.0	0.8	80	ARCO	20.9	0.0	0.0		
23	Mtn. Springs 4	0.0	0.0	0.0	52	Freeman Ditch	0.0	0.0	0.0	81	MUNSEY	57.7	22.6	121.4		
1	24 Mtn. Springs 2	1.1	0.0	0.0	53	Stoecklein 1	1.0	0.0	0.0	82	MILLER	0.0	0.0	0.0		1
2	25 Donahue 2	1.2	0.0	0.0	54	Stoecklein 2	0.0	0.0	0.0	83	MCLAUGHLIN	0.0	0.0	0.0		2
3	26 Simmons	1.2	0.0	0.0	55	Stoecklein 4	0.0	0.0	0.0	84	FOLKMAN PUMP	0.0	0.0	0.0		3
4	27 Donahue 4	0.0	0.0	0.0	56	Shoupe Ditch*	3.2	0.0	0.0	85	HUGGINS PUMP	0.0	0.0	0.0		4
5	28 Donahue 3	1.0	0.0	0.0	57	Gates Pump 1	0.0	0.0	0.0	86	QUIST PUMP #1	0.0	0.0	0.0		5
6	29 Zollinger 2	1.8	0.0	0.0	58	Gates Pump 2	0.0	0.0	0.0							6
7																7
8	(1) BITTON USE COMBINED WITH KENT DITCH															8
9																9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1															10
11																11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON															12
13																13
14	(4) SIMMONS USE COMBINED WITH NEILSEN															14
15																15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY															16
17																17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3															18
19																19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2															20
21																21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3															22
23																23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE															24
25																25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1															26
27																27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH															28
29																29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT															30
31																31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH															32
33																33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5															34
35																35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2															36
37																37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP															38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION															39
40																40
41																41
42																42
43																43
44																44
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59																59
60																60
61																61

1	REACH LOSS DATA - MAY 30, 2009												1
2													2
3													3
4	REACH		ACTUAL	TOTAL	STORAGE								4
5			DATE	GAIN	GAIN								5
6													6
7	8	BIG LOST AT HOWELL	MAY 27	1592.	0.								7
8	7	BIG LOST ABV MACKAY RES	MAY 28	114.	0.								8
9	1	BIG LOST BLW MACKAY RES	MAY 28	-11.	0.								9
10	2	BIG LOST AT LESLIE	MAY 28	-148.	5.								10
11	3	BIG LOST BLW MOORE DIV	MAY 29	-24.	0.								11
12	5	BIG LOST BLW MUNSEY DIV	MAY 30	8.	0.								12
13	6	BIG LOST NR ARCO	MAY 30	0.	0.								13
14													14
15													15
16													16
17													17
18	EXCHANGE PUMP DATA - MAY 30, 2009												18
19													19
20	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	20
21													21
22	1	Neilsen injectio	23.	374.5	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	10.	160.4	22
23	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	23
24	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	10.	160.4	13	SCHUREMAN EXCHAN	0.	0.0	24
25	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	25
26	5	FOLKMAN EXCHANGE	6.	59.3	10	MCDONALD EXCHANG	0.	0.0					26
27													27
28													28
29													29
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61													61

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) MAY 31, 2009

20091110

REACH FLOWS IN CFS	ACTUAL DATE	NATURAL FLOW	ACTUAL RMAINING FLOW	NAT FLOW	EXCHANGE FLOW	STORED FLOW	RESRVOIR NATURAL EVAP	FLOW DIV	TOTAL RCH DIV	REACH GAIN	LAST RIGHT
8 BIG LOST AT HOWELL	MAY 28	1641.6	1640.0	1640.0	0.0	0.0	0.0	1.6	1.6	1641.6	19160207
7 BIG LOST ABV MACKAY RES *	MAY 29	1260.2	1076.8	1070.6	9.1	6.2	0.0	188.0	190.9	-381.4	19160207
1 BIG LOST BLW MACKAY RES	MAY 29	1249.5	727.0	654.7	0.0	72.3	11.2	405.2	16.6	-10.7	19160207
2 BIG LOST AT LESLIE	MAY 29	1089.1	393.0	360.2	0.0	32.8	0.0	134.0	134.0	-160.5	19160207
3 BIG LOST BLW MOORE DIV	MAY 30	1054.9	66.0	59.5	0.0	6.5	0.0	266.6	266.6	-34.2	19160207
5 BIG LOST BLW MUNSEY DIV	MAY 31	1063.2	0.0	0.0	26.0	0.0	0.0	67.7	92.6	8.3	19160207
6 BIG LOST NR ARCO	MAY 31	1063.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19160207
* - INDICATES FLOW ESTIMATED, NOT MEASURED							TOTALS	1063.	702.	1063.	
RESERVOIR	PREV CONT (AF)	CURR CONT (AF)	CHNG CONT (CFS)	ACC STOR (CFS)	TOTL STOR (AF)	TOTL EVP (AF)	PRIORITY	RESERVOIR		RIGHT (AF)	STORED (AF)
1 MACKAY	36120.0	36740.0	312.6	391.6	37557.0	499.5	1	MACKAY		556.5	196.7
							2	MACKAY		294.0	104.5
							3	MACKAY		556.5	196.7
							4	MACKAY		1113.0	393.5
							5	MACKAY		140.0	49.2
							6	MACKAY		20646.0	20646.0
							7	MACKAY		17205.0	15970.4
							8	MACKAY		6000.0	0.0
TOTAL										46511.0	37557.0
CHANGE IN CONTENT	AF USED ABOVE	STORAGE USED	ARCO STORED	TOTAL STORED	UNACCT STORED						
YEAR-TO-DATE AF	5470.0	256.2	170.7	0.0	6157.1	0.0					
DIVERSION	CFS DIVN	CFS STOR	AF USED	DIVERSION	CFS DIVN	CFS STOR	AF USED	DIVERSION	CFS DIVN	CFS STOR	AF USED
1 Sorensen	0.0	0.0	0.0	30 Zollinger/No Tel	4.1	0.0	0.0	59 6X Ranch Pump	0.0	0.0	0.8
2 HOWELL	1.6	0.0	0.0	31 Churn Dasher Ran	0.8	0.0	0.0	60 6X Ranch Navarre	1.0	0.0	0.0
3 KENT	3.8	0.0	0.0	32 No Tellum 1	2.0	0.0	0.0	61 Gates/Woods 3	0.0	0.0	0.0
4 BRADSHAW	0.0	0.0	0.0	33 No Tellum 2	0.0	0.0	0.0	62 6X Ranch 3	0.8	0.0	0.0
5 BITTON	4.5	0.0	0.0	34 No Tellum 3	0.0	0.0	0.0	63 6X Ranch 4	0.0	0.0	0.0
6 Anderson	3.4	0.1	101.0	35 Gates/Woods 1	0.0	0.0	0.0	64 MACKAY DAM	0.0	0.0	0.0
7 Thalman Hunter D	1.8	0.0	0.0	36 Gates/Woods 2	0.0	0.0	0.0	65 SHARP	16.6	3.0	15.1
8 Johnson/Hatmaker	0.0	0.0	0.0	37 No Tellum 4	0.0	0.0	0.0				
9 NEILSEN	34.0	0.0	40.1	38 No Tellum 5	0.0	0.0	0.0	67 SWAUGER	26.0	0.0	0.0
10 Bradshaw 2	0.0	0.0	0.0	39 Gates/Woods/6X R	0.0	0.0	0.0	68 MARINAC	0.0	0.0	0.0
11 CHILLY	66.0	0.0	4.2	40 Smith Pumps*	6.2	0.6	44.1	69 DARLINGTON	32.0	0.0	0.0
12 INGRAM	0.0	0.0	0.0	41 Freeman/Kent*	0.0	0.0	0.0	70 BURNETT	76.0	0.0	0.0
13 Cherian	0.0	0.0	1.2	42 Broken River Pum	3.0	0.0	0.0	71 SUTTER	0.0	0.0	0.0
14 LONGHURST	19.0	0.0	0.0	43 Broken River Dit	1.2	0.0	0.6	72 ANGELO	0.0	0.0	0.0
15 Mtn. Springs 3	2.8	0.0	0.0	44 Freeman 2*	0.0	0.0	0.0	73 BECK	14.8	0.0	0.0
16 Donahue 1	1.4	0.5	29.9	45 Freeman 3*	0.0	0.0	0.0	74 PEHRSON	3.0	0.0	0.0
17 Zollinger 1	3.4	0.0	0.0	46 Freeman/Hill Pum	0.0	0.0	0.0	75 LOW BURNETT	0.0	0.0	0.0
18 Zollinger 3	2.0	1.7	16.9	47 6X Ranch 5	4.5	0.0	0.0	76 3IN1	21.3	0.0	0.0
19 Pence Diversion	0.0	0.0	0.0	48 Johnson/Navarro	2.5	0.0	1.6	77 B&J	7.5	0.0	0.0
20 Unger	0.0	0.0	0.0	49 6X Ranch 6	0.0	0.0	0.0	78 MOORE	164.0	0.0	0.0

1	REACH LOSS DATA - MAY 31, 2009												1
2													2
3													3
4	REACH		ACTUAL DATE	TOTAL GAIN	STORAGE GAIN								4
5													5
6													6
7	8	BIG LOST AT HOWELL	MAY 28	1642.	0.								7
8	7	BIG LOST ABV MACKAY RES	MAY 29	-381.	0.								8
9	1	BIG LOST BLW MACKAY RES	MAY 29	-11.	0.								9
10	2	BIG LOST AT LESLIE	MAY 29	-166.	16.								10
11	3	BIG LOST BLW MOORE DIV	MAY 30	-34.	3.								11
12	5	BIG LOST BLW MUNSEY DIV	MAY 31	8.	0.								12
13	6	BIG LOST NR ARCO	MAY 31	0.	0.								13
14													14
15													15
16													16
17													17
18	EXCHANGE PUMP DATA - MAY 31, 2009												18
19													19
20	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	20
21													21
22	1	Neilsen injectio	9.	392.6	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	10.	180.2	22
23	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	23
24	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	10.	180.2	13	SCHUREMAN EXCHAN	0.	0.0	24
25	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	25
26	5	FOLKMAN EXCHANGE	6.	71.2	10	MCDONALD EXCHANG	0.	0.0					26
27													27
28													28
29													29
30													30
31													31
32													32
33													33
34													34
35													35
36													36
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56													56
57													57
58													58
59													59
60													60
61													61

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) JUN 1, 2009

20091110

1													1
2	REACH FLOWS IN CFS												2
3	ACTUAL DATE NATURAL FLOW ACTUAL RMAINING FLOW NAT FLOW EXCHANGE FLOW STORED FLOW RESRVOIR NATURAL FLOW DIV TOTAL RCH DIV REACH GAIN LAST RIGHT												3
4													4
5	8 BIG LOST AT HOWELL	MAY 29	1661.6	1660.0	1660.0	0.0	0.0	0.0	1.6	1.6	1661.6	19160207	5
6	7 BIG LOST ABV MACKAY RES *	MAY 30	1298.6	1114.9	1108.8	9.1	6.2	0.0	188.3	191.2	-363.0	19160207	6
7	1 BIG LOST BLW MACKAY RES	MAY 30	1288.6	760.0	696.2	0.0	63.8	11.3	402.5	16.8	-10.0	19160207	7
8	2 BIG LOST AT LESLIE	MAY 30	1125.6	444.0	399.2	0.0	44.8	0.0	134.0	134.0	-163.0	19160207	8
9	3 BIG LOST BLW MOORE DIV	MAY 31	1078.6	73.8	63.3	0.0	10.5	0.0	288.9	289.3	-47.0	19160207	9
10	5 BIG LOST BLW MUNSEY DIV	JUN 1	1086.3	5.0	1.3	26.0	3.7	0.0	69.7	92.3	7.6	19160207	10
11	6 BIG LOST NR ARCO	JUN 1	1085.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.2	19160207	11
12													12
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED												13
14													14
15													15
16													16
17	RESERVOIR	PREV CONT (AF)	CURR CONT (AF)	CHNG CONT (CFS)	ACC STOR (CFS)	TOTL STOR (AF)	TOTL EVP (AF)	PRIORITY	RESERVOIR		RIGHT (AF)	STORED (AF)	17
18													18
19	1 MACKAY	36740.0	37370.0	317.6	388.9	38328.5	521.9	1	MACKAY		556.5	203.1	19
20								2	MACKAY		294.0	107.9	20
21								3	MACKAY		556.5	203.1	21
22								4	MACKAY		1113.0	406.2	22
23								5	MACKAY		140.0	50.7	23
24								6	MACKAY		20646.0	20646.0	24
25								7	MACKAY		17205.0	16711.5	25
26								8	MACKAY		6000.0	0.0	26
27													27
28													28
29													29
30													30
31													31
32													32
33													33
34	YEAR-TO-DATE AF	6100.0	268.3	216.3	0.0	6928.6	0.0						34
35													35
36													36
37													37
38													38
39	DIVERSION	CFS DIVN	CFS STOR	AF USED	DIVERSION	CFS DIVN	CFS STOR	AF USED	DIVERSION	CFS DIVN	CFS STOR	AF USED	39
40													40
41	1 Sorensen	0.0	0.0	0.0	30 Zollinger/No Tel	4.1	0.0	0.0	59 6X Ranch Pump	0.0	0.0	0.8	41
42	2 HOWELL	1.6	0.0	0.0	31 Churn Dasher Ran	0.8	0.0	0.0	60 6X Ranch Navarre	1.0	0.0	0.0	42
43	3 KENT	3.8	0.0	0.0	32 No Tellum 1	2.0	0.0	0.0	61 Gates/Woods 3	0.0	0.0	0.0	43
44	4 BRADSHAW	0.0	0.0	0.0	33 No Tellum 2	0.0	0.0	0.0	62 6X Ranch 3	0.8	0.0	0.0	44
45	5 BITTON	4.5	0.0	0.0	34 No Tellum 3	0.0	0.0	0.0	63 6X Ranch 4	0.0	0.0	0.0	45
46	6 Anderson	3.4	0.1	101.2	35 Gates/Woods 1	0.0	0.0	0.0	64 MACKAY DAM	0.0	0.0	0.0	46
47	7 Thalman Hunter D	1.8	0.0	0.0	36 Gates/Woods 2	0.0	0.0	0.0	65 SHARP	16.8	3.2	21.4	47
48	8 Johnson/Hatmaker	0.0	0.0	0.0	37 No Tellum 4	0.0	0.0	0.0					48
49	9 NEILSEN	34.0	0.0	40.1	38 No Tellum 5	0.0	0.0	0.0	67 SWAUGER	26.0	0.0	0.0	49
50	10 Bradshaw 2	0.0	0.0	0.0	39 Gates/Woods/6X R	0.0	0.0	0.0	68 MARINAC	0.0	0.0	0.0	50
51	11 CHILLY	66.0	0.0	4.2	40 Smith Pumps*	6.2	0.6	45.3	69 DARLINGTON	32.0	0.0	0.0	51
52	12 INGRAM	0.0	0.0	0.0	41 Freeman/Kent*	0.0	0.0	0.0	70 BURNETT	76.0	0.0	0.0	52
53	13 Cherian	0.2	0.0	1.2	42 Broken River Pum	3.0	0.0	0.0	71 SUTTER	0.0	0.0	0.0	53
54	14 LONGHURST	19.0	0.0	0.0	43 Broken River Dit	1.2	0.0	0.6	72 ANGELO	0.0	0.0	0.0	54
55	15 Mtn. Springs 3	2.8	0.0	0.0	44 Freeman 2*	0.0	0.0	0.0	73 BECK	14.8	0.0	0.0	55
56	16 Donahue 1	1.4	0.5	30.9	45 Freeman 3*	0.0	0.0	0.0	74 PEHRSON	3.0	0.0	0.0	56
57	17 Zollinger 1	3.4	0.0	0.0	46 Freeman/Hill Pum	0.0	0.0	0.0	75 LOW BURNETT	0.0	0.0	0.0	57
58	18 Zollinger 3	2.0	1.7	20.2	47 6X Ranch 5	4.5	0.0	0.0	76 3IN1	22.8	0.0	0.0	58
59	19 Pence Diversion	0.0	0.0	0.0	48 Johnson/Navarro	2.5	0.0	1.6	77 B&J	7.5	0.0	0.0	59
60	20 Unger	0.0	0.0	0.0	49 6X Ranch 6	0.0	0.0	0.0	78 MOORE	173.0	0.4	0.8	60

1													1
2	REACH LOSS DATA - JUN 1, 2009												2
3													3
4													4
5	REACH		ACTUAL DATE		TOTAL GAIN		STORAGE GAIN						5
6													6
7	8 BIG LOST AT HOWELL		MAY 29		1662.		0.						7
8	7 BIG LOST ABV MACKAY RES		MAY 30		-363.		0.						8
9	1 BIG LOST BLW MACKAY RES		MAY 30		-10.		0.						9
10	2 BIG LOST AT LESLIE		MAY 30		-180.		15.						10
11	3 BIG LOST BLW MOORE DIV		MAY 31		-50.		5.						11
12	5 BIG LOST BLW MUNSEY DIV		JUN 1		8.		0.						12
13	6 BIG LOST NR ARCO		JUN 1		-1.		1.						13
14													14
15													15
16													16
17													17
18	EXCHANGE PUMP DATA - JUN 1, 2009												18
19													19
20	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	20
21													21
22	1 Neilsen injectio	9.	410.6	6 POTTER EXCHANGE	0.	0.0	11 ISOM 2 EXCHANGE	10.	200.0				22
23	2 JM SMITH EXCHANG	0.	0.0	7 JENSEN EXCHANGE	0.	0.0	12 QUIST EXCHANGE P	0.	0.0				23
24	3 L SMITH EXCHANGE	0.	0.0	8 ISOM 1 EXCHANGE	10.	200.0	13 SCHUREMAN EXCHAN	0.	0.0				24
25	4 PEHRSON EXCHANGE	0.	0.0	9 PARKINSON EXCHAN	0.	0.0	14 RASMUSSEN EXCHAN	0.	0.0				25
26	5 FOLKMAN EXCHANGE	6.	83.1	10 MCDONALD EXCHANG	0.	0.0							26
27													27
28													28
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60													60
61													61

1	WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (V2.0FC) JUN 2, 2009 20091110													1	
2	REACH FLOWS IN CFS			ACTUAL	NATURAL	ACTUAL RMAINING	EXCHANGE	STORED	RESRVOIR	NATURAL	TOTAL	REACH		2	
3				DATE	FLOW	FLOW NAT FLOW	FLOW	FLOW	EVAP	FLOW DIV	RCH DIV	GAIN LAST RIGHT		3	
4														4	
5	8	BIG LOST AT HOWELL		MAY 30	1781.6	1780.0	1780.0	0.0	0.0	0.0	1.6	1.6	1781.6	19590902	5
6	7	BIG LOST ABV MACKAY RES *		MAY 31	1355.9	1172.2	1164.2	9.1	8.0	0.0	190.1	191.2	-425.7	19590902	6
7	1	BIG LOST BLW MACKAY RES		MAY 31	1346.6	755.0	698.7	0.0	56.3	8.0	456.2	16.8	-9.3	19590902	7
8	2	BIG LOST AT LESLIE		MAY 31	1180.1	457.0	398.2	0.0	58.8	0.0	134.0	134.0	-166.4	19590902	8
9	3	BIG LOST BLW MOORE DIV		JUN 1	1139.0	178.1	96.1	0.0	82.0	0.0	261.0	261.0	-41.1	19590902	9
10	5	BIG LOST BLW MUNSEY DIV		JUN 2	1124.5	5.0	1.6	0.0	3.4	0.0	80.0	98.1	-14.5	19590902	10
11	6	BIG LOST NR ARCO		JUN 2	1122.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.6	19590902	11
12														12	
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED								TOTALS		1123.	703.	1123.		13
14														14	
15														15	
16														16	
17	RESERVOIR		PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR		RIGHT	STORED		17
18			(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)				(AF)	(AF)		18
19														19	
20	1	MACKAY	37370.0	38130.0	383.2	442.6	39206.4	537.8	1	MACKAY		556.5	209.4		20
21									2	MACKAY		294.0	111.2		21
22									3	MACKAY		556.5	209.4		22
23									4	MACKAY		1113.0	418.9		23
24									5	MACKAY		140.0	52.3		24
25									6	MACKAY		20646.0	20646.0		25
26									7	MACKAY		17205.0	17205.0		26
27									8	MACKAY		6000.0	354.1		27
28														28	
29	TOTAL											46511.0	39206.4		29
30														30	
31			CHANGE IN	AF USED	STORAGE	ARCO	TOTAL	UNACCT						31	
32			CONTENT	ABOVE	USED	STORED	STORED	STORED						32	
33														33	
34	YEAR-TO-DATE AF		6860.0	277.0	252.2	0.0	7806.5	0.0						34	
35														35	
36														36	
37														37	
38			CFS	CFS	AF		CFS	CFS	AF			CFS	CFS	AF	38
39	DIVERSION		DIVN	STOR	USED	DIVERSION	DIVN	STOR	USED	DIVERSION		DIVN	STOR	USED	39
40														40	
41	1	Sorensen	0.0	0.0	0.0	30 Zollinger/No Tel	4.1	0.0	0.0	59	6X Ranch Pump	0.0	0.0	0.8	41
42	2	HOWELL	1.6	0.0	0.0	31 Churn Dasher Ran	0.8	0.0	0.0	60	6X Ranch Navarre	1.0	0.0	0.0	42
43	3	KENT	3.8	0.0	0.0	32 No Tellum 1	2.0	0.0	0.0	61	Gates/Woods 3	0.0	0.0	0.0	43
44	4	BRADSHAW	0.0	0.0	0.0	33 No Tellum 2	0.0	0.0	0.0	62	6X Ranch 3	0.8	0.0	0.0	44
45	5	BITTON	4.5	0.0	0.0	34 No Tellum 3	0.0	0.0	0.0	63	6X Ranch 4	0.0	0.0	0.0	45
46	6	Anderson	3.4	0.0	101.2	35 Gates/Woods 1	0.0	0.0	0.0	64	MACKAY DAM	0.0	0.0	0.0	46
47	7	Thalman Hunter D	1.8	0.0	0.0	36 Gates/Woods 2	0.0	0.0	0.0	65	SHARP	16.8	3.2	27.8	47
48	8	Johnson/Hatmaker	0.0	0.0	0.0	37 No Tellum 4	0.0	0.0	0.0						48
49	9	NEILSEN	34.0	0.0	40.1	38 No Tellum 5	0.0	0.0	0.0	67	SWAUGER	26.0	0.0	0.0	49
50	10	Bradshaw 2	0.0	0.0	0.0	39 Gates/Woods/6X R	0.0	0.0	0.0	68	MARINAC	0.0	0.0	0.0	50
51	11	CHILLY	66.0	0.0	4.2	40 Smith Pumps*	6.2	0.6	46.5	69	DARLINGTON	32.0	0.0	0.0	51
52	12	INGRAM	0.0	0.0	0.0	41 Freeman/Kent*	0.0	0.0	0.0	70	BURNETT	76.0	0.0	0.0	52
53	13	Cherian	0.2	0.0	1.3	42 Broken River Pum	3.0	0.0	0.0	71	SUTTER	0.0	0.0	0.0	53
54	14	LONGHURST	19.0	0.0	0.0	43 Broken River Dit	1.2	0.0	0.6	72	ANGELO	0.0	0.0	0.0	54
55	15	Mtn. Springs 3	2.8	0.0	0.0	44 Freeman 2*	0.0	0.0	0.0	73	BECK	14.8	0.0	0.0	55
56	16	Donahue 1	1.4	0.5	32.0	45 Freeman 3*	0.0	0.0	0.0	74	PEHRSON	3.0	0.0	0.0	56
57	17	Zollinger 1	3.4	0.0	0.0	46 Freeman/Hill Pum	0.0	0.0	0.0	75	LOW BURNETT	0.0	0.0	0.0	57
58	18	Zollinger 3	2.0	0.0	20.2	47 6X Ranch 5	4.5	0.0	0.0	76	3IN1	22.8	0.0	0.0	58
59	19	Pence Diversion	0.0	0.0	0.0	48 Johnson/Navarro	2.5	0.0	1.6	77	B&J	7.5	0.0	0.0	59
60	20	Unger	0.0	0.0	0.0	49 6X Ranch 6	0.0	0.0	0.0	78	MOORE	169.0	0.0	0.8	60

21	6X Ranch 1	6.0	0.0	0.0	50	Stoecklein 3*	0.0	0.0	0.0	79	EASTSIDE	43.9	0.0	0.0		
22	Mtn. Springs 1	2.8	0.0	0.0	51	Upper Fish Hatch	4.7	0.0	0.8	80	ARCO	42.7	0.0	0.0		
23	Mtn. Springs 4	0.0	0.0	0.0	52	Freeman Ditch	0.0	0.0	0.0	81	MUNSEY	55.4	18.1	251.3		
1	24 Mtn. Springs 2	1.1	0.0	0.0	53	Stoecklein 1	1.0	0.0	0.0	82	MILLER	0.0	0.0	0.0		1
2	25 Donahue 2	1.2	0.0	0.0	54	Stoecklein 2	0.0	0.0	0.0	83	MCLAUGHLIN	0.0	0.0	0.0		2
3	26 Simmons	1.2	0.0	0.0	55	Stoecklein 4	0.0	0.0	0.0	84	FOLKMAN PUMP	0.0	0.0	0.0		3
4	27 Donahue 4	0.0	0.0	0.0	56	Shoupe Ditch*	2.0	0.0	0.0	85	HUGGINS PUMP	0.0	0.0	0.0		4
5	28 Donahue 3	1.0	0.0	0.0	57	Gates Pump 1	0.0	0.0	0.0	86	QUIST PUMP #1	0.0	0.0	0.0		5
6	29 Zollinger 2	1.8	0.0	0.0	58	Gates Pump 2	0.0	0.0	0.0							6
7																7
8	(1) BITTON USE COMBINED WITH KENT DITCH															8
9																9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1															10
11																11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON															12
13																13
14	(4) SIMMONS USE COMBINED WITH NEILSEN															14
15																15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY															16
17																17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3															18
19																19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2															20
21																21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3															22
23																23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE															24
25																25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1															26
27																27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH															28
29																29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT															30
31																31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH															32
33																33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5															34
35																35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2															36
37																37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP															38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION															39
40																40
41																41
42																42
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59																59
60																60
61																61

1	REACH LOSS DATA - JUN 2, 2009												1
2													2
3													3
4	REACH		ACTUAL DATE	TOTAL GAIN	STORAGE GAIN								4
5													5
6													6
7	8 BIG LOST AT HOWELL		MAY 30	1782.	0.								7
8	7 BIG LOST ABV MACKAY RES		MAY 31	-426.	0.								8
9	1 BIG LOST BLW MACKAY RES		MAY 31	-9.	0.								9
10	2 BIG LOST AT LESLIE		MAY 31	-182.	14.								10
11	3 BIG LOST BLW MOORE DIV		JUN 1	-46.	6.								11
12	5 BIG LOST BLW MUNSEY DIV		JUN 2	-15.	7.								12
13	6 BIG LOST NR ARCO		JUN 2	-2.	2.								13
14													14
15													15
16													16
17													17
18	EXCHANGE PUMP DATA - JUN 2, 2009												18
19													19
20	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	20
21													21
22	1 Neilsen injectio	9.	428.7	6	POTTER EXCHANGE	0.	0.0	11 ISOM 2 EXCHANGE	0.	200.0			22
23	2 JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12 QUIST EXCHANGE P	0.	0.0			23
24	3 L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13 SCHUREMAN EXCHAN	0.	0.0			24
25	4 PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14 RASMUSSEN EXCHAN	0.	0.0			25
26	5 FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0						26
27													27
28													28
29													29
30													30
31													31
32													32
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59													59
60													60
61													61

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) JUN 3, 2009

20091110

1	WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (V2.0FC) JUN 3, 2009													20091110				
2	REACH FLOWS IN CFS			ACTUAL	NATURAL	ACTUAL RMAINING	EXCHANGE	STORED	RESRVOIR	NATURAL	TOTAL	REACH						
3				DATE	FLOW	FLOW NAT FLOW	FLOW	FLOW	EVAP	FLOW DIV	RCH DIV	GAIN LAST RIGHT						
4																		
5	8	BIG LOST AT HOWELL		MAY 31	1691.6	1690.0	1690.0	0.0	0.0	0.0	1.6	1.6	1691.6	19590902				
6	7	BIG LOST ABV MACKAY RES *		JUN 1	1391.5	1165.6	1154.0	17.5	11.6	0.0	235.8	241.7	-300.1	19590902				
7	1	BIG LOST BLW MACKAY RES		JUN 1	1382.2	734.0	711.1	0.0	22.9	7.3	433.7	16.8	-9.2	19590902				
8	2	BIG LOST AT LESLIE		JUN 1	1220.8	446.0	415.7	0.0	30.3	0.0	134.0	134.0	-161.5	19590902				
9	3	BIG LOST BLW MOORE DIV		JUN 2	1184.8	171.3	113.4	0.0	57.9	0.0	266.4	266.4	-36.0	19590902				
10	5	BIG LOST BLW MUNSEY DIV		JUN 3	1153.5	5.0	2.0	0.0	3.0	0.0	80.0	91.3	-31.3	19590902				
11	6	BIG LOST NR ARCO		JUN 3	1151.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2.0	19590902				
12																		
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED								TOTALS		1151.	752.	1151.					
14																		
15																		
16																		
17	RESERVOIR		PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR		RIGHT		STORED				
18			(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)				(AF)		(AF)				
19																		
20	1 MACKAY		38130.0	38920.0	398.3	420.1	40039.6	552.4	1	MACKAY		556.5	215.8					
21									2	MACKAY		294.0	114.6					
22									3	MACKAY		556.5	215.8					
23									4	MACKAY		1113.0	431.6					
24									5	MACKAY		140.0	53.9					
25									6	MACKAY		20646.0	20646.0					
26									7	MACKAY		17205.0	17205.0					
27									8	MACKAY		6000.0	1156.9					
28																		
29	TOTAL											46511.0	40039.6					
30																		
31			CHANGE IN	AF USED	STORAGE	ARCO	TOTAL	UNACCT										
32			CONTENT	ABOVE	USED	STORED	STORED	STORED										
33																		
34	YEAR-TO-DATE AF		7650.0	295.0	274.5	0.0	8639.7	0.0										
35																		
36																		
37																		
38			CFS	CFS	AF				CFS	CFS	AF							
39	DIVERSION		DIVN	STOR	USED	DIVERSION			DIVN	STOR	USED	DIVERSION						
40												CFS	CFS	AF				
40																		
41	1	Sorensen	0.0	0.0	0.0	30	Zollinger/No Tel			4.8	0.0	0.0	59	6X Ranch Pump		0.0	0.0	0.8
42	2	HOWELL	1.6	0.0	0.0	31	Churn Dasher Ran			2.4	0.0	0.0	60	6X Ranch Navarre		2.0	0.0	0.0
43	3	KENT	5.0	0.0	0.0	32	No Tellum 1			2.1	0.0	0.0	61	Gates/Woods 3		0.0	0.0	0.0
44	4	BRADSHAW	0.0	0.0	0.0	33	No Tellum 2			2.0	0.0	0.0	62	6X Ranch 3		2.0	0.0	0.0
45	5	BITTON	5.0	0.0	0.0	34	No Tellum 3			2.0	0.0	0.0	63	6X Ranch 4		0.0	0.0	0.0
46	6	Anderson	6.5	0.0	101.2	35	Gates/Woods 1			0.0	0.0	0.0	64	MACKAY DAM		0.0	0.0	0.0
47	7	Thalman Hunter D	8.2	0.0	0.0	36	Gates/Woods 2			0.0	0.0	0.0	65	SHARP		16.8	3.2	34.1
48	8	Johnson/Hatmaker	0.0	0.0	0.0	37	No Tellum 4			0.0	0.0	0.0						
49	9	NEILSEN	49.2	0.0	40.1	38	No Tellum 5			0.0	0.0	0.0	67	SWAUGER		26.0	0.0	0.0
50	10	Bradshaw 2	0.0	0.0	0.0	39	Gates/Woods/6X R			0.0	0.0	0.0	68	MARINAC		0.0	0.0	0.0
51	11	CHILLY	58.3	0.0	4.2	40	Smith Pumps*			9.2	3.6	53.6	69	DARLINGTON		32.0	0.0	0.0
52	12	INGRAM	0.0	0.0	0.0	41	Freeman/Kent*			0.0	0.0	0.0	70	BURNETT		76.0	0.0	0.0
53	13	Cherian	0.0	0.0	1.3	42	Broken River Pum			1.0	0.0	0.0	71	SUTTER		0.0	0.0	0.0
54	14	LONGHURST	26.0	0.0	0.0	43	Broken River Dit			1.5	0.0	0.6	72	ANGELO		0.0	0.0	0.0
55	15	Mtn. Springs 3	2.5	0.0	0.0	44	Freeman 2*			0.0	0.0	0.0	73	BECK		15.6	0.0	0.0
56	16	Donahue 1	3.0	2.1	36.2	45	Freeman 3*			0.0	0.0	0.0	74	PEHRSON		3.0	0.0	0.0
57	17	Zollinger 1	2.2	0.0	0.0	46	Freeman/Hill Pum			0.0	0.0	0.0	75	LOW BURNETT		0.0	0.0	0.0
58	18	Zollinger 3	1.0	0.0	20.2	47	6X Ranch 5			2.7	0.0	0.0	76	3IN1		20.2	0.0	0.0
59	19	Pence Diversion	4.2	0.0	0.0	48	Johnson/Navarro			3.4	0.2	2.0	77	B&J		9.9	0.0	0.0
60	20	Unger	0.0	0.0	0.0	49	6X Ranch 6			0.0	0.0	0.0	78	MOORE		156.0	0.0	0.8

21	6X Ranch 1	8.0	0.0	0.0	50	Stoecklein 3*	0.0	0.0	0.0	79	EASTSIDE	61.7	0.0	0.0		
22	Mtn. Springs 1	5.4	0.0	0.0	51	Upper Fish Hatch	5.6	0.0	0.8	80	ARCO	42.7	0.0	0.0		
23	Mtn. Springs 4	0.0	0.0	0.0	52	Freeman Ditch	0.0	0.0	0.0	81	MUNSEY	48.6	11.3	273.7		
1	24 Mtn. Springs 2	2.8	0.0	0.0	53	Stoecklein 1	1.0	0.0	0.0	82	MILLER	0.0	0.0	0.0		1
2	25 Donahue 2	2.2	0.0	0.0	54	Stoecklein 2	0.0	0.0	0.0	83	MCLAUGHLIN	0.0	0.0	0.0		2
3	26 Simmons	1.4	0.0	0.0	55	Stoecklein 4	0.0	0.0	0.0	84	FOLKMAN PUMP	0.0	0.0	0.0		3
4	27 Donahue 4	0.0	0.0	0.0	56	Shoupe Ditch*	3.2	0.0	0.0	85	HUGGINS PUMP	0.0	0.0	0.0		4
5	28 Donahue 3	1.0	0.0	0.0	57	Gates Pump 1	0.0	0.0	0.0	86	QUIST PUMP #1	0.0	0.0	0.0		5
6	29 Zollinger 2	5.0	0.0	0.0	58	Gates Pump 2	0.0	0.0	0.0							6
7																7
8	(1) BITTON USE COMBINED WITH KENT DITCH															8
9																9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1															10
11																11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON															12
13																13
14	(4) SIMMONS USE COMBINED WITH NEILSEN															14
15																15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY															16
17																17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3															18
19																19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2															20
21																21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3															22
23																23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE															24
25																25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1															26
27																27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH															28
29																29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT															30
31																31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH															32
33																33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5															34
35																35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2															36
37																37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP															38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION															39
40																40
41																41
42																42
43																43
44																44
45																45
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60																60
61																61

1	REACH LOSS DATA - JUN 3, 2009												1
2													2
3													3
4													4
5	REACH		ACTUAL	TOTAL	STORAGE								5
6			DATE	GAIN	GAIN								6
7	8	BIG LOST AT HOWELL	MAY 31	1692.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUN 1	-300.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUN 1	-9.	0.								9
10	2	BIG LOST AT LESLIE	JUN 1	-175.	5.								10
11	3	BIG LOST BLW MOORE DIV	JUN 2	-42.	3.								11
12	5	BIG LOST BLW MUNSEY DIV	JUN 3	-38.	13.								12
13	6	BIG LOST NR ARCO	JUN 3	-4.	2.								13
14													14
15													15
16													16
17													17
18	EXCHANGE PUMP DATA - JUN 3, 2009												18
19													19
20	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	20
21													21
22	1	Neilsen injectio	18.	463.4	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	22
23	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	23
24	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	24
25	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	25
26	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					26
27													27
28													28
29													29
30													30
31													31
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59													59
60													60
61													61

1													1
2	REACH FLOWS IN CFS												2
3	ACTUAL DATE NATURAL FLOW ACTUAL RMAINING FLOW NAT FLOW EXCHANGE FLOW STORED FLOW RESRVOIR NATURAL EVAP FLOW DIV TOTAL RCH DIV REACH GAIN LAST RIGHT												3
4													4
5	8 BIG LOST AT HOWELL	JUN 1	1723.2	1720.0	1720.0	0.0	0.0	0.0	3.2	3.2	1723.2	19590902	5
6	7 BIG LOST ABV MACKAY RES *	JUN 2	1482.7	1255.2	1243.7	17.5	11.6	0.0	235.8	241.7	-240.5	19590902	6
7	1 BIG LOST BLW MACKAY RES	JUN 2	1473.5	720.0	707.2	0.0	12.8	5.1	527.2	16.8	-9.2	19590902	7
8	2 BIG LOST AT LESLIE	JUN 2	1315.2	436.0	419.9	0.0	16.1	0.0	129.0	129.0	-158.3	19590902	8
9	3 BIG LOST BLW MOORE DIV	JUN 3	1297.3	189.0	130.9	0.0	58.1	0.0	271.1	271.1	-17.9	19590902	9
10	5 BIG LOST BLW MUNSEY DIV	JUN 4	1246.6	5.0	2.8	0.0	2.2	0.0	77.4	82.3	-50.7	19590902	10
11	6 BIG LOST NR ARCO	JUN 4	1243.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2.8	19590902	11
12													12
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED												13
14													14
15													15
16													16
17	RESERVOIR	PREV CONT (AF)	CURR CONT (AF)	CHNG CONT (CFS)	ACC STOR (CFS)	TOTL STOR (AF)	TOTL EVP (AF)	PRIORITY	RESERVOIR		RIGHT (AF)	STORED (AF)	17
18													18
19	1 MACKAY	38920.0	39920.0	504.2	513.6	41058.4	562.4	1	MACKAY		556.5	222.1	19
20								2	MACKAY		294.0	118.0	20
21								3	MACKAY		556.5	222.1	21
22								4	MACKAY		1113.0	444.3	22
23								5	MACKAY		140.0	55.5	23
24								6	MACKAY		20646.0	20646.0	24
25								7	MACKAY		17205.0	17205.0	25
26								8	MACKAY		6000.0	2145.4	26
27													27
28													28
29													29
30													30
31													31
32													32
33													33
34	YEAR-TO-DATE AF	8650.0	313.1	284.1	0.0	9658.5	0.0						34
35													35
36													36
37													37
38													38
39	DIVERSION	CFS DIVN	CFS STOR	AF USED	DIVERSION	CFS DIVN	CFS STOR	AF USED	DIVERSION	CFS DIVN	CFS STOR	AF USED	39
40													40
41	1 Sorensen	0.0	0.0	0.0	30 Zollinger/No Tel	4.8	0.0	0.0	59 6X Ranch Pump	0.0	0.0	0.8	41
42	2 HOWELL	3.2	0.0	0.0	31 Churn Dasher Ran	2.4	0.0	0.0	60 6X Ranch Navarre	2.0	0.0	0.0	42
43	3 KENT	5.0	0.0	0.0	32 No Tellum 1	2.1	0.0	0.0	61 Gates/Woods 3	0.0	0.0	0.0	43
44	4 BRADSHAW	0.0	0.0	0.0	33 No Tellum 2	2.0	0.0	0.0	62 6X Ranch 3	2.0	0.0	0.0	44
45	5 BITTON	5.0	0.0	0.0	34 No Tellum 3	2.0	0.0	0.0	63 6X Ranch 4	0.0	0.0	0.0	45
46	6 Anderson	6.5	0.0	101.2	35 Gates/Woods 1	0.0	0.0	0.0	64 MACKAY DAM	0.0	0.0	0.0	46
47	7 Thalman Hunter D	8.2	0.0	0.0	36 Gates/Woods 2	0.0	0.0	0.0	65 SHARP	16.8	3.2	40.5	47
48	8 Johnson/Hatmaker	0.0	0.0	0.0	37 No Tellum 4	0.0	0.0	0.0					48
49	9 NEILSEN	49.2	0.0	40.1	38 No Tellum 5	0.0	0.0	0.0	67 SWAUGER	26.0	0.0	0.0	49
50	10 Bradshaw 2	0.0	0.0	0.0	39 Gates/Woods/6X R	0.0	0.0	0.0	68 MARINAC	0.0	0.0	0.0	50
51	11 CHILLY	58.3	0.0	4.2	40 Smith Pumps*	9.2	3.6	60.7	69 DARLINGTON	27.0	0.0	0.0	51
52	12 INGRAM	0.0	0.0	0.0	41 Freeman/Kent*	0.0	0.0	0.0	70 BURNETT	76.0	0.0	0.0	52
53	13 Cherian	0.0	0.0	1.3	42 Broken River Pum	1.0	0.0	0.0	71 SUTTER	0.0	0.0	0.0	53
54	14 LONGHURST	26.0	0.0	0.0	43 Broken River Dit	1.5	0.0	0.6	72 ANGELO	0.0	0.0	0.0	54
55	15 Mtn. Springs 3	2.5	0.0	0.0	44 Freeman 2*	0.0	0.0	0.0	73 BECK	14.0	0.0	0.0	55
56	16 Donahue 1	3.0	2.1	40.4	45 Freeman 3*	0.0	0.0	0.0	74 PEHRSON	3.0	0.0	0.0	56
57	17 Zollinger 1	2.2	0.0	0.0	46 Freeman/Hill Pum	0.0	0.0	0.0	75 LOW BURNETT	0.0	0.0	0.0	57
58	18 Zollinger 3	1.0	0.0	20.2	47 6X Ranch 5	2.7	0.0	0.0	76 3IN1	24.3	0.0	0.0	58
59	19 Pence Diversion	4.2	0.0	0.0	48 Johnson/Navarro	3.4	0.2	2.4	77 B&J	12.8	0.0	0.0	59
60	20 Unger	0.0	0.0	0.0	49 6X Ranch 6	0.0	0.0	0.0	78 MOORE	156.0	0.0	0.8	60

1	REACH LOSS DATA - JUN 4, 2009												1
2													2
3													3
4													4
5	REACH		ACTUAL DATE		TOTAL GAIN		STORAGE GAIN						5
6													6
7	8 BIG LOST AT HOWELL		JUN 1		1723.		0.						7
8	7 BIG LOST ABV MACKAY RES		JUN 2		-241.		0.						8
9	1 BIG LOST BLW MACKAY RES		JUN 2		-9.		0.						9
10	2 BIG LOST AT LESLIE		JUN 2		-164.		3.						10
11	3 BIG LOST BLW MOORE DIV		JUN 3		-21.		1.						11
12	5 BIG LOST BLW MUNSEY DIV		JUN 4		-64.		20.						12
13	6 BIG LOST NR ARCO		JUN 4		-5.		2.						13
14													14
15													15
16													16
17													17
18	EXCHANGE PUMP DATA - JUN 4, 2009												18
19													19
20	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	20
21													21
22	1 Neilsen injectio	18.		498.1	6 POTTER EXCHANGE	0.		0.0	11 ISOM 2 EXCHANGE	0.		200.0	22
23	2 JM SMITH EXCHANG	0.		0.0	7 JENSEN EXCHANGE	0.		0.0	12 QUIST EXCHANGE P	0.		0.0	23
24	3 L SMITH EXCHANGE	0.		0.0	8 ISOM 1 EXCHANGE	0.		200.0	13 SCHUREMAN EXCHAN	0.		0.0	24
25	4 PEHRSON EXCHANGE	0.		0.0	9 PARKINSON EXCHAN	0.		0.0	14 RASMUSSEN EXCHAN	0.		0.0	25
26	5 FOLKMAN EXCHANGE	0.		83.1	10 MCDONALD EXCHANG	0.		0.0					26
27													27
28													28
29													29
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60													60
61													61

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) JUN 5, 2009

20091110

1	WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (V2.0FC) JUN 5, 2009													20091110				
2	REACH FLOWS IN CFS			ACTUAL	NATURAL	ACTUAL RMAINING	EXCHANGE	STORED	RESRVOIR	NATURAL	TOTAL	REACH						
3				DATE	FLOW	FLOW NAT FLOW	FLOW	FLOW	EVAP	FLOW DIV	RCH DIV	GAIN LAST RIGHT						
4																		
5	8	BIG LOST AT HOWELL		JUN 2	2043.2	2040.0	2040.0	0.0	0.0	0.0	3.2	3.2	2043.2	19590902				
6	7	BIG LOST ABV MACKAY RES *		JUN 3	1571.7	1344.3	1332.7	17.5	11.6	0.0	235.8	241.7	-471.5	19590902				
7	1	BIG LOST BLW MACKAY RES		JUN 3	1563.0	686.0	635.6	0.0	50.4	9.1	688.4	16.8	-8.7	19590902				
8	2	BIG LOST AT LESLIE		JUN 3	1409.9	413.0	360.5	0.0	52.5	0.0	122.0	122.0	-153.1	19590902				
9	3	BIG LOST BLW MOORE DIV		JUN 4	1424.5	270.0	175.0	0.0	95.0	0.0	200.1	200.1	14.5	19590902				
10	5	BIG LOST BLW MUNSEY DIV		JUN 5	1336.6	5.0	2.8	0.0	2.2	0.0	84.3	87.2	-87.8	19590902				
11	6	BIG LOST NR ARCO		JUN 5	1333.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2.8	19590902				
12																		
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED								TOTALS		1334.	671.	1334.					
14																		
15																		
16																		
17	RESERVOIR		PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR		RIGHT		STORED				
18			(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)				(AF)		(AF)				
19	1 MACKAY		39920.0	41160.0	625.2	674.8	42396.8	580.6	1	MACKAY		556.5		228.5				
20									2	MACKAY		294.0		121.4				
21									3	MACKAY		556.5		228.5				
22									4	MACKAY		1113.0		457.0				
23									5	MACKAY		140.0		57.1				
24									6	MACKAY		20646.0		20646.0				
25									7	MACKAY		17205.0		17205.0				
26									8	MACKAY		6000.0		3453.5				
27																		
28									TOTAL		46511.0		42396.8					
29																		
30																		
31			CHANGE IN	AF USED	STORAGE	ARCO	TOTAL	UNACCT										
32			CONTENT	ABOVE	USED	STORED	STORED	STORED										
33																		
34	YEAR-TO-DATE AF		9890.0	331.2	289.8	0.0	10996.9	0.0										
35																		
36																		
37																		
38			CFS	CFS	AF				CFS	CFS	AF							
39	DIVERSION		DIVN	STOR	USED	DIVERSION			DIVN	STOR	USED	DIVERSION			DIVN	STOR	USED	
40																		
41	1	Sorensen	0.0	0.0	0.0	30	Zollinger/No Tel	4.8	0.0	0.0	59	6X Ranch Pump	0.0	0.0	0.8			
42	2	HOWELL	3.2	0.0	0.0	31	Churn Dasher Ran	2.4	0.0	0.0	60	6X Ranch Navarre	2.0	0.0	0.0			
43	3	KENT	5.0	0.0	0.0	32	No Tellum 1	2.1	0.0	0.0	61	Gates/Woods 3	0.0	0.0	0.0			
44	4	BRADSHAW	0.0	0.0	0.0	33	No Tellum 2	2.0	0.0	0.0	62	6X Ranch 3	2.0	0.0	0.0			
45	5	BITTON	5.0	0.0	0.0	34	No Tellum 3	2.0	0.0	0.0	63	6X Ranch 4	0.0	0.0	0.0			
46	6	Anderson	6.5	0.0	101.2	35	Gates/Woods 1	0.0	0.0	0.0	64	MACKAY DAM	0.0	0.0	0.0			
47	7	Thalman Hunter D	8.2	0.0	0.0	36	Gates/Woods 2	0.0	0.0	0.0	65	SHARP	16.8	3.2	46.8			
48	8	Johnson/Hatmaker	0.0	0.0	0.0	37	No Tellum 4	0.0	0.0	0.0								
49	9	NEILSEN	49.2	0.0	40.1	38	No Tellum 5	0.0	0.0	0.0	67	SWAUGER	24.0	0.0	0.0			
50	10	Bradshaw 2	0.0	0.0	0.0	39	Gates/Woods/6X R	0.0	0.0	0.0	68	MARINAC	0.0	0.0	0.0			
51	11	CHILLY	58.3	0.0	4.2	40	Smith Pumps*	9.2	3.6	67.9	69	DARLINGTON	27.0	0.0	0.0			
52	12	INGRAM	0.0	0.0	0.0	41	Freeman/Kent*	0.0	0.0	0.0	70	BURNETT	71.0	0.0	0.0			
53	13	Cherian	0.0	0.0	1.3	42	Broken River Pum	1.0	0.0	0.0	71	SUTTER	0.0	0.0	0.0			
54	14	LONGHURST	26.0	0.0	0.0	43	Broken River Dit	1.5	0.0	0.6	72	ANGELO	0.0	0.0	0.0			
55	15	Mtn. Springs 3	2.5	0.0	0.0	44	Freeman 2*	0.0	0.0	0.0	73	BECK	14.0	0.0	0.0			
56	16	Donahue 1	3.0	2.1	44.6	45	Freeman 3*	0.0	0.0	0.0	74	PEHRSON	3.0	0.0	0.0			
57	17	Zollinger 1	2.2	0.0	0.0	46	Freeman/Hill Pum	0.0	0.0	0.0	75	LOW BURNETT	0.0	0.0	0.0			
58	18	Zollinger 3	1.0	0.0	20.2	47	6X Ranch 5	2.7	0.0	0.0	76	3IN1	24.3	0.0	0.0			
59	19	Pence Diversion	4.2	0.0	0.0	48	Johnson/Navarro	3.4	0.2	2.8	77	B&J	12.8	0.0	0.0			
60	20	Unger	0.0	0.0	0.0	49	6X Ranch 6	0.0	0.0	0.0	78	MOORE	146.0	0.0	0.8			

21	6X Ranch 1	8.0	0.0	0.0	50	Stoecklein 3*	0.0	0.0	0.0	79	EASTSIDE	0.0	0.0	0.0		
22	Mtn. Springs 1	5.4	0.0	0.0	51	Upper Fish Hatch	5.6	0.0	0.8	80	ARCO	47.0	0.0	0.0		
23	Mtn. Springs 4	0.0	0.0	0.0	52	Freeman Ditch	0.0	0.0	0.0	81	MUNSEY	40.2	2.9	289.0		
1	24 Mtn. Springs 2	2.8	0.0	0.0	53	Stoecklein 1	1.0	0.0	0.0	82	MILLER	0.0	0.0	0.0		1
2	25 Donahue 2	2.2	0.0	0.0	54	Stoecklein 2	0.0	0.0	0.0	83	MCLAUGHLIN	0.0	0.0	0.0		2
3	26 Simmons	1.4	0.0	0.0	55	Stoecklein 4	0.0	0.0	0.0	84	FOLKMAN PUMP	0.0	0.0	0.0		3
4	27 Donahue 4	0.0	0.0	0.0	56	Shoupe Ditch*	3.2	0.0	0.0	85	HUGGINS PUMP	0.0	0.0	0.0		4
5	28 Donahue 3	1.0	0.0	0.0	57	Gates Pump 1	0.0	0.0	0.0	86	QUIST PUMP #1	0.0	0.0	0.0		5
6	29 Zollinger 2	5.0	0.0	0.0	58	Gates Pump 2	0.0	0.0	0.0							6
7																7
8	(1) BITTON USE COMBINED WITH KENT DITCH															8
9																9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1															10
11																11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON															12
13																13
14	(4) SIMMONS USE COMBINED WITH NEILSEN															14
15																15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY															16
17																17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3															18
19																19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2															20
21																21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3															22
23																23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE															24
25																25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1															26
27																27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH															28
29																29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT															30
31																31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH															32
33																33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5															34
35																35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2															36
37																37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP															38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION															39
40																40
41																41
42																42
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1	REACH LOSS DATA - JUN 5, 2009												1
2													2
3													3
4	REACH		ACTUAL DATE	TOTAL GAIN	STORAGE GAIN								4
5													5
6													6
7	8	BIG LOST AT HOWELL	JUN 2	2043.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUN 3	-471.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUN 3	-9.	0.								9
10	2	BIG LOST AT LESLIE	JUN 3	-156.	11.								10
11	3	BIG LOST BLW MOORE DIV	JUN 4	14.	0.								11
12	5	BIG LOST BLW MUNSEY DIV	JUN 5	-107.	38.								12
13	6	BIG LOST NR ARCO	JUN 5	-5.	2.								13
14													14
15													15
16													16
17													17
18	EXCHANGE PUMP DATA - JUN 5, 2009												18
19													19
20	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	20
21													21
22	1	Neilsen injectio	18.	532.8	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	22
23	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	23
24	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	24
25	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	25
26	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					26
27													27
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20091110

1	REACH LOSS DATA - JUN 6, 2009												1
2													2
3													3
4	REACH		ACTUAL DATE	TOTAL GAIN	STORAGE GAIN								4
5													5
6													6
7	8	BIG LOST AT HOWELL	JUN 3	1853.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUN 4	-193.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUN 4	-8.	0.								9
10	2	BIG LOST AT LESLIE	JUN 4	-157.	16.								10
11	3	BIG LOST BLW MOORE DIV	JUN 5	42.	0.								11
12	5	BIG LOST BLW MUNSEY DIV	JUN 6	-139.	49.								12
13	6	BIG LOST NR ARCO	JUN 6	-5.	2.								13
14													14
15													15
16													16
17													17
18	EXCHANGE PUMP DATA - JUN 6, 2009												18
19													19
20	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	20
21													21
22	1	Neilsen injectio	18.	567.5	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	22
23	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	23
24	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	24
25	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	25
26	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					26
27													27
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1															1		
2	REACH FLOWS IN CFS				ACTUAL	NATURAL	ACTUAL RMAINING		EXCHANGE	STORED	RESRVOIR	NATURAL	TOTAL	REACH	2		
3					DATE	FLOW	FLOW	NAT FLOW	FLOW	FLOW	EVAP	FLOW	DIV	RCH DIV	GAIN LAST RIGHT	3	
4															4		
5	8	BIG	LOST	AT HOWELL	JUN 4	1933.2	1930.0	1930.0	0.0	0.0	0.0	3.2	3.2	1933.2	19870806	5	
6	7	BIG	LOST	ABV MACKAY RES *	JUN 5	1649.6	1422.2	1408.8	17.5	13.4	0.0	237.6	241.7	-283.6	19870806	6	
7	1	BIG	LOST	BLW MACKAY RES	JUN 5	1639.7	803.0	861.5	0.0	-58.5	8.3	537.4	6.0	-9.9	19870806	7	
8	2	BIG	LOST	AT LESLIE	JUN 5	1480.7	467.0	595.5	0.0	-128.5	0.0	107.0	107.0	-159.1	19870806	8	
9	3	BIG	LOST	BLW MOORE DIV	JUN 6	1537.0	310.0	444.2	0.0	-134.2	0.0	207.6	207.6	56.3	19870806	9	
10	5	BIG	LOST	BLW MUNSEY DIV	JUN 7	1406.7	5.0	245.7	0.0	-240.7	0.0	68.2	68.2	-130.3	19870806	10	
11	6	BIG	LOST	NR ARCO	JUN 7	1403.9	0.0	242.9	0.0	-242.9	0.0	0.0	0.0	-2.8	19870806	11	
12															12		
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED										TOTALS	1161.	634.	1404.		13	
14															14		
15															15		
16															16		
17	RESERVOIR		PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR		RIGHT		STORED		17	
18			(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)				(AF)		(AF)		18	
19	1 MACKAY		42570.0	43740.0	589.9	531.4	45004.1	620.3	1	MACKAY		556.5		241.1		19	
20									2	MACKAY		294.0		128.1		20	
21									3	MACKAY		556.5		241.1		21	
22									4	MACKAY		1113.0		482.4		22	
23									5	MACKAY		140.0		60.3		23	
24									6	MACKAY		20646.0		20646.0		24	
25									7	MACKAY		17205.0		17205.0		25	
26									8	MACKAY		6000.0		6000.0		26	
27									TOTAL		46511.0		45004.1			27	
28															28		
29															29		
30															30		
31			CHANGE IN	AF USED	STORAGE	ARCO	TOTAL	UNACCT								31	
32			CONTENT	ABOVE	USED	STORED	STORED	STORED								32	
33															33		
34	YEAR-TO-DATE AF		12470.0	351.2	289.8	0.0	13604.2	481.8								34	
35															35		
36															36		
37															37		
38			CFS	CFS	AF				CFS	CFS	AF			CFS	CFS	AF	38
39	DIVERSION		DIVN	STOR	USED	DIVERSION			DIVN	STOR	USED	DIVERSION		DIVN	STOR	USED	39
40															40		
41	1	Sorensen	0.0	0.0	0.0	30	Zollinger/No Tel	4.8	0.0	0.0	59	6X Ranch Pump	0.0	0.0	0.8	41	
42	2	HOWELL	3.2	0.0	0.0	31	Churn Dasher Ran	2.4	0.0	0.0	60	6X Ranch Navarre	2.0	0.0	0.0	42	
43	3	KENT	5.0	0.0	0.0	32	No Tellum 1	2.1	0.0	0.0	61	Gates/Woods 3	0.0	0.0	0.0	43	
44	4	BRADSHAW	0.0	0.0	0.0	33	No Tellum 2	2.0	0.0	0.0	62	6X Ranch 3	2.0	0.0	0.0	44	
45	5	BITTON	5.0	0.0	0.0	34	No Tellum 3	2.0	0.0	0.0	63	6X Ranch 4	0.0	0.0	0.0	45	
46	6	Anderson	6.5	0.0	101.2	35	Gates/Woods 1	0.0	0.0	0.0	64	MACKAY DAM	0.0	0.0	0.0	46	
47	7	Thalman Hunter D	8.2	0.0	0.0	36	Gates/Woods 2	0.0	0.0	0.0	65	SHARP	6.0	0.0	46.8	47	
48	8	Johnson/Hatmaker	0.0	0.0	0.0	37	No Tellum 4	0.0	0.0	0.0						48	
49	9	NEILSEN	49.2	0.0	40.1	38	No Tellum 5	0.0	0.0	0.0	67	SWAUGER	21.0	0.0	0.0	49	
50	10	Bradshaw 2	0.0	0.0	0.0	39	Gates/Woods/6X R	0.0	0.0	0.0	68	MARINAC	0.0	0.0	0.0	50	
51	11	CHILLY	58.3	0.0	4.2	40	Smith Pumps*	9.2	1.8	78.6	69	DARLINGTON	16.0	0.0	0.0	51	
52	12	INGRAM	0.0	0.0	0.0	41	Freeman/Kent*	0.0	0.0	0.0	70	BURNETT	70.0	0.0	0.0	52	
53	13	Cherian	0.0	0.0	1.3	42	Broken River Pum	1.0	0.0	0.0	71	SUTTER	0.0	0.0	0.0	53	
54	14	LONGHURST	26.0	0.0	0.0	43	Broken River Dit	1.5	0.0	0.6	72	ANGELO	0.0	0.0	0.0	54	
55	15	Mtn. Springs 3	2.5	0.0	0.0	44	Freeman 2*	0.0	0.0	0.0	73	BECK	14.0	0.0	0.0	55	
56	16	Donahue 1	3.0	2.1	53.0	45	Freeman 3*	0.0	0.0	0.0	74	PEHRSON	3.4	0.0	0.0	56	
57	17	Zollinger 1	2.2	0.0	0.0	46	Freeman/Hill Pum	0.0	0.0	0.0	75	LOW BURNETT	0.0	0.0	0.0	57	
58	18	Zollinger 3	1.0	0.0	20.2	47	6X Ranch 5	2.7	0.0	0.0	76	3IN1	18.4	0.0	0.0	58	
59	19	Pence Diversion	4.2	0.0	0.0	48	Johnson/Navarro	3.4	0.2	3.6	77	B&J	12.8	0.0	0.0	59	
60	20	Unger	0.0	0.0	0.0	49	6X Ranch 6	0.0	0.0	0.0	78	MOORE	156.0	0.0	0.8	60	

21	6X Ranch 1	8.0	0.0	0.0	50	Stoecklein 3*	0.0	0.0	0.0	79	EASTSIDE	3.0	0.0	0.0		
22	Mtn. Springs 1	5.4	0.0	0.0	51	Upper Fish Hatch	5.6	0.0	0.8	80	ARCO	31.7	0.0	0.0		
23	Mtn. Springs 4	0.0	0.0	0.0	52	Freeman Ditch	0.0	0.0	0.0	81	MUNSEY	36.5	0.0	289.0		
1	24 Mtn. Springs 2	2.8	0.0	0.0	53	Stoecklein 1	1.0	0.0	0.0	82	MILLER	0.0	0.0	0.0		1
2	25 Donahue 2	2.2	0.0	0.0	54	Stoecklein 2	0.0	0.0	0.0	83	MCLAUGHLIN	0.0	0.0	0.0		2
3	26 Simmons	1.4	0.0	0.0	55	Stoecklein 4	0.0	0.0	0.0	84	FOLKMAN PUMP	0.0	0.0	0.0		3
4	27 Donahue 4	0.0	0.0	0.0	56	Shoupe Ditch*	3.2	0.0	0.0	85	HUGGINS PUMP	0.0	0.0	0.0		4
5	28 Donahue 3	1.0	0.0	0.0	57	Gates Pump 1	0.0	0.0	0.0	86	QUIST PUMP #1	0.0	0.0	0.0		5
6	29 Zollinger 2	5.0	0.0	0.0	58	Gates Pump 2	0.0	0.0	0.0							6
7																7
8	(1) BITTON USE COMBINED WITH KENT DITCH															8
9																9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1															10
11																11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON															12
13																13
14	(4) SIMMONS USE COMBINED WITH NEILSEN															14
15																15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY															16
17																17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3															18
19																19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2															20
21																21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3															22
23																23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE															24
25																25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1															26
27																27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH															28
29																29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT															30
31																31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH															32
33																33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5															34
35																35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2															36
37																37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP															38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION															39
40																40
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42																42
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1	REACH LOSS DATA - JUN 7, 2009												1
2													2
3													3
4	REACH		ACTUAL DATE	TOTAL GAIN	STORAGE GAIN								4
5													5
6													6
7	8	BIG LOST AT HOWELL	JUN 4	1933.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUN 5	-284.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUN 5	-10.	0.								9
10	2	BIG LOST AT LESLIE	JUN 5	-176.	0.								10
11	3	BIG LOST BLW MOORE DIV	JUN 6	56.	0.								11
12	5	BIG LOST BLW MUNSEY DIV	JUN 7	-179.	0.								12
13	6	BIG LOST NR ARCO	JUN 7	-5.	0.								13
14													14
15													15
16													16
17													17
18	EXCHANGE PUMP DATA - JUN 7, 2009												18
19													19
20	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	20
21													21
22	1	Neilsen injectio	18.	602.2	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	22
23	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	23
24	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	24
25	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	25
26	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					26
27													27
28													28
29													29
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60													60
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WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) JUN 8, 2009

20091110

1	WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (V2.0FC) JUN 8, 2009													20091110		
2	REACH FLOWS IN CFS			ACTUAL	NATURAL	ACTUAL RMAINING	EXCHANGE	STORED	RESRVOIR	NATURAL	TOTAL	REACH				
3				DATE	FLOW	FLOW NAT FLOW	FLOW	FLOW	EVAP	FLOW DIV	RCH DIV	GAIN LAST RIGHT				
4																
5	8	BIG LOST AT HOWELL		JUN 5	2013.2	2010.0	2010.0	0.0	0.0	0.0	3.2	3.2	2013.2	19870806		
6	7	BIG LOST ABV MACKAY RES *		JUN 6	1964.3	1736.6	1723.3	17.5	13.3	0.0	237.8	242.0	-48.9	19870806		
7	1	BIG LOST BLW MACKAY RES		JUN 6	1952.9	1090.0	1690.8	0.0	-600.8	5.5	21.1	5.8	-11.4	19870806		
8	2	BIG LOST AT LESLIE		JUN 6	1729.2	635.0	1360.0	0.0	-725.0	0.0	107.0	107.0	-223.8	19870806		
9	3	BIG LOST BLW MOORE DIV		JUN 7	1736.8	260.0	1163.4	0.0	-903.4	0.0	204.2	204.2	7.6	19870806		
10	5	BIG LOST BLW MUNSEY DIV		JUN 8	1535.7	4.0	894.6	0.0	-890.6	0.0	67.7	67.7	-201.1	19870806		
11	6	BIG LOST NR ARCO		JUN 8	1530.9	0.0	889.9	0.0	-889.9	0.0	0.0	0.0	-4.8	19870806		
12																
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED								TOTALS		641.	630.	1531.			
14																
15																
16																
17	RESERVOIR		PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR		RIGHT		STORED		
18			(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)				(AF)		(AF)		
19	1 MACKAY		43740.0	44970.0	620.1	15.3	45034.4	631.2	1	MACKAY		556.5	247.5			
20									2	MACKAY		294.0	131.5			
21									3	MACKAY		556.5	247.5			
22									4	MACKAY		1113.0	495.1			
23									5	MACKAY		140.0	61.8			
24									6	MACKAY		20646.0	20646.0			
25									7	MACKAY		17205.0	17205.0			
26									8	MACKAY		6000.0	6000.0			
27									TOTAL		46511.0	45034.4				
28																
29																
30																
31			CHANGE IN	AF USED	STORAGE	ARCO	TOTAL	UNACCT								
32			CONTENT	ABOVE	USED	STORED	STORED	STORED								
33																
34	YEAR-TO-DATE AF		13700.0	359.4	289.8	0.0	13634.5	2246.9								
35																
36																
37																
38			CFS	CFS	AF				CFS	CFS	AF					
39	DIVERSION		DIVN	STOR	USED	DIVERSION			DIVN	STOR	USED	DIVERSION				
40												CFS	CFS	AF		
41	1	Sorensen	0.0	0.0	0.0	30	Zollinger/No Tel	4.8	0.0	0.0	59	6X Ranch Pump	0.0	0.0	0.8	
42	2	HOWELL	3.2	0.0	0.0	31	Churn Dasher Ran	2.4	0.0	0.0	60	6X Ranch Navarre	2.0	0.0	0.0	
43	3	KENT	5.0	0.0	0.0	32	No Tellum 1	2.1	0.0	0.0	61	Gates/Woods 3	0.0	0.0	0.0	
44	4	BRADSHAW	0.0	0.0	0.0	33	No Tellum 2	2.0	0.0	0.0	62	6X Ranch 3	2.0	0.0	0.0	
45	5	BITTON	5.0	0.0	0.0	34	No Tellum 3	2.0	0.0	0.0	63	6X Ranch 4	0.0	0.0	0.0	
46	6	Anderson	6.5	0.0	101.2	35	Gates/Woods 1	0.0	0.0	0.0	64	MACKAY DAM	0.0	0.0	0.0	
47	7	Thalman Hunter D	8.2	0.0	0.0	36	Gates/Woods 2	0.0	0.0	0.0	65	SHARP	5.8	0.0	46.8	
48	8	Johnson/Hatmaker	0.0	0.0	0.0	37	No Tellum 4	0.0	0.0	0.0						
49	9	NEILSEN	49.2	0.0	40.1	38	No Tellum 5	0.0	0.0	0.0	67	SWAUGER	21.0	0.0	0.0	
50	10	Bradshaw 2	0.0	0.0	0.0	39	Gates/Woods/6X R	0.0	0.0	0.0	68	MARINAC	0.0	0.0	0.0	
51	11	CHILLY	58.3	0.0	4.2	40	Smith Pumps*	9.2	1.8	82.2	69	DARLINGTON	16.0	0.0	0.0	
52	12	INGRAM	0.0	0.0	0.0	41	Freeman/Kent*	0.0	0.0	0.0	70	BURNETT	70.0	0.0	0.0	
53	13	Cherian	0.2	0.0	1.3	42	Broken River Pum	1.0	0.0	0.0	71	SUTTER	0.0	0.0	0.0	
54	14	LONGHURST	26.0	0.0	0.0	43	Broken River Dit	1.5	0.0	0.6	72	ANGELO	0.0	0.0	0.0	
55	15	Mtn. Springs 3	2.5	0.0	0.0	44	Freeman 2*	0.0	0.0	0.0	73	BECK	14.0	0.0	0.0	
56	16	Donahue 1	3.0	2.1	57.2	45	Freeman 3*	0.0	0.0	0.0	74	PEHRSON	3.4	0.0	0.0	
57	17	Zollinger 1	2.2	0.0	0.0	46	Freeman/Hill Pum	0.0	0.0	0.0	75	LOW BURNETT	0.0	0.0	0.0	
58	18	Zollinger 3	1.0	0.0	20.2	47	6X Ranch 5	2.7	0.0	0.0	76	3IN1	5.0	0.0	0.0	
59	19	Pence Diversion	4.2	0.0	0.0	48	Johnson/Navarro	3.4	0.2	4.0	77	B&J	12.8	0.0	0.0	
60	20	Unger	0.0	0.0	0.0	49	6X Ranch 6	0.0	0.0	0.0	78	MOORE	116.0	0.0	0.8	

1	REACH LOSS DATA - JUN 8, 2009												1
2													2
3													3
4													4
5	REACH		ACTUAL DATE		TOTAL GAIN		STORAGE GAIN						5
6													6
7	8 BIG LOST AT HOWELL		JUN 5		2013.		0.						7
8	7 BIG LOST ABV MACKAY RES		JUN 6		-49.		0.						8
9	1 BIG LOST BLW MACKAY RES		JUN 6		-11.		0.						9
10	2 BIG LOST AT LESLIE		JUN 6		-224.		0.						10
11	3 BIG LOST BLW MOORE DIV		JUN 7		8.		0.						11
12	5 BIG LOST BLW MUNSEY DIV		JUN 8		-201.		0.						12
13	6 BIG LOST NR ARCO		JUN 8		-5.		0.						13
14													14
15													15
16													16
17													17
18	EXCHANGE PUMP DATA - JUN 8, 2009												18
19													19
20	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	20
21													21
22	1 Neilsen injectio	18.		636.9	6 POTTER EXCHANGE	0.		0.0	11 ISOM 2 EXCHANGE	0.		200.0	22
23	2 JM SMITH EXCHANG	0.		0.0	7 JENSEN EXCHANGE	0.		0.0	12 QUIST EXCHANGE P	0.		0.0	23
24	3 L SMITH EXCHANGE	0.		0.0	8 ISOM 1 EXCHANGE	0.		200.0	13 SCHUREMAN EXCHAN	0.		0.0	24
25	4 PEHRSON EXCHANGE	0.		0.0	9 PARKINSON EXCHAN	0.		0.0	14 RASMUSSEN EXCHAN	0.		0.0	25
26	5 FOLKMAN EXCHANGE	0.		83.1	10 MCDONALD EXCHANG	0.		0.0					26
27													27
28													28
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21	6X Ranch 1	8.0	0.0	0.0	50	Stoecklein 3*	0.0	0.0	0.0	79	EASTSIDE	50.0	0.0	0.0		
22	Mtn. Springs 1	5.4	0.0	0.0	51	Upper Fish Hatch	5.6	0.0	0.8	80	ARCO	31.7	0.0	0.0		
23	Mtn. Springs 4	0.0	0.0	0.0	52	Freeman Ditch	0.0	0.0	0.0	81	MUNSEY	36.0	0.0	289.0		
1	24 Mtn. Springs 2	2.8	0.0	0.0	53	Stoecklein 1	1.0	0.0	0.0	82	MILLER	0.0	0.0	0.0		1
2	25 Donahue 2	2.2	0.0	0.0	54	Stoecklein 2	0.0	0.0	0.0	83	MCLAUGHLIN	0.0	0.0	0.0		2
3	26 Simmons	1.4	0.0	0.0	55	Stoecklein 4	0.0	0.0	0.0	84	FOLKMAN PUMP	0.0	0.0	0.0		3
4	27 Donahue 4	0.0	0.0	0.0	56	Shoupe Ditch*	3.2	0.0	0.0	85	HUGGINS PUMP	0.0	0.0	0.0		4
5	28 Donahue 3	1.0	0.0	0.0	57	Gates Pump 1	0.0	0.0	0.0	86	QUIST PUMP #1	0.0	0.0	0.0		5
6	29 Zollinger 2	5.0	0.0	0.0	58	Gates Pump 2	0.0	0.0	0.0							6
7																7
8	(1) BITTON USE COMBINED WITH KENT DITCH															8
9																9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1															10
11																11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON															12
13																13
14	(4) SIMMONS USE COMBINED WITH NEILSEN															14
15																15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY															16
17																17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3															18
19																19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2															20
21																21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3															22
23																23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE															24
25																25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1															26
27																27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH															28
29																29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT															30
31																31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH															32
33																33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5															34
35																35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2															36
37																37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP															38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION															39
40																40
41																41
42																42
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1	REACH LOSS DATA - JUN 9, 2009												1
2													2
3													3
4	REACH		ACTUAL DATE	TOTAL GAIN	STORAGE GAIN								4
5													5
6													6
7	8	BIG LOST AT HOWELL	JUN 6	1853.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUN 7	-154.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUN 7	-13.	0.								9
10	2	BIG LOST AT LESLIE	JUN 7	-284.	0.								10
11	3	BIG LOST BLW MOORE DIV	JUN 8	-63.	0.								11
12	5	BIG LOST BLW MUNSEY DIV	JUN 9	-195.	0.								12
13	6	BIG LOST NR ARCO	JUN 9	-5.	0.								13
14													14
15													15
16													16
17													17
18	EXCHANGE PUMP DATA - JUN 9, 2009												18
19													19
20	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	20
21													21
22	1	Neilsen injectio	18.	671.7	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	22
23	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	23
24	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	24
25	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	25
26	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					26
27													27
28													28
29													29
30													30
31													31
32													32
33													33
34													34
35													35
36													36
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60													60
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WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) JUN 10, 2009

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1															1	
2															2	
3															3	
4															4	
5	8	BIG LOST AT HOWELL	JUN 7	1573.2	1570.0	1570.0	0.0	0.0	0.0	3.2	3.2	1573.2	19870806	5		
6	7	BIG LOST ABV MACKAY RES *	JUN 8	1357.9	1183.6	1170.5	19.5	13.1	0.0	184.3	190.6	-215.3	19870806	6		
7	1	BIG LOST BLW MACKAY RES	JUN 8	1342.8	1180.0	1135.2	0.0	44.8	7.8	20.2	4.9	-15.2	19870806	7		
8	2	BIG LOST AT LESLIE	JUN 8	1010.8	729.0	712.2	0.0	16.8	0.0	91.0	91.0	-332.0	19870806	8		
9	3	BIG LOST BLW MOORE DIV	JUN 9	865.5	280.0	351.8	0.0	-71.8	0.0	215.1	215.1	-145.2	19870806	9		
10	5	BIG LOST BLW MUNSEY DIV	JUN 10	696.6	116.0	116.2	0.0	-0.2	0.0	66.7	66.7	-168.9	19870806	10		
11	6	BIG LOST NR ARCO	JUN 10	692.1	112.0	111.7	0.0	0.3	0.0	0.0	0.0	-4.5	19870806	11		
12															12	
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED														13	
14															14	
15															15	
16															16	
17															17	
18															18	
19															19	
20	1	MACKAY	45440.0	45390.0	-25.2	15.3	45094.9	653.6	1	MACKAY	556.5	260.1		20		
21									2	MACKAY	294.0	138.2		21		
22									3	MACKAY	556.5	260.1		22		
23									4	MACKAY	1113.0	520.5		23		
24									5	MACKAY	140.0	65.0		24		
25									6	MACKAY	20646.0	20646.0		25		
26									7	MACKAY	17205.0	17205.0		26		
27									8	MACKAY	6000.0	6000.0		27		
28															28	
29	TOTAL														29	
30															30	
31															31	
32															32	
33															33	
34	YEAR-TO-DATE AF	14120.0	380.2	289.8	0.6	13695.2	3124.0								34	
35															35	
36															36	
37															37	
38															38	
39															39	
40															40	
41	1	Sorensen	0.0	0.0	0.0	30	Zollinger/No Tel	3.4	0.0	0.0	59	6X Ranch Pump	0.0	0.0	0.8	41
42	2	HOWELL	3.2	0.0	0.0	31	Churn Dasher Ran	1.2	0.0	0.0	60	6X Ranch Navarre	2.1	0.0	0.0	42
43	3	KENT	2.6	0.0	0.0	32	No Tellum 1	2.2	0.0	0.0	61	Gates/Woods 3	0.0	0.0	0.0	43
44	4	BRADSHAW	0.0	0.0	0.0	33	No Tellum 2	3.0	0.0	0.0	62	6X Ranch 3	0.0	0.0	0.0	44
45	5	BITTON	3.2	0.0	0.0	34	No Tellum 3	1.0	0.0	0.0	63	6X Ranch 4	0.0	0.0	0.0	45
46	6	Anderson	6.0	4.2	109.6	35	Gates/Woods 1	0.0	0.0	0.0	64	MACKAY DAM	0.0	0.0	0.0	46
47	7	Thalman Hunter D	1.1	0.0	0.0	36	Gates/Woods 2	0.0	0.0	0.0	65	SHARP	4.9	0.0	46.8	47
48	8	Johnson/Hatmaker	4.8	0.0	0.0	37	No Tellum 4	0.0	0.0	0.0						48
49	9	NEILSEN	49.6	0.0	40.1	38	No Tellum 5	0.0	0.0	0.0	67	SWAUGER	21.0	0.0	0.0	49
50	10	Bradshaw 2	0.0	0.0	0.0	39	Gates/Woods/6X R	0.0	0.0	0.0	68	MARINAC	0.0	0.0	0.0	50
51	11	CHILLY	60.4	0.0	4.2	40	Smith Pumps*	0.0	0.0	85.8	69	DARLINGTON	14.0	0.0	0.0	51
52	12	INGRAM	0.0	0.0	0.0	41	Freeman/Kent*	0.0	0.0	0.0	70	BURNETT	56.0	0.0	0.0	52
53	13	Cherian	0.0	0.0	1.3	42	Broken River Pum	0.0	0.0	0.0	71	SUTTER	0.0	0.0	0.0	53
54	14	LONGHURST	12.4	0.0	0.0	43	Broken River Dit	1.8	0.0	0.6	72	ANGELO	0.0	0.0	0.0	54
55	15	Mtn. Springs 3	0.0	0.0	0.0	44	Freeman 2*	0.0	0.0	0.0	73	BECK	12.0	0.0	0.0	55
56	16	Donahue 1	2.8	1.9	65.2	45	Freeman 3*	0.0	0.0	0.0	74	PEHRSON	3.4	0.0	0.0	56
57	17	Zollinger 1	2.4	0.0	0.0	46	Freeman/Hill Pum	0.0	0.0	0.0	75	LOW BURNETT	0.0	0.0	0.0	57
58	18	Zollinger 3	0.0	0.0	20.2	47	6X Ranch 5	2.2	0.0	0.0	76	3IN1	13.9	0.0	0.0	58
59	19	Pence Diversion	1.6	0.0	0.0	48	Johnson/Navarro	3.0	0.0	4.4	77	B&J	12.8	0.0	0.0	59
60	20	Unger	0.0	0.0	0.0	49	6X Ranch 6	0.0	0.0	0.0	78	MOORE	123.0	0.0	0.8	60

1	REACH LOSS DATA - JUN 10, 2009												1
2													2
3													3
4	REACH		ACTUAL DATE	TOTAL GAIN	STORAGE GAIN								4
5													5
6													6
7	8	BIG LOST AT HOWELL	JUN 7	1573.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUN 8	-215.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUN 8	-15.	0.								9
10	2	BIG LOST AT LESLIE	JUN 8	-332.	13.								10
11	3	BIG LOST BLW MOORE DIV	JUN 9	-145.	3.								11
12	5	BIG LOST BLW MUNSEY DIV	JUN 10	-169.	0.								12
13	6	BIG LOST NR ARCO	JUN 10	-4.	0.								13
14													14
15													15
16	RECHARGE DELIVERY ESTIMATES FOR ACCOUNTING DAY												16
17	ESTIMATED RECHARGE QUANTITIES:												17
18	ABV MACKAY DAM: 13. AF												18
19	BLW MAKCAY DAM: 0. AF												19
20	ESTIMATED EXCESS DIVERSIONS AND STORAGE DIVERSIONS:												20
21	EXCESS ABV DAM: 0. AF												21
22	STORAGE BLW DAM: 0. AF												22
23													23
24	TOTAL RCHRG YTD		13.										24
25													25
26													26
27													27
28													28
29													29
30	EXCHANGE PUMP DATA - JUN 10, 2009												30
31													31
32	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	32
33													33
34	1	Neilsen injectio	20.	710.4	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	34
35	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	35
36	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	36
37	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	37
38	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					38
39													39
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42													42
43													43
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WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) JUN 11, 2009

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1	WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (V2.0FC) JUN 11, 2009													20091110		
2	REACH FLOWS IN CFS			ACTUAL	NATURAL	ACTUAL RMAINING	EXCHANGE	STORED	RESRVOIR	NATURAL	TOTAL	REACH				
3				DATE	FLOW	FLOW NAT FLOW	FLOW	FLOW	EVAP	FLOW DIV	RCH DIV	GAIN LAST RIGHT				
4																
5	8	BIG LOST AT HOWELL		JUN 8	1301.9	1300.0	1300.3	0.0	-0.3	0.0	1.6	1.9	1301.9	19020301		
6	7	BIG LOST ABV MACKAY RES *		JUN 9	1196.3	1023.3	1097.0	19.5	-73.7	0.0	97.7	190.6	-105.6	19020301		
7	1	BIG LOST BLW MACKAY RES		JUN 9	1180.9	1110.0	1062.0	0.0	48.0	8.3	19.5	4.9	-15.4	19020301		
8	2	BIG LOST AT LESLIE		JUN 9	840.5	678.0	604.8	0.0	73.2	0.0	116.8	119.0	-340.4	19020301		
9	3	BIG LOST BLW MOORE DIV		JUN 10	640.5	289.8	198.3	0.0	91.5	0.0	206.5	206.5	-200.0	19020301		
10	5	BIG LOST BLW MUNSEY DIV		JUN 11	509.3	137.0	4.2	0.0	132.8	0.0	62.8	66.7	-131.2	19020301		
11	6	BIG LOST NR ARCO		JUN 11	505.0	133.0	0.0	0.0	133.0	0.0	0.0	0.0	-4.2	19020301		
12																
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED								TOTALS		505.	590.	505.			
14																
15																
16																
17	RESERVOIR		PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR		RIGHT		STORED		
18			(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)				(AF)		(AF)		
19																
20	1	MACKAY		45390.0	45160.0	-116.0	14.7	45124.1	670.0	1	MACKAY		556.5	266.5		
21										2	MACKAY		294.0	141.5		
22										3	MACKAY		556.5	266.5		
23										4	MACKAY		1113.0	533.2		
24										5	MACKAY		140.0	65.3		
25										6	MACKAY		20646.0	20646.0		
26										7	MACKAY		17205.0	17205.0		
27										8	MACKAY		6000.0	6000.0		
28																
29	TOTAL											46511.0	45124.1			
30																
31			CHANGE IN	AF USED	STORAGE	ARCO	TOTAL	UNACCT								
32			CONTENT	ABOVE	USED	STORED	STORED	STORED								
33																
34	YEAR-TO-DATE AF		13890.0	565.1	297.5	264.4	13724.4	3124.0								
35																
36																
37																
38			CFS	CFS	AF				CFS	CFS	AF					
39	DIVERSION		DIVN	STOR	USED	DIVERSION			DIVN	STOR	USED	DIVERSION				
40																
41	1	Sorensen		0.0	0.0	0.0	30	Zollinger/No Tel	3.4	0.0	0.0	59	6X Ranch Pump	0.0	1.5	3.8
42	2	HOWELL		1.9	0.3	0.6	31	Churn Dasher Ran	1.2	0.0	0.0	60	6X Ranch Navarre	2.1	0.0	0.0
43	3	KENT		2.6	0.2	0.4	32	No Tellum 1	2.2	0.0	0.0	61	Gates/Woods 3	0.0	0.0	0.0
44	4	BRADSHAW		0.0	0.0	0.0	33	No Tellum 2	3.0	0.0	0.0	62	6X Ranch 3	0.0	0.0	0.0
45	5	BITTON		3.2	0.0	0.0	34	No Tellum 3	1.0	0.0	0.0	63	6X Ranch 4	0.0	0.0	0.0
46	6	Anderson		6.0	7.5	124.5	35	Gates/Woods 1	0.0	0.0	0.0	64	MACKAY DAM	0.0	0.0	0.0
47	7	Thalman Hunter D		1.1	0.0	0.0	36	Gates/Woods 2	0.0	0.0	0.0	65	SHARP	4.9	0.0	46.8
48	8	Johnson/Hatmaker		4.8	0.0	0.0	37	No Tellum 4	0.0	0.0	0.0					
49	9	NEILSEN		49.6	32.7	105.0	38	No Tellum 5	0.0	0.0	0.0	67	SWAUGER	21.0	0.0	0.0
50	10	Bradshaw 2		0.0	0.0	0.0	39	Gates/Woods/6X R	0.0	0.0	0.0	68	MARINAC	0.0	0.0	0.0
51	11	CHILLY		60.4	41.9	87.4	40	Smith Pumps*	0.0	0.0	85.8	69	DARLINGTON	14.0	0.0	0.0
52	12	INGRAM		0.0	0.0	0.0	41	Freeman/Kent*	0.0	0.0	0.0	70	BURNETT	78.0	0.0	0.0
53	13	Cherian		0.0	0.0	1.3	42	Broken River Pum	0.0	0.0	0.0	71	SUTTER	0.0	0.0	0.0
54	14	LONGHURST		12.4	0.0	0.0	43	Broken River Dit	1.8	0.0	0.6	72	ANGELO	0.0	0.0	0.0
55	15	Mtn. Springs 3		0.0	0.0	0.0	44	Freeman 2*	0.0	0.0	0.0	73	BECK	12.0	0.0	0.0
56	16	Donahue 1		2.8	2.8	70.8	45	Freeman 3*	0.0	0.0	0.0	74	PEHRSON	4.0	0.0	0.0
57	17	Zollinger 1		2.4	0.0	0.0	46	Freeman/Hill Pum	0.0	0.0	0.0	75	LOW BURNETT	0.0	0.0	0.0
58	18	Zollinger 3		0.0	2.4	25.0	47	6X Ranch 5	2.2	2.2	4.4	76	3IN1	14.5	0.0	0.0
59	19	Pence Diversion		1.6	0.0	0.0	48	Johnson/Navarro	3.0	1.0	6.4	77	B&J	12.8	0.0	0.0
60	20	Unger		0.0	0.0	0.0	49	6X Ranch 6	0.0	0.0	0.0	78	MOORE	113.0	0.0	0.8

1													1
2	REACH LOSS DATA - JUN 11, 2009												2
3													3
4													4
5	REACH		ACTUAL DATE		TOTAL GAIN		STORAGE GAIN						5
6													6
7	8	BIG LOST AT HOWELL	JUN 8	1302.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUN 9	-106.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUN 9	-15.	0.								9
10	2	BIG LOST AT LESLIE	JUN 9	-353.	15.								10
11	3	BIG LOST BLW MOORE DIV	JUN 10	-203.	22.								11
12	5	BIG LOST BLW MUNSEY DIV	JUN 11	-131.	41.								12
13	6	BIG LOST NR ARCO	JUN 11	-4.	4.								13
14													14
15													15
16	RECHARGE DELIVERY ESTIMATES FOR ACCOUNTING DAY												16
17	ESTIMATED RECHARGE QUANTITIES:												17
18	ABV MACKAY DAM: 185. AF												18
19	BLW MAKCAY DAM: 12. AF												19
20	ESTIMATED EXCESS DIVERSIONS AND STORAGE DIVERSIONS:												20
21	EXCESS ABV DAM: 0. AF												21
22	STORAGE BLW DAM: 0. AF												22
23													23
24	TOTAL RCHRG YTD		209.										24
25													25
26													26
27													27
28													28
29													29
30	EXCHANGE PUMP DATA - JUN 11, 2009												30
31													31
32	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	32
33													33
34	1	Neilsen injectio	20.	749.1	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	34
35	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	35
36	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	36
37	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	37
38	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					38
39													39
40													40
41													41
42													42
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21	6X Ranch 1	5.4	0.0	0.0	50	Stoecklein 3*	0.0	0.0	0.0	79	EASTSIDE	16.9	0.0	0.0		
22	Mtn. Springs 1	4.2	0.0	0.0	51	Upper Fish Hatch	4.9	0.5	2.7	80	ARCO	31.7	0.0	0.0		
23	Mtn. Springs 4	0.0	0.0	0.0	52	Freeman Ditch	0.0	0.0	0.0	81	MUNSEY	35.0	3.9	304.3		
1	24 Mtn. Springs 2	0.0	0.0	0.0	53	Stoecklein 1	1.0	0.0	0.0	82	MILLER	0.0	0.0	0.0		1
2	25 Donahue 2	1.4	0.0	0.0	54	Stoecklein 2	0.0	0.0	0.0	83	MCLAUGHLIN	0.0	0.0	0.0		2
3	26 Simmons	1.1	0.0	0.0	55	Stoecklein 4	0.0	0.0	0.0	84	FOLKMAN PUMP	0.0	0.0	0.0		3
4	27 Donahue 4	0.0	0.0	0.0	56	Shoupe Ditch*	3.4	0.2	1.2	85	HUGGINS PUMP	0.0	0.0	0.0		4
5	28 Donahue 3	1.0	0.0	0.0	57	Gates Pump 1	0.0	0.0	0.0	86	QUIST PUMP #1	0.0	0.0	0.0		5
6	29 Zollinger 2	1.2	0.0	0.0	58	Gates Pump 2	0.0	0.0	0.0							6
7																7
8	(1) BITTON USE COMBINED WITH KENT DITCH															8
9																9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1															10
11																11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON															12
13																13
14	(4) SIMMONS USE COMBINED WITH NEILSEN															14
15																15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY															16
17																17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3															18
19																19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2															20
21																21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3															22
23																23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE															24
25																25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1															26
27																27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH															28
29																29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT															30
31																31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH															32
33																33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5															34
35																35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2															36
37																37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP															38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION															39
40																40
41																41
42																42
43																43
44																44
45																45
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56																56
57																57
58																58
59																59
60																60
61																61

1	REACH LOSS DATA - JUN 12, 2009												1
2													2
3													3
4	REACH		ACTUAL DATE	TOTAL GAIN	STORAGE GAIN								4
5													5
6													6
7	8	BIG LOST AT HOWELL	JUN 9	1142.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUN 10	-49.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUN 10	-15.	0.								9
10	2	BIG LOST AT LESLIE	JUN 10	-343.	27.								10
11	3	BIG LOST BLW MOORE DIV	JUN 11	-190.	32.								11
12	5	BIG LOST BLW MUNSEY DIV	JUN 12	-109.	58.								12
13	6	BIG LOST NR ARCO	JUN 12	-4.	4.								13
14													14
15													15
16	RECHARGE DELIVERY ESTIMATES FOR ACCOUNTING DAY												16
17	ESTIMATED RECHARGE QUANTITIES:												17
18	ABV MACKAY DAM: 205. AF												18
19	BLW MAKCAY DAM: 12. AF												19
20	ESTIMATED EXCESS DIVERSIONS AND STORAGE DIVERSIONS:												20
21	EXCESS ABV DAM: 0. AF												21
22	STORAGE BLW DAM: 0. AF												22
23													23
24	TOTAL RCHRG YTD 427.												24
25													25
26													26
27													27
28													28
29													29
30	EXCHANGE PUMP DATA - JUN 12, 2009												30
31													31
32	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	32
33													33
34	1	Neilsen injectio	20.	787.7	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	34
35	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	35
36	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	36
37	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	37
38	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					38
39													39
40													40
41													41
42													42
43													43
44													44
45													45
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56													56
57													57
58													58
59													59
60													60
61													61

1														1		
2	REACH FLOWS IN CFS				ACTUAL	NATURAL	ACTUAL RMAINING		EXCHANGE	STORED	RESRVOIR	NATURAL	TOTAL	REACH	2	
3					DATE	FLOW	FLOW	NAT FLOW	FLOW	FLOW	EVAP	FLOW	DIV	RCH DIV	GAIN LAST RIGHT	3
4															4	
5	8	BIG LOST AT HOWELL	JUN 10	1082.0	1080.0	1080.0	0.0	0.0	0.0	2.0	2.0	1082.0	19080401	5		
6	7	BIG LOST ABV MACKAY RES *	JUN 11	1067.5	880.2	899.2	19.5	-19.0	0.0	166.3	204.8	-14.5	19080401	6		
7	1	BIG LOST BLW MACKAY RES	JUN 11	1052.4	951.0	858.9	0.0	92.1	6.0	25.2	9.9	-15.1	19080401	7		
8	2	BIG LOST AT LESLIE	JUN 11	763.9	532.0	433.6	0.0	98.4	0.0	136.9	139.0	-288.5	19080401	8		
9	3	BIG LOST BLW MOORE DIV	JUN 12	651.1	269.8	102.2	0.0	167.6	0.0	218.6	218.6	-112.8	19080401	9		
10	5	BIG LOST BLW MUNSEY DIV	JUN 13	611.8	96.0	0.0	0.0	96.0	0.0	62.8	66.7	-39.3	19080401	10		
11	6	BIG LOST NR ARCO	JUN 13	611.7	91.0	0.0	0.0	91.0	0.0	0.0	0.0	0.0	19080401	11		
12															12	
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED										TOTALS	612.	641.	612.	13	
14															14	
15															15	
16															16	
17	RESERVOIR	PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR			RIGHT	STORED	17		
18		(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)					(AF)	(AF)	18		
19	1	MACKAY	44850.0	44650.0	-100.8	15.3	45183.8	697.4	1	MACKAY		556.5	279.2	19		
20									2	MACKAY		294.0	148.3	20		
21									3	MACKAY		556.5	279.2	21		
22									4	MACKAY		1113.0	558.6	22		
23									5	MACKAY		140.0	67.6	23		
24									6	MACKAY		20646.0	20646.0	24		
25									7	MACKAY		17205.0	17205.0	25		
26									8	MACKAY		6000.0	6000.0	26		
27															27	
28	TOTAL												46511.0	45183.8	28	
29															29	
30															30	
31		CHANGE IN	AF USED	STORAGE	ARCO	TOTAL	UNACCT								31	
32		CONTENT	ABOVE	USED	STORED	STORED	STORED								32	
33															33	
34	YEAR-TO-DATE AF	13380.0	846.8	312.8	661.1	13784.1	3124.0								34	
35															35	
36															36	
37															37	
38		CFS	CFS	AF		CFS	CFS	AF		CFS	CFS	AF		38		
39	DIVERSION	DIVN	STOR	USED	DIVERSION	DIVN	STOR	USED	DIVERSION	DIVN	STOR	USED		39		
40														40		
41	1	Sorensen	0.0	0.0	0.0	30	Zollinger/No Tel	3.4	0.0	0.0	59	6X Ranch Pump	0.0	0.0	6.8	41
42	2	HOWELL	2.0	0.0	1.2	31	Churn Dasher Ran	1.2	0.0	0.0	60	6X Ranch Navarre	2.1	0.0	0.0	42
43	3	KENT	2.6	0.0	0.8	32	No Tellum 1	2.2	0.0	0.0	61	Gates/Woods 3	0.0	0.0	0.0	43
44	4	BRADSHAW	0.0	0.0	0.0	33	No Tellum 2	3.0	0.0	0.0	62	6X Ranch 3	0.0	0.0	0.0	44
45	5	BITTON	3.2	0.0	0.0	34	No Tellum 3	1.0	0.0	0.0	63	6X Ranch 4	0.0	0.0	0.0	45
46	6	Anderson	6.0	7.5	154.2	35	Gates/Woods 1	0.0	0.0	0.0	64	MACKAY DAM	0.0	0.0	0.0	46
47	7	Thalman Hunter D	1.1	0.0	0.0	36	Gates/Woods 2	0.0	0.0	0.0	65	SHARP	9.9	0.0	46.8	47
48	8	Johnson/Hatmaker	4.8	0.0	0.0	37	No Tellum 4	0.0	0.0	0.0						48
49	9	NEILSEN	49.6	17.2	203.6	38	No Tellum 5	0.0	0.0	0.0	67	SWAUGER	24.0	0.0	0.0	49
50	10	Bradshaw 2	0.0	0.0	0.0	39	Gates/Woods/6X R	0.0	0.0	0.0	68	MARINAC	0.0	0.0	0.0	50
51	11	CHILLY	74.8	9.8	210.8	40	Smith Pumps*	0.0	0.0	85.8	69	DARLINGTON	25.0	0.0	0.0	51
52	12	INGRAM	0.0	0.0	0.0	41	Freeman/Kent*	0.0	0.0	0.0	70	BURNETT	78.0	0.0	0.0	52
53	13	Cherian	0.0	0.0	1.3	42	Broken River Pum	0.0	0.0	0.0	71	SUTTER	6.0	0.0	0.0	53
54	14	LONGHURST	12.4	0.0	0.0	43	Broken River Dit	1.8	0.0	0.6	72	ANGELO	0.0	0.0	0.0	54
55	15	Mtn. Springs 3	0.0	0.0	0.0	44	Freeman 2*	0.0	0.0	0.0	73	BECK	14.4	0.0	0.0	55
56	16	Donahue 1	2.8	2.8	81.9	45	Freeman 3*	0.0	0.0	0.0	74	PEHRSON	4.0	0.0	0.0	56
57	17	Zollinger 1	2.4	0.0	0.0	46	Freeman/Hill Pum	0.0	0.0	0.0	75	LOW BURNETT	2.5	0.0	0.0	57
58	18	Zollinger 3	0.0	0.0	29.7	47	6X Ranch 5	2.2	0.0	8.7	76	3IN1	16.3	0.0	0.0	58
59	19	Pence Diversion	1.6	0.0	0.0	48	Johnson/Navarro	3.0	1.0	10.4	77	B&J	8.2	0.0	0.0	59
60	20	Unger	0.0	0.0	0.0	49	6X Ranch 6	0.0	0.0	0.0	78	MOORE	123.0	0.0	0.8	60

21	6X Ranch 1	5.4	0.0	0.0	50	Stoecklein 3*	0.0	0.0	0.0	79	EASTSIDE	50.2	0.0	0.0		
22	Mtn. Springs 1	4.2	0.0	0.0	51	Upper Fish Hatch	4.9	0.0	2.7	80	ARCO	31.7	0.0	0.0		
23	Mtn. Springs 4	0.0	0.0	0.0	52	Freeman Ditch	0.0	0.0	0.0	81	MUNSEY	35.0	3.9	312.0		
1	24 Mtn. Springs 2	0.0	0.0	0.0	53	Stoecklein 1	1.0	0.0	0.0	82	MILLER	0.0	0.0	0.0		1
2	25 Donahue 2	1.4	0.0	0.0	54	Stoecklein 2	0.0	0.0	0.0	83	MCLAUGHLIN	0.0	0.0	0.0		2
3	26 Simmons	1.1	0.0	0.0	55	Stoecklein 4	0.0	0.0	0.0	84	FOLKMAN PUMP	0.0	0.0	0.0		3
4	27 Donahue 4	0.0	0.0	0.0	56	Shoupe Ditch*	3.4	0.2	1.6	85	HUGGINS PUMP	0.0	0.0	0.0		4
5	28 Donahue 3	1.0	0.0	0.0	57	Gates Pump 1	0.0	0.0	0.0	86	QUIST PUMP #1	0.0	0.0	0.0		5
6	29 Zollinger 2	1.2	0.0	0.0	58	Gates Pump 2	0.0	0.0	0.0							6
7																7
8	(1) BITTON USE COMBINED WITH KENT DITCH															8
9																9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1															10
11																11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON															12
13																13
14	(4) SIMMONS USE COMBINED WITH NEILSEN															14
15																15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY															16
17																17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3															18
19																19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2															20
21																21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3															22
23																23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE															24
25																25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1															26
27																27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH															28
29																29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT															30
31																31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH															32
33																33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5															34
35																35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2															36
37																37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP															38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION															39
40																40
41																41
42																42
43																43
44																44
45																45
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59																59
60																60
61																61

1	REACH LOSS DATA - JUN 13, 2009												1
2													2
3													3
4													4
5	REACH		ACTUAL	TOTAL	STORAGE								5
6			DATE	GAIN	GAIN								6
7	8	BIG LOST AT HOWELL	JUN 10	1082.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUN 11	-14.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUN 11	-15.	0.								9
10	2	BIG LOST AT LESLIE	JUN 11	-315.	31.								10
11	3	BIG LOST BLW MOORE DIV	JUN 12	-144.	27.								11
12	5	BIG LOST BLW MUNSEY DIV	JUN 13	-97.	60.								12
13	6	BIG LOST NR ARCO	JUN 13	-4.	4.								13
14													14
15													15
16	RECHARGE DELIVERY ESTIMATES FOR ACCOUNTING DAY												16
17	ESTIMATED RECHARGE QUANTITIES:												17
18	ABV MACKAY DAM: 76. AF												18
19	BLW MAKCAY DAM: 12. AF												19
20	ESTIMATED EXCESS DIVERSIONS AND STORAGE DIVERSIONS:												20
21	EXCESS ABV DAM: 0. AF												21
22	STORAGE BLW DAM: 0. AF												22
23													23
24	TOTAL RCHRG YTD		515.										24
25													25
26													26
27													27
28													28
29													29
30	EXCHANGE PUMP DATA - JUN 13, 2009												30
31													31
32	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	32
33													33
34	1	Neilsen injectio	20.	826.4	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	34
35	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	35
36	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	36
37	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	37
38	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					38
39													39
40													40
41													41
42													42
43													43
44													44
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60													60
61													61

1	WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (V2.0FC) JUN 14, 2009													20091110
2	REACH FLOWS IN CFS			ACTUAL	NATURAL	ACTUAL RMAINING	EXCHANGE	STORED	RESRVOIR	NATURAL	TOTAL	REACH		
3				DATE	FLOW	FLOW NAT FLOW	FLOW	FLOW	EVAP	FLOW DIV	RCH DIV	GAIN	LAST RIGHT	
4														
5	8	BIG LOST AT HOWELL		JUN 11	1122.0	1120.0	1120.0	0.0	0.0	0.0	2.0	2.0	1122.0	19870806
6	7	BIG LOST ABV MACKAY RES *		JUN 12	1205.1	1019.4	1006.3	19.5	13.1	0.0	196.9	203.2	83.1	19870806
7	1	BIG LOST BLW MACKAY RES		JUN 12	1190.1	941.0	966.1	0.0	-25.1	7.7	25.2	9.9	-15.0	19870806
8	2	BIG LOST AT LESLIE		JUN 12	922.0	498.0	550.8	0.0	-52.8	0.0	147.2	149.3	-268.1	19870806
9	3	BIG LOST BLW MOORE DIV		JUN 13	857.2	259.8	270.1	0.0	-10.3	0.0	216.0	216.0	-64.8	19870806
10	5	BIG LOST BLW MUNSEY DIV		JUN 14	824.5	112.0	170.7	0.0	-58.7	0.0	66.7	66.7	-32.7	19870806
11	6	BIG LOST NR ARCO		JUN 14	824.3	107.0	170.4	0.0	-63.4	0.0	0.0	0.0	-0.3	19870806
12														
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED								TOTALS		654.	647.	824.	
14														
15														
16														
17	RESERVOIR		PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR		RIGHT	STORED	
18			(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)				(AF)	(AF)	
19														
20	1 MACKAY		44650.0	44740.0	45.4	15.3	45214.2	712.7	1	MACKAY		556.5	285.5	
21									2	MACKAY		294.0	151.7	
22									3	MACKAY		556.5	285.5	
23									4	MACKAY		1113.0	571.3	
24									5	MACKAY		140.0	69.2	
25									6	MACKAY		20646.0	20646.0	
26									7	MACKAY		17205.0	17205.0	
27									8	MACKAY		6000.0	6000.0	
28														
29	TOTAL											46511.0	45214.2	
30														
31			CHANGE IN	AF USED	STORAGE	ARCO	TOTAL	UNACCT						
32			CONTENT	ABOVE	USED	STORED	STORED	STORED						
33														
34	YEAR-TO-DATE AF		13470.0	859.4	312.8	661.1	13814.5	3249.8						
35														
36														
37														
38			CFS	CFS	AF		CFS	CFS	AF		CFS	CFS	AF	
39	DIVERSION		DIVN	STOR	USED	DIVERSION	DIVN	STOR	USED	DIVERSION	DIVN	STOR	USED	
40														
41	1	Sorensen	0.0	0.0	0.0	30 Zollinger/No Tel	3.4	0.0	0.0	59 6X Ranch Pump	0.0	0.0	6.8	
42	2	HOWELL	2.0	0.0	1.2	31 Churn Dasher Ran	1.2	0.0	0.0	60 6X Ranch Navarre	2.1	0.0	0.0	
43	3	KENT	2.6	0.0	0.8	32 No Tellum 1	2.2	0.0	0.0	61 Gates/Woods 3	0.0	0.0	0.0	
44	4	BRADSHAW	0.0	0.0	0.0	33 No Tellum 2	3.0	0.0	0.0	62 6X Ranch 3	0.0	0.0	0.0	
45	5	BITTON	3.2	0.0	0.0	34 No Tellum 3	1.0	0.0	0.0	63 6X Ranch 4	0.0	0.0	0.0	
46	6	Anderson	6.0	4.2	162.6	35 Gates/Woods 1	0.0	0.0	0.0	64 MACKAY DAM	0.0	0.0	0.0	
47	7	Thalman Hunter D	1.1	0.0	0.0	36 Gates/Woods 2	0.0	0.0	0.0	65 SHARP	9.9	0.0	46.8	
48	8	Johnson/Hatmaker	4.8	0.0	0.0	37 No Tellum 4	0.0	0.0	0.0					
49	9	NEILSEN	49.6	0.0	203.6	38 No Tellum 5	0.0	0.0	0.0	67 SWAUGER	25.3	0.0	0.0	
50	10	Bradshaw 2	0.0	0.0	0.0	39 Gates/Woods/6X R	0.0	0.0	0.0	68 MARINAC	0.0	0.0	0.0	
51	11	CHILLY	74.8	0.0	210.8	40 Smith Pumps*	0.0	0.0	85.8	69 DARLINGTON	34.0	0.0	0.0	
52	12	INGRAM	0.0	0.0	0.0	41 Freeman/Kent*	0.0	0.0	0.0	70 BURNETT	78.0	0.0	0.0	
53	13	Cherian	0.0	0.0	1.3	42 Broken River Pum	0.0	0.0	0.0	71 SUTTER	6.0	0.0	0.0	
54	14	LONGHURST	10.8	0.0	0.0	43 Broken River Dit	1.8	0.0	0.6	72 ANGELO	0.0	0.0	0.0	
55	15	Mtn. Springs 3	0.0	0.0	0.0	44 Freeman 2*	0.0	0.0	0.0	73 BECK	14.4	0.0	0.0	
56	16	Donahue 1	2.8	1.9	85.7	45 Freeman 3*	0.0	0.0	0.0	74 PEHRSON	3.4	0.0	0.0	
57	17	Zollinger 1	2.4	0.0	0.0	46 Freeman/Hill Pum	0.0	0.0	0.0	75 LOW BURNETT	2.5	0.0	0.0	
58	18	Zollinger 3	0.0	0.0	29.7	47 6X Ranch 5	2.2	0.0	8.7	76 3IN1	16.3	0.0	0.0	
59	19	Pence Diversion	1.6	0.0	0.0	48 Johnson/Navarro	3.0	0.0	10.4	77 B&J	8.2	0.0	0.0	
60	20	Unger	0.0	0.0	0.0	49 6X Ranch 6	0.0	0.0	0.0	78 MOORE	121.0	0.0	0.8	

21	6X Ranch 1	5.4	0.0	0.0	50	Stoecklein 3*	0.0	0.0	0.0	79	EASTSIDE	50.2	0.0	0.0		
22	Mtn. Springs 1	4.2	0.0	0.0	51	Upper Fish Hatch	4.9	0.0	2.7	80	ARCO	31.7	0.0	0.0		
23	Mtn. Springs 4	0.0	0.0	0.0	52	Freeman Ditch	0.0	0.0	0.0	81	MUNSEY	35.0	0.0	312.0		
1	24 Mtn. Springs 2	0.0	0.0	0.0	53	Stoecklein 1	1.0	0.0	0.0	82	MILLER	0.0	0.0	0.0		1
2	25 Donahue 2	1.4	0.0	0.0	54	Stoecklein 2	0.0	0.0	0.0	83	MCLAUGHLIN	0.0	0.0	0.0		2
3	26 Simmons	1.1	0.0	0.0	55	Stoecklein 4	0.0	0.0	0.0	84	FOLKMAN PUMP	0.0	0.0	0.0		3
4	27 Donahue 4	0.0	0.0	0.0	56	Shoupe Ditch*	3.4	0.2	2.0	85	HUGGINS PUMP	0.0	0.0	0.0		4
5	28 Donahue 3	1.0	0.0	0.0	57	Gates Pump 1	0.0	0.0	0.0	86	QUIST PUMP #1	0.0	0.0	0.0		5
6	29 Zollinger 2	1.2	0.0	0.0	58	Gates Pump 2	0.0	0.0	0.0							6
7																7
8	(1) BITTON USE COMBINED WITH KENT DITCH															8
9																9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1															10
11																11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON															12
13																13
14	(4) SIMMONS USE COMBINED WITH NEILSEN															14
15																15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY															16
17																17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3															18
19																19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2															20
21																21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3															22
23																23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE															24
25																25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1															26
27																27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH															28
29																29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT															30
31																31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH															32
33																33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5															34
35																35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2															36
37																37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP															38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION															39
40																40
41																41
42																42
43																43
44																44
45																45
46																46
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56																56
57																57
58																58
59																59
60																60
61																61

1	REACH LOSS DATA - JUN 14, 2009												1
2													2
3													3
4	REACH		ACTUAL DATE	TOTAL GAIN	STORAGE GAIN								4
5													5
6													6
7	8	BIG LOST AT HOWELL	JUN 11	1122.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUN 12	83.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUN 12	-15.	0.								9
10	2	BIG LOST AT LESLIE	JUN 12	-299.	0.								10
11	3	BIG LOST BLW MOORE DIV	JUN 13	-92.	0.								11
12	5	BIG LOST BLW MUNSEY DIV	JUN 14	-93.	0.								12
13	6	BIG LOST NR ARCO	JUN 14	-5.	0.								13
14													14
15													15
16	RECHARGE DELIVERY ESTIMATES FOR ACCOUNTING DAY												16
17	ESTIMATED RECHARGE QUANTITIES:												17
18	ABV MACKAY DAM: 13. AF												18
19	BLW MAKCAY DAM: 4. AF												19
20	ESTIMATED EXCESS DIVERSIONS AND STORAGE DIVERSIONS:												20
21	EXCESS ABV DAM: 0. AF												21
22	STORAGE BLW DAM: 0. AF												22
23													23
24	TOTAL RCHRG YTD		532.										24
25													25
26													26
27													27
28													28
29													29
30	EXCHANGE PUMP DATA - JUN 14, 2009												30
31													31
32	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	32
33													33
34	1	Neilsen injectio	20.	865.1	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	34
35	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	35
36	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	36
37	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	37
38	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					38
39													39
40													40
41													41
42													42
43													43
44													44
45													45
46													46
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60													60
61													61

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61

1	REACH LOSS DATA - JUN 15, 2009												1
2													2
3													3
4													4
5	REACH		ACTUAL	TOTAL	STORAGE								5
6			DATE	GAIN	GAIN								6
7	8	BIG LOST AT HOWELL	JUN 12	1232.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUN 13	18.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUN 13	-15.	0.								9
10	2	BIG LOST AT LESLIE	JUN 13	-295.	0.								10
11	3	BIG LOST BLW MOORE DIV	JUN 14	-53.	0.								11
12	5	BIG LOST BLW MUNSEY DIV	JUN 15	-81.	0.								12
13	6	BIG LOST NR ARCO	JUN 15	-5.	1.								13
14													14
15													15
16	RECHARGE DELIVERY ESTIMATES FOR ACCOUNTING DAY												16
17	ESTIMATED RECHARGE QUANTITIES:												17
18	ABV MACKAY DAM: 13. AF												18
19	BLW MAKCAY DAM: 19. AF												19
20	ESTIMATED EXCESS DIVERSIONS AND STORAGE DIVERSIONS:												20
21	EXCESS ABV DAM: 0. AF												21
22	STORAGE BLW DAM: 0. AF												22
23													23
24	TOTAL RCHRG YTD		564.										24
25													25
26													26
27													27
28													28
29													29
30	EXCHANGE PUMP DATA - JUN 15, 2009												30
31													31
32	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	32
33													33
34	1	Neilsen injectio	20.	903.8	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	34
35	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	35
36	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	36
37	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	37
38	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					38
39													39
40													40
41													41
42													42
43													43
44													44
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60													60
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21	6X Ranch 1	5.4	0.0	0.0	50	Stoecklein 3*	0.0	0.0	0.0	79	EASTSIDE	102.9	7.6	30.2	
22	Mtn. Springs 1	4.2	0.0	0.0	51	Upper Fish Hatch	4.9	0.0	2.7	80	ARCO	23.4	0.0	0.0	
23	Mtn. Springs 4	0.0	0.0	0.0	52	Freeman Ditch	0.0	0.0	0.0	81	MUNSEY	8.0	0.0	312.0	
1	24 Mtn. Springs 2	0.0	0.0	0.0	53	Stoecklein 1	1.0	0.0	0.0	82	MILLER	0.0	0.0	0.0	1
2	25 Donahue 2	1.4	0.0	0.0	54	Stoecklein 2	0.0	0.0	0.0	83	MCLAUGHLIN	0.0	0.0	0.0	2
3	26 Simmons	1.1	0.0	0.0	55	Stoecklein 4	0.0	0.0	0.0	84	FOLKMAN PUMP	0.0	0.0	0.0	3
4	27 Donahue 4	0.0	0.0	0.0	56	Shoupe Ditch*	3.4	0.2	2.8	85	HUGGINS PUMP	0.0	0.0	0.0	4
5	28 Donahue 3	1.0	0.0	0.0	57	Gates Pump 1	0.0	0.0	0.0	86	QUIST PUMP #1	0.0	0.0	0.0	5
6	29 Zollinger 2	1.2	0.0	0.0	58	Gates Pump 2	0.0	0.0	0.0						6
7															7
8	(1) BITTON USE COMBINED WITH KENT DITCH														8
9															9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1														10
11															11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON														12
13															13
14	(4) SIMMONS USE COMBINED WITH NEILSEN														14
15															15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY														16
17															17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3														18
19															19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2														20
21															21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3														22
23															23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE														24
25															25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1														26
27															27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH														28
29															29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT														30
31															31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH														32
33															33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5														34
35															35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2														36
37															37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP														38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION														39
40															40
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42															42
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57															57
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59															59
60															60
61															61

1	REACH LOSS DATA - JUN 16, 2009												1
2													2
3													3
4													4
5	REACH		ACTUAL	TOTAL	STORAGE								5
6			DATE	GAIN	GAIN								6
7	8	BIG LOST AT HOWELL	JUN 13	1272.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUN 14	-10.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUN 14	-15.	0.								9
10	2	BIG LOST AT LESLIE	JUN 14	-296.	2.								10
11	3	BIG LOST BLW MOORE DIV	JUN 15	-29.	0.								11
12	5	BIG LOST BLW MUNSEY DIV	JUN 16	-73.	0.								12
13	6	BIG LOST NR ARCO	JUN 16	-5.	0.								13
14													14
15													15
16	RECHARGE DELIVERY ESTIMATES FOR ACCOUNTING DAY												16
17	ESTIMATED RECHARGE QUANTITIES:												17
18	ABV MACKAY DAM:		13.	AF									18
19	BLW MAKCAY DAM:		19.	AF									19
20	ESTIMATED EXCESS DIVERSIONS AND STORAGE DIVERSIONS:												20
21	EXCESS ABV DAM:		0.	AF									21
22	STORAGE BLW DAM:		0.	AF									22
23													23
24	TOTAL RCHRG YTD		596.										24
25													25
26													26
27													27
28													28
29													29
30	EXCHANGE PUMP DATA - JUN 16, 2009												30
31													31
32	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	32
33													33
34	1	Neilsen injectio	20.	942.4	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	34
35	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	35
36	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	36
37	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	37
38	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					38
39													39
40													40
41													41
42													42
43													43
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60													60
61													61

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) JUN 17, 2009

20091110

1	WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (V2.0FC) JUN 17, 2009													20091110	
2	REACH FLOWS IN CFS			ACTUAL	NATURAL	ACTUAL RMAINING	EXCHANGE	STORED	RESRVOIR	NATURAL	TOTAL	REACH			
3				DATE	FLOW	FLOW NAT FLOW	FLOW	FLOW	EVAP	FLOW DIV	RCH DIV	GAIN	LAST RIGHT		
4															
5	8	BIG LOST AT HOWELL		JUN 14	1452.0	1450.0	1450.0	0.0	0.0	0.0	2.0	2.0	1452.0	19870806	
6	7	BIG LOST ABV MACKAY RES *		JUN 15	1445.4	1243.1	1243.3	9.2	-0.2	0.0	200.0	209.4	-6.6	19870806	
7	1	BIG LOST BLW MACKAY RES		JUN 15	1430.4	1150.0	1201.2	0.0	-51.2	7.3	27.2	11.9	-14.9	19870806	
8	2	BIG LOST AT LESLIE		JUN 15	1122.2	635.0	722.1	0.0	-87.1	0.0	170.9	178.3	-308.2	19870806	
9	3	BIG LOST BLW MOORE DIV		JUN 16	1082.7	247.1	389.2	0.0	-142.1	0.0	293.3	300.9	-39.6	19870806	
10	5	BIG LOST BLW MUNSEY DIV		JUN 17	1022.4	160.0	298.5	0.0	-138.5	0.0	30.4	30.4	-60.3	19870806	
11	6	BIG LOST NR ARCO		JUN 17	1017.4	155.0	293.5	0.0	-138.5	0.0	0.0	0.0	-5.0	19870806	
12															
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED								TOTALS		724.	733.	1017.		
14															
15															
16															
17	RESERVOIR		PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR		RIGHT	STORED		
18			(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)				(AF)	(AF)		
19															
20	1 MACKAY		44880.0	45000.0	60.5	15.3	45305.2	749.5	1	MACKAY		556.5	304.6		
21									2	MACKAY		294.0	161.8		
22									3	MACKAY		556.5	304.6		
23									4	MACKAY		1113.0	609.4		
24									5	MACKAY		140.0	74.0		
25									6	MACKAY		20646.0	20646.0		
26									7	MACKAY		17205.0	17205.0		
27									8	MACKAY		6000.0	6000.0		
28															
29	TOTAL											46511.0	45305.2		
30															
31			CHANGE IN	AF USED	STORAGE	ARCO	TOTAL	UNACCT							
32			CONTENT	ABOVE	USED	STORED	STORED	STORED							
33															
34	YEAR-TO-DATE AF		13730.0	903.4	368.5	706.0	13905.5	3535.1							
35															
36															
37															
38			CFS	CFS	AF				CFS	CFS	AF	CFS	CFS	AF	
39	DIVERSION		DIVN	STOR	USED	DIVERSION			DIVN	STOR	USED	DIVERSION	DIVN	STOR	USED
40															
41	1	Sorensen	0.0	0.0	0.0	30	Zollinger/No Tel	6.4	0.0	0.0	59	6X Ranch Pump	0.0	0.0	6.8
42	2	HOWELL	2.0	0.0	1.2	31	Churn Dasher Ran	1.6	0.0	0.0	60	6X Ranch Navarre	1.9	0.0	0.0
43	3	KENT	1.8	0.0	0.8	32	No Tellum 1	2.0	0.0	0.0	61	Gates/Woods 3	0.0	0.0	0.0
44	4	BRADSHAW	0.0	0.0	0.0	33	No Tellum 2	1.0	0.0	0.0	62	6X Ranch 3	0.0	0.0	0.0
45	5	BITTON	3.2	0.0	0.0	34	No Tellum 3	2.0	0.0	0.0	63	6X Ranch 4	0.0	0.0	0.0
46	6	Anderson	6.8	0.2	179.9	35	Gates/Woods 1	0.0	0.0	0.0	64	MACKAY DAM	0.0	0.0	0.0
47	7	Thalman Hunter D	4.8	0.0	0.0	36	Gates/Woods 2	0.0	0.0	0.0	65	SHARP	11.9	0.0	46.8
48	8	Johnson/Hatmaker	0.0	0.0	0.0	37	No Tellum 4	0.0	0.0	0.0					
49	9	NEILSEN	39.2	0.0	203.6	38	No Tellum 5	0.0	0.0	0.0	67	SWAUGER	25.3	0.0	0.0
50	10	Bradshaw 2	0.0	0.0	0.0	39	Gates/Woods/6X R	0.0	0.0	0.0	68	MARINAC	0.0	0.0	0.0
51	11	CHILLY	75.2	7.9	226.3	40	Smith Pumps*	3.0	0.0	85.8	69	DARLINGTON	34.0	0.0	0.0
52	12	INGRAM	0.0	0.0	0.0	41	Freeman/Kent*	0.0	0.0	0.0	70	BURNETT	99.0	0.0	0.0
53	13	Cherian	0.0	0.0	1.4	42	Broken River Pum	0.0	0.0	0.0	71	SUTTER	8.0	0.0	0.0
54	14	LONGHURST	28.0	0.0	0.0	43	Broken River Dit	0.0	0.0	0.6	72	ANGELO	6.0	5.3	10.5
55	15	Mtn. Springs 3	0.4	0.0	0.0	44	Freeman 2*	0.0	0.0	0.0	73	BECK	15.6	0.0	0.0
56	16	Donahue 1	2.2	1.3	95.9	45	Freeman 3*	0.0	0.0	0.0	74	PEHRSON	2.6	0.0	0.0
57	17	Zollinger 1	1.6	0.0	0.0	46	Freeman/Hill Pum	0.0	0.0	0.0	75	LOW BURNETT	4.1	0.0	0.0
58	18	Zollinger 3	1.0	0.0	29.7	47	6X Ranch 5	2.4	0.0	8.7	76	3IN1	37.5	0.0	0.0
59	19	Pence Diversion	1.2	0.0	0.0	48	Johnson/Navarro	3.2	0.0	10.4	77	B&J	8.2	0.0	0.0
60	20	Unger	0.0	0.0	0.0	49	6X Ranch 6	0.0	0.0	0.0	78	MOORE	130.0	0.0	0.8

21	6X Ranch 1	3.2	0.0	0.0	50	Stoecklein 3*	0.0	0.0	0.0	79	EASTSIDE	102.9	7.6	45.2	
22	Mtn. Springs 1	3.3	0.0	0.0	51	Upper Fish Hatch	4.9	0.0	2.7	80	ARCO	23.4	0.0	0.0	
23	Mtn. Springs 4	0.0	0.0	0.0	52	Freeman Ditch	0.0	0.0	0.0	81	MUNSEY	7.0	0.0	312.0	
1	24 Mtn. Springs 2	1.1	0.0	0.0	53	Stoecklein 1	1.0	0.0	0.0	82	MILLER	0.0	0.0	0.0	1
2	25 Donahue 2	1.0	0.0	0.0	54	Stoecklein 2	1.0	0.0	0.0	83	MCLAUGHLIN	0.0	0.0	0.0	2
3	26 Simmons	1.1	0.0	0.0	55	Stoecklein 4	0.0	0.0	0.0	84	FOLKMAN PUMP	0.0	0.0	0.0	3
4	27 Donahue 4	0.0	0.0	0.0	56	Shoupe Ditch*	3.2	0.0	2.8	85	HUGGINS PUMP	0.0	0.0	0.0	4
5	28 Donahue 3	0.0	0.0	0.0	57	Gates Pump 1	0.0	0.0	0.0	86	QUIST PUMP #1	0.0	0.0	0.0	5
6	29 Zollinger 2	0.7	0.0	0.0	58	Gates Pump 2	0.0	0.0	0.0						6
7															7
8	(1) BITTON USE COMBINED WITH KENT DITCH														8
9															9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1														10
11															11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON														12
13															13
14	(4) SIMMONS USE COMBINED WITH NEILSEN														14
15															15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY														16
17															17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3														18
19															19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2														20
21															21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3														22
23															23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE														24
25															25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1														26
27															27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH														28
29															29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT														30
31															31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH														32
33															33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5														34
35															35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2														36
37															37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP														38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION														39
40															40
41															41
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59															59
60															60
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1	REACH LOSS DATA - JUN 17, 2009												1
2													2
3													3
4	REACH		ACTUAL DATE	TOTAL GAIN	STORAGE GAIN								4
5													5
6													6
7	8	BIG LOST AT HOWELL	JUN 14	1452.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUN 15	-7.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUN 15	-15.	0.								9
10	2	BIG LOST AT LESLIE	JUN 15	-310.	0.								10
11	3	BIG LOST BLW MOORE DIV	JUN 16	-40.	0.								11
12	5	BIG LOST BLW MUNSEY DIV	JUN 17	-60.	0.								12
13	6	BIG LOST NR ARCO	JUN 17	-5.	0.								13
14													14
15													15
16	RECHARGE DELIVERY ESTIMATES FOR ACCOUNTING DAY												16
17	ESTIMATED RECHARGE QUANTITIES:												17
18	ABV MACKAY DAM: 19. AF												18
19	BLW MAKCAY DAM: 30. AF												19
20	ESTIMATED EXCESS DIVERSIONS AND STORAGE DIVERSIONS:												20
21	EXCESS ABV DAM: 0. AF												21
22	STORAGE BLW DAM: 0. AF												22
23													23
24	TOTAL RCHRG YTD		644.										24
25													25
26													26
27													27
28													28
29													29
30	EXCHANGE PUMP DATA - JUN 17, 2009												30
31													31
32	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	32
33													33
34	1	Neilsen injectio	9.	960.7	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	34
35	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	35
36	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	36
37	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	37
38	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					38
39													39
40													40
41													41
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60													60
61													61

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) JUN 18, 2009

20091110

1														1
2	REACH FLOWS IN CFS			ACTUAL	NATURAL	ACTUAL RMAINING		EXCHANGE	STORED	RESRVOIR	NATURAL	TOTAL	REACH	2
3				DATE	FLOW	FLOW	NAT FLOW	FLOW	FLOW	EVAP	FLOW	DIV	RCH DIV	GAIN LAST RIGHT
4														3
5	8	BIG LOST AT HOWELL	JUN 15	1451.8	1450.0	1450.0	0.0	0.0	0.0	1.8	1.8	1451.8	19870806	5
6	7	BIG LOST ABV MACKAY RES *	JUN 16	1407.2	1205.2	1205.4	9.2	-0.2	0.0	200.0	209.4	-44.6	19870806	6
7	1	BIG LOST BLW MACKAY RES	JUN 16	1392.8	1230.0	1163.8	0.0	66.2	10.4	27.2	11.9	-14.4	19870806	7
8	2	BIG LOST AT LESLIE	JUN 16	1066.7	691.0	664.9	0.0	26.1	0.0	172.8	181.9	-326.0	19870806	8
9	3	BIG LOST BLW MOORE DIV	JUN 17	1001.5	267.1	308.2	0.0	-41.1	0.0	291.4	299.0	-65.2	19870806	9
10	5	BIG LOST BLW MUNSEY DIV	JUN 18	946.5	178.0	223.9	0.0	-45.9	0.0	29.4	29.4	-55.0	19870806	10
11	6	BIG LOST NR ARCO	JUN 18	941.5	173.0	218.9	0.0	-45.9	0.0	0.0	0.0	-5.0	19870806	11
12														12
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED									TOTALS	723.	733.	942.	13
14														14
15														15
16														16
17	RESERVOIR	PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR			RIGHT	STORED	17
18		(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)					(AF)	(AF)	18
19	1 MACKAY	45000.0	44880.0	-60.5	15.3	45335.6	770.0	1	MACKAY			556.5	310.9	19
20								2	MACKAY			294.0	165.1	20
21								3	MACKAY			556.5	310.9	21
22								4	MACKAY			1113.0	622.0	22
23								5	MACKAY			140.0	75.5	23
24								6	MACKAY			20646.0	20646.0	24
25								7	MACKAY			17205.0	17205.0	25
26								8	MACKAY			6000.0	6000.0	26
27														27
28														28
29									TOTAL			46511.0	45335.6	29
30														30
31		CHANGE IN	AF USED	STORAGE	ARCO	TOTAL	UNACCT							31
32		CONTENT	ABOVE	USED	STORED	STORED	STORED							32
33														33
34	YEAR-TO-DATE AF	13610.0	922.0	397.4	706.0	13935.9	3626.1							34
35														35
36														36
37														37
38		CFS	CFS	AF		CFS	CFS	AF		CFS	CFS	AF		38
39	DIVERSION	DIVN	STOR	USED	DIVERSION	DIVN	STOR	USED	DIVERSION	DIVN	STOR	USED		39
40														40
41	1 Sorensen	0.0	0.0	0.0	30 Zollinger/No Tel	6.4	0.0	0.0	59 6X Ranch Pump	0.0	0.0	6.8		41
42	2 HOWELL	1.8	0.0	1.2	31 Churn Dasher Ran	1.6	0.0	0.0	60 6X Ranch Navarre	1.9	0.0	0.0		42
43	3 KENT	1.8	0.0	0.8	32 No Tellum 1	2.0	0.0	0.0	61 Gates/Woods 3	0.0	0.0	0.0		43
44	4 BRADSHAW	0.0	0.0	0.0	33 No Tellum 2	1.0	0.0	0.0	62 6X Ranch 3	0.0	0.0	0.0		44
45	5 BITTON	3.2	0.0	0.0	34 No Tellum 3	2.0	0.0	0.0	63 6X Ranch 4	0.0	0.0	0.0		45
46	6 Anderson	6.8	0.2	180.4	35 Gates/Woods 1	0.0	0.0	0.0	64 MACKAY DAM	0.0	0.0	0.0		46
47	7 Thalman Hunter D	4.8	0.0	0.0	36 Gates/Woods 2	0.0	0.0	0.0	65 SHARP	11.9	0.0	46.8		47
48	8 Johnson/Hatmaker	0.0	0.0	0.0	37 No Tellum 4	0.0	0.0	0.0						48
49	9 NEILSEN	39.2	0.0	203.6	38 No Tellum 5	0.0	0.0	0.0	67 SWAUGER	25.3	0.0	0.0		49
50	10 Bradshaw 2	0.0	0.0	0.0	39 Gates/Woods/6X R	0.0	0.0	0.0	68 MARINAC	0.0	0.0	0.0		50
51	11 CHILLY	75.2	7.9	241.9	40 Smith Pumps*	3.0	0.0	85.8	69 DARLINGTON	34.0	0.0	0.0		51
52	12 INGRAM	0.0	0.0	0.0	41 Freeman/Kent*	0.0	0.0	0.0	70 BURNETT	99.0	0.0	0.0		52
53	13 Cherian	0.0	0.0	1.4	42 Broken River Pum	0.0	0.0	0.0	71 SUTTER	11.6	1.7	3.3		53
54	14 LONGHURST	28.0	0.0	0.0	43 Broken River Dit	0.0	0.0	0.6	72 ANGELO	6.0	5.3	20.9		54
55	15 Mtn. Springs 3	0.4	0.0	0.0	44 Freeman 2*	0.0	0.0	0.0	73 BECK	15.6	0.0	0.0		55
56	16 Donahue 1	2.2	1.3	98.5	45 Freeman 3*	0.0	0.0	0.0	74 PEHRSON	2.6	0.0	0.0		56
57	17 Zollinger 1	1.6	0.0	0.0	46 Freeman/Hill Pum	0.0	0.0	0.0	75 LOW BURNETT	3.6	0.0	0.0		57
58	18 Zollinger 3	1.0	0.0	29.7	47 6X Ranch 5	2.4	0.0	8.7	76 3IN1	35.1	0.0	0.0		58
59	19 Pence Diversion	1.2	0.0	0.0	48 Johnson/Navarro	3.2	0.0	10.4	77 B&J	8.2	0.0	0.0		59
60	20 Unger	0.0	0.0	0.0	49 6X Ranch 6	0.0	0.0	0.0	78 MOORE	131.0	0.0	0.8		60

21	6X Ranch 1	3.2	0.0	0.0	50	Stoecklein 3*	0.0	0.0	0.0	79	EASTSIDE	102.9	7.6	60.3	
22	Mtn. Springs 1	3.3	0.0	0.0	51	Upper Fish Hatch	4.9	0.0	2.7	80	ARCO	23.4	0.0	0.0	
23	Mtn. Springs 4	0.0	0.0	0.0	52	Freeman Ditch	0.0	0.0	0.0	81	MUNSEY	6.0	0.0	312.0	
1	24 Mtn. Springs 2	1.1	0.0	0.0	53	Stoecklein 1	1.0	0.0	0.0	82	MILLER	0.0	0.0	0.0	1
2	25 Donahue 2	1.0	0.0	0.0	54	Stoecklein 2	1.0	0.0	0.0	83	MCLAUGHLIN	0.0	0.0	0.0	2
3	26 Simmons	1.1	0.0	0.0	55	Stoecklein 4	0.0	0.0	0.0	84	FOLKMAN PUMP	0.0	0.0	0.0	3
4	27 Donahue 4	0.0	0.0	0.0	56	Shoupe Ditch*	3.2	0.0	2.8	85	HUGGINS PUMP	0.0	0.0	0.0	4
5	28 Donahue 3	0.0	0.0	0.0	57	Gates Pump 1	0.0	0.0	0.0	86	QUIST PUMP #1	0.0	0.0	0.0	5
6	29 Zollinger 2	0.7	0.0	0.0	58	Gates Pump 2	0.0	0.0	0.0						6
7															7
8	(1) BITTON USE COMBINED WITH KENT DITCH														8
9															9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1														10
11															11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON														12
13															13
14	(4) SIMMONS USE COMBINED WITH NEILSEN														14
15															15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY														16
17															17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3														18
19															19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2														20
21															21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3														22
23															23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE														24
25															25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1														26
27															27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH														28
29															29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT														30
31															31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH														32
33															33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5														34
35															35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2														36
37															37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP														38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION														39
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1													1			
2	REACH LOSS DATA - JUN 18, 2009												2			
3													3			
4					ACTUAL	TOTAL		STORAGE				4				
5	REACH				DATE	GAIN		GAIN				5				
6													6			
7	8	BIG LOST AT HOWELL			JUN 15	1452.			0.				7			
8	7	BIG LOST ABV MACKAY RES			JUN 16	-45.			0.				8			
9	1	BIG LOST BLW MACKAY RES			JUN 16	-14.			0.				9			
10	2	BIG LOST AT LESLIE			JUN 16	-326.			18.				10			
11	3	BIG LOST BLW MOORE DIV			JUN 17	-65.			2.				11			
12	5	BIG LOST BLW MUNSEY DIV			JUN 18	-55.			0.				12			
13	6	BIG LOST NR ARCO			JUN 18	-5.			0.				13			
14													14			
15													15			
16	RECHARGE DELIVERY ESTIMATES FOR ACCOUNTING DAY												16			
17	ESTIMATED RECHARGE QUANTITIES:												17			
18	ABV MACKAY DAM: 19. AF												18			
19	BLW MAKCAY DAM: 33. AF												19			
20	ESTIMATED EXCESS DIVERSIONS AND STORAGE DIVERSIONS:												20			
21	EXCESS ABV DAM: 0. AF												21			
22	STORAGE BLW DAM: 0. AF												22			
23													23			
24	TOTAL RCHRG YTD 696.												24			
25													25			
26													26			
27													27			
28													28			
29													29			
30	EXCHANGE PUMP DATA - JUN 18, 2009												30			
31													31			
32	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	32			
33													33			
34	1	Neilsen injectio		9.	978.9	6	POTTER EXCHANGE		0.	0.0	11	ISOM 2 EXCHANGE		0.	200.0	34
35	2	JM SMITH EXCHANG		0.	0.0	7	JENSEN EXCHANGE		0.	0.0	12	QUIST EXCHANGE P		0.	0.0	35
36	3	L SMITH EXCHANGE		0.	0.0	8	ISOM 1 EXCHANGE		0.	200.0	13	SCHUREMAN EXCHAN		0.	0.0	36
37	4	PEHRSON EXCHANGE		0.	0.0	9	PARKINSON EXCHAN		0.	0.0	14	RASMUSSEN EXCHAN		0.	0.0	37
38	5	FOLKMAN EXCHANGE		0.	83.1	10	MCDONALD EXCHANG		0.	0.0					38	
39													39			
40													40			
41													41			
42													42			
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WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) JUN 19, 2009

20091110

1	WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (V2.0FC) JUN 19, 2009													20091110			
2	REACH FLOWS IN CFS			ACTUAL	NATURAL	ACTUAL RMAINING	EXCHANGE	STORED	RESRVOIR	NATURAL	TOTAL	REACH					
3				DATE	FLOW	FLOW NAT FLOW	FLOW	FLOW	EVAP	FLOW DIV	RCH DIV	GAIN LAST RIGHT					
4																	
5	8	BIG LOST AT HOWELL		JUN 16	1501.8	1500.0	1500.0	0.0	0.0	0.0	1.8	1.8	1501.8	19870806			
6	7	BIG LOST ABV MACKAY RES *		JUN 17	1379.9	1176.5	1173.3	13.2	3.2	0.0	204.8	214.8	-121.9	19870806			
7	1	BIG LOST BLW MACKAY RES		JUN 17	1366.0	1230.0	1132.2	0.0	97.8	6.9	27.2	11.9	-13.9	19870806			
8	2	BIG LOST AT LESLIE		JUN 17	1051.7	726.0	645.0	0.0	81.0	0.0	172.8	181.9	-314.3	19870806			
9	3	BIG LOST BLW MOORE DIV		JUN 18	963.9	287.1	253.1	0.0	34.0	0.0	304.2	311.8	-87.8	19870806			
10	5	BIG LOST BLW MUNSEY DIV		JUN 19	897.5	174.0	157.2	0.0	16.8	0.0	29.4	29.4	-66.5	19870806			
11	6	BIG LOST NR ARCO		JUN 19	892.5	169.0	152.2	0.0	16.8	0.0	0.0	0.0	-5.0	19870806			
12																	
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED								TOTALS		740.	752.	892.				
14																	
15																	
16																	
17	RESERVOIR		PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR		RIGHT		STORED			
18			(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)				(AF)		(AF)			
19	1 MACKAY		44880.0	44710.0	-85.7	15.3	45365.9	783.7	1	MACKAY		556.5		317.3			
20									2	MACKAY		294.0		168.5			
21									3	MACKAY		556.5		317.3			
22									4	MACKAY		1113.0		634.7			
23									5	MACKAY		140.0		77.1			
24									6	MACKAY		20646.0		20646.0			
25									7	MACKAY		17205.0		17205.0			
26									8	MACKAY		6000.0		6000.0			
27																	
28																	
29																	
30																	
31			CHANGE IN	AF USED	STORAGE	ARCO	TOTAL	UNACCT									
32			CONTENT	ABOVE	USED	STORED	STORED	STORED									
33																	
34	YEAR-TO-DATE AF		13440.0	941.9	426.2	739.2	13966.2	3626.1									
35																	
36																	
37																	
38			CFS	CFS	AF				CFS	CFS	AF						
39	DIVERSION		DIVN	STOR	USED	DIVERSION			DIVN	STOR	USED	DIVERSION					
40												CFS	CFS	AF			
41	1 Sorensen		0.0	0.0	0.0	30 Zollinger/No Tel			6.4	0.0	0.0	59 6X Ranch Pump		0.0	0.0	6.8	
42	2 HOWELL		1.8	0.0	1.2	31 Churn Dasher Ran			1.6	0.0	0.0	60 6X Ranch Navarre		1.9	0.0	0.0	
43	3 KENT		1.8	0.0	0.8	32 No Tellum 1			2.0	0.0	0.0	61 Gates/Woods 3		0.0	0.0	0.0	
44	4 BRADSHAW		0.0	0.0	0.0	33 No Tellum 2			1.0	0.0	0.0	62 6X Ranch 3		0.0	0.0	0.0	
45	5 BITTON		3.2	0.0	0.0	34 No Tellum 3			2.0	0.0	0.0	63 6X Ranch 4		0.0	0.0	0.0	
46	6 Anderson		6.8	0.2	180.9	35 Gates/Woods 1			0.0	0.0	0.0	64 MACKAY DAM		0.0	0.0	0.0	
47	7 Thalman Hunter D		4.8	0.0	0.0	36 Gates/Woods 2			0.0	0.0	0.0	65 SHARP		11.9	0.0	46.8	
48	8 Johnson/Hatmaker		0.0	0.0	0.0	37 No Tellum 4			0.0	0.0	0.0						
49	9 NEILSEN		44.0	0.0	203.6	38 No Tellum 5			0.0	0.0	0.0	67 SWAUGER		25.3	0.0	0.0	
50	10 Bradshaw 2		0.0	0.0	0.0	39 Gates/Woods/6X R			0.0	0.0	0.0	68 MARINAC		0.0	0.0	0.0	
51	11 CHILLY		75.8	8.5	258.7	40 Smith Pumps*			3.0	0.0	85.8	69 DARLINGTON		34.0	0.0	0.0	
52	12 INGRAM		0.0	0.0	0.0	41 Freeman/Kent*			0.0	0.0	0.0	70 BURNETT		99.0	0.0	0.0	
53	13 Cherian		0.0	0.0	1.4	42 Broken River Pum			0.0	0.0	0.0	71 SUTTER		11.6	1.7	6.6	
54	14 LONGHURST		28.0	0.0	0.0	43 Broken River Dit			0.0	0.0	0.6	72 ANGELO		6.0	5.3	31.4	
55	15 Mtn. Springs 3		0.4	0.0	0.0	44 Freeman 2*			0.0	0.0	0.0	73 BECK		15.6	0.0	0.0	
56	16 Donahue 1		2.2	1.3	101.1	45 Freeman 3*			0.0	0.0	0.0	74 PEHRSON		2.9	0.0	0.0	
57	17 Zollinger 1		1.6	0.0	0.0	46 Freeman/Hill Pum			0.0	0.0	0.0	75 LOW BURNETT		2.6	0.0	0.0	
58	18 Zollinger 3		1.0	0.0	29.7	47 6X Ranch 5			2.4	0.0	8.7	76 3IN1		32.1	0.0	0.0	
59	19 Pence Diversion		1.2	0.0	0.0	48 Johnson/Navarro			3.2	0.0	10.4	77 B&J		7.7	0.0	0.0	
60	20 Unger		0.0	0.0	0.0	49 6X Ranch 6			0.0	0.0	0.0	78 MOORE		148.0	0.0	0.8	

21	6X Ranch 1	3.2	0.0	0.0	50	Stoecklein 3*	0.0	0.0	0.0	79	EASTSIDE	102.9	7.6	75.4	
22	Mtn. Springs 1	3.3	0.0	0.0	51	Upper Fish Hatch	4.9	0.0	2.7	80	ARCO	23.4	0.0	0.0	
23	Mtn. Springs 4	0.0	0.0	0.0	52	Freeman Ditch	0.0	0.0	0.0	81	MUNSEY	6.0	0.0	312.0	
1	24 Mtn. Springs 2	1.1	0.0	0.0	53	Stoecklein 1	1.0	0.0	0.0	82	MILLER	0.0	0.0	0.0	1
2	25 Donahue 2	1.0	0.0	0.0	54	Stoecklein 2	1.0	0.0	0.0	83	MCLAUGHLIN	0.0	0.0	0.0	2
3	26 Simmons	1.1	0.0	0.0	55	Stoecklein 4	0.0	0.0	0.0	84	FOLKMAN PUMP	0.0	0.0	0.0	3
4	27 Donahue 4	0.0	0.0	0.0	56	Shoupe Ditch*	3.2	0.0	2.8	85	HUGGINS PUMP	0.0	0.0	0.0	4
5	28 Donahue 3	0.0	0.0	0.0	57	Gates Pump 1	0.0	0.0	0.0	86	QUIST PUMP #1	0.0	0.0	0.0	5
6	29 Zollinger 2	0.7	0.0	0.0	58	Gates Pump 2	0.0	0.0	0.0						6
7															7
8	(1) BITTON USE COMBINED WITH KENT DITCH														8
9															9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1														10
11															11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON														12
13															13
14	(4) SIMMONS USE COMBINED WITH NEILSEN														14
15															15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY														16
17															17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3														18
19															19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2														20
21															21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3														22
23															23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE														24
25															25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1														26
27															27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH														28
29															29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT														30
31															31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH														32
33															33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5														34
35															35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2														36
37															37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP														38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION														39
40															40
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59															59
60															60
61															61

1													1
2	REACH LOSS DATA - JUN 19, 2009												2
3													3
4													4
5	REACH		ACTUAL	TOTAL	STORAGE								5
6			DATE	GAIN	GAIN								6
7	8	BIG LOST AT HOWELL	JUN 16	1502.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUN 17	-122.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUN 17	-14.	0.								9
10	2	BIG LOST AT LESLIE	JUN 17	-332.	26.								10
11	3	BIG LOST BLW MOORE DIV	JUN 18	-90.	10.								11
12	5	BIG LOST BLW MUNSEY DIV	JUN 19	-66.	8.								12
13	6	BIG LOST NR ARCO	JUN 19	-5.	0.								13
14													14
15													15
16	RECHARGE DELIVERY ESTIMATES FOR ACCOUNTING DAY												16
17	ESTIMATED RECHARGE QUANTITIES:												17
18	ABV MACKAY DAM: 20. AF												18
19	BLW MAKCAY DAM: 33. AF												19
20	ESTIMATED EXCESS DIVERSIONS AND STORAGE DIVERSIONS:												20
21	EXCESS ABV DAM: 0. AF												21
22	STORAGE BLW DAM: 0. AF												22
23													23
24	TOTAL RCHRG YTD		749.										24
25													25
26													26
27													27
28													28
29													29
30	EXCHANGE PUMP DATA - JUN 19, 2009												30
31													31
32	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	32
33													33
34	1	Neilsen injectio	13.	1005.1	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	34
35	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	35
36	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	36
37	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	37
38	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					38
39													39
40													40
41													41
42													42
43													43
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60													60
61													61

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) JUN 20, 2009

20091110

1	WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (V2.0FC) JUN 20, 2009													20091110	
2	REACH FLOWS IN CFS			ACTUAL	NATURAL	ACTUAL RMAINING	EXCHANGE	STORED	RESRVOIR	NATURAL	TOTAL	REACH			
3				DATE	FLOW	FLOW NAT FLOW	FLOW	FLOW	EVAP	FLOW DIV	RCH DIV	GAIN	LAST RIGHT		
4															
5	8	BIG LOST AT HOWELL		JUN 17	1501.8	1500.0	1500.0	0.0	0.0	0.0	1.8	1.8	1501.8	19870806	
6	7	BIG LOST ABV MACKAY RES *		JUN 18	1376.5	1173.1	1169.9	13.2	3.2	0.0	204.8	214.8	-125.3	19870806	
7	1	BIG LOST BLW MACKAY RES		JUN 18	1363.2	1180.0	1129.4	0.0	50.6	8.6	27.2	11.9	-13.3	19870806	
8	2	BIG LOST AT LESLIE		JUN 18	1065.3	716.0	660.1	0.0	55.9	0.0	171.3	182.4	-298.0	19870806	
9	3	BIG LOST BLW MOORE DIV		JUN 19	961.3	307.1	272.0	0.0	35.1	0.0	284.2	291.8	-103.9	19870806	
10	5	BIG LOST BLW MUNSEY DIV		JUN 20	896.0	185.0	177.2	0.0	7.8	0.0	29.4	29.4	-65.3	19870806	
11	6	BIG LOST NR ARCO		JUN 20	891.5	180.0	172.7	0.0	7.3	0.0	0.0	0.0	-4.5	19870806	
12															
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED								TOTALS		719.	732.	891.		
14															
15															
16															
17	RESERVOIR		PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR		RIGHT	STORED		
18			(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)				(AF)	(AF)		
19	1 MACKAY		44710.0	44630.0	-40.3	15.3	45396.3	800.7	1	MACKAY		556.5	323.6		
20									2	MACKAY		294.0	171.9		
21									3	MACKAY		556.5	323.6		
22									4	MACKAY		1113.0	647.4		
23									5	MACKAY		140.0	78.7		
24									6	MACKAY		20646.0	20646.0		
25									7	MACKAY		17205.0	17205.0		
26									8	MACKAY		6000.0	6000.0		
27									TOTAL		46511.0	45396.3			
28															
29															
30															
31			CHANGE IN	AF USED	STORAGE	ARCO	TOTAL	UNACCT							
32			CONTENT	ABOVE	USED	STORED	STORED	STORED							
33															
34	YEAR-TO-DATE AF		13360.0	961.7	459.1	753.6	13996.6	3626.1							
35															
36															
37															
38			CFS	CFS	AF				CFS	CFS	AF	CFS	CFS	AF	
39	DIVERSION		DIVN	STOR	USED	DIVERSION			DIVN	STOR	USED	DIVN	STOR	USED	
40															
41	1	Sorensen	0.0	0.0	0.0	30	Zollinger/No Tel	6.4	0.0	0.0	59	6X Ranch Pump	0.0	0.0	6.8
42	2	HOWELL	1.8	0.0	1.2	31	Churn Dasher Ran	1.6	0.0	0.0	60	6X Ranch Navarre	1.9	0.0	0.0
43	3	KENT	1.8	0.0	0.8	32	No Tellum 1	2.0	0.0	0.0	61	Gates/Woods 3	0.0	0.0	0.0
44	4	BRADSHAW	0.0	0.0	0.0	33	No Tellum 2	1.0	0.0	0.0	62	6X Ranch 3	0.0	0.0	0.0
45	5	BITTON	3.2	0.0	0.0	34	No Tellum 3	2.0	0.0	0.0	63	6X Ranch 4	0.0	0.0	0.0
46	6	Anderson	6.8	0.2	181.4	35	Gates/Woods 1	0.0	0.0	0.0	64	MACKAY DAM	0.0	0.0	0.0
47	7	Thalman Hunter D	4.8	0.0	0.0	36	Gates/Woods 2	0.0	0.0	0.0	65	SHARP	11.9	0.0	46.8
48	8	Johnson/Hatmaker	0.0	0.0	0.0	37	No Tellum 4	0.0	0.0	0.0					
49	9	NEILSEN	44.0	0.0	203.6	38	No Tellum 5	0.0	0.0	0.0	67	SWAUGER	24.8	0.0	0.0
50	10	Bradshaw 2	0.0	0.0	0.0	39	Gates/Woods/6X R	0.0	0.0	0.0	68	MARINAC	0.0	0.0	0.0
51	11	CHILLY	75.8	8.5	275.4	40	Smith Pumps*	3.0	0.0	85.8	69	DARLINGTON	34.0	0.0	0.0
52	12	INGRAM	0.0	0.0	0.0	41	Freeman/Kent*	0.0	0.0	0.0	70	BURNETT	98.0	0.0	0.0
53	13	Cherian	0.0	0.0	1.4	42	Broken River Pum	0.0	0.0	0.0	71	SUTTER	13.0	3.1	12.7
54	14	LONGHURST	28.0	0.0	0.0	43	Broken River Dit	0.0	0.0	0.6	72	ANGELO	6.6	5.9	43.1
55	15	Mtn. Springs 3	0.4	0.0	0.0	44	Freeman 2*	0.0	0.0	0.0	73	BECK	15.6	0.0	0.0
56	16	Donahue 1	2.2	1.3	103.8	45	Freeman 3*	0.0	0.0	0.0	74	PEHRSON	2.9	0.0	0.0
57	17	Zollinger 1	1.6	0.0	0.0	46	Freeman/Hill Pum	0.0	0.0	0.0	75	LOW BURNETT	2.6	0.0	0.0
58	18	Zollinger 3	1.0	0.0	29.7	47	6X Ranch 5	2.4	0.0	8.7	76	3IN1	32.1	0.0	0.0
59	19	Pence Diversion	1.2	0.0	0.0	48	Johnson/Navarro	3.2	0.0	10.4	77	B&J	7.7	0.0	0.0
60	20	Unger	0.0	0.0	0.0	49	6X Ranch 6	0.0	0.0	0.0	78	MOORE	128.0	0.0	0.8

21	6X Ranch 1	3.2	0.0	0.0	50	Stoecklein 3*	0.0	0.0	0.0	79	EASTSIDE	102.9	7.6	90.5	
22	Mtn. Springs 1	3.3	0.0	0.0	51	Upper Fish Hatch	4.9	0.0	2.7	80	ARCO	23.4	0.0	0.0	
23	Mtn. Springs 4	0.0	0.0	0.0	52	Freeman Ditch	0.0	0.0	0.0	81	MUNSEY	6.0	0.0	312.0	
1	24 Mtn. Springs 2	1.1	0.0	0.0	53	Stoecklein 1	1.0	0.0	0.0	82	MILLER	0.0	0.0	0.0	1
2	25 Donahue 2	1.0	0.0	0.0	54	Stoecklein 2	1.0	0.0	0.0	83	MCLAUGHLIN	0.0	0.0	0.0	2
3	26 Simmons	1.1	0.0	0.0	55	Stoecklein 4	0.0	0.0	0.0	84	FOLKMAN PUMP	0.0	0.0	0.0	3
4	27 Donahue 4	0.0	0.0	0.0	56	Shoupe Ditch*	3.2	0.0	2.8	85	HUGGINS PUMP	0.0	0.0	0.0	4
5	28 Donahue 3	0.0	0.0	0.0	57	Gates Pump 1	0.0	0.0	0.0	86	QUIST PUMP #1	0.0	0.0	0.0	5
6	29 Zollinger 2	0.7	0.0	0.0	58	Gates Pump 2	0.0	0.0	0.0						6
7															7
8	(1) BITTON USE COMBINED WITH KENT DITCH														8
9															9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1														10
11															11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON														12
13															13
14	(4) SIMMONS USE COMBINED WITH NEILSEN														14
15															15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY														16
17															17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3														18
19															19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2														20
21															21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3														22
23															23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE														24
25															25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1														26
27															27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH														28
29															29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT														30
31															31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH														32
33															33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5														34
35															35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2														36
37															37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP														38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION														39
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57															57
58															58
59															59
60															60
61															61

1	REACH LOSS DATA - JUN 20, 2009												1
2													2
3													3
4													4
5	REACH		ACTUAL	TOTAL	STORAGE								5
6			DATE	GAIN	GAIN								6
7	8	BIG LOST AT HOWELL	JUN 17	1502.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUN 18	-125.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUN 18	-13.	0.								9
10	2	BIG LOST AT LESLIE	JUN 18	-324.	14.								10
11	3	BIG LOST BLW MOORE DIV	JUN 19	-114.	9.								11
12	5	BIG LOST BLW MUNSEY DIV	JUN 20	-73.	8.								12
13	6	BIG LOST NR ARCO	JUN 20	-5.	0.								13
14													14
15													15
16	RECHARGE DELIVERY ESTIMATES FOR ACCOUNTING DAY												16
17	ESTIMATED RECHARGE QUANTITIES:												17
18	ABV MACKAY DAM: 20. AF												18
19	BLW MAKCAY DAM: 37. AF												19
20	ESTIMATED EXCESS DIVERSIONS AND STORAGE DIVERSIONS:												20
21	EXCESS ABV DAM: 0. AF												21
22	STORAGE BLW DAM: 0. AF												22
23													23
24	TOTAL RCHRG YTD		806.										24
25													25
26													26
27													27
28													28
29													29
30	EXCHANGE PUMP DATA - JUN 20, 2009												30
31													31
32	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	32
33													33
34	1	Neilsen injectio	13.	1031.3	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	34
35	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	35
36	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	36
37	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	37
38	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					38
39													39
40													40
41													41
42													42
43													43
44													44
45													45
46													46
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51													51
52													52
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56													56
57													57
58													58
59													59
60													60
61													61

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) JUN 21, 2009

20091110

1														1					
2	REACH FLOWS IN CFS				ACTUAL	NATURAL	ACTUAL RMAINING		EXCHANGE	STORED	RESRVOIR	NATURAL	TOTAL	REACH	2				
3					DATE	FLOW	FLOW	NAT FLOW	FLOW	FLOW	EVAP	FLOW	DIV	RCH DIV	GAIN LAST RIGHT	3			
4															4				
5	8	BIG	LOST	AT	HOWELL	JUN 18	1511.8	1510.0	1510.0	0.0	0.0	0.0	1.8	1.8	1511.8	19870806	5		
6	7	BIG	LOST	ABV	MACKAY RES	* JUN 19	1377.1	1173.9	1171.0	13.2	3.0	0.0	204.3	214.5	-134.7	19870806	6		
7	1	BIG	LOST	BLW	MACKAY RES	JUN 19	1363.2	1160.0	1129.8	0.0	30.2	11.2	27.2	11.9	-13.9	19870806	7		
8	2	BIG	LOST	AT	LESLIE	JUN 19	1065.3	688.0	657.4	0.0	30.6	0.0	174.5	185.6	-297.9	19870806	8		
9	3	BIG	LOST	BLW	MOORE DIV	JUN 20	963.6	327.1	275.6	0.0	51.5	0.0	280.2	287.8	-101.6	19870806	9		
10	5	BIG	LOST	BLW	MUNSEY DIV	JUN 21	898.8	241.0	181.4	0.0	59.6	0.0	29.4	29.4	-64.8	19870806	10		
11	6	BIG	LOST	NR	ARCO	JUN 21	894.3	237.0	176.8	0.0	60.2	0.0	0.0	0.0	-4.5	19870806	11		
12															12				
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED										TOTALS	717.	731.	894.	13				
14															14				
15															15				
16															16				
17	RESERVOIR		PREV	CONT	CURR	CONT	CHNG	CONT	ACC	STOR	TOTL	STOR	TOTL	EVP	PRIORITY	RESERVOIR	RIGHT	STORED	17
18			(AF)	(AF)	(AF)	(CFS)	(CFS)	(CFS)	(CFS)	(AF)	(AF)	(AF)	(AF)	(AF)			(AF)	(AF)	18
19	1 MACKAY		44630.0	44580.0		-25.2		15.3	45426.6	822.9					1	MACKAY	556.5	330.0	19
20															2	MACKAY	294.0	175.3	20
21															3	MACKAY	556.5	330.0	21
22															4	MACKAY	1113.0	660.1	22
23															5	MACKAY	140.0	80.3	23
24															6	MACKAY	20646.0	20646.0	24
25															7	MACKAY	17205.0	17205.0	25
26															8	MACKAY	6000.0	6000.0	26
27																		27	
28															TOTAL		46511.0	45426.6	28
29																		29	
30																		30	
31			CHANGE IN	AF USED	STORAGE	ARCO	TOTAL	UNACCT											31
32			CONTENT	ABOVE	USED	STORED	STORED	STORED											32
33																			33
34	YEAR-TO-DATE AF		13310.0	982.0	491.9	873.0	14026.9	3626.1											34
35																			35
36																			36
37																			37
38			CFS	CFS	AF				CFS	CFS	AF				CFS	CFS	AF	38	
39	DIVERSION		DIVN	STOR	USED	DIVERSION			DIVN	STOR	USED	DIVERSION			DIVN	STOR	USED	39	
40																		40	
41	1 Sorensen		0.0	0.0	0.0	30 Zollinger/No Tel			6.4	0.0	0.0	59 6X Ranch Pump			0.0	0.0	6.8	41	
42	2 HOWELL		1.8	0.0	1.2	31 Churn Dasher Ran			1.6	0.0	0.0	60 6X Ranch Navarre			1.9	0.0	0.0	42	
43	3 KENT		1.8	0.0	0.8	32 No Tellum 1			2.0	0.0	0.0	61 Gates/Woods 3			0.0	0.0	0.0	43	
44	4 BRADSHAW		0.0	0.0	0.0	33 No Tellum 2			1.0	0.0	0.0	62 6X Ranch 3			0.0	0.0	0.0	44	
45	5 BITTON		3.2	0.0	0.0	34 No Tellum 3			2.0	0.0	0.0	63 6X Ranch 4			0.0	0.0	0.0	45	
46	6 Anderson		6.8	0.2	181.8	35 Gates/Woods 1			0.0	0.0	0.0	64 MACKAY DAM			0.0	0.0	0.0	46	
47	7 Thalman Hunter D		4.8	0.0	0.0	36 Gates/Woods 2			0.0	0.0	0.0	65 SHARP			11.9	0.0	46.8	47	
48	8 Johnson/Hatmaker		0.0	0.0	0.0	37 No Tellum 4			0.0	0.0	0.0							48	
49	9 NEILSEN		44.0	0.0	203.6	38 No Tellum 5			0.0	0.0	0.0	67 SWAUGER			28.0	0.0	0.0	49	
50	10 Bradshaw 2		0.0	0.0	0.0	39 Gates/Woods/6X R			0.0	0.0	0.0	68 MARINAC			0.0	0.0	0.0	50	
51	11 CHILLY		76.0	8.7	292.6	40 Smith Pumps*			3.0	0.0	85.8	69 DARLINGTON			34.0	0.0	0.0	51	
52	12 INGRAM		0.0	0.0	0.0	41 Freeman/Kent*			0.0	0.0	0.0	70 BURNETT			98.0	0.0	0.0	52	
53	13 Cherian		0.0	0.0	1.4	42 Broken River Pum			0.0	0.0	0.0	71 SUTTER			13.0	3.1	18.8	53	
54	14 LONGHURST		28.0	0.0	0.0	43 Broken River Dit			0.0	0.0	0.6	72 ANGELO			6.6	5.9	54.7	54	
55	15 Mtn. Springs 3		0.4	0.0	0.0	44 Freeman 2*			0.0	0.0	0.0	73 BECK			15.6	0.0	0.0	55	
56	16 Donahue 1		2.2	1.3	106.4	45 Freeman 3*			0.0	0.0	0.0	74 PEHRSON			2.9	0.0	0.0	56	
57	17 Zollinger 1		1.6	0.0	0.0	46 Freeman/Hill Pum			0.0	0.0	0.0	75 LOW BURNETT			2.6	0.0	0.0	57	
58	18 Zollinger 3		1.0	0.0	29.7	47 6X Ranch 5			2.4	0.0	8.7	76 3IN1			32.1	0.0	0.0	58	
59	19 Pence Diversion		1.2	0.0	0.0	48 Johnson/Navarro			3.2	0.0	10.4	77 B&J			7.7	0.0	0.0	59	
60	20 Unger		0.0	0.0	0.0	49 6X Ranch 6			0.0	0.0	0.0	78 MOORE			124.0	0.0	0.8	60	

21	6X Ranch 1	3.0	0.0	0.0	50	Stoecklein 3*	0.0	0.0	0.0	79	EASTSIDE	102.9	7.6	105.6	
22	Mtn. Springs 1	3.0	0.0	0.0	51	Upper Fish Hatch	4.9	0.0	2.7	80	ARCO	23.4	0.0	0.0	
23	Mtn. Springs 4	0.0	0.0	0.0	52	Freeman Ditch	0.0	0.0	0.0	81	MUNSEY	6.0	0.0	312.0	
1	24 Mtn. Springs 2	1.1	0.0	0.0	53	Stoecklein 1	1.0	0.0	0.0	82	MILLER	0.0	0.0	0.0	1
2	25 Donahue 2	1.0	0.0	0.0	54	Stoecklein 2	1.0	0.0	0.0	83	MCLAUGHLIN	0.0	0.0	0.0	2
3	26 Simmons	1.1	0.0	0.0	55	Stoecklein 4	0.0	0.0	0.0	84	FOLKMAN PUMP	0.0	0.0	0.0	3
4	27 Donahue 4	0.0	0.0	0.0	56	Shoupe Ditch*	3.2	0.0	2.8	85	HUGGINS PUMP	0.0	0.0	0.0	4
5	28 Donahue 3	0.0	0.0	0.0	57	Gates Pump 1	0.0	0.0	0.0	86	QUIST PUMP #1	0.0	0.0	0.0	5
6	29 Zollinger 2	0.7	0.0	0.0	58	Gates Pump 2	0.0	0.0	0.0						6
7															7
8	(1) BITTON USE COMBINED WITH KENT DITCH														8
9															9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1														10
11															11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON														12
13															13
14	(4) SIMMONS USE COMBINED WITH NEILSEN														14
15															15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY														16
17															17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3														18
19															19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2														20
21															21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3														22
23															23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE														24
25															25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1														26
27															27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH														28
29															29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT														30
31															31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH														32
33															33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5														34
35															35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2														36
37															37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP														38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION														39
40															40
41															41
42															42
43															43
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56															56
57															57
58															58
59															59
60															60
61															61

1	REACH LOSS DATA - JUN 21, 2009												1
2													2
3													3
4													4
5	REACH		ACTUAL	TOTAL	STORAGE								5
6			DATE	GAIN	GAIN								6
7	8	BIG LOST AT HOWELL	JUN 18	1512.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUN 19	-135.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUN 19	-14.	0.								9
10	2	BIG LOST AT LESLIE	JUN 19	-312.	8.								10
11	3	BIG LOST BLW MOORE DIV	JUN 20	-111.	5.								11
12	5	BIG LOST BLW MUNSEY DIV	JUN 21	-73.	12.								12
13	6	BIG LOST NR ARCO	JUN 21	-5.	1.								13
14													14
15													15
16	RECHARGE DELIVERY ESTIMATES FOR ACCOUNTING DAY												16
17	ESTIMATED RECHARGE QUANTITIES:												17
18	ABV MACKAY DAM: 20. AF												18
19	BLW MAKCAY DAM: 37. AF												19
20	ESTIMATED EXCESS DIVERSIONS AND STORAGE DIVERSIONS:												20
21	EXCESS ABV DAM: 0. AF												21
22	STORAGE BLW DAM: 0. AF												22
23													23
24	TOTAL RCHRG YTD		863.										24
25													25
26													26
27													27
28													28
29													29
30	EXCHANGE PUMP DATA - JUN 21, 2009												30
31													31
32	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	32
33													33
34	1	Neilsen injectio	13.	1057.5	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	34
35	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	35
36	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	36
37	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	37
38	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					38
39													39
40													40
41													41
42													42
43													43
44													44
45													45
46													46
47													47
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58													58
59													59
60													60
61													61

1														1		
2	REACH FLOWS IN CFS			ACTUAL	NATURAL	ACTUAL RMAINING		EXCHANGE	STORED	RESRVOIR	NATURAL	TOTAL	REACH	2		
3				DATE	FLOW	FLOW	NAT FLOW	FLOW	FLOW	EVAP	FLOW	DIV	RCH DIV	GAIN LAST RIGHT	3	
4														4		
5	8	BIG LOST AT HOWELL	JUN 19	1421.8	1420.0	1420.0	0.0	0.0	0.0	1.8	1.8	1421.8	19870806	5		
6	7	BIG LOST ABV MACKAY RES *	JUN 20	1581.7	1378.3	1375.3	13.2	3.0	0.0	204.6	214.8	159.9	19870806	6		
7	1	BIG LOST BLW MACKAY RES	JUN 20	1567.0	1330.0	1333.5	0.0	-3.5	5.1	27.2	11.9	-14.6	19870806	7		
8	2	BIG LOST AT LESLIE	JUN 20	1257.8	765.0	849.7	0.0	-84.7	0.0	174.5	185.6	-309.3	19870806	8		
9	3	BIG LOST BLW MOORE DIV	JUN 21	1146.8	338.6	474.7	0.0	-136.1	0.0	264.0	280.1	-111.0	19870806	9		
10	5	BIG LOST BLW MUNSEY DIV	JUN 22	1102.7	326.0	407.4	0.0	-81.4	0.0	23.2	23.2	-44.1	19870806	10		
11	6	BIG LOST NR ARCO	JUN 22	1099.6	323.0	404.3	0.0	-81.3	0.0	0.0	0.0	-3.1	19870806	11		
12														12		
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED								TOTALS		695.	717.	1100.	13		
14														14		
15														15		
16														16		
17	RESERVOIR	PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR			RIGHT	STORED	17		
18		(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)					(AF)	(AF)	18		
19	1	MACKAY	44580.0	44610.0	15.1	15.3	45457.0	833.1	1	MACKAY		556.5	336.3	19		
20									2	MACKAY		294.0	178.6	20		
21									3	MACKAY		556.5	336.3	21		
22									4	MACKAY		1113.0	672.8	22		
23									5	MACKAY		140.0	81.9	23		
24									6	MACKAY		20646.0	20646.0	24		
25									7	MACKAY		17205.0	17205.0	25		
26									8	MACKAY		6000.0	6000.0	26		
27														27		
28	TOTAL												46511.0	45457.0	28	
29														29		
30														30		
31		CHANGE IN	AF USED	STORAGE	ARCO	TOTAL	UNACCT								31	
32		CONTENT	ABOVE	USED	STORED	STORED	STORED								32	
33														33		
34	YEAR-TO-DATE AF	13340.0	1002.3	541.6	873.0	14057.3	3787.4								34	
35														35		
36														36		
37														37		
38		CFS	CFS	AF		CFS	CFS	AF		CFS	CFS	AF		38		
39	DIVERSION	DIVN	STOR	USED	DIVERSION	DIVN	STOR	USED	DIVERSION	DIVN	STOR	USED		39		
40														40		
41	1	Sorensen	0.0	0.0	0.0	30	Zollinger/No Tel	6.4	0.0	0.0	59	6X Ranch Pump	0.0	0.0	6.8	41
42	2	HOWELL	1.8	0.0	1.2	31	Churn Dasher Ran	1.6	0.0	0.0	60	6X Ranch Navarre	1.9	0.0	0.0	42
43	3	KENT	1.8	0.0	0.8	32	No Tellum 1	2.0	0.0	0.0	61	Gates/Woods 3	0.0	0.0	0.0	43
44	4	BRADSHAW	0.0	0.0	0.0	33	No Tellum 2	1.0	0.0	0.0	62	6X Ranch 3	0.0	0.0	0.0	44
45	5	BITTON	3.2	0.0	0.0	34	No Tellum 3	2.0	0.0	0.0	63	6X Ranch 4	0.0	0.0	0.0	45
46	6	Anderson	6.8	0.2	182.3	35	Gates/Woods 1	0.0	0.0	0.0	64	MACKAY DAM	0.0	0.0	0.0	46
47	7	Thalman Hunter D	4.8	0.0	0.0	36	Gates/Woods 2	0.0	0.0	0.0	65	SHARP	11.9	0.0	46.8	47
48	8	Johnson/Hatmaker	0.0	0.0	0.0	37	No Tellum 4	0.0	0.0	0.0						48
49	9	NEILSEN	44.0	0.0	203.6	38	No Tellum 5	0.0	0.0	0.0	67	SWAUGER	28.0	0.0	0.0	49
50	10	Bradshaw 2	0.0	0.0	0.0	39	Gates/Woods/6X R	0.0	0.0	0.0	68	MARINAC	0.0	0.0	0.0	50
51	11	CHILLY	76.0	8.7	309.7	40	Smith Pumps*	3.0	0.0	85.8	69	DARLINGTON	34.0	0.0	0.0	51
52	12	INGRAM	0.0	0.0	0.0	41	Freeman/Kent*	0.0	0.0	0.0	70	BURNETT	98.0	0.0	0.0	52
53	13	Cherian	0.2	0.0	1.4	42	Broken River Pum	0.0	0.0	0.0	71	SUTTER	13.0	3.1	24.9	53
54	14	LONGHURST	28.0	0.0	0.0	43	Broken River Dit	0.0	0.0	0.6	72	ANGELO	6.6	5.9	66.4	54
55	15	Mtn. Springs 3	0.4	0.0	0.0	44	Freeman 2*	0.0	0.0	0.0	73	BECK	15.6	0.0	0.0	55
56	16	Donahue 1	2.2	1.3	109.0	45	Freeman 3*	0.0	0.0	0.0	74	PEHRSON	2.9	0.0	0.0	56
57	17	Zollinger 1	1.6	0.0	0.0	46	Freeman/Hill Pum	0.0	0.0	0.0	75	LOW BURNETT	2.6	0.0	0.0	57
58	18	Zollinger 3	1.0	0.0	29.7	47	6X Ranch 5	2.4	0.0	8.7	76	3IN1	28.9	0.0	0.0	58
59	19	Pence Diversion	1.2	0.0	0.0	48	Johnson/Navarro	3.2	0.0	10.4	77	B&J	7.7	0.0	0.0	59
60	20	Unger	0.0	0.0	0.0	49	6X Ranch 6	0.0	0.0	0.0	78	MOORE	111.0	0.0	0.8	60

1	REACH LOSS DATA - JUN 22, 2009												1
2													2
3													3
4													4
5	REACH		ACTUAL	TOTAL	STORAGE								5
6			DATE	GAIN	GAIN								6
7	8	BIG LOST AT HOWELL	JUN 19	1422.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUN 20	160.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUN 20	-15.	0.								9
10	2	BIG LOST AT LESLIE	JUN 20	-317.	0.								10
11	3	BIG LOST BLW MOORE DIV	JUN 21	-116.	0.								11
12	5	BIG LOST BLW MUNSEY DIV	JUN 22	-56.	0.								12
13	6	BIG LOST NR ARCO	JUN 22	-4.	0.								13
14													14
15													15
16	RECHARGE DELIVERY ESTIMATES FOR ACCOUNTING DAY												16
17	ESTIMATED RECHARGE QUANTITIES:												17
18	ABV MACKAY DAM: 20. AF												18
19	BLW MAKCAY DAM: 54. AF												19
20	ESTIMATED EXCESS DIVERSIONS AND STORAGE DIVERSIONS:												20
21	EXCESS ABV DAM: 0. AF												21
22	STORAGE BLW DAM: 0. AF												22
23													23
24	TOTAL RCHRG YTD		938.										24
25													25
26													26
27													27
28													28
29													29
30	EXCHANGE PUMP DATA - JUN 22, 2009												30
31													31
32	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	32
33													33
34	1	Neilsen injectio	13.	1083.7	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	34
35	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	35
36	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	36
37	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	37
38	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					38
39													39
40													40
41													41
42													42
43													43
44													44
45													45
46													46
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21	6X Ranch 1	3.0	0.0	0.0	50	Stoecklein 3*	0.0	0.0	0.0	79	EASTSIDE	101.4	6.1	149.6	
22	Mtn. Springs 1	3.0	0.0	0.0	51	Upper Fish Hatch	4.9	0.0	2.7	80	ARCO	17.2	0.0	0.0	
23	Mtn. Springs 4	0.0	0.0	0.0	52	Freeman Ditch	0.0	0.0	0.0	81	MUNSEY	6.0	0.0	312.0	
1	24 Mtn. Springs 2	1.1	0.0	0.0	53	Stoecklein 1	1.0	0.0	0.0	82	MILLER	0.0	0.0	0.0	1
2	25 Donahue 2	1.0	0.0	0.0	54	Stoecklein 2	1.0	0.0	0.0	83	MCLAUGHLIN	0.0	0.0	0.0	2
3	26 Simmons	1.1	0.0	0.0	55	Stoecklein 4	0.0	0.0	0.0	84	FOLKMAN PUMP	0.0	0.0	0.0	3
4	27 Donahue 4	0.0	0.0	0.0	56	Shoupe Ditch*	3.2	0.0	2.8	85	HUGGINS PUMP	0.0	0.0	0.0	4
5	28 Donahue 3	0.0	0.0	0.0	57	Gates Pump 1	0.0	0.0	0.0	86	QUIST PUMP #1	0.0	0.0	0.0	5
6	29 Zollinger 2	0.7	0.0	0.0	58	Gates Pump 2	0.0	0.0	0.0						6
7															7
8	(1) BITTON USE COMBINED WITH KENT DITCH														8
9															9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1														10
11															11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON														12
13															13
14	(4) SIMMONS USE COMBINED WITH NEILSEN														14
15															15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY														16
17															17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3														18
19															19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2														20
21															21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3														22
23															23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE														24
25															25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1														26
27															27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH														28
29															29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT														30
31															31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH														32
33															33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5														34
35															35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2														36
37															37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP														38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION														39
40															40
41															41
42															42
43															43
44															44
45															45
46															46
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54															54
55															55
56															56
57															57
58															58
59															59
60															60
61															61

1	REACH LOSS DATA - JUN 23, 2009												1
2													2
3													3
4	REACH		ACTUAL DATE	TOTAL GAIN	STORAGE GAIN								4
5													5
6													6
7	8	BIG LOST AT HOWELL	JUN 20	2042.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUN 21	-75.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUN 21	-14.	0.								9
10	2	BIG LOST AT LESLIE	JUN 21	-352.	0.								10
11	3	BIG LOST BLW MOORE DIV	JUN 22	-177.	0.								11
12	5	BIG LOST BLW MUNSEY DIV	JUN 23	-31.	0.								12
13	6	BIG LOST NR ARCO	JUN 23	-4.	0.								13
14													14
15													15
16	RECHARGE DELIVERY ESTIMATES FOR ACCOUNTING DAY												16
17	ESTIMATED RECHARGE QUANTITIES:												17
18	ABV MACKAY DAM: 20. AF												18
19	BLW MAKCAY DAM: 34. AF												19
20	ESTIMATED EXCESS DIVERSIONS AND STORAGE DIVERSIONS:												20
21	EXCESS ABV DAM: 0. AF												21
22	STORAGE BLW DAM: 0. AF												22
23													23
24	TOTAL RCHRG YTD		992.										24
25													25
26													26
27													27
28													28
29													29
30	EXCHANGE PUMP DATA - JUN 23, 2009												30
31													31
32	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	32
33													33
34	1	Neilsen injectio	13.	1109.9	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	34
35	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	35
36	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	36
37	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	37
38	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					38
39													39
40													40
41													41
42													42
43													43
44													44
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46													46
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56													56
57													57
58													58
59													59
60													60
61													61

1														1		
2	REACH FLOWS IN CFS				ACTUAL	NATURAL	ACTUAL RMAINING		EXCHANGE	STORED	RESRVOIR	NATURAL	TOTAL	REACH	2	
3					DATE	FLOW	FLOW	NAT FLOW	FLOW	FLOW	EVAP	FLOW	DIV	RCH DIV	GAIN LAST RIGHT	3
4															4	
5	8	BIG LOST AT HOWELL	JUN 21	2021.8	2020.0	2020.0	0.0	0.0	0.0	1.8	1.8	2021.8	19870806	5		
6	7	BIG LOST ABV MACKAY RES *	JUN 22	1749.2	1557.5	1553.5	12.2	4.0	0.0	193.8	202.1	-272.6	19870806	6		
7	1	BIG LOST BLW MACKAY RES	JUN 22	1734.5	1590.0	1511.2	0.0	78.8	12.1	27.7	12.4	-14.7	19870806	7		
8	2	BIG LOST AT LESLIE	JUN 22	1333.9	937.0	942.1	0.0	-5.1	0.0	168.5	179.0	-400.6	19870806	8		
9	3	BIG LOST BLW MOORE DIV	JUN 23	1088.5	338.6	495.9	0.0	-157.3	0.0	200.8	206.9	-245.4	19870806	9		
10	5	BIG LOST BLW MUNSEY DIV	JUN 24	1092.3	361.0	476.5	0.0	-115.5	0.0	23.2	23.2	3.8	19870806	10		
11	6	BIG LOST NR ARCO	JUN 24	1089.1	358.0	473.3	0.0	-115.3	0.0	0.0	0.0	-3.2	19870806	11		
12															12	
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED									TOTALS	616.	625.	1089.	13		
14															14	
15															15	
16															16	
17	RESERVOIR	PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR			RIGHT	STORED	17		
18		(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)					(AF)	(AF)	18		
19	1 MACKAY	44910.0	44770.0	-70.6	15.3	45517.7	870.6	1	MACKAY			556.5	349.0	19		
20								2	MACKAY			294.0	185.4	20		
21								3	MACKAY			556.5	349.0	21		
22								4	MACKAY			1113.0	698.2	22		
23								5	MACKAY			140.0	85.1	23		
24								6	MACKAY			20646.0	20646.0	24		
25								7	MACKAY			17205.0	17205.0	25		
26								8	MACKAY			6000.0	6000.0	26		
27														27		
28														28		
29									TOTAL			46511.0	45517.7	29		
30														30		
31		CHANGE IN	AF USED	STORAGE	ARCO	TOTAL	UNACCT							31		
32		CONTENT	ABOVE	USED	STORED	STORED	STORED							32		
33														33		
34	YEAR-TO-DATE AF	13500.0	1038.9	600.1	873.0	14118.0	4833.6							34		
35														35		
36														36		
37														37		
38		CFS	CFS	AF		CFS	CFS	AF				CFS	CFS	AF	38	
39	DIVERSION	DIVN	STOR	USED	DIVERSION	DIVN	STOR	USED	DIVERSION			DIVN	STOR	USED	39	
40															40	
41	1 Sorensen	0.0	0.0	0.0	30 Zollinger/No Tel	4.1	0.0	0.0	59 6X Ranch Pump	0.0	0.0	6.8			41	
42	2 HOWELL	1.8	0.0	1.2	31 Churn Dasher Ran	2.8	0.0	0.0	60 6X Ranch Navarre	1.2	0.0	0.0			42	
43	3 KENT	2.0	0.0	0.8	32 No Tellum 1	1.2	0.0	0.0	61 Gates/Woods 3	0.0	0.0	0.0			43	
44	4 BRADSHAW	0.0	0.0	0.0	33 No Tellum 2	1.1	0.0	0.0	62 6X Ranch 3	0.0	0.0	0.0			44	
45	5 BITTON	2.4	0.0	0.0	34 No Tellum 3	2.4	0.0	0.0	63 6X Ranch 4	0.0	0.0	0.0			45	
46	6 Anderson	2.5	0.0	182.8	35 Gates/Woods 1	0.0	0.0	0.0	64 MACKAY DAM	0.0	0.0	0.0			46	
47	7 Thalman Hunter D	1.8	0.0	0.0	36 Gates/Woods 2	0.0	0.0	0.0	65 SHARP	12.4	0.0	46.8			47	
48	8 Johnson/Hatmaker	3.4	0.0	0.0	37 No Tellum 4	0.0	0.0	0.0							48	
49	9 NEILSEN	39.0	0.0	203.6	38 No Tellum 5	0.0	0.0	0.0	67 SWAUGER	26.0	0.0	0.0			49	
50	10 Bradshaw 2	0.0	0.0	0.0	39 Gates/Woods/6X R	0.0	0.0	0.0	68 MARINAC	0.0	0.0	0.0			50	
51	11 CHILLY	80.0	7.7	342.1	40 Smith Pumps*	0.0	0.0	85.8	69 DARLINGTON	28.0	0.0	0.0			51	
52	12 INGRAM	0.0	0.0	0.0	41 Freeman/Kent*	0.0	0.0	0.0	70 BURNETT	100.0	0.0	0.0			52	
53	13 Cherian	0.0	0.0	1.5	42 Broken River Pum	0.0	0.0	0.0	71 SUTTER	12.4	2.5	35.9			53	
54	14 LONGHURST	23.0	0.0	0.0	43 Broken River Dit	0.0	0.0	0.6	72 ANGELO	6.6	5.9	89.7			54	
55	15 Mtn. Springs 3	1.2	0.0	0.0	44 Freeman 2*	0.0	0.0	0.0	73 BECK	15.6	0.0	0.0			55	
56	16 Donahue 1	0.8	0.0	111.6	45 Freeman 3*	0.0	0.0	0.0	74 PEHRSON	2.1	0.0	0.0			56	
57	17 Zollinger 1	1.8	0.0	0.0	46 Freeman/Hill Pum	0.0	0.0	0.0	75 LOW BURNETT	2.6	0.0	0.0			57	
58	18 Zollinger 3	1.0	0.0	29.7	47 6X Ranch 5	0.0	0.0	8.7	76 3IN1	37.7	0.0	0.0			58	
59	19 Pence Diversion	1.2	0.0	0.0	48 Johnson/Navarro	3.4	0.2	10.7	77 B&J	5.5	0.0	0.0			59	
60	20 Unger	0.0	0.0	0.0	49 6X Ranch 6	0.0	0.0	0.0	78 MOORE	42.0	0.0	0.8			60	

21	6X Ranch 1	6.2	0.0	0.0	50	Stoecklein 3*	0.0	0.0	0.0	79	EASTSIDE	101.4	6.1	161.7	
22	Mtn. Springs 1	2.3	0.0	0.0	51	Upper Fish Hatch	5.0	0.0	2.7	80	ARCO	17.2	0.0	0.0	
23	Mtn. Springs 4	0.0	0.0	0.0	52	Freeman Ditch	0.0	0.0	0.0	81	MUNSEY	6.0	0.0	312.0	
1	24 Mtn. Springs 2	1.8	0.0	0.0	53	Stoecklein 1	1.0	0.0	0.0	82	MILLER	0.0	0.0	0.0	1
2	25 Donahue 2	1.4	0.0	0.0	54	Stoecklein 2	1.0	0.0	0.0	83	MCLAUGHLIN	0.0	0.0	0.0	2
3	26 Simmons	1.6	0.0	0.0	55	Stoecklein 4	0.0	0.0	0.0	84	FOLKMAN PUMP	0.0	0.0	0.0	3
4	27 Donahue 4	0.0	0.0	0.0	56	Shoupe Ditch*	3.6	0.4	3.6	85	HUGGINS PUMP	0.0	0.0	0.0	4
5	28 Donahue 3	0.7	0.0	0.0	57	Gates Pump 1	0.0	0.0	0.0	86	QUIST PUMP #1	0.0	0.0	0.0	5
6	29 Zollinger 2	1.2	0.0	0.0	58	Gates Pump 2	0.0	0.0	0.0						6
7															7
8	(1) BITTON USE COMBINED WITH KENT DITCH														8
9															9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1														10
11															11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON														12
13															13
14	(4) SIMMONS USE COMBINED WITH NEILSEN														14
15															15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY														16
17															17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3														18
19															19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2														20
21															21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3														22
23															23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE														24
25															25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1														26
27															27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH														28
29															29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT														30
31															31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH														32
33															33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5														34
35															35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2														36
37															37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP														38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION														39
40															40
41															41
42															42
43															43
44															44
45															45
46															46
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57															57
58															58
59															59
60															60
61															61

1	REACH LOSS DATA - JUN 24, 2009												1
2													2
3													3
4	REACH		ACTUAL DATE	TOTAL GAIN	STORAGE GAIN								4
5													5
6													6
7	8	BIG LOST AT HOWELL	JUN 21	2022.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUN 22	-273.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUN 22	-15.	0.								9
10	2	BIG LOST AT LESLIE	JUN 22	-401.	20.								10
11	3	BIG LOST BLW MOORE DIV	JUN 23	-245.	0.								11
12	5	BIG LOST BLW MUNSEY DIV	JUN 24	4.	0.								12
13	6	BIG LOST NR ARCO	JUN 24	-3.	0.								13
14													14
15													15
16	RECHARGE DELIVERY ESTIMATES FOR ACCOUNTING DAY												16
17	ESTIMATED RECHARGE QUANTITIES:												17
18	ABV MACKAY DAM: 16. AF												18
19	BLW MAKCAY DAM: 33. AF												19
20	ESTIMATED EXCESS DIVERSIONS AND STORAGE DIVERSIONS:												20
21	EXCESS ABV DAM: 0. AF												21
22	STORAGE BLW DAM: 0. AF												22
23													23
24	TOTAL RCHRG YTD		1041.										24
25													25
26													26
27													27
28													28
29													29
30	EXCHANGE PUMP DATA - JUN 24, 2009												30
31													31
32	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	32
33													33
34	1	Neilsen injectio	12.	1134.1	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	34
35	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	35
36	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	36
37	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	37
38	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					38
39													39
40													40
41													41
42													42
43													43
44													44
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56													56
57													57
58													58
59													59
60													60
61													61

1														1			
2	REACH FLOWS IN CFS				ACTUAL	NATURAL	ACTUAL RMAINING		EXCHANGE	STORED	RESRVOIR	NATURAL	TOTAL	REACH	2		
3					DATE	FLOW	FLOW	NAT FLOW	FLOW	FLOW	EVAP	FLOW	DIV	RCH DIV	GAIN LAST RIGHT	3	
4															4		
5	8	BIG	LOST	AT HOWELL	JUN 22	1741.8	1740.0	1740.0	0.0	0.0	0.0	1.8	1.8	1741.8	19870806	5	
6	7	BIG	LOST	ABV MACKAY RES *	JUN 23	1477.3	1285.6	1281.6	12.2	4.0	0.0	193.8	202.1	-264.5	19870806	6	
7	1	BIG	LOST	BLW MACKAY RES	JUN 23	1463.2	1390.0	1239.9	0.0	150.1	10.8	27.7	12.4	-14.1	19870806	7	
8	2	BIG	LOST	AT LESLIE	JUN 23	1070.1	875.0	678.3	0.0	196.7	0.0	168.5	179.0	-393.1	19870806	8	
9	3	BIG	LOST	BLW MOORE DIV	JUN 24	754.1	288.6	137.5	0.0	151.1	0.0	224.8	230.9	-316.0	19870806	9	
10	5	BIG	LOST	BLW MUNSEY DIV	JUN 25	781.2	275.0	114.5	0.0	160.5	0.0	50.1	50.1	27.1	19870806	10	
11	6	BIG	LOST	NR ARCO	JUN 25	777.9	271.0	111.3	0.0	159.7	0.0	0.0	0.0	-3.2	19870806	11	
12															12		
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED										TOTALS	667.	676.	778.		13	
14															14		
15															15		
16															16		
17	RESERVOIR		PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR		RIGHT		STORED		17	
18			(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)				(AF)		(AF)		18	
19	1 MACKAY		44770.0	44490.0	-141.2	15.3	45548.0	892.0	1	MACKAY		556.5		355.4		19	
20									2	MACKAY		294.0		188.8		20	
21									3	MACKAY		556.5		355.4		21	
22									4	MACKAY		1113.0		710.9		22	
23									5	MACKAY		140.0		86.6		23	
24									6	MACKAY		20646.0		20646.0		24	
25									7	MACKAY		17205.0		17205.0		25	
26									8	MACKAY		6000.0		6000.0		26	
27									TOTAL		46511.0		45548.0			27	
28															28		
29															29		
30															30		
31			CHANGE IN	AF USED	STORAGE	ARCO	TOTAL	UNACCT								31	
32			CONTENT	ABOVE	USED	STORED	STORED	STORED								32	
33															33		
34	YEAR-TO-DATE AF		13220.0	1055.3	628.8	1189.8	14148.3	4833.6								34	
35															35		
36															36		
37															37		
38			CFS	CFS	AF				CFS	CFS	AF			CFS	CFS	AF	38
39	DIVERSION		DIVN	STOR	USED	DIVERSION			DIVN	STOR	USED	DIVERSION		DIVN	STOR	USED	39
40															40		
41	1	Sorensen	0.0	0.0	0.0	30	Zollinger/No Tel	4.1	0.0	0.0	59	6X Ranch Pump	0.0	0.0	6.8	41	
42	2	HOWELL	1.8	0.0	1.2	31	Churn Dasher Ran	2.8	0.0	0.0	60	6X Ranch Navarre	1.2	0.0	0.0	42	
43	3	KENT	2.0	0.0	0.8	32	No Tellum 1	1.2	0.0	0.0	61	Gates/Woods 3	0.0	0.0	0.0	43	
44	4	BRADSHAW	0.0	0.0	0.0	33	No Tellum 2	1.1	0.0	0.0	62	6X Ranch 3	0.0	0.0	0.0	44	
45	5	BITTON	2.4	0.0	0.0	34	No Tellum 3	2.4	0.0	0.0	63	6X Ranch 4	0.0	0.0	0.0	45	
46	6	Anderson	2.5	0.0	182.8	35	Gates/Woods 1	0.0	0.0	0.0	64	MACKAY DAM	0.0	0.0	0.0	46	
47	7	Thalman Hunter D	1.8	0.0	0.0	36	Gates/Woods 2	0.0	0.0	0.0	65	SHARP	12.4	0.0	46.8	47	
48	8	Johnson/Hatmaker	3.4	0.0	0.0	37	No Tellum 4	0.0	0.0	0.0						48	
49	9	NEILSEN	39.0	0.0	203.6	38	No Tellum 5	0.0	0.0	0.0	67	SWAUGER	26.0	0.0	0.0	49	
50	10	Bradshaw 2	0.0	0.0	0.0	39	Gates/Woods/6X R	0.0	0.0	0.0	68	MARINAC	0.0	0.0	0.0	50	
51	11	CHILLY	80.0	7.7	357.2	40	Smith Pumps*	0.0	0.0	85.8	69	DARLINGTON	28.0	0.0	0.0	51	
52	12	INGRAM	0.0	0.0	0.0	41	Freeman/Kent*	0.0	0.0	0.0	70	BURNETT	100.0	0.0	0.0	52	
53	13	Cherian	0.0	0.0	1.5	42	Broken River Pum	0.0	0.0	0.0	71	SUTTER	12.4	2.5	40.8	53	
54	14	LONGHURST	23.0	0.0	0.0	43	Broken River Dit	0.0	0.0	0.6	72	ANGELO	6.6	5.9	101.4	54	
55	15	Mtn. Springs 3	1.2	0.0	0.0	44	Freeman 2*	0.0	0.0	0.0	73	BECK	15.6	0.0	0.0	55	
56	16	Donahue 1	0.8	0.0	111.6	45	Freeman 3*	0.0	0.0	0.0	74	PEHRSON	2.1	0.0	0.0	56	
57	17	Zollinger 1	1.8	0.0	0.0	46	Freeman/Hill Pum	0.0	0.0	0.0	75	LOW BURNETT	2.6	0.0	0.0	57	
58	18	Zollinger 3	1.0	0.0	29.7	47	6X Ranch 5	0.0	0.0	8.7	76	3IN1	37.7	0.0	0.0	58	
59	19	Pence Diversion	1.2	0.0	0.0	48	Johnson/Navarro	3.4	0.2	11.1	77	B&J	5.5	0.0	0.0	59	
60	20	Unger	0.0	0.0	0.0	49	6X Ranch 6	0.0	0.0	0.0	78	MOORE	66.0	0.0	0.8	60	

21	6X Ranch 1	6.2	0.0	0.0	50	Stoecklein 3*	0.0	0.0	0.0	79	EASTSIDE	101.4	6.1	173.8	
22	Mtn. Springs 1	2.3	0.0	0.0	51	Upper Fish Hatch	5.0	0.0	2.7	80	ARCO	23.4	0.0	0.0	
23	Mtn. Springs 4	0.0	0.0	0.0	52	Freeman Ditch	0.0	0.0	0.0	81	MUNSEY	26.7	0.0	312.0	
1	24 Mtn. Springs 2	1.8	0.0	0.0	53	Stoecklein 1	1.0	0.0	0.0	82	MILLER	0.0	0.0	0.0	1
2	25 Donahue 2	1.4	0.0	0.0	54	Stoecklein 2	1.0	0.0	0.0	83	MCLAUGHLIN	0.0	0.0	0.0	2
3	26 Simmons	1.6	0.0	0.0	55	Stoecklein 4	0.0	0.0	0.0	84	FOLKMAN PUMP	0.0	0.0	0.0	3
4	27 Donahue 4	0.0	0.0	0.0	56	Shoupe Ditch*	3.6	0.4	4.4	85	HUGGINS PUMP	0.0	0.0	0.0	4
5	28 Donahue 3	0.7	0.0	0.0	57	Gates Pump 1	0.0	0.0	0.0	86	QUIST PUMP #1	0.0	0.0	0.0	5
6	29 Zollinger 2	1.2	0.0	0.0	58	Gates Pump 2	0.0	0.0	0.0						6
7															7
8	(1) BITTON USE COMBINED WITH KENT DITCH														8
9															9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1														10
11															11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON														12
13															13
14	(4) SIMMONS USE COMBINED WITH NEILSEN														14
15															15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY														16
17															17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3														18
19															19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2														20
21															21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3														22
23															23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE														24
25															25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1														26
27															27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH														28
29															29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT														30
31															31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH														32
33															33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5														34
35															35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2														36
37															37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP														38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION														39
40															40
41															41
42															42
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59															59
60															60
61															61

1	REACH LOSS DATA - JUN 25, 2009												1
2													2
3													3
4	REACH		ACTUAL	TOTAL	STORAGE								4
5			DATE	GAIN	GAIN								5
6													6
7	8	BIG LOST AT HOWELL	JUN 22	1742.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUN 23	-265.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUN 23	-14.	0.								9
10	2	BIG LOST AT LESLIE	JUN 23	-413.	45.								10
11	3	BIG LOST BLW MOORE DIV	JUN 24	-316.	71.								11
12	5	BIG LOST BLW MUNSEY DIV	JUN 25	27.	0.								12
13	6	BIG LOST NR ARCO	JUN 25	-3.	2.								13
14													14
15													15
16	RECHARGE DELIVERY ESTIMATES FOR ACCOUNTING DAY												16
17	ESTIMATED RECHARGE QUANTITIES:												17
18	ABV MACKAY DAM: 16. AF												18
19	BLW MAKCAY DAM: 33. AF												19
20	ESTIMATED EXCESS DIVERSIONS AND STORAGE DIVERSIONS:												20
21	EXCESS ABV DAM: 0. AF												21
22	STORAGE BLW DAM: 0. AF												22
23													23
24	TOTAL RCHRG YTD		1091.										24
25													25
26													26
27													27
28													28
29													29
30	EXCHANGE PUMP DATA - JUN 25, 2009												30
31													31
32	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	32
33													33
34	1	Neilsen injectio	12.	1158.3	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	34
35	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	35
36	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	36
37	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	37
38	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					38
39													39
40													40
41													41
42													42
43													43
44													44
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59													59
60													60
61													61

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) JUN 26, 2009

20091110

1													1
2	REACH FLOWS IN CFS												2
3	ACTUAL DATE NATURAL ACTUAL RMAINING EXCHANGE STORED RESRVOIR NATURAL TOTAL REACH												3
4	FLOW FLOW FLOW NAT FLOW FLOW FLOW EVAP FLOW DIV RCH DIV GAIN LAST RIGHT												4
5	8 BIG LOST AT HOWELL	JUN 23	1451.8	1450.0	1450.0	0.0	0.0	0.0	1.8	1.8	1451.8	19120401	5
6	7 BIG LOST ABV MACKAY RES *	JUN 24	1249.8	1041.9	1070.1	12.2	-28.3	0.0	177.9	218.4	-202.0	19120401	6
7	1 BIG LOST BLW MACKAY RES	JUN 24	1236.4	1140.0	1029.0	0.0	111.0	12.0	27.7	12.4	-13.4	19120401	7
8	2 BIG LOST AT LESLIE	JUN 24	907.4	739.0	531.5	0.0	207.5	0.0	168.5	179.0	-329.0	19120401	8
9	3 BIG LOST BLW MOORE DIV	JUN 25	635.9	238.6	20.8	0.0	217.8	0.0	239.1	247.9	-271.5	19120401	9
10	5 BIG LOST BLW MUNSEY DIV	JUN 26	670.3	225.0	1.6	0.0	223.4	0.0	53.7	53.7	34.5	19120401	10
11	6 BIG LOST NR ARCO	JUN 26	668.7	221.0	0.0	0.0	221.0	0.0	0.0	0.0	-1.6	19120401	11
12													12
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED												13
14													14
15													15
16													16
17	RESERVOIR	PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR		RIGHT	STORED	17
18		(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)				(AF)	(AF)	18
19	1 MACKAY	44490.0	44220.0	-136.1	15.3	45578.4	915.7	1	MACKAY		556.5	361.7	19
20								2	MACKAY		294.0	192.1	20
21								3	MACKAY		556.5	361.7	21
22								4	MACKAY		1113.0	723.6	22
23								5	MACKAY		140.0	88.2	23
24								6	MACKAY		20646.0	20646.0	24
25								7	MACKAY		17205.0	17205.0	25
26								8	MACKAY		6000.0	6000.0	26
27													27
28													28
29													29
30													30
31													31
32													32
33													33
34	YEAR-TO-DATE AF	12950.0	1135.6	662.7	1628.2	14178.7	4833.6						34
35													35
36													36
37													37
38													38
39	DIVERSION	CFS	CFS	AF		CFS	CFS	AF		CFS	CFS	AF	39
40		DIVN	STOR	USED	DIVERSION	DIVN	STOR	USED	DIVERSION	DIVN	STOR	USED	40
41	1 Sorensen	0.0	0.0	0.0	30 Zollinger/No Tel	4.1	0.0	0.0	59 6X Ranch Pump	0.0	0.0	6.8	41
42	2 HOWELL	1.8	0.0	1.2	31 Churn Dasher Ran	2.8	0.0	0.0	60 6X Ranch Navarre	1.2	0.0	0.0	42
43	3 KENT	2.0	0.0	0.8	32 No Tellum 1	1.2	0.0	0.0	61 Gates/Woods 3	0.0	0.0	0.0	43
44	4 BRADSHAW	0.0	0.0	0.0	33 No Tellum 2	1.1	0.0	0.0	62 6X Ranch 3	0.0	0.0	0.0	44
45	5 BITTON	2.4	0.0	0.0	34 No Tellum 3	2.4	0.0	0.0	63 6X Ranch 4	0.0	0.0	0.0	45
46	6 Anderson	2.5	4.9	192.5	35 Gates/Woods 1	0.0	0.0	0.0	64 MACKAY DAM	0.0	0.0	0.0	46
47	7 Thalman Hunter D	1.8	0.0	0.0	36 Gates/Woods 2	0.0	0.0	0.0	65 SHARP	12.4	0.0	46.8	47
48	8 Johnson/Hatmaker	5.7	0.0	0.0	37 No Tellum 4	0.0	0.0	0.0					48
49	9 NEILSEN	39.0	4.9	213.4	38 No Tellum 5	0.0	0.0	0.0	67 SWAUGER	26.0	0.0	0.0	49
50	10 Bradshaw 2	0.0	0.0	0.0	39 Gates/Woods/6X R	0.0	0.0	0.0	68 MARINAC	0.0	0.0	0.0	50
51	11 CHILLY	81.0	29.1	415.0	40 Smith Pumps*	6.5	0.9	87.6	69 DARLINGTON	28.0	0.0	0.0	51
52	12 INGRAM	0.0	0.0	0.0	41 Freeman/Kent*	0.0	0.0	0.0	70 BURNETT	100.0	0.0	0.0	52
53	13 Cherian	0.0	0.0	1.5	42 Broken River Pum	0.0	0.0	0.0	71 SUTTER	12.4	2.5	45.7	53
54	14 LONGHURST	29.5	0.0	0.0	43 Broken River Dit	0.0	0.0	0.6	72 ANGELO	6.6	5.9	113.1	54
55	15 Mtn. Springs 3	1.2	0.0	0.0	44 Freeman 2*	0.0	0.0	0.0	73 BECK	15.6	0.0	0.0	55
56	16 Donahue 1	0.8	0.0	111.6	45 Freeman 3*	0.0	0.0	0.0	74 PEHRSON	2.1	0.0	0.0	56
57	17 Zollinger 1	1.8	0.0	0.0	46 Freeman/Hill Pum	0.0	0.0	0.0	75 LOW BURNETT	2.6	0.0	0.0	57
58	18 Zollinger 3	1.0	0.0	29.7	47 6X Ranch 5	0.0	0.0	8.7	76 3IN1	37.7	0.0	0.0	58
59	19 Pence Diversion	1.2	0.0	0.0	48 Johnson/Navarro	3.4	0.2	11.5	77 B&J	5.5	0.0	0.0	59
60	20 Unger	0.0	0.0	0.0	49 6X Ranch 6	0.0	0.0	0.0	78 MOORE	83.0	0.0	0.8	60

21	6X Ranch 1	6.2	0.0	0.0	50	Stoecklein 3*	0.0	0.0	0.0	79	EASTSIDE	101.4	8.7	191.2	
22	Mtn. Springs 1	2.3	0.0	0.0	51	Upper Fish Hatch	5.0	0.0	2.7	80	ARCO	23.4	0.0	0.0	
23	Mtn. Springs 4	0.0	0.0	0.0	52	Freeman Ditch	0.0	0.0	0.0	81	MUNSEY	30.3	0.0	312.0	
1	24 Mtn. Springs 2	1.8	0.0	0.0	53	Stoecklein 1	1.0	0.0	0.0	82	MILLER	0.0	0.0	0.0	1
2	25 Donahue 2	1.4	0.0	0.0	54	Stoecklein 2	1.0	0.0	0.0	83	MCLAUGHLIN	0.0	0.0	0.0	2
3	26 Simmons	1.6	0.0	0.0	55	Stoecklein 4	0.0	0.0	0.0	84	FOLKMAN PUMP	0.0	0.0	0.0	3
4	27 Donahue 4	0.0	0.0	0.0	56	Shoupe Ditch*	3.6	0.4	5.2	85	HUGGINS PUMP	0.0	0.0	0.0	4
5	28 Donahue 3	0.7	0.0	0.0	57	Gates Pump 1	0.0	0.0	0.0	86	QUIST PUMP #1	0.0	0.0	0.0	5
6	29 Zollinger 2	1.2	0.0	0.0	58	Gates Pump 2	0.0	0.0	0.0						6
7															7
8	(1) BITTON USE COMBINED WITH KENT DITCH														8
9															9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1														10
11															11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON														12
13															13
14	(4) SIMMONS USE COMBINED WITH NEILSEN														14
15															15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY														16
17															17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3														18
19															19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2														20
21															21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3														22
23															23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE														24
25															25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1														26
27															27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH														28
29															29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT														30
31															31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH														32
33															33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5														34
35															35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2														36
37															37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP														38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION														39
40															40
41															41
42															42
43															43
44															44
45															45
46															46
47															47
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52															52
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54															54
55															55
56															56
57															57
58															58
59															59
60															60
61															61

1	REACH LOSS DATA - JUN 26, 2009											1	
2												2	
3												3	
4												4	
5	REACH	ACTUAL	TOTAL	STORAGE								5	
6		DATE	GAIN	GAIN								6	
7	8 BIG LOST AT HOWELL	JUN 23	1452.	0.								7	
8	7 BIG LOST ABV MACKAY RES	JUN 24	-202.	0.								8	
9	1 BIG LOST BLW MACKAY RES	JUN 24	-13.	0.								9	
10	2 BIG LOST AT LESLIE	JUN 24	-374.	36.								10	
11	3 BIG LOST BLW MOORE DIV	JUN 25	-343.	96.								11	
12	5 BIG LOST BLW MUNSEY DIV	JUN 26	34.	0.								12	
13	6 BIG LOST NR ARCO	JUN 26	-4.	3.								13	
14												14	
15												15	
16	RECHARGE DELIVERY ESTIMATES FOR ACCOUNTING DAY											16	
17	ESTIMATED RECHARGE QUANTITIES:											17	
18	ABV MACKAY DAM: 80. AF											18	
19	BLW MAKCAY DAM: 38. AF											19	
20	ESTIMATED EXCESS DIVERSIONS AND STORAGE DIVERSIONS:											20	
21	EXCESS ABV DAM: 0. AF											21	
22	STORAGE BLW DAM: 0. AF											22	
23												23	
24	TOTAL RCHRG YTD 1209.											24	
25												25	
26												26	
27												27	
28												28	
29												29	
30	EXCHANGE PUMP DATA - JUN 26, 2009											30	
31												31	
32	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	32
33													33
34	1 Neilsen injectio	12.	1182.5	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0		34
35	2 JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0		35
36	3 L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0		36
37	4 PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0		37
38	5 FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0						38
39													39
40													40
41													41
42													42
43													43
44													44
45													45
46													46
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48													48
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54													54
55													55
56													56
57													57
58													58
59													59
60													60
61													61

1														1				
2	REACH FLOWS IN CFS			ACTUAL	NATURAL	ACTUAL RMAINING		EXCHANGE	STORED	RESRVOIR	NATURAL	TOTAL	REACH		2			
3				DATE	FLOW	FLOW	NAT FLOW	FLOW	FLOW	EVAP	FLOW	DIV	RCH DIV	GAIN	LAST RIGHT	3		
4														4				
5	8	BIG LOST AT HOWELL		JUN 24	1351.8	1350.0	1350.0	0.0	0.0	0.0	1.8	1.8	1351.8	19870806		5		
6	7	BIG LOST ABV MACKAY RES *		JUN 25	1336.2	1128.3	1133.5	12.2	-5.2	0.0	201.0	218.4	-15.6	19870806		6		
7	1	BIG LOST BLW MACKAY RES		JUN 25	1322.6	1050.0	1092.2	0.0	-42.2	11.9	27.7	12.4	-13.6	19870806		7		
8	2	BIG LOST AT LESLIE		JUN 25	1042.5	637.0	643.5	0.0	-6.5	0.0	168.5	179.0	-280.1	19870806		8		
9	3	BIG LOST BLW MOORE DIV		JUN 26	845.8	213.6	201.5	0.0	12.1	0.0	245.3	251.4	-196.7	19870806		9		
10	5	BIG LOST BLW MUNSEY DIV		JUN 27	896.7	241.0	198.7	0.0	42.3	0.0	53.7	53.7	50.8	19870806		10		
11	6	BIG LOST NR ARCO		JUN 27	896.4	237.0	198.4	0.0	38.6	0.0	0.0	0.0	-0.3	19870806		11		
12														12				
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED									TOTALS	698.	717.	896.			13		
14														14				
15														15				
16														16				
17	RESERVOIR		PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR			RIGHT	STORED			17	
18			(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)					(AF)	(AF)			18	
19	1 MACKAY		44220.0	44300.0	40.3	15.3	45608.7	939.4	1	MACKAY			556.5	368.0			19	
20									2	MACKAY			294.0	195.5			20	
21									3	MACKAY			556.5	368.0			21	
22									4	MACKAY			1113.0	736.3			22	
23									5	MACKAY			140.0	89.8			23	
24									6	MACKAY			20646.0	20646.0			24	
25									7	MACKAY			17205.0	17205.0			25	
26									8	MACKAY			6000.0	6000.0			26	
27									TOTAL			46511.0	45608.7			27		
28														28				
29														29				
30														30				
31			CHANGE IN	AF USED	STORAGE	ARCO	TOTAL	UNACCT								31		
32			CONTENT	ABOVE	USED	STORED	STORED	STORED								32		
33														33				
34	YEAR-TO-DATE AF		13030.0	1170.1	691.4	1704.8	14209.0	4833.6								34		
35														35				
36														36				
37														37				
38			CFS	CFS	AF				CFS	CFS	AF			CFS	CFS	AF	38	
39	DIVERSION		DIVN	STOR	USED	DIVERSION			DIVN	STOR	USED	DIVERSION		DIVN	STOR	USED	39	
40														40				
41	1	Sorensen	0.0	0.0	0.0	30	Zollinger/No Tel		4.1	0.0	0.0	59	6X Ranch Pump		0.0	0.0	6.8	41
42	2	HOWELL	1.8	0.0	1.2	31	Churn Dasher Ran		2.8	0.0	0.0	60	6X Ranch Navarre		1.2	0.0	0.0	42
43	3	KENT	2.0	0.0	0.8	32	No Tellum 1		1.2	0.0	0.0	61	Gates/Woods 3		0.0	0.0	0.0	43
44	4	BRADSHAW	0.0	0.0	0.0	33	No Tellum 2		1.1	0.0	0.0	62	6X Ranch 3		0.0	0.0	0.0	44
45	5	BITTON	2.4	0.0	0.0	34	No Tellum 3		2.4	0.0	0.0	63	6X Ranch 4		0.0	0.0	0.0	45
46	6	Anderson	2.5	1.6	195.8	35	Gates/Woods 1		0.0	0.0	0.0	64	MACKAY DAM		0.0	0.0	0.0	46
47	7	Thalman Hunter D	1.8	0.0	0.0	36	Gates/Woods 2		0.0	0.0	0.0	65	SHARP		12.4	0.0	46.8	47
48	8	Johnson/Hatmaker	5.7	0.0	0.0	37	No Tellum 4		0.0	0.0	0.0							48
49	9	NEILSEN	39.0	0.0	213.4	38	No Tellum 5		0.0	0.0	0.0	67	SWAUGER		26.0	0.0	0.0	49
50	10	Bradshaw 2	0.0	0.0	0.0	39	Gates/Woods/6X R		0.0	0.0	0.0	68	MARINAC		0.0	0.0	0.0	50
51	11	CHILLY	81.0	15.2	445.1	40	Smith Pumps*		6.5	0.0	87.6	69	DARLINGTON		28.0	0.0	0.0	51
52	12	INGRAM	0.0	0.0	0.0	41	Freeman/Kent*		0.0	0.0	0.0	70	BURNETT		100.0	0.0	0.0	52
53	13	Cherian	0.0	0.0	1.5	42	Broken River Pum		0.0	0.0	0.0	71	SUTTER		12.4	2.5	50.6	53
54	14	LONGHURST	29.5	0.0	0.0	43	Broken River Dit		0.0	0.0	0.6	72	ANGELO		6.6	5.9	124.7	54
55	15	Mtn. Springs 3	1.2	0.0	0.0	44	Freeman 2*		0.0	0.0	0.0	73	BECK		15.6	0.0	0.0	55
56	16	Donahue 1	0.8	0.0	111.6	45	Freeman 3*		0.0	0.0	0.0	74	PEHRSON		2.1	0.0	0.0	56
57	17	Zollinger 1	1.8	0.0	0.0	46	Freeman/Hill Pum		0.0	0.0	0.0	75	LOW BURNETT		2.6	0.0	0.0	57
58	18	Zollinger 3	1.0	0.0	29.7	47	6X Ranch 5		0.0	0.0	8.7	76	3IN1		41.7	0.0	0.0	58
59	19	Pence Diversion	1.2	0.0	0.0	48	Johnson/Navarro		3.4	0.2	11.9	77	B&J		5.0	0.0	0.0	59
60	20	Unger	0.0	0.0	0.0	49	6X Ranch 6		0.0	0.0	0.0	78	MOORE		83.0	0.0	0.8	60

21	6X Ranch 1	6.2	0.0	0.0	50	Stoecklein 3*	0.0	0.0	0.0	79	EASTSIDE	101.4	6.1	203.3	
22	Mtn. Springs 1	2.3	0.0	0.0	51	Upper Fish Hatch	5.0	0.0	2.7	80	ARCO	23.4	0.0	0.0	
23	Mtn. Springs 4	0.0	0.0	0.0	52	Freeman Ditch	0.0	0.0	0.0	81	MUNSEY	30.3	0.0	312.0	
1	24 Mtn. Springs 2	1.8	0.0	0.0	53	Stoecklein 1	1.0	0.0	0.0	82	MILLER	0.0	0.0	0.0	1
2	25 Donahue 2	1.4	0.0	0.0	54	Stoecklein 2	1.0	0.0	0.0	83	MCLAUGHLIN	0.0	0.0	0.0	2
3	26 Simmons	1.6	0.0	0.0	55	Stoecklein 4	0.0	0.0	0.0	84	FOLKMAN PUMP	0.0	0.0	0.0	3
4	27 Donahue 4	0.0	0.0	0.0	56	Shoupe Ditch*	3.6	0.4	6.0	85	HUGGINS PUMP	0.0	0.0	0.0	4
5	28 Donahue 3	0.7	0.0	0.0	57	Gates Pump 1	0.0	0.0	0.0	86	QUIST PUMP #1	0.0	0.0	0.0	5
6	29 Zollinger 2	1.2	0.0	0.0	58	Gates Pump 2	0.0	0.0	0.0						6
7															7
8	(1) BITTON USE COMBINED WITH KENT DITCH														8
9															9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1														10
11															11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON														12
13															13
14	(4) SIMMONS USE COMBINED WITH NEILSEN														14
15															15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY														16
17															17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3														18
19															19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2														20
21															21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3														22
23															23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE														24
25															25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1														26
27															27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH														28
29															29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT														30
31															31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH														32
33															33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5														34
35															35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2														36
37															37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP														38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION														39
40															40
41															41
42															42
43															43
44															44
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59															59
60															60
61															61

1	REACH LOSS DATA - JUN 27, 2009												1
2													2
3													3
4	REACH		ACTUAL DATE	TOTAL GAIN	STORAGE GAIN								4
5													5
6													6
7	8	BIG LOST AT HOWELL	JUN 24	1352.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUN 25	-16.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUN 25	-14.	0.								9
10	2	BIG LOST AT LESLIE	JUN 25	-316.	0.								10
11	3	BIG LOST BLW MOORE DIV	JUN 26	-293.	0.								11
12	5	BIG LOST BLW MUNSEY DIV	JUN 27	51.	0.								12
13	6	BIG LOST NR ARCO	JUN 27	-4.	1.								13
14													14
15													15
16	RECHARGE DELIVERY ESTIMATES FOR ACCOUNTING DAY												16
17	ESTIMATED RECHARGE QUANTITIES:												17
18	ABV MACKAY DAM:		34.	AF									18
19	BLW MAKCAY DAM:		33.	AF									19
20	ESTIMATED EXCESS DIVERSIONS AND STORAGE DIVERSIONS:												20
21	EXCESS ABV DAM:		0.	AF									21
22	STORAGE BLW DAM:		0.	AF									22
23													23
24	TOTAL RCHRG YTD		1277.										24
25													25
26													26
27													27
28													28
29													29
30	EXCHANGE PUMP DATA - JUN 27, 2009												30
31													31
32	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	32
33													33
34	1	Neilsen injectio	12.	1206.7	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	34
35	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	35
36	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	36
37	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	37
38	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					38
39													39
40													40
41													41
42													42
43													43
44													44
45													45
46													46
47													47
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57													57
58													58
59													59
60													60
61													61

1														1			
2	REACH FLOWS IN CFS			ACTUAL	NATURAL	ACTUAL RMAINING		EXCHANGE	STORED	RESRVOIR	NATURAL	TOTAL	REACH		2		
3				DATE	FLOW	FLOW	NAT FLOW	FLOW	FLOW	EVAP	FLOW	DIV	RCH DIV	GAIN	LAST RIGHT	3	
4															4		
5	8	BIG LOST AT HOWELL	JUN 25	1451.8	1450.0	1450.0	0.0	0.0	0.0	1.8	1.8	1451.8	19870806			5	
6	7	BIG LOST ABV MACKAY RES *	JUN 26	1386.5	1188.9	1183.8	12.2	5.1	0.0	201.0	208.1	-65.3	19870806			6	
7	1	BIG LOST BLW MACKAY RES	JUN 26	1372.9	1090.0	1142.5	0.0	-52.5	12.4	27.7	12.4	-13.6	19870806			7	
8	2	BIG LOST AT LESLIE	JUN 26	1113.9	664.0	712.0	0.0	-48.0	0.0	171.5	182.0	-259.0	19870806			8	
9	3	BIG LOST BLW MOORE DIV	JUN 27	861.4	188.6	216.3	0.0	-27.7	0.0	243.2	245.3	-252.5	19870806			9	
10	5	BIG LOST BLW MUNSEY DIV	JUN 28	929.0	244.0	226.4	0.0	17.6	0.0	57.5	57.5	67.6	19870806			10	
11	6	BIG LOST NR ARCO	JUN 28	925.4	239.0	222.8	0.0	16.2	0.0	0.0	0.0	-3.6	19870806			11	
12															12		
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED									TOTALS	703.	707.	925.			13	
14															14		
15															15		
16															16		
17	RESERVOIR	PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR			RIGHT	STORED			17	
18		(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)					(AF)	(AF)			18	
19	1	MACKAY	44300.0	44420.0	60.5	15.3	45639.1	964.0	1	MACKAY		556.5	374.4			19	
20									2	MACKAY		294.0	198.9			20	
21									3	MACKAY		556.5	374.4			21	
22									4	MACKAY		1113.0	749.0			22	
23									5	MACKAY		140.0	91.4			23	
24									6	MACKAY		20646.0	20646.0			24	
25									7	MACKAY		17205.0	17205.0			25	
26									8	MACKAY		6000.0	6000.0			26	
27															27		
28	TOTAL												46511.0	45639.1			28
29															29		
30															30		
31		CHANGE IN	AF USED	STORAGE	ARCO	TOTAL	UNACCT									31	
32		CONTENT	ABOVE	USED	STORED	STORED	STORED									32	
33															33		
34	YEAR-TO-DATE AF	13150.0	1184.1	712.2	1736.9	14239.4	4833.6									34	
35															35		
36															36		
37															37		
38		CFS	CFS	AF		CFS	CFS	AF			CFS	CFS	AF			38	
39	DIVERSION	DIVN	STOR	USED	DIVERSION	DIVN	STOR	USED	DIVERSION	DIVN	STOR	USED			39		
40															40		
41	1	Sorensen	0.0	0.0	0.0	30	Zollinger/No Tel	4.1	0.0	0.0	59	6X Ranch Pump	0.0	0.0	6.8	41	
42	2	HOWELL	1.8	0.0	1.2	31	Churn Dasher Ran	2.8	0.0	0.0	60	6X Ranch Navarre	1.2	0.0	0.0	42	
43	3	KENT	2.0	0.0	0.8	32	No Tellum 1	1.2	0.0	0.0	61	Gates/Woods 3	0.0	0.0	0.0	43	
44	4	BRADSHAW	0.0	0.0	0.0	33	No Tellum 2	1.1	0.0	0.0	62	6X Ranch 3	0.0	0.0	0.0	44	
45	5	BITTON	2.4	0.0	0.0	34	No Tellum 3	2.4	0.0	0.0	63	6X Ranch 4	0.0	0.0	0.0	45	
46	6	Anderson	2.5	1.6	199.0	35	Gates/Woods 1	0.0	0.0	0.0	64	MACKAY DAM	0.0	0.0	0.0	46	
47	7	Thalman Hunter D	1.8	0.0	0.0	36	Gates/Woods 2	0.0	0.0	0.0	65	SHARP	12.4	0.0	46.8	47	
48	8	Johnson/Hatmaker	5.7	0.0	0.0	37	No Tellum 4	0.0	0.0	0.0						48	
49	9	NEILSEN	39.0	0.0	213.4	38	No Tellum 5	0.0	0.0	0.0	67	SWAUGER	26.0	0.0	0.0	49	
50	10	Bradshaw 2	0.0	0.0	0.0	39	Gates/Woods/6X R	0.0	0.0	0.0	68	MARINAC	0.0	0.0	0.0	50	
51	11	CHILLY	71.2	4.9	454.7	40	Smith Pumps*	6.5	0.0	87.6	69	DARLINGTON	28.0	0.0	0.0	51	
52	12	INGRAM	0.0	0.0	0.0	41	Freeman/Kent*	0.0	0.0	0.0	70	BURNETT	103.0	0.0	0.0	52	
53	13	Cherian	0.0	0.0	1.5	42	Broken River Pum	0.0	0.0	0.0	71	SUTTER	12.4	2.5	55.5	53	
54	14	LONGHURST	29.0	0.0	0.0	43	Broken River Dit	0.0	0.0	0.6	72	ANGELO	6.6	5.9	136.4	54	
55	15	Mtn. Springs 3	1.2	0.0	0.0	44	Freeman 2*	0.0	0.0	0.0	73	BECK	15.6	0.0	0.0	55	
56	16	Donahue 1	0.8	0.0	111.6	45	Freeman 3*	0.0	0.0	0.0	74	PEHRSON	2.1	0.0	0.0	56	
57	17	Zollinger 1	1.8	0.0	0.0	46	Freeman/Hill Pum	0.0	0.0	0.0	75	LOW BURNETT	2.6	0.0	0.0	57	
58	18	Zollinger 3	1.0	0.0	29.7	47	6X Ranch 5	0.0	0.0	8.7	76	3IN1	46.6	2.1	4.2	58	
59	19	Pence Diversion	1.2	0.0	0.0	48	Johnson/Navarro	3.4	0.2	12.3	77	B&J	5.0	0.0	0.0	59	
60	20	Unger	0.0	0.0	0.0	49	6X Ranch 6	0.0	0.0	0.0	78	MOORE	98.0	0.0	0.8	60	

21	6X Ranch 1	6.2	0.0	0.0	50	Stoecklein 3*	0.0	0.0	0.0	79	EASTSIDE	75.4	0.0	203.3	
22	Mtn. Springs 1	2.3	0.0	0.0	51	Upper Fish Hatch	4.9	0.0	2.7	80	ARCO	23.4	0.0	0.0	
23	Mtn. Springs 4	0.0	0.0	0.0	52	Freeman Ditch	0.0	0.0	0.0	81	MUNSEY	34.1	0.0	312.0	
1	24 Mtn. Springs 2	1.8	0.0	0.0	53	Stoecklein 1	1.0	0.0	0.0	82	MILLER	0.0	0.0	0.0	1
2	25 Donahue 2	1.4	0.0	0.0	54	Stoecklein 2	1.0	0.0	0.0	83	MCLAUGHLIN	0.0	0.0	0.0	2
3	26 Simmons	1.6	0.0	0.0	55	Stoecklein 4	0.0	0.0	0.0	84	FOLKMAN PUMP	0.0	0.0	0.0	3
4	27 Donahue 4	0.0	0.0	0.0	56	Shoupe Ditch*	3.6	0.4	6.7	85	HUGGINS PUMP	0.0	0.0	0.0	4
5	28 Donahue 3	0.7	0.0	0.0	57	Gates Pump 1	0.0	0.0	0.0	86	QUIST PUMP #1	0.0	0.0	0.0	5
6	29 Zollinger 2	1.2	0.0	0.0	58	Gates Pump 2	0.0	0.0	0.0						6
7															7
8	(1) BITTON USE COMBINED WITH KENT DITCH														8
9															9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1														10
11															11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON														12
13															13
14	(4) SIMMONS USE COMBINED WITH NEILSEN														14
15															15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY														16
17															17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3														18
19															19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2														20
21															21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3														22
23															23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE														24
25															25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1														26
27															27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH														28
29															29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT														30
31															31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH														32
33															33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5														34
35															35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2														36
37															37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP														38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION														39
40															40
41															41
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43															43
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1	REACH LOSS DATA - JUN 28, 2009												1
2													2
3													3
4													4
5	REACH		ACTUAL	TOTAL	STORAGE								5
6			DATE	GAIN	GAIN								6
7	8	BIG LOST AT HOWELL	JUN 25	1452.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUN 26	-65.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUN 26	-14.	0.								9
10	2	BIG LOST AT LESLIE	JUN 26	-259.	0.								10
11	3	BIG LOST BLW MOORE DIV	JUN 27	-253.	0.								11
12	5	BIG LOST BLW MUNSEY DIV	JUN 28	68.	0.								12
13	6	BIG LOST NR ARCO	JUN 28	-4.	0.								13
14													14
15													15
16	RECHARGE DELIVERY ESTIMATES FOR ACCOUNTING DAY												16
17	ESTIMATED RECHARGE QUANTITIES:												17
18	ABV MACKAY DAM: 14. AF												18
19	BLW MAKCAY DAM: 25. AF												19
20	ESTIMATED EXCESS DIVERSIONS AND STORAGE DIVERSIONS:												20
21	EXCESS ABV DAM: 0. AF												21
22	STORAGE BLW DAM: 0. AF												22
23													23
24	TOTAL RCHRG YTD		1316.										24
25													25
26													26
27													27
28													28
29													29
30	EXCHANGE PUMP DATA - JUN 28, 2009												30
31													31
32	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	32
33													33
34	1	Neilsen injectio	12.	1230.8	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	34
35	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	35
36	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	36
37	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	37
38	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					38
39													39
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41													41
42													42
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21	6X Ranch 1	6.2	0.0	0.0	50	Stoecklein 3*	0.0	0.0	0.0	79	EASTSIDE	92.0	0.0	203.3	
22	Mtn. Springs 1	2.3	0.0	0.0	51	Upper Fish Hatch	4.9	0.0	2.7	80	ARCO	27.9	0.0	0.0	
23	Mtn. Springs 4	0.0	0.0	0.0	52	Freeman Ditch	0.0	0.0	0.0	81	MUNSEY	38.1	0.0	312.0	
1	24 Mtn. Springs 2	1.8	0.0	0.0	53	Stoecklein 1	1.0	0.0	0.0	82	MILLER	0.0	0.0	0.0	1
2	25 Donahue 2	1.4	0.0	0.0	54	Stoecklein 2	1.0	0.0	0.0	83	MCLAUGHLIN	0.0	0.0	0.0	2
3	26 Simmons	1.6	0.0	0.0	55	Stoecklein 4	0.0	0.0	0.0	84	FOLKMAN PUMP	0.0	0.0	0.0	3
4	27 Donahue 4	0.0	0.0	0.0	56	Shoupe Ditch*	3.6	0.4	7.5	85	HUGGINS PUMP	0.0	0.0	0.0	4
5	28 Donahue 3	0.7	0.0	0.0	57	Gates Pump 1	0.0	0.0	0.0	86	QUIST PUMP #1	0.0	0.0	0.0	5
6	29 Zollinger 2	1.2	0.0	0.0	58	Gates Pump 2	0.0	0.0	0.0						6
7															7
8	(1) BITTON USE COMBINED WITH KENT DITCH														8
9															9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1														10
11															11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON														12
13															13
14	(4) SIMMONS USE COMBINED WITH NEILSEN														14
15															15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY														16
17															17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3														18
19															19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2														20
21															21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3														22
23															23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE														24
25															25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1														26
27															27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH														28
29															29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT														30
31															31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH														32
33															33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5														34
35															35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2														36
37															37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP														38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION														39
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1	REACH LOSS DATA - JUN 29, 2009												1
2													2
3													3
4													4
5	REACH		ACTUAL	TOTAL	STORAGE							5	
6			DATE	GAIN	GAIN							6	
7	8	BIG LOST AT HOWELL	JUN 26	1592.	0.							7	
8	7	BIG LOST ABV MACKAY RES	JUN 27	-51.	0.							8	
9	1	BIG LOST BLW MACKAY RES	JUN 27	-14.	0.							9	
10	2	BIG LOST AT LESLIE	JUN 27	-242.	0.							10	
11	3	BIG LOST BLW MOORE DIV	JUN 28	-238.	0.							11	
12	5	BIG LOST BLW MUNSEY DIV	JUN 29	101.	0.							12	
13	6	BIG LOST NR ARCO	JUN 29	-4.	0.							13	
14													14
15													15
16	RECHARGE DELIVERY ESTIMATES FOR ACCOUNTING DAY												16
17	ESTIMATED RECHARGE QUANTITIES:												17
18	ABV MACKAY DAM:		14.	AF								18	
19	BLW MAKCAY DAM:		25.	AF								19	
20	ESTIMATED EXCESS DIVERSIONS AND STORAGE DIVERSIONS:												20
21	EXCESS ABV DAM:		0.	AF								21	
22	STORAGE BLW DAM:		0.	AF								22	
23													23
24	TOTAL RCHRG YTD		1355.									24	
25													25
26													26
27													27
28													28
29													29
30	EXCHANGE PUMP DATA - JUN 29, 2009												30
31													31
32	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	32
33													33
34	1	Neilsen injectio	12.	1255.0	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	34
35	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	35
36	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	36
37	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	37
38	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					38
39													39
40													40
41													41
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WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) JUN 30, 2009

20091110

REACH FLOWS IN CFS	ACTUAL DATE	NATURAL FLOW	ACTUAL RMAINING FLOW	NAT FLOW	EXCHANGE FLOW	STORED FLOW	RESRVOIR NATURAL EVAP	FLOW DIV	TOTAL RCH DIV	REACH GAIN	LAST RIGHT
8 BIG LOST AT HOWELL	JUN 27	1451.8	1450.0	1450.0	0.0	0.0	0.0	1.8	1.8	1451.8	19870806
7 BIG LOST ABV MACKAY RES *	JUN 28	1278.4	1080.5	1075.4	12.2	5.1	0.0	201.2	208.3	-173.4	19870806
1 BIG LOST BLW MACKAY RES	JUN 28	1264.8	1100.0	1034.1	0.0	65.9	15.0	27.7	12.4	-13.6	19870806
2 BIG LOST AT LESLIE	JUN 28	1026.6	713.0	624.4	0.0	88.6	0.0	171.5	182.0	-238.2	19870806
3 BIG LOST BLW MOORE DIV	JUN 29	781.8	93.0	79.0	0.0	14.0	0.0	300.6	338.9	-244.8	19870806
5 BIG LOST BLW MUNSEY DIV	JUN 30	901.8	144.0	133.0	0.0	11.0	0.0	66.0	66.0	120.0	19870806
6 BIG LOST NR ARCO	JUN 30	897.1	139.0	128.3	0.0	10.7	0.0	0.0	0.0	-4.8	19870806
* - INDICATES FLOW ESTIMATED, NOT MEASURED							TOTALS	769.	809.	897.	
RESERVOIR	PREV CONT (AF)	CURR CONT (AF)	CHNG CONT (CFS)	ACC STOR (CFS)	TOTL STOR (AF)	TOTL EVP (AF)	PRIORITY	RESERVOIR		RIGHT (AF)	STORED (AF)
1 MACKAY	44700.0	44580.0	-60.5	15.3	45699.8	1024.3	1	MACKAY		556.5	387.1
							2	MACKAY		294.0	205.6
							3	MACKAY		556.5	387.1
							4	MACKAY		1113.0	774.4
							5	MACKAY		140.0	94.6
							6	MACKAY		20646.0	20646.0
							7	MACKAY		17205.0	17205.0
							8	MACKAY		6000.0	6000.0
							TOTAL			46511.0	45699.8
CHANGE IN CONTENT	AF USED ABOVE	STORAGE USED	ARCO STORED	TOTAL STORED	UNACCT STORED						
YEAR-TO-DATE AF	13310.0	1212.3	825.5	1758.1	14300.1	5165.1					
DIVERSION	CFS DIVN	CFS STOR	AF USED	DIVERSION	CFS DIVN	CFS STOR	AF USED	DIVERSION	CFS DIVN	CFS STOR	AF USED
1 Sorensen	0.0	0.0	0.0	30 Zollinger/No Tel	4.1	0.0	0.0	59 6X Ranch Pump	0.0	0.0	6.8
2 HOWELL	1.8	0.0	1.2	31 Churn Dasher Ran	2.8	0.0	0.0	60 6X Ranch Navarre	1.2	0.0	0.0
3 KENT	2.0	0.0	0.8	32 No Tellum 1	1.2	0.0	0.0	61 Gates/Woods 3	0.0	0.0	0.0
4 BRADSHAW	0.0	0.0	0.0	33 No Tellum 2	1.1	0.0	0.0	62 6X Ranch 3	0.0	0.0	0.0
5 BITTON	2.4	0.0	0.0	34 No Tellum 3	2.4	0.0	0.0	63 6X Ranch 4	0.0	0.0	0.0
6 Anderson	2.5	1.6	205.5	35 Gates/Woods 1	0.0	0.0	0.0	64 MACKAY DAM	0.0	0.0	0.0
7 Thalman Hunter D	1.8	0.0	0.0	36 Gates/Woods 2	0.0	0.0	0.0	65 SHARP	12.4	0.0	46.8
8 Johnson/Hatmaker	5.7	0.0	0.0	37 No Tellum 4	0.0	0.0	0.0				
9 NEILSEN	39.0	0.0	213.4	38 No Tellum 5	0.0	0.0	0.0	67 SWAUGER	26.0	0.0	0.0
10 Bradshaw 2	0.0	0.0	0.0	39 Gates/Woods/6X R	0.0	0.0	0.0	68 MARINAC	0.0	0.0	0.0
11 CHILLY	71.2	4.9	473.9	40 Smith Pumps*	6.5	0.0	87.6	69 DARLINGTON	28.0	0.0	0.0
12 INGRAM	0.0	0.0	0.0	41 Freeman/Kent*	0.0	0.0	0.0	70 BURNETT	103.0	0.0	0.0
13 Cherian	0.2	0.0	1.5	42 Broken River Pum	0.0	0.0	0.0	71 SUTTER	12.4	2.5	65.3
14 LONGHURST	29.0	0.0	0.0	43 Broken River Dit	0.0	0.0	0.6	72 ANGELO	6.6	5.9	159.7
15 Mtn. Springs 3	1.2	0.0	0.0	44 Freeman 2*	0.0	0.0	0.0	73 BECK	15.6	0.0	0.0
16 Donahue 1	0.8	0.0	111.6	45 Freeman 3*	0.0	0.0	0.0	74 PEHRSON	4.0	0.0	0.0
17 Zollinger 1	1.8	0.0	0.0	46 Freeman/Hill Pum	0.0	0.0	0.0	75 LOW BURNETT	0.0	0.0	0.0
18 Zollinger 3	1.0	0.0	29.7	47 6X Ranch 5	0.0	0.0	8.7	76 3IN1	50.1	5.6	19.6
19 Pence Diversion	1.2	0.0	0.0	48 Johnson/Navarro	3.4	0.2	13.1	77 B&J	8.2	0.0	0.0
20 Unger	0.0	0.0	0.0	49 6X Ranch 6	0.0	0.0	0.0	78 MOORE	133.0	0.0	0.8

21	6X Ranch 1	6.2	0.0	0.0	50	Stoecklein 3*	0.0	0.0	0.0	79	EASTSIDE	128.0	32.7	268.1	
22	Mtn. Springs 1	2.3	0.0	0.0	51	Upper Fish Hatch	4.9	0.0	2.7	80	ARCO	27.9	0.0	0.0	
23	Mtn. Springs 4	0.0	0.0	0.0	52	Freeman Ditch	0.0	0.0	0.0	81	MUNSEY	38.1	0.0	312.0	
1	24 Mtn. Springs 2	1.8	0.0	0.0	53	Stoecklein 1	1.0	0.0	0.0	82	MILLER	0.0	0.0	0.0	1
2	25 Donahue 2	1.4	0.0	0.0	54	Stoecklein 2	1.0	0.0	0.0	83	MCLAUGHLIN	0.0	0.0	0.0	2
3	26 Simmons	1.6	0.0	0.0	55	Stoecklein 4	0.0	0.0	0.0	84	FOLKMAN PUMP	0.0	0.0	0.0	3
4	27 Donahue 4	0.0	0.0	0.0	56	Shoupe Ditch*	3.6	0.4	8.3	85	HUGGINS PUMP	0.0	0.0	0.0	4
5	28 Donahue 3	0.7	0.0	0.0	57	Gates Pump 1	0.0	0.0	0.0	86	QUIST PUMP #1	0.0	0.0	0.0	5
6	29 Zollinger 2	1.2	0.0	0.0	58	Gates Pump 2	0.0	0.0	0.0						6
7															7
8	(1) BITTON USE COMBINED WITH KENT DITCH														8
9															9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1														10
11															11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON														12
13															13
14	(4) SIMMONS USE COMBINED WITH NEILSEN														14
15															15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY														16
17															17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3														18
19															19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2														20
21															21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3														22
23															23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE														24
25															25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1														26
27															27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH														28
29															29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT														30
31															31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH														32
33															33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5														34
35															35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2														36
37															37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP														38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION														39
40															40
41															41
42															42
43															43
44															44
45															45
46															46
47															47
48															48
49															49
50															50
51															51
52															52
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54															54
55															55
56															56
57															57
58															58
59															59
60															60
61															61

1	REACH LOSS DATA - JUN 30, 2009												1
2													2
3													3
4	REACH		ACTUAL DATE	TOTAL GAIN	STORAGE GAIN								4
5													5
6													6
7	8	BIG LOST AT HOWELL	JUN 27	1452.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUN 28	-173.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUN 28	-14.	0.								9
10	2	BIG LOST AT LESLIE	JUN 28	-238.	14.								10
11	3	BIG LOST BLW MOORE DIV	JUN 29	-245.	30.								11
12	5	BIG LOST BLW MUNSEY DIV	JUN 30	120.	0.								12
13	6	BIG LOST NR ARCO	JUN 30	-5.	0.								13
14													14
15													15
16	RECHARGE DELIVERY ESTIMATES FOR ACCOUNTING DAY												16
17	ESTIMATED RECHARGE QUANTITIES:												17
18	ABV MACKAY DAM: 14. AF												18
19	BLW MAKCAY DAM: 97. AF												19
20	ESTIMATED EXCESS DIVERSIONS AND STORAGE DIVERSIONS:												20
21	EXCESS ABV DAM: 0. AF												21
22	STORAGE BLW DAM: 0. AF												22
23													23
24	TOTAL RCHRG YTD		1466.										24
25													25
26													26
27													27
28													28
29													29
30	EXCHANGE PUMP DATA - JUN 30, 2009												30
31													31
32	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	32
33													33
34	1	Neilsen injectio	12.	1279.2	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	34
35	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	35
36	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	36
37	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	37
38	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					38
39													39
40													40
41													41
42													42
43													43
44													44
45													45
46													46
47													47
48													48
49													49
50													50
51													51
52													52
53													53
54													54
55													55
56													56
57													57
58													58
59													59
60													60
61													61

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) JUL 1, 2009

20091110

1	WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (V2.0FC) JUL 1, 2009												20091110		
2	REACH FLOWS IN CFS		ACTUAL	NATURAL	ACTUAL RMAINING	EXCHANGE	STORED	RESRVOIR	NATURAL	TOTAL	REACH				
3			DATE	FLOW	FLOW NAT FLOW	FLOW	FLOW	EVAP	FLOW DIV	RCH DIV	GAIN LAST RIGHT				
4															
5	8	BIG LOST AT HOWELL	JUN 28	1311.8	1310.0	1310.0	0.0	0.0	0.0	1.8	1.8	1311.8	19870806		
6	7	BIG LOST ABV MACKAY RES *	JUN 29	1170.3	962.3	960.3	15.8	2.0	0.0	208.2	221.9	-141.5	19870806		
7	1	BIG LOST BLW MACKAY RES	JUN 29	1156.5	1000.0	918.8	0.0	81.2	16.3	27.7	12.4	-13.8	19870806		
8	2	BIG LOST AT LESLIE	JUN 29	947.7	645.0	537.8	0.0	107.2	0.0	172.2	181.7	-208.8	19870806		
9	3	BIG LOST BLW MOORE DIV	JUN 30	721.6	93.0	16.2	0.0	76.8	0.0	295.6	333.0	-226.1	19870806		
10	5	BIG LOST BLW MUNSEY DIV	JUL 1	848.1	134.0	76.6	0.0	57.4	0.0	66.0	66.0	126.5	19870806		
11	6	BIG LOST NR ARCO	JUL 1	843.4	129.0	72.0	0.0	57.0	0.0	0.0	0.0	-4.6	19870806		
12															
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED							TOTALS		771.	817.	843.			
14															
15															
16															
17	RESERVOIR		PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR		RIGHT	STORED		
18			(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)				(AF)	(AF)		
19															
20	1	MACKAY	44580.0	44420.0	-80.7	15.3	45730.1	1056.7	1	MACKAY		556.5	393.4		
21									2	MACKAY		294.0	209.0		
22									3	MACKAY		556.5	393.4		
23									4	MACKAY		1113.0	787.1		
24									5	MACKAY		140.0	96.2		
25									6	MACKAY		20646.0	20646.0		
26									7	MACKAY		17205.0	17205.0		
27									8	MACKAY		6000.0	6000.0		
28															
29	TOTAL										46511.0	45730.1			
30															
31	CHANGE IN		AF USED	STORAGE	ARCO	TOTAL	UNACCT								
32	CONTENT		ABOVE	USED	STORED	STORED	STORED								
33															
34	YEAR-TO-DATE AF	13150.0	1239.7	914.4	1871.2	14330.4	5165.1								
35															
36															
37															
38	CFS		CFS	AF	CFS		CFS	AF	CFS		CFS	AF			
39	DIVN		STOR	USED	DIVN		STOR	USED	DIVN		STOR	USED			
40															
41	1	Sorensen	0.0	0.0	0.0	30	Zollinger/No Tel	4.0	0.0	0.0	59	6X Ranch Pump	0.0	0.0	6.8
42	2	HOWELL	1.8	0.0	1.2	31	Churn Dasher Ran	1.2	0.0	0.0	60	6X Ranch Navarre	1.2	0.0	0.0
43	3	KENT	2.4	0.0	0.8	32	No Tellum 1	1.4	0.0	0.0	61	Gates/Woods 3	0.0	0.0	0.0
44	4	BRADSHAW	0.0	0.0	0.0	33	No Tellum 2	1.5	0.0	0.0	62	6X Ranch 3	0.0	0.0	0.0
45	5	BITTON	0.4	0.0	0.0	34	No Tellum 3	2.0	0.0	0.0	63	6X Ranch 4	0.0	0.0	0.0
46	6	Anderson	2.6	2.1	209.8	35	Gates/Woods 1	0.0	0.0	0.0	64	MACKAY DAM	0.0	0.0	0.0
47	7	Thalman Hunter D	4.1	0.0	0.0	36	Gates/Woods 2	0.0	0.0	0.0	65	SHARP	12.4	0.0	46.8
48	8	Johnson/Hatmaker	6.1	0.0	0.0	37	No Tellum 4	0.0	0.0	0.0					
49	9	NEILSEN	39.3	0.0	213.4	38	No Tellum 5	0.0	0.0	0.0	67	SWAUGER	26.7	0.0	0.0
50	10	Bradshaw 2	0.0	0.0	0.0	39	Gates/Woods/6X R	0.0	0.0	0.0	68	MARINAC	0.0	0.0	0.0
51	11	CHILLY	80.0	10.7	495.1	40	Smith Pumps*	6.0	0.0	87.6	69	DARLINGTON	28.0	0.0	0.0
52	12	INGRAM	0.0	0.0	0.0	41	Freeman/Kent*	0.0	0.0	0.0	70	BURNETT	103.0	0.0	0.0
53	13	Cherian	0.0	0.0	1.5	42	Broken River Pum	2.3	0.0	0.0	71	SUTTER	12.0	2.1	69.4
54	14	LONGHURST	26.0	0.0	0.0	43	Broken River Dit	1.2	0.0	0.6	72	ANGELO	6.0	5.3	170.2
55	15	Mtn. Springs 3	1.3	0.0	0.0	44	Freeman 2*	0.0	0.0	0.0	73	BECK	15.6	0.0	0.0
56	16	Donahue 1	0.8	0.0	111.6	45	Freeman 3*	0.0	0.0	0.0	74	PEHRSON	4.0	0.0	0.0
57	17	Zollinger 1	2.8	0.0	0.0	46	Freeman/Hill Pum	0.0	0.0	0.0	75	LOW BURNETT	0.0	0.0	0.0
58	18	Zollinger 3	1.6	0.0	29.7	47	6X Ranch 5	0.0	0.0	8.7	76	3IN1	49.2	4.7	29.0
59	19	Pence Diversion	1.2	0.0	0.0	48	Johnson/Navarro	3.8	0.6	14.3	77	B&J	8.2	0.0	0.0
60	20	Unger	0.0	0.0	0.0	49	6X Ranch 6	0.0	0.0	0.0	78	MOORE	128.0	0.0	0.8

1	REACH LOSS DATA - JUL 1, 2009												1
2													2
3													3
4	REACH		ACTUAL DATE	TOTAL GAIN	STORAGE GAIN								4
5													5
6													6
7	8	BIG LOST AT HOWELL	JUN 28	1312.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUN 29	-142.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUN 29	-14.	0.								9
10	2	BIG LOST AT LESLIE	JUN 29	-223.	18.								10
11	3	BIG LOST BLW MOORE DIV	JUN 30	-257.	43.								11
12	5	BIG LOST BLW MUNSEY DIV	JUL 1	126.	0.								12
13	6	BIG LOST NR ARCO	JUL 1	-5.	2.								13
14													14
15													15
16	RECHARGE DELIVERY ESTIMATES FOR ACCOUNTING DAY												16
17	ESTIMATED RECHARGE QUANTITIES:												17
18	ABV MACKAY DAM: 27. AF												18
19	BLW MAKCAY DAM: 93. AF												19
20	ESTIMATED EXCESS DIVERSIONS AND STORAGE DIVERSIONS:												20
21	EXCESS ABV DAM: 0. AF												21
22	STORAGE BLW DAM: 0. AF												22
23													23
24	TOTAL RCHRG YTD		1586.										24
25													25
26													26
27													27
28													28
29													29
30	EXCHANGE PUMP DATA - JUL 1, 2009												30
31													31
32	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	32
33													33
34	1	Neilsen injectio	16.	1310.6	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	34
35	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	35
36	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	36
37	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	37
38	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					38
39													39
40													40
41													41
42													42
43													43
44													44
45													45
46													46
47													47
48													48
49													49
50													50
51													51
52													52
53													53
54													54
55													55
56													56
57													57
58													58
59													59
60													60
61													61

1														1		
2	REACH FLOWS IN CFS				ACTUAL	NATURAL	ACTUAL RMAINING		EXCHANGE	STORED	RESRVOIR	NATURAL	TOTAL	REACH	2	
3					DATE	FLOW	FLOW	NAT FLOW	FLOW	FLOW	EVAP	FLOW	DIV	RCH DIV	GAIN LAST RIGHT	3
4															4	
5	8	BIG	LOST	AT HOWELL	JUN 29	1302.1	1300.0	1300.0	0.0	0.0	0.0	2.1	2.1	1302.1	19870806	5
6	7	BIG	LOST	ABV MACKAY RES *	JUN 30	1212.1	1004.9	1002.9	15.8	2.0	0.0	207.1	220.9	-90.0	19870806	6
7	1	BIG	LOST	BLW MACKAY RES	JUN 30	1198.1	970.0	961.3	0.0	8.7	13.3	27.7	12.4	-14.0	19870806	7
8	2	BIG	LOST	AT LESLIE	JUN 30	1012.1	620.0	603.0	0.0	17.0	0.0	172.2	181.7	-186.0	19870806	8
9	3	BIG	LOST	BLW MOORE DIV	JUL 1	810.3	93.0	94.4	0.0	-1.4	0.0	306.8	345.2	-201.8	19870806	9
10	5	BIG	LOST	BLW MUNSEY DIV	JUL 2	927.8	104.0	145.9	0.0	-41.9	0.0	66.0	66.0	117.5	19870806	10
11	6	BIG	LOST	NR ARCO	JUL 2	924.9	99.0	143.1	0.0	-44.1	0.0	0.0	0.0	-2.9	19870806	11
12															12	
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED										TOTALS	782.	828.	925.	13	
14															14	
15															15	
16															16	
17	RESERVOIR		PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR		RIGHT		STORED	17	
18			(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)				(AF)		(AF)	18	
19	1	MACKAY	44420.0	44410.0	-5.0	15.3	45760.5	1083.0	1	MACKAY	556.5		399.8	19		
20										2	MACKAY	294.0		212.4	20	
21										3	MACKAY	556.5		399.8	21	
22										4	MACKAY	1113.0		799.8	22	
23										5	MACKAY	140.0		97.8	23	
24										6	MACKAY	20646.0		20646.0	24	
25										7	MACKAY	17205.0		17205.0	25	
26										8	MACKAY	6000.0		6000.0	26	
27															27	
28	TOTAL												46511.0	45760.5	28	
29															29	
30															30	
31	CHANGE IN		AF USED	STORAGE	ARCO	TOTAL	UNACCT								31	
32	CONTENT		ABOVE	USED	STORED	STORED	STORED								32	
33															33	
34	YEAR-TO-DATE	AF	13140.0	1267.0	1005.2	1871.2	14360.8	5252.5							34	
35															35	
36															36	
37															37	
38	CFS		CFS	AF	CFS			CFS	AF	CFS		CFS	AF	38		
39	DIVN		STOR	USED	DIVN			STOR	USED	DIVN		STOR	USED	39		
40															40	
41	1	Sorensen	0.0	0.0	0.0	30	Zollinger/No Tel	4.0	0.0	0.0	59	6X Ranch Pump	0.0	0.0	6.8	41
42	2	HOWELL	2.1	0.0	1.2	31	Churn Dasher Ran	1.2	0.0	0.0	60	6X Ranch Navarre	1.5	0.0	0.0	42
43	3	KENT	2.4	0.0	0.8	32	No Tellum 1	1.4	0.0	0.0	61	Gates/Woods 3	0.0	0.0	0.0	43
44	4	BRADSHAW	0.0	0.0	0.0	33	No Tellum 2	1.5	0.0	0.0	62	6X Ranch 3	0.0	0.0	0.0	44
45	5	BITTON	0.4	0.0	0.0	34	No Tellum 3	2.0	0.0	0.0	63	6X Ranch 4	0.0	0.0	0.0	45
46	6	Anderson	2.6	2.1	214.0	35	Gates/Woods 1	0.0	0.0	0.0	64	MACKAY DAM	0.0	0.0	0.0	46
47	7	Thalman Hunter D	4.1	0.0	0.0	36	Gates/Woods 2	0.0	0.0	0.0	65	SHARP	12.4	0.0	46.8	47
48	8	Johnson/Hatmaker	6.1	0.0	0.0	37	No Tellum 4	0.0	0.0	0.0						48
49	9	NEILSEN	39.3	0.0	213.4	38	No Tellum 5	0.0	0.0	0.0	67	SWAUGER	26.7	0.0	0.0	49
50	10	Bradshaw 2	0.0	0.0	0.0	39	Gates/Woods/6X R	0.0	0.0	0.0	68	MARINAC	0.0	0.0	0.0	50
51	11	CHILLY	80.0	10.7	516.2	40	Smith Pumps*	6.0	0.0	87.6	69	DARLINGTON	28.0	0.0	0.0	51
52	12	INGRAM	0.0	0.0	0.0	41	Freeman/Kent*	0.0	0.0	0.0	70	BURNETT	103.0	0.0	0.0	52
53	13	Cherian	0.0	0.0	1.5	42	Broken River Pum	2.3	0.0	0.0	71	SUTTER	12.0	2.1	73.5	53
54	14	LONGHURST	26.0	0.0	0.0	43	Broken River Dit	1.2	0.0	0.6	72	ANGELO	6.0	5.3	180.7	54
55	15	Mtn. Springs 3	1.3	0.0	0.0	44	Freeman 2*	0.0	0.0	0.0	73	BECK	15.6	0.0	0.0	55
56	16	Donahue 1	0.8	0.0	111.6	45	Freeman 3*	0.0	0.0	0.0	74	PEHRSON	4.0	0.0	0.0	56
57	17	Zollinger 1	2.8	0.0	0.0	46	Freeman/Hill Pum	0.0	0.0	0.0	75	LOW BURNETT	0.0	0.0	0.0	57
58	18	Zollinger 3	1.6	0.0	29.7	47	6X Ranch 5	0.0	0.0	8.7	76	3IN1	50.2	5.7	40.4	58
59	19	Pence Diversion	1.2	0.0	0.0	48	Johnson/Navarro	3.8	0.6	15.5	77	B&J	10.4	0.0	0.0	59
60	20	Unger	0.0	0.0	0.0	49	6X Ranch 6	0.0	0.0	0.0	78	MOORE	137.0	0.0	0.8	60

1	REACH LOSS DATA - JUL 2, 2009												1
2													2
3													3
4													4
5	REACH		ACTUAL	TOTAL	STORAGE								5
6			DATE	GAIN	GAIN								6
7	8	BIG LOST AT HOWELL	JUN 29	1302.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUN 30	-90.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUN 30	-14.	0.								9
10	2	BIG LOST AT LESLIE	JUN 30	-204.	2.								10
11	3	BIG LOST BLW MOORE DIV	JUL 1	-244.	7.								11
12	5	BIG LOST BLW MUNSEY DIV	JUL 2	118.	0.								12
13	6	BIG LOST NR ARCO	JUL 2	-5.	0.								13
14													14
15													15
16	RECHARGE DELIVERY ESTIMATES FOR ACCOUNTING DAY												16
17	ESTIMATED RECHARGE QUANTITIES:												17
18	ABV MACKAY DAM: 27. AF												18
19	BLW MAKCAY DAM: 95. AF												19
20	ESTIMATED EXCESS DIVERSIONS AND STORAGE DIVERSIONS:												20
21	EXCESS ABV DAM: 0. AF												21
22	STORAGE BLW DAM: 0. AF												22
23													23
24	TOTAL RCHRG YTD		1709.										24
25													25
26													26
27													27
28													28
29													29
30	EXCHANGE PUMP DATA - JUL 2, 2009												30
31													31
32	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	32
33													33
34	1	Neilsen injectio	16.	1341.9	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	34
35	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	35
36	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	36
37	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	37
38	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					38
39													39
40													40
41													41
42													42
43													43
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57													57
58													58
59													59
60													60
61													61

1														1
2	REACH FLOWS IN CFS			ACTUAL	NATURAL	ACTUAL RMAINING		EXCHANGE	STORED	RESRVOIR	NATURAL	TOTAL	REACH	2
3				DATE	FLOW	FLOW	NAT FLOW	FLOW	FLOW	EVAP	FLOW	DIV	RCH DIV	GAIN LAST RIGHT
4														3
5	8	BIG LOST AT HOWELL	JUN 30	1312.1	1310.0	1310.0	0.0	0.0	0.0	2.1	2.1	1312.1	19870806	5
6	7	BIG LOST ABV MACKAY RES *	JUL 1	1201.5	1000.5	993.5	15.8	7.0	0.0	205.9	214.7	-110.6	19870806	6
7	1	BIG LOST BLW MACKAY RES	JUL 1	1187.4	961.0	951.7	0.0	9.3	12.8	27.7	12.4	-14.1	19870806	7
8	2	BIG LOST AT LESLIE	JUL 1	1020.0	637.0	600.1	0.0	36.9	0.0	184.2	193.7	-167.4	19870806	8
9	3	BIG LOST BLW MOORE DIV	JUL 2	806.3	91.0	80.6	0.0	10.4	0.0	305.8	346.2	-213.7	19870806	9
10	5	BIG LOST BLW MUNSEY DIV	JUL 3	890.8	62.0	99.1	0.0	-37.1	0.0	66.0	66.0	84.5	19870806	10
11	6	BIG LOST NR ARCO	JUL 3	885.5	56.0	93.9	0.0	-37.9	0.0	0.0	0.0	-5.2	19870806	11
12														12
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED									TOTALS	792.	835.	886.	13
14														14
15														15
16														16
17	RESERVOIR	PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR			RIGHT	STORED	17
18		(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)					(AF)	(AF)	18
19	1 MACKAY	44410.0	44410.0	0.0	15.3	45790.8	1108.4	1	MACKAY			556.5	406.1	19
20								2	MACKAY			294.0	215.7	20
21								3	MACKAY			556.5	406.1	21
22								4	MACKAY			1113.0	812.5	22
23								5	MACKAY			140.0	99.3	23
24								6	MACKAY			20646.0	20646.0	24
25								7	MACKAY			17205.0	17205.0	25
26								8	MACKAY			6000.0	6000.0	26
27	TOTAL											46511.0	45790.8	27
28														28
29														29
30														30
31		CHANGE IN	AF USED	STORAGE	ARCO	TOTAL	UNACCT							31
32		CONTENT	ABOVE	USED	STORED	STORED	STORED							32
33														33
34	YEAR-TO-DATE AF	13140.0	1284.5	1100.0	1871.2	14391.1	5327.6							34
35														35
36														36
37														37
38		CFS	CFS	AF		CFS	CFS	AF		CFS	CFS	AF		38
39	DIVERSION	DIVN	STOR	USED	DIVERSION	DIVN	STOR	USED	DIVERSION	DIVN	STOR	USED		39
40														40
41	1 Sorensen	0.0	0.0	0.0	30 Zollinger/No Tel	4.0	0.0	0.0	59 6X Ranch Pump	0.0	0.0	6.8		41
42	2 HOWELL	2.1	0.0	1.2	31 Churn Dasher Ran	1.2	0.0	0.0	60 6X Ranch Navarre	1.5	0.0	0.0		42
43	3 KENT	2.4	0.0	0.8	32 No Tellum 1	1.4	0.0	0.0	61 Gates/Woods 3	0.0	0.0	0.0		43
44	4 BRADSHAW	0.0	0.0	0.0	33 No Tellum 2	1.5	0.0	0.0	62 6X Ranch 3	0.0	0.0	0.0		44
45	5 BITTON	0.4	0.0	0.0	34 No Tellum 3	2.0	0.0	0.0	63 6X Ranch 4	0.0	0.0	0.0		45
46	6 Anderson	2.6	2.1	218.3	35 Gates/Woods 1	0.0	0.0	0.0	64 MACKAY DAM	0.0	0.0	0.0		46
47	7 Thalman Hunter D	4.1	0.0	0.0	36 Gates/Woods 2	0.0	0.0	0.0	65 SHARP	12.4	0.0	46.8		47
48	8 Johnson/Hatmaker	6.1	0.0	0.0	37 No Tellum 4	0.0	0.0	0.0						48
49	9 NEILSEN	39.3	0.0	213.4	38 No Tellum 5	0.0	0.0	0.0	67 SWAUGER	26.7	0.0	0.0		49
50	10 Bradshaw 2	0.0	0.0	0.0	39 Gates/Woods/6X R	0.0	0.0	0.0	68 MARINAC	0.0	0.0	0.0		50
51	11 CHILLY	80.0	5.7	527.4	40 Smith Pumps*	6.0	0.0	87.6	69 DARLINGTON	40.0	0.0	0.0		51
52	12 INGRAM	0.0	0.0	0.0	41 Freeman/Kent*	0.0	0.0	0.0	70 BURNETT	103.0	0.0	0.0		52
53	13 Cherian	0.0	0.0	1.5	42 Broken River Pum	2.3	0.0	0.0	71 SUTTER	12.0	2.1	77.6		53
54	14 LONGHURST	21.0	0.0	0.0	43 Broken River Dit	1.2	0.0	0.6	72 ANGELO	6.0	5.3	191.1		54
55	15 Mtn. Springs 3	1.3	0.0	0.0	44 Freeman 2*	0.0	0.0	0.0	73 BECK	15.6	0.0	0.0		55
56	16 Donahue 1	0.8	0.0	111.6	45 Freeman 3*	0.0	0.0	0.0	74 PEHRSON	4.0	0.0	0.0		56
57	17 Zollinger 1	2.8	0.0	0.0	46 Freeman/Hill Pum	0.0	0.0	0.0	75 LOW BURNETT	0.0	0.0	0.0		57
58	18 Zollinger 3	1.6	0.0	29.7	47 6X Ranch 5	0.0	0.0	8.7	76 3IN1	50.2	5.7	51.7		58
59	19 Pence Diversion	0.0	0.0	0.0	48 Johnson/Navarro	3.8	0.6	16.7	77 B&J	10.4	0.0	0.0		59
60	20 Unger	0.0	0.0	0.0	49 6X Ranch 6	0.0	0.0	0.0	78 MOORE	136.0	0.0	0.8		60

1	REACH LOSS DATA - JUL 3, 2009												1
2													2
3													3
4													4
5	REACH		ACTUAL	TOTAL	STORAGE								5
6			DATE	GAIN	GAIN								6
7	8	BIG LOST AT HOWELL	JUN 30	1312.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUL 1	-111.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUL 1	-14.	0.								9
10	2	BIG LOST AT LESLIE	JUL 1	-169.	2.								10
11	3	BIG LOST BLW MOORE DIV	JUL 2	-220.	13.								11
12	5	BIG LOST BLW MUNSEY DIV	JUL 3	84.	0.								12
13	6	BIG LOST NR ARCO	JUL 3	-5.	0.								13
14													14
15													15
16	RECHARGE DELIVERY ESTIMATES FOR ACCOUNTING DAY												16
17	ESTIMATED RECHARGE QUANTITIES:												17
18	ABV MACKAY DAM: 17. AF												18
19	BLW MAKCAY DAM: 99. AF												19
20	ESTIMATED EXCESS DIVERSIONS AND STORAGE DIVERSIONS:												20
21	EXCESS ABV DAM: 0. AF												21
22	STORAGE BLW DAM: 0. AF												22
23													23
24	TOTAL RCHRG YTD		1825.										24
25													25
26													26
27													27
28													28
29													29
30	EXCHANGE PUMP DATA - JUL 3, 2009												30
31													31
32	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	32
33													33
34	1	Neilsen injectio	16.	1373.3	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	34
35	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	35
36	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	36
37	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	37
38	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					38
39													39
40													40
41													41
42													42
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WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) JUL 4, 2009

20091110

1															1			
2	REACH FLOWS IN CFS				ACTUAL	NATURAL	ACTUAL RMAINING		EXCHANGE	STORED	RESRVOIR	NATURAL	TOTAL	REACH	2			
3					DATE	FLOW	FLOW	NAT FLOW	FLOW	FLOW	EVAP	FLOW	DIV	RCH DIV	GAIN LAST RIGHT	3		
4															4			
5	8	BIG	LOST	AT HOWELL	JUL 1	1222.1	1220.0	1220.0	0.0	0.0	0.0	2.1	2.1	1222.1	19870806	5		
6	7	BIG	LOST	ABV MACKAY RES *	JUL 2	1116.1	915.2	908.2	15.8	7.0	0.0	205.9	214.7	-106.0	19870806	6		
7	1	BIG	LOST	BLW MACKAY RES	JUL 2	1101.8	916.0	866.2	0.0	49.8	12.8	27.7	12.4	-14.3	19870806	7		
8	2	BIG	LOST	AT LESLIE	JUL 2	949.6	574.0	522.8	0.0	51.2	0.0	191.2	198.7	-152.2	19870806	8		
9	3	BIG	LOST	BLW MOORE DIV	JUL 3	778.0	92.0	47.4	0.0	44.6	0.0	303.8	344.8	-171.6	19870806	9		
10	5	BIG	LOST	BLW MUNSEY DIV	JUL 4	836.0	37.0	39.4	0.0	-2.4	0.0	66.0	66.0	58.0	19870806	10		
11	6	BIG	LOST	NR ARCO	JUL 4	830.5	31.0	33.9	0.0	-2.9	0.0	0.0	0.0	-5.5	19870806	11		
12															12			
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED										TOTALS	797.	839.	831.		13		
14															14			
15															15			
16															16			
17	RESERVOIR	PREV	CONT	CURR	CONT	CHNG	CONT	ACC	STOR	TOTL	STOR	TOTL	EVP	PRIORITY	RESERVOIR	RIGHT	STORED	17
18		(AF)	(AF)	(AF)	(CFS)	(CFS)	(CFS)	(CFS)	(AF)	(AF)	(AF)	(AF)	(AF)			(AF)	(AF)	18
19	1	MACKAY	44410.0	44330.0	-40.3	15.3	45821.0	1133.8						1	MACKAY	556.5	412.4	19
20														2	MACKAY	294.0	219.1	20
21														3	MACKAY	556.5	412.4	21
22														4	MACKAY	1113.0	825.2	22
23														5	MACKAY	140.0	100.9	23
24														6	MACKAY	20646.0	20646.0	24
25														7	MACKAY	17205.0	17205.0	25
26														8	MACKAY	6000.0	6000.0	26
27																		27
28														TOTAL		46511.0	45821.0	28
29																		29
30																		30
31		CHANGE IN	CONTENT	AF USED	ABOVE	STORAGE	USED	ARCO	STORED	TOTAL	STORED	UNACCT	STORED					31
32																		32
33																		33
34	YEAR-TO-DATE	AF	13060.0	1301.9	1191.9	1871.2	14421.4	5333.3										34
35																		35
36																		36
37																		37
38		CFS	CFS	AF				CFS	CFS	AF				CFS	CFS	AF		38
39	DIVERSION	DIVN	STOR	USED	DIVERSION	DIVN	STOR	USED	DIVERSION	DIVN	STOR	USED	DIVERSION	DIVN	STOR	USED		39
40																		40
41	1	Sorensen	0.0	0.0	0.0	30	Zollinger/No Tel	4.0	0.0	0.0	59	6X Ranch Pump	0.0	0.0	0.8			41
42	2	HOWELL	2.1	0.0	0.0	31	Churn Dasher Ran	1.2	0.0	0.0	60	6X Ranch Navarre	1.5	0.0	0.0			42
43	3	KENT	2.4	0.0	0.0	32	No Tellum 1	1.4	0.0	0.0	61	Gates/Woods 3	0.0	0.0	0.0			43
44	4	BRADSHAW	0.0	0.0	0.0	33	No Tellum 2	1.5	0.0	0.0	62	6X Ranch 3	0.0	0.0	0.0			44
45	5	BITTON	0.4	0.0	0.0	34	No Tellum 3	2.0	0.0	0.0	63	6X Ranch 4	0.0	0.0	0.0			45
46	6	Anderson	2.6	2.1	105.4	35	Gates/Woods 1	0.0	0.0	0.0	64	MACKAY DAM	0.0	0.0	0.0			46
47	7	Thalman Hunter D	4.1	0.0	0.0	36	Gates/Woods 2	0.0	0.0	0.0	65	SHARP	12.4	0.0	46.8			47
48	8	Johnson/Hatmaker	6.1	0.0	0.0	37	No Tellum 4	0.0	0.0	0.0								48
49	9	NEILSEN	39.3	0.0	40.1	38	No Tellum 5	0.0	0.0	0.0	67	SWAUGER	26.7	0.0	0.0			49
50	10	Bradshaw 2	0.0	0.0	0.0	39	Gates/Woods/6X R	0.0	0.0	0.0	68	MARINAC	0.0	0.0	0.0			50
51	11	CHILLY	80.0	5.7	15.4	40	Smith Pumps*	6.0	0.0	85.8	69	DARLINGTON	50.0	0.0	0.0			51
52	12	INGRAM	0.0	0.0	0.0	41	Freeman/Kent*	0.0	0.0	0.0	70	BURNETT	100.0	0.0	0.0			52
53	13	Cherian	0.0	0.0	1.3	42	Broken River Pum	2.3	0.0	0.0	71	SUTTER	10.0	0.1	0.1			53
54	14	LONGHURST	21.0	0.0	0.0	43	Broken River Dit	1.2	0.0	0.6	72	ANGELO	6.0	5.3	10.5			54
55	15	Mtn. Springs 3	1.3	0.0	0.0	44	Freeman 2*	0.0	0.0	0.0	73	BECK	15.6	0.0	0.0			55
56	16	Donahue 1	0.8	0.0	61.4	45	Freeman 3*	0.0	0.0	0.0	74	PEHRSON	4.0	0.0	0.0			56
57	17	Zollinger 1	2.8	0.0	0.0	46	Freeman/Hill Pum	0.0	0.0	0.0	75	LOW BURNETT	0.0	0.0	0.0			57
58	18	Zollinger 3	1.6	0.0	20.2	47	6X Ranch 5	0.0	0.0	0.0	76	3IN1	50.8	6.3	12.6			58
59	19	Pence Diversion	0.0	0.0	0.0	48	Johnson/Navarro	3.8	0.6	5.6	77	B&J	10.4	0.0	0.0			59
60	20	Unger	0.0	0.0	0.0	49	6X Ranch 6	0.0	0.0	0.0	78	MOORE	134.0	0.0	0.8			60

1	REACH LOSS DATA - JUL 4, 2009												1
2													2
3													3
4	REACH		ACTUAL DATE	TOTAL GAIN	STORAGE GAIN								4
5													5
6													6
7	8	BIG LOST AT HOWELL	JUL 1	1222.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUL 2	-106.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUL 2	-14.	0.								9
10	2	BIG LOST AT LESLIE	JUL 2	-154.	8.								10
11	3	BIG LOST BLW MOORE DIV	JUL 3	-184.	16.								11
12	5	BIG LOST BLW MUNSEY DIV	JUL 4	58.	0.								12
13	6	BIG LOST NR ARCO	JUL 4	-6.	0.								13
14													14
15													15
16													16
17													17
18	EXCHANGE PUMP DATA - JUL 4, 2009												18
19													19
20	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	20
21													21
22	1	Neilsen injectio	16.	1404.6	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	22
23	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	23
24	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	24
25	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	25
26	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					26
27													27
28													28
29													29
30													30
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WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) JUL 5, 2009

20091110

1														1	
2	REACH FLOWS IN CFS			ACTUAL	NATURAL	ACTUAL RMAINING		EXCHANGE	STORED	RESRVOIR	NATURAL	TOTAL	REACH		2
3				DATE	FLOW	FLOW	NAT FLOW	FLOW	FLOW	EVAP	FLOW	DIV	RCH DIV	GAIN LAST RIGHT	3
4															4
5	8	BIG LOST AT HOWELL	JUL 2	1102.1	1100.0	1100.0	0.0	0.0	0.0	2.1	2.1	1102.1	19160601	5	
6	7	BIG LOST ABV MACKAY RES *	JUL 3	1025.1	822.0	808.7	21.9	13.2	0.0	214.3	223.0	-77.0	19160601	6	
7	1	BIG LOST BLW MACKAY RES	JUL 3	1010.8	848.0	766.7	0.0	81.3	12.8	27.7	12.4	-14.3	19160601	7	
8	2	BIG LOST AT LESLIE	JUL 3	870.4	523.0	462.0	0.0	61.0	0.0	164.3	171.7	-140.4	19160601	8	
9	3	BIG LOST BLW MOORE DIV	JUL 4	735.1	92.0	28.5	0.0	63.5	0.0	298.2	342.8	-135.3	19160601	9	
10	5	BIG LOST BLW MUNSEY DIV	JUL 5	775.1	61.0	5.5	0.0	55.5	0.0	63.0	66.0	40.0	19160601	10	
11	6	BIG LOST NR ARCO	JUL 5	769.6	56.0	0.0	0.0	56.0	0.0	0.0	0.0	-5.5	19160601	11	
12															12
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED									TOTALS	770.	818.	770.	13	
14															14
15															15
16															16
17	RESERVOIR	PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR			RIGHT	STORED	17	
18		(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)					(AF)	(AF)	18	
19	1 MACKAY	44330.0	44200.0	-65.5	15.3	45851.4	1159.3	1	MACKAY			556.5	418.8	19	
20								2	MACKAY			294.0	222.4	20	
21								3	MACKAY			556.5	418.8	21	
22								4	MACKAY			1113.0	837.9	22	
23								5	MACKAY			140.0	102.5	23	
24								6	MACKAY			20646.0	20646.0	24	
25								7	MACKAY			17205.0	17205.0	25	
26								8	MACKAY			6000.0	6000.0	26	
27															27
28	TOTAL												46511.0	45851.4	28
29															29
30															30
31		CHANGE IN	AF USED	STORAGE	ARCO	TOTAL	UNACCT								31
32		CONTENT	ABOVE	USED	STORED	STORED	STORED								32
33															33
34	YEAR-TO-DATE AF	12930.0	1319.1	1296.7	1982.3	14451.8	5333.3								34
35															35
36															36
37															37
38		CFS	CFS	AF		CFS	CFS	AF		CFS	CFS	AF		38	
39	DIVERSION	DIVN	STOR	USED	DIVERSION	DIVN	STOR	USED	DIVERSION	DIVN	STOR	USED		39	
40															40
41	1 Sorensen	0.0	0.0	0.0	30 Zollinger/No Tel	4.0	0.0	0.0	59 6X Ranch Pump	0.0	0.0	0.8		41	
42	2 HOWELL	2.1	0.0	0.0	31 Churn Dasher Ran	1.2	0.0	0.0	60 6X Ranch Navarre	1.5	0.0	0.0		42	
43	3 KENT	2.4	0.0	0.0	32 No Tellum 1	1.4	0.0	0.0	61 Gates/Woods 3	0.0	0.0	0.0		43	
44	4 BRADSHAW	0.0	0.0	0.0	33 No Tellum 2	1.5	0.0	0.0	62 6X Ranch 3	0.0	0.0	0.0		44	
45	5 BITTON	0.4	0.0	0.0	34 No Tellum 3	2.0	0.0	0.0	63 6X Ranch 4	0.0	0.0	0.0		45	
46	6 Anderson	2.6	5.0	115.3	35 Gates/Woods 1	0.0	0.0	0.0	64 MACKAY DAM	0.0	0.0	0.0		46	
47	7 Thalman Hunter D	4.1	0.0	0.0	36 Gates/Woods 2	0.0	0.0	0.0	65 SHARP	12.4	0.0	46.8		47	
48	8 Johnson/Hatmaker	6.1	0.0	0.0	37 No Tellum 4	0.0	0.0	0.0						48	
49	9 NEILSEN	52.0	0.0	40.1	38 No Tellum 5	0.0	0.0	0.0	67 SWAUGER	26.7	0.0	0.0		49	
50	10 Bradshaw 2	0.0	0.0	0.0	39 Gates/Woods/6X R	0.0	0.0	0.0	68 MARINAC	0.0	0.0	0.0		50	
51	11 CHILLY	80.0	1.7	18.7	40 Smith Pumps*	6.0	0.4	86.6	69 DARLINGTON	41.0	0.0	0.0		51	
52	12 INGRAM	0.0	0.0	0.0	41 Freeman/Kent*	0.0	0.0	0.0	70 BURNETT	84.0	0.0	0.0		52	
53	13 Cherian	0.0	0.0	1.3	42 Broken River Pum	2.3	0.0	0.0	71 SUTTER	8.0	0.0	0.1		53	
54	14 LONGHURST	16.6	0.0	0.0	43 Broken River Dit	1.2	0.0	0.6	72 ANGELO	6.0	5.3	20.9		54	
55	15 Mtn. Springs 3	1.3	0.0	0.0	44 Freeman 2*	0.0	0.0	0.0	73 BECK	15.6	0.0	0.0		55	
56	16 Donahue 1	0.8	0.0	61.4	45 Freeman 3*	0.0	0.0	0.0	74 PEHRSON	4.0	0.0	0.0		56	
57	17 Zollinger 1	2.8	0.0	0.0	46 Freeman/Hill Pum	0.0	0.0	0.0	75 LOW BURNETT	0.0	0.0	0.0		57	
58	18 Zollinger 3	1.6	0.6	21.5	47 6X Ranch 5	0.0	0.0	0.0	76 3IN1	50.8	7.8	28.0		58	
59	19 Pence Diversion	0.0	0.0	0.0	48 Johnson/Navarro	3.8	0.6	6.8	77 B&J	10.4	0.0	0.0		59	
60	20 Unger	0.0	0.0	0.0	49 6X Ranch 6	0.0	0.0	0.0	78 MOORE	132.0	0.0	0.8		60	

1	REACH LOSS DATA - JUL 5, 2009												1
2													2
3													3
4													4
5	REACH		ACTUAL DATE		TOTAL GAIN		STORAGE GAIN						5
6													6
7	8 BIG LOST AT HOWELL		JUL 2		1102.		0.						7
8	7 BIG LOST ABV MACKAY RES		JUL 3		-77.		0.						8
9	1 BIG LOST BLW MACKAY RES		JUL 3		-14.		0.						9
10	2 BIG LOST AT LESLIE		JUL 3		-149.		14.						10
11	3 BIG LOST BLW MOORE DIV		JUL 4		-152.		18.						11
12	5 BIG LOST BLW MUNSEY DIV		JUL 5		40.		0.						12
13	6 BIG LOST NR ARCO		JUL 5		-6.		5.						13
14													14
15													15
16													16
17													17
18	EXCHANGE PUMP DATA - JUL 5, 2009												18
19													19
20	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	20
21													21
22	1 Neilsen injectio	22.	1448.1	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0		22
23	2 JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0		23
24	3 L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0		24
25	4 PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0		25
26	5 FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0						26
27													27
28													28
29													29
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60													60
61													61

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) JUL 6, 2009

20091110

1	WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (V2.0FC) JUL 0, 2009													20091110	
2	REACH FLOWS IN CFS			ACTUAL	NATURAL	ACTUAL RMAINING	EXCHANGE	STORED	RESRVOIR	NATURAL	TOTAL	REACH			
3				DATE	FLOW	FLOW NAT FLOW	FLOW	FLOW	EVAP	FLOW DIV	RCH DIV	GAIN LAST RIGHT			
4															
5	8	BIG LOST AT HOWELL		JUL 3	1032.1	1030.0	1030.0	0.0	0.0	0.0	2.1	2.1	1032.1	19870806	
6	7	BIG LOST ABV MACKAY RES *		JUL 4	1013.2	809.8	792.3	21.9	17.5	0.0	218.8	223.2	-18.9	19870806	
7	1	BIG LOST BLW MACKAY RES		JUL 4	998.9	801.0	750.3	0.0	50.7	12.4	27.7	12.4	-14.3	19870806	
8	2	BIG LOST AT LESLIE		JUL 4	878.2	518.0	466.9	0.0	51.1	0.0	162.7	170.1	-120.7	19870806	
9	3	BIG LOST BLW MOORE DIV		JUL 5	765.9	144.0	75.5	0.0	68.5	0.0	279.1	279.1	-112.3	19870806	
10	5	BIG LOST BLW MUNSEY DIV		JUL 6	783.1	60.0	22.9	0.0	37.1	0.0	69.8	69.8	17.2	19870806	
11	6	BIG LOST NR ARCO		JUL 6	782.6	55.0	22.4	0.0	32.6	0.0	0.0	0.0	-0.5	19870806	
12															
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED								TOTALS		760.	757.	783.		
14															
15															
16															
17	RESERVOIR		PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR		RIGHT		STORED	
18			(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)				(AF)	(AF)		
19															
20	1 MACKAY		44200.0	44140.0	-30.2	15.3	45881.7	1183.8	1	MACKAY		556.5	425.1		
21									2	MACKAY		294.0	225.8		
22									3	MACKAY		556.5	425.1		
23									4	MACKAY		1113.0	850.6		
24									5	MACKAY		140.0	104.1		
25									6	MACKAY		20646.0	20646.0		
26									7	MACKAY		17205.0	17205.0		
27									8	MACKAY		6000.0	6000.0		
28															
29	TOTAL												46511.0	45881.7	
30															
31			CHANGE IN	AF USED	STORAGE	ARCO	TOTAL	UNACCT							
32			CONTENT	ABOVE	USED	STORED	STORED	STORED							
33															
34	YEAR-TO-DATE AF		12870.0	1327.9	1307.2	2046.9	14482.1	5333.3							
35															
36															
37															
38			CFS	CFS	AF				CFS	CFS	AF				
39	DIVERSION		DIVN	STOR	USED	DIVERSION			DIVN	STOR	USED	DIVERSION			
40												CFS	CFS	AF	
40												DIVN	STOR	USED	
41	1	Sorensen	0.0	0.0	0.0	30	Zollinger/No Tel	4.0	0.0	0.0	59	6X Ranch Pump	0.0	0.0	0.8
42	2	HOWELL	2.1	0.0	0.0	31	Churn Dasher Ran	1.2	0.0	0.0	60	6X Ranch Navarre	1.5	0.0	0.0
43	3	KENT	2.4	0.0	0.0	32	No Tellum 1	1.4	0.0	0.0	61	Gates/Woods 3	0.0	0.0	0.0
44	4	BRADSHAW	0.0	0.0	0.0	33	No Tellum 2	1.5	0.0	0.0	62	6X Ranch 3	0.0	0.0	0.0
45	5	BITTON	0.4	0.0	0.0	34	No Tellum 3	2.0	0.0	0.0	63	6X Ranch 4	0.0	0.0	0.0
46	6	Anderson	2.6	2.1	119.6	35	Gates/Woods 1	0.0	0.0	0.0	64	MACKAY DAM	0.0	0.0	0.0
47	7	Thalman Hunter D	4.1	0.0	0.0	36	Gates/Woods 2	0.0	0.0	0.0	65	SHARP	12.4	0.0	46.8
48	8	Johnson/Hatmaker	6.1	0.0	0.0	37	No Tellum 4	0.0	0.0	0.0					
49	9	NEILSEN	52.0	0.0	40.1	38	No Tellum 5	0.0	0.0	0.0	67	SWAUGER	26.7	0.0	0.0
50	10	Bradshaw 2	0.0	0.0	0.0	39	Gates/Woods/6X R	0.0	0.0	0.0	68	MARINAC	0.0	0.0	0.0
51	11	CHILLY	80.0	1.3	21.2	40	Smith Pumps*	6.0	0.0	86.6	69	DARLINGTON	40.0	0.0	0.0
52	12	INGRAM	0.0	0.0	0.0	41	Freeman/Kent*	0.0	0.0	0.0	70	BURNETT	84.0	0.0	0.0
53	13	Cherian	0.2	0.0	1.3	42	Broken River Pum	2.3	0.0	0.0	71	SUTTER	7.4	0.0	0.1
54	14	LONGHURST	16.6	0.0	0.0	43	Broken River Dit	1.2	0.0	0.6	72	ANGELO	6.0	5.3	31.4
55	15	Mtn. Springs 3	1.3	0.0	0.0	44	Freeman 2*	0.0	0.0	0.0	73	BECK	15.6	0.0	0.0
56	16	Donahue 1	0.8	0.0	61.4	45	Freeman 3*	0.0	0.0	0.0	74	PEHRSON	4.0	0.0	0.0
57	17	Zollinger 1	2.8	0.0	0.0	46	Freeman/Hill Pum	0.0	0.0	0.0	75	LOW BURNETT	0.0	0.0	0.0
58	18	Zollinger 3	1.6	0.0	21.5	47	6X Ranch 5	0.0	0.0	0.0	76	3IN1	35.7	0.0	28.0
59	19	Pence Diversion	0.0	0.0	0.0	48	Johnson/Navarro	3.8	0.6	8.0	77	B&J	12.8	0.0	0.0
60	20	Unger	0.0	0.0	0.0	49	6X Ranch 6	0.0	0.0	0.0	78	MOORE	134.0	0.0	0.8

21	6X Ranch 1	4.8	0.0	0.0	50	Stoecklein 3*	0.0	0.0	0.0	79	EASTSIDE	77.0	0.0	141.8	
22	Mtn. Springs 1	3.6	0.0	0.0	51	Upper Fish Hatch	7.6	0.0	0.8	80	ARCO	23.4	0.0	0.0	
23	Mtn. Springs 4	0.0	0.0	0.0	52	Freeman Ditch	0.0	0.0	0.0	81	MUNSEY	46.4	0.0	294.9	
1	24 Mtn. Springs 2	1.4	0.0	0.0	53	Stoecklein 1	1.0	0.0	0.0	82	MILLER	0.0	0.0	0.0	1
2	25 Donahue 2	1.0	0.0	0.0	54	Stoecklein 2	1.0	0.0	0.0	83	MCLAUGHLIN	0.0	0.0	0.0	2
3	26 Simmons	1.0	0.0	0.0	55	Stoecklein 4	0.0	0.0	0.0	84	FOLKMAN PUMP	0.0	0.0	0.0	3
4	27 Donahue 4	0.0	0.0	0.0	56	Shoupe Ditch*	3.6	0.4	2.4	85	HUGGINS PUMP	0.0	0.0	0.0	4
5	28 Donahue 3	1.2	0.0	0.0	57	Gates Pump 1	0.0	0.0	0.0	86	QUIST PUMP #1	0.0	0.0	0.0	5
6	29 Zollinger 2	1.2	0.0	0.0	58	Gates Pump 2	0.0	0.0	0.0						6
7															7
8	(1) BITTON USE COMBINED WITH KENT DITCH														8
9															9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1														10
11															11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON														12
13															13
14	(4) SIMMONS USE COMBINED WITH NEILSEN														14
15															15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY														16
17															17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3														18
19															19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2														20
21															21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3														22
23															23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE														24
25															25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1														26
27															27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH														28
29															29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT														30
31															31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH														32
33															33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5														34
35															35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2														36
37															37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP														38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION														39
40															40
41															41
42															42
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61															61

1	REACH LOSS DATA - JUL 6, 2009												1
2													2
3													3
4	REACH		ACTUAL DATE	TOTAL GAIN	STORAGE GAIN								4
5													5
6													6
7	8	BIG LOST AT HOWELL	JUL 3	1032.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUL 4	-19.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUL 4	-14.	0.								9
10	2	BIG LOST AT LESLIE	JUL 4	-135.	9.								10
11	3	BIG LOST BLW MOORE DIV	JUL 5	-130.	13.								11
12	5	BIG LOST BLW MUNSEY DIV	JUL 6	17.	0.								12
13	6	BIG LOST NR ARCO	JUL 6	-6.	3.								13
14													14
15													15
16													16
17													17
18	EXCHANGE PUMP DATA - JUL 6, 2009												18
19													19
20	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	20
21													21
22	1	Neilsen injectio	22.	1491.5	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	22
23	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	23
24	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	24
25	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	25
26	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					26
27													27
28													28
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60													60
61													61

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) JUL 7, 2009

20091110

1													1
2	REACH FLOWS IN CFS												2
3	ACTUAL NATURAL ACTUAL RMAINING EXCHANGE STORED RESRVOIR NATURAL TOTAL REACH												3
4	DATE FLOW FLOW NAT FLOW FLOW FLOW EVAP FLOW DIV RCH DIV GAIN LAST RIGHT												4
5	8 BIG LOST AT HOWELL	JUL 4	1022.1	1020.0	1020.0	0.0	0.0	0.0	2.1	2.1	1022.1	19870806	5
6	7 BIG LOST ABV MACKAY RES *	JUL 5	1017.3	813.9	796.4	21.9	17.5	0.0	218.8	223.2	-4.8	19870806	6
7	1 BIG LOST BLW MACKAY RES	JUL 5	1003.0	769.0	754.4	0.0	14.6	13.2	27.7	12.4	-14.3	19870806	7
8	2 BIG LOST AT LESLIE	JUL 5	885.0	502.0	473.7	0.0	28.3	0.0	162.7	170.1	-118.0	19870806	8
9	3 BIG LOST BLW MOORE DIV	JUL 6	790.5	148.0	134.1	0.0	13.9	0.0	245.1	245.1	-94.5	19870806	9
10	5 BIG LOST BLW MUNSEY DIV	JUL 7	788.9	40.0	62.7	0.0	-22.7	0.0	69.8	69.8	-1.6	19870806	10
11	6 BIG LOST NR ARCO	JUL 7	787.3	36.0	61.1	0.0	-25.1	0.0	0.0	0.0	-1.6	19870806	11
12													12
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED												13
14													14
15													15
16													16
17	RESERVOIR	PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR		RIGHT	STORED	17
18		(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)				(AF)	(AF)	18
19	1 MACKAY	44140.0	44150.0	5.0	15.3	45912.1	1209.9	1	MACKAY		556.5	431.5	19
20								2	MACKAY		294.0	229.2	20
21								3	MACKAY		556.5	431.5	21
22								4	MACKAY		1113.0	863.3	22
23								5	MACKAY		140.0	105.6	23
24								6	MACKAY		20646.0	20646.0	24
25								7	MACKAY		17205.0	17205.0	25
26								8	MACKAY		6000.0	6000.0	26
27													27
28													28
29													29
30													30
31													31
32													32
33													33
34	YEAR-TO-DATE AF	12880.0	1336.6	1317.7	2046.9	14512.5	5383.2						34
35													35
36													36
37													37
38													38
39	DIVERSION	CFS	CFS	AF									39
40		DIVN	STOR	USED	DIVERSION	CFS	CFS	AF	DIVERSION	CFS	CFS	AF	40
41	1 Sorensen	0.0	0.0	0.0	30 Zollinger/No Tel	4.0	0.0	0.0	59 6X Ranch Pump	0.0	0.0	0.8	41
42	2 HOWELL	2.1	0.0	0.0	31 Churn Dasher Ran	1.2	0.0	0.0	60 6X Ranch Navarre	1.5	0.0	0.0	42
43	3 KENT	2.4	0.0	0.0	32 No Tellum 1	1.4	0.0	0.0	61 Gates/Woods 3	0.0	0.0	0.0	43
44	4 BRADSHAW	0.0	0.0	0.0	33 No Tellum 2	1.5	0.0	0.0	62 6X Ranch 3	0.0	0.0	0.0	44
45	5 BITTON	0.4	0.0	0.0	34 No Tellum 3	2.0	0.0	0.0	63 6X Ranch 4	0.0	0.0	0.0	45
46	6 Anderson	2.6	2.1	123.8	35 Gates/Woods 1	0.0	0.0	0.0	64 MACKAY DAM	0.0	0.0	0.0	46
47	7 Thalman Hunter D	4.1	0.0	0.0	36 Gates/Woods 2	0.0	0.0	0.0	65 SHARP	12.4	0.0	46.8	47
48	8 Johnson/Hatmaker	6.1	0.0	0.0	37 No Tellum 4	0.0	0.0	0.0					48
49	9 NEILSEN	52.0	0.0	40.1	38 No Tellum 5	0.0	0.0	0.0	67 SWAUGER	26.7	0.0	0.0	49
50	10 Bradshaw 2	0.0	0.0	0.0	39 Gates/Woods/6X R	0.0	0.0	0.0	68 MARINAC	0.0	0.0	0.0	50
51	11 CHILLY	80.0	1.3	23.6	40 Smith Pumps*	6.0	0.0	86.6	69 DARLINGTON	40.0	0.0	0.0	51
52	12 INGRAM	0.0	0.0	0.0	41 Freeman/Kent*	0.0	0.0	0.0	70 BURNETT	84.0	0.0	0.0	52
53	13 Cherian	0.2	0.0	1.4	42 Broken River Pum	2.3	0.0	0.0	71 SUTTER	7.4	0.0	0.1	53
54	14 LONGHURST	16.6	0.0	0.0	43 Broken River Dit	1.2	0.0	0.6	72 ANGELO	6.0	5.3	41.9	54
55	15 Mtn. Springs 3	1.3	0.0	0.0	44 Freeman 2*	0.0	0.0	0.0	73 BECK	15.6	0.0	0.0	55
56	16 Donahue 1	0.8	0.0	61.4	45 Freeman 3*	0.0	0.0	0.0	74 PEHRSON	0.0	0.0	0.0	56
57	17 Zollinger 1	2.8	0.0	0.0	46 Freeman/Hill Pum	0.0	0.0	0.0	75 LOW BURNETT	0.0	0.0	0.0	57
58	18 Zollinger 3	1.6	0.0	21.5	47 6X Ranch 5	0.0	0.0	0.0	76 3IN1	31.5	0.0	28.0	58
59	19 Pence Diversion	0.0	0.0	0.0	48 Johnson/Navarro	3.8	0.6	9.2	77 B&J	8.0	0.0	0.0	59
60	20 Unger	0.0	0.0	0.0	49 6X Ranch 6	0.0	0.0	0.0	78 MOORE	113.0	0.0	0.8	60

1	REACH LOSS DATA - JUL 7, 2009												1
2													2
3													3
4	REACH		ACTUAL	TOTAL	STORAGE								4
5			DATE	GAIN	GAIN								5
6													6
7	8	BIG LOST AT HOWELL	JUL 4	1022.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUL 5	-5.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUL 5	-14.	0.								9
10	2	BIG LOST AT LESLIE	JUL 5	-127.	2.								10
11	3	BIG LOST BLW MOORE DIV	JUL 6	-107.	6.								11
12	5	BIG LOST BLW MUNSEY DIV	JUL 7	-2.	0.								12
13	6	BIG LOST NR ARCO	JUL 7	-5.	0.								13
14													14
15													15
16													16
17													17
18	EXCHANGE PUMP DATA - JUL 7, 2009												18
19													19
20	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	20
21													21
22	1	Neilsen injectio	22.	1535.0	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	22
23	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	23
24	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	24
25	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	25
26	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					26
27													27
28													28
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61													61

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) JUL 8, 2009

20091110

REACH FLOWS IN CFS	ACTUAL DATE	NATURAL FLOW	ACTUAL RMAINING FLOW	NAT FLOW	EXCHANGE FLOW	STORED FLOW	RESRVOIR NATURAL EVAP	FLOW DIV	TOTAL RCH DIV	REACH GAIN	LAST RIGHT
8 BIG LOST AT HOWELL	JUL 5	1022.1	1020.0	1020.0	0.0	0.0	0.0	2.1	2.1	1022.1	19870806
7 BIG LOST ABV MACKAY RES *	JUL 6	1011.9	835.9	817.7	19.6	18.2	0.0	192.1	193.5	-10.2	19870806
1 BIG LOST BLW MACKAY RES	JUL 6	997.2	759.0	776.9	0.0	-17.9	14.9	26.1	10.8	-14.7	19870806
2 BIG LOST AT LESLIE	JUL 6	875.0	472.0	509.5	0.0	-37.5	0.0	145.2	151.6	-122.2	19870806
3 BIG LOST BLW MOORE DIV	JUL 7	787.6	147.0	179.1	0.0	-32.1	0.0	243.0	243.0	-87.5	19870806
5 BIG LOST BLW MUNSEY DIV	JUL 8	771.8	31.0	93.6	0.0	-62.6	0.0	69.8	69.8	-15.8	19870806
6 BIG LOST NR ARCO	JUL 8	767.3	27.0	89.1	0.0	-62.1	0.0	0.0	0.0	-4.5	19870806
* - INDICATES FLOW ESTIMATED, NOT MEASURED							TOTALS	678.	671.	767.	
RESERVOIR	PREV CONT (AF)	CURR CONT (AF)	CHNG CONT (CFS)	ACC STOR (CFS)	TOTL STOR (AF)	TOTL EVP (AF)	PRIORITY	RESERVOIR		RIGHT (AF)	STORED (AF)
1 MACKAY	44150.0	44220.0	35.3	15.3	45942.4	1239.5	1	MACKAY		556.5	437.8
							2	MACKAY		294.0	232.6
							3	MACKAY		556.5	437.8
							4	MACKAY		1113.0	876.0
							5	MACKAY		140.0	107.2
							6	MACKAY		20646.0	20646.0
							7	MACKAY		17205.0	17205.0
							8	MACKAY		6000.0	6000.0
							TOTAL			46511.0	45942.4
CHANGE IN CONTENT	AF USED ABOVE	STORAGE USED	ARCO STORED	TOTAL STORED	UNACCT STORED						
YEAR-TO-DATE AF	12950.0	1339.5	1328.1	2046.9	14542.8	5506.3					
DIVERSION	CFS DIVN	CFS STOR	AF USED	DIVERSION	CFS DIVN	CFS STOR	AF USED	DIVERSION	CFS DIVN	CFS STOR	AF USED
1 Sorensen	0.0	0.0	0.0	30 Zollinger/No Tel	4.2	0.0	0.0	59 6X Ranch Pump	0.0	0.0	0.8
2 HOWELL	2.1	0.0	0.0	31 Churn Dasher Ran	1.4	0.0	0.0	60 6X Ranch Navarre	1.6	0.0	0.0
3 KENT	0.0	0.0	0.0	32 No Tellum 1	1.2	0.0	0.0	61 Gates/Woods 3	0.0	0.0	0.0
4 BRADSHAW	0.0	0.0	0.0	33 No Tellum 2	1.3	0.0	0.0	62 6X Ranch 3	0.0	0.0	0.0
5 BITTON	0.0	0.0	0.0	34 No Tellum 3	1.0	0.0	0.0	63 6X Ranch 4	0.0	0.0	0.0
6 Anderson	4.0	0.7	125.3	35 Gates/Woods 1	0.0	0.0	0.0	64 MACKAY DAM	0.0	0.0	0.0
7 Thalman Hunter D	1.9	0.0	0.0	36 Gates/Woods 2	0.0	0.0	0.0	65 SHARP	10.8	0.0	46.8
8 Johnson/Hatmaker	3.3	0.0	0.0	37 No Tellum 4	0.0	0.0	0.0				
9 NEILSEN	40.5	0.0	40.1	38 No Tellum 5	0.0	0.0	0.0	67 SWAUGER	26.7	0.0	0.0
10 Bradshaw 2	0.0	0.0	0.0	39 Gates/Woods/6X R	0.0	0.0	0.0	68 MARINAC	0.0	0.0	0.0
11 CHILLY	80.0	0.0	23.6	40 Smith Pumps*	6.0	0.0	86.6	69 DARLINGTON	40.0	0.0	0.0
12 INGRAM	0.0	0.0	0.0	41 Freeman/Kent*	0.0	0.0	0.0	70 BURNETT	64.0	0.0	0.0
13 Cherian	0.0	0.0	1.4	42 Broken River Pum	2.0	0.0	0.0	71 SUTTER	9.9	0.0	0.2
14 LONGHURST	13.4	0.0	0.0	43 Broken River Dit	2.0	0.0	0.6	72 ANGELO	6.0	5.3	52.4
15 Mtn. Springs 3	1.2	0.0	0.0	44 Freeman 2*	0.0	0.0	0.0	73 BECK	15.6	0.0	0.0
16 Donahue 1	0.7	0.0	61.4	45 Freeman 3*	0.0	0.0	0.0	74 PEHRSON	0.0	0.0	0.0
17 Zollinger 1	1.8	0.0	0.0	46 Freeman/Hill Pum	0.0	0.0	0.0	75 LOW BURNETT	0.0	0.0	0.0
18 Zollinger 3	1.7	0.0	21.5	47 6X Ranch 5	0.0	0.0	0.0	76 3IN1	32.4	0.0	28.0
19 Pence Diversion	0.0	0.0	0.0	48 Johnson/Navarro	3.9	0.7	10.5	77 B&J	8.0	0.0	0.0
20 Unger	0.0	0.0	0.0	49 6X Ranch 6	0.0	0.0	0.0	78 MOORE	110.0	0.0	0.8

21	6X Ranch 1	0.0	0.0	0.0	50 Stoecklein 3*	0.0	0.0	0.0	79 EASTSIDE	77.0	0.0	141.8	
22	Mtn. Springs 1	4.1	0.0	0.0	51 Upper Fish Hatch	4.0	0.0	0.8	80 ARCO	23.4	0.0	0.0	
23	Mtn. Springs 4	0.0	0.0	0.0	52 Freeman Ditch	0.0	0.0	0.0	81 MUNSEY	46.4	0.0	294.9	
1	24 Mtn. Springs 2	1.7	0.0	0.0	53 Stoecklein 1	1.0	0.0	0.0	82 MILLER	0.0	0.0	0.0	1
2	25 Donahue 2	1.2	0.0	0.0	54 Stoecklein 2	1.0	0.0	0.0	83 MCLAUGHLIN	0.0	0.0	0.0	2
3	26 Simmons	1.8	0.0	0.0	55 Stoecklein 4	0.0	0.0	0.0	84 FOLKMAN PUMP	0.0	0.0	0.0	3
4	27 Donahue 4	0.0	0.0	0.0	56 Shoupe Ditch*	2.8	0.0	3.2	85 HUGGINS PUMP	0.0	0.0	0.0	4
5	28 Donahue 3	1.3	0.0	0.0	57 Gates Pump 1	0.0	0.0	0.0	86 QUIST PUMP #1	0.0	0.0	0.0	5
6	29 Zollinger 2	1.6	0.0	0.0	58 Gates Pump 2	0.0	0.0	0.0					6
7													7
8	(1) BITTON USE COMBINED WITH KENT DITCH												8
9													9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1												10
11													11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON												12
13													13
14	(4) SIMMONS USE COMBINED WITH NEILSEN												14
15													15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY												16
17													17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3												18
19													19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2												20
21													21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3												22
23													23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE												24
25													25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1												26
27													27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH												28
29													29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT												30
31													31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH												32
33													33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5												34
35													35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2												36
37													37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP												38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION												39
40													40
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1	REACH LOSS DATA - JUL 8, 2009												1
2													2
3													3
4													4
5	REACH		ACTUAL DATE		TOTAL GAIN		STORAGE GAIN						5
6													6
7	8 BIG LOST AT HOWELL		JUL 5		1022.		0.						7
8	7 BIG LOST ABV MACKAY RES		JUL 6		-10.		0.						8
9	1 BIG LOST BLW MACKAY RES		JUL 6		-15.		0.						9
10	2 BIG LOST AT LESLIE		JUL 6		-125.		0.						10
11	3 BIG LOST BLW MOORE DIV		JUL 7		-94.		0.						11
12	5 BIG LOST BLW MUNSEY DIV		JUL 8		-16.		0.						12
13	6 BIG LOST NR ARCO		JUL 8		-4.		0.						13
14													14
15													15
16													16
17													17
18	EXCHANGE PUMP DATA - JUL 8, 2009												18
19													19
20	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	20
21													21
22	1 Neilsen injectio	20.		1573.8	6 POTTER EXCHANGE	0.		0.0	11 ISOM 2 EXCHANGE	0.		200.0	22
23	2 JM SMITH EXCHANG	0.		0.0	7 JENSEN EXCHANGE	0.		0.0	12 QUIST EXCHANGE P	0.		0.0	23
24	3 L SMITH EXCHANGE	0.		0.0	8 ISOM 1 EXCHANGE	0.		200.0	13 SCHUREMAN EXCHAN	0.		0.0	24
25	4 PEHRSON EXCHANGE	0.		0.0	9 PARKINSON EXCHAN	0.		0.0	14 RASMUSSEN EXCHAN	0.		0.0	25
26	5 FOLKMAN EXCHANGE	0.		83.1	10 MCDONALD EXCHANG	0.		0.0					26
27													27
28													28
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WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) JUL 9, 2009

20091110

1													1
2	REACH FLOWS IN CFS												2
3	ACTUAL NATURAL ACTUAL RMAINING EXCHANGE STORED RESRVOIR NATURAL TOTAL REACH												3
4	DATE FLOW FLOW NAT FLOW FLOW FLOW EVAP FLOW DIV RCH DIV GAIN LAST RIGHT												4
5	8 BIG LOST AT HOWELL	JUL 6	943.8	942.0	942.0	0.0	0.0	0.0	1.8	1.8	943.8	19870806	5
6	7 BIG LOST ABV MACKAY RES *	JUL 7	941.0	765.2	747.1	19.6	18.2	0.0	192.1	193.5	-2.8	19870806	6
7	1 BIG LOST BLW MACKAY RES	JUL 7	925.9	740.0	705.9	0.0	34.1	13.6	26.1	10.8	-15.1	19870806	7
8	2 BIG LOST AT LESLIE	JUL 7	808.3	467.0	447.0	0.0	20.0	0.0	141.2	147.6	-117.6	19870806	8
9	3 BIG LOST BLW MOORE DIV	JUL 8	716.7	147.0	115.8	0.0	31.2	0.0	239.8	239.8	-91.5	19870806	9
10	5 BIG LOST BLW MUNSEY DIV	JUL 9	678.0	21.0	7.3	0.0	13.7	0.0	69.8	69.8	-38.7	19870806	10
11	6 BIG LOST NR ARCO	JUL 9	673.0	14.0	2.3	0.0	11.7	0.0	0.0	0.0	-5.0	19870806	11
12													12
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED												13
14													14
15													15
16													16
17	RESERVOIR	PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR		RIGHT	STORED	17
18		(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)				(AF)	(AF)	18
19	1 MACKAY	44220.0	44190.0	-15.1	15.3	45972.8	1266.6	1	MACKAY		556.5	444.2	19
20								2	MACKAY		294.0	235.9	20
21								3	MACKAY		556.5	444.2	21
22								4	MACKAY		1113.0	888.7	22
23								5	MACKAY		140.0	108.8	23
24								6	MACKAY		20646.0	20646.0	24
25								7	MACKAY		17205.0	17205.0	25
26								8	MACKAY		6000.0	6000.0	26
27													27
28													28
29													29
30													30
31													31
32													32
33													33
34	YEAR-TO-DATE AF	12920.0	1342.3	1338.6	2070.2	14573.2	5506.3						34
35													35
36													36
37													37
38													38
39	DIVERSION	CFS	CFS	AF									39
40		DIVN	STOR	USED	DIVERSION	CFS	CFS	AF	DIVERSION	CFS	CFS	AF	40
41	1 Sorensen	0.0	0.0	0.0	30 Zollinger/No Tel	4.2	0.0	0.0	59 6X Ranch Pump	0.0	0.0	0.8	41
42	2 HOWELL	1.8	0.0	0.0	31 Churn Dasher Ran	1.4	0.0	0.0	60 6X Ranch Navarre	1.6	0.0	0.0	42
43	3 KENT	0.0	0.0	0.0	32 No Tellum 1	1.2	0.0	0.0	61 Gates/Woods 3	0.0	0.0	0.0	43
44	4 BRADSHAW	0.0	0.0	0.0	33 No Tellum 2	1.3	0.0	0.0	62 6X Ranch 3	0.0	0.0	0.0	44
45	5 BITTON	0.0	0.0	0.0	34 No Tellum 3	1.0	0.0	0.0	63 6X Ranch 4	0.0	0.0	0.0	45
46	6 Anderson	4.0	0.7	126.7	35 Gates/Woods 1	0.0	0.0	0.0	64 MACKAY DAM	0.0	0.0	0.0	46
47	7 Thalman Hunter D	1.9	0.0	0.0	36 Gates/Woods 2	0.0	0.0	0.0	65 SHARP	10.8	0.0	46.8	47
48	8 Johnson/Hatmaker	3.3	0.0	0.0	37 No Tellum 4	0.0	0.0	0.0					48
49	9 NEILSEN	40.5	0.0	40.1	38 No Tellum 5	0.0	0.0	0.0	67 SWAUGER	26.7	0.0	0.0	49
50	10 Bradshaw 2	0.0	0.0	0.0	39 Gates/Woods/6X R	0.0	0.0	0.0	68 MARINAC	0.0	0.0	0.0	50
51	11 CHILLY	80.0	0.0	23.6	40 Smith Pumps*	6.0	0.0	86.6	69 DARLINGTON	40.0	0.0	0.0	51
52	12 INGRAM	0.0	0.0	0.0	41 Freeman/Kent*	0.0	0.0	0.0	70 BURNETT	60.0	0.0	0.0	52
53	13 Cherian	0.0	0.0	1.4	42 Broken River Pum	2.0	0.0	0.0	71 SUTTER	9.9	0.0	0.2	53
54	14 LONGHURST	13.4	0.0	0.0	43 Broken River Dit	2.0	0.0	0.6	72 ANGELO	6.0	5.3	62.8	54
55	15 Mtn. Springs 3	1.2	0.0	0.0	44 Freeman 2*	0.0	0.0	0.0	73 BECK	15.6	0.0	0.0	55
56	16 Donahue 1	0.7	0.0	61.4	45 Freeman 3*	0.0	0.0	0.0	74 PEHRSON	0.0	0.0	0.0	56
57	17 Zollinger 1	1.8	0.0	0.0	46 Freeman/Hill Pum	0.0	0.0	0.0	75 LOW BURNETT	0.0	0.0	0.0	57
58	18 Zollinger 3	1.7	0.0	21.5	47 6X Ranch 5	0.0	0.0	0.0	76 3IN1	31.2	0.0	28.0	58
59	19 Pence Diversion	0.0	0.0	0.0	48 Johnson/Navarro	3.9	0.7	11.9	77 B&J	8.0	0.0	0.0	59
60	20 Unger	0.0	0.0	0.0	49 6X Ranch 6	0.0	0.0	0.0	78 MOORE	108.0	0.0	0.8	60

1	REACH LOSS DATA - JUL 9, 2009												1
2													2
3													3
4	REACH		ACTUAL DATE	TOTAL GAIN	STORAGE GAIN								4
5													5
6													6
7	8 BIG LOST AT HOWELL		JUL 6	944.	0.								7
8	7 BIG LOST ABV MACKAY RES		JUL 7	-3.	0.								8
9	1 BIG LOST BLW MACKAY RES		JUL 7	-15.	0.								9
10	2 BIG LOST AT LESLIE		JUL 7	-118.	5.								10
11	3 BIG LOST BLW MOORE DIV		JUL 8	-92.	4.								11
12	5 BIG LOST BLW MUNSEY DIV		JUL 9	-39.	8.								12
13	6 BIG LOST NR ARCO		JUL 9	-5.	3.								13
14													14
15													15
16													16
17													17
18	EXCHANGE PUMP DATA - JUL 9, 2009												18
19													19
20	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	20
21													21
22	1 Neilsen injectio	20.	1612.7	6	POTTER EXCHANGE	0.	0.0	11 ISOM 2 EXCHANGE	0.	200.0			22
23	2 JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12 QUIST EXCHANGE P	0.	0.0			23
24	3 L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13 SCHUREMAN EXCHAN	0.	0.0			24
25	4 PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14 RASMUSSEN EXCHAN	0.	0.0			25
26	5 FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0						26
27													27
28													28
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20091110

21	6X Ranch 1	0.0	0.0	0.0	50 Stoecklein 3*	0.0	0.0	0.0	79 EASTSIDE	77.0	0.0	141.8	
22	Mtn. Springs 1	4.1	0.0	0.0	51 Upper Fish Hatch	4.0	0.0	0.8	80 ARCO	23.4	0.0	0.0	
23	Mtn. Springs 4	0.0	0.0	0.0	52 Freeman Ditch	0.0	0.0	0.0	81 MUNSEY	46.4	14.4	323.4	
1	24 Mtn. Springs 2	1.7	0.0	0.0	53 Stoecklein 1	1.0	0.0	0.0	82 MILLER	0.0	0.0	0.0	1
2	25 Donahue 2	1.2	0.0	0.0	54 Stoecklein 2	1.0	0.0	0.0	83 MCLAUGHLIN	0.0	0.0	0.0	2
3	26 Simmons	1.8	0.0	0.0	55 Stoecklein 4	0.0	0.0	0.0	84 FOLKMAN PUMP	0.0	0.0	0.0	3
4	27 Donahue 4	0.0	0.0	0.0	56 Shoupe Ditch*	2.8	0.0	3.2	85 HUGGINS PUMP	0.0	0.0	0.0	4
5	28 Donahue 3	1.3	0.0	0.0	57 Gates Pump 1	0.0	0.0	0.0	86 QUIST PUMP #1	0.0	0.0	0.0	5
6	29 Zollinger 2	1.6	0.0	0.0	58 Gates Pump 2	0.0	0.0	0.0					6
7													7
8	(1) BITTON USE COMBINED WITH KENT DITCH												8
9													9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1												10
11													11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON												12
13													13
14	(4) SIMMONS USE COMBINED WITH NEILSEN												14
15													15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY												16
17													17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3												18
19													19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2												20
21													21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3												22
23													23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE												24
25													25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1												26
27													27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH												28
29													29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT												30
31													31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH												32
33													33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5												34
35													35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2												36
37													37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP												38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION												39
40													40
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43													43
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1	REACH LOSS DATA - JUL 10, 2009												1
2													2
3													3
4	REACH		ACTUAL	TOTAL	STORAGE								4
5			DATE	GAIN	GAIN								5
6													6
7	8	BIG LOST AT HOWELL	JUL 7	913.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUL 8	-20.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUL 8	-16.	0.								9
10	2	BIG LOST AT LESLIE	JUL 8	-117.	4.								10
11	3	BIG LOST BLW MOORE DIV	JUL 9	-79.	3.								11
12	5	BIG LOST BLW MUNSEY DIV	JUL 10	-50.	16.								12
13	6	BIG LOST NR ARCO	JUL 10	-7.	6.								13
14													14
15													15
16													16
17													17
18	EXCHANGE PUMP DATA - JUL 10, 2009												18
19													19
20	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	20
21													21
22	1	Neilsen injectio	20.	1651.6	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	22
23	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	23
24	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	24
25	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	25
26	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					26
27													27
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WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) JUL 11, 2009

20091110

1	WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (V2.0FC) JUL 11, 2009													20091110	1		
2	REACH FLOWS IN CFS			ACTUAL	NATURAL	ACTUAL RMAINING	EXCHANGE	STORED	RESRVOIR	NATURAL	TOTAL	REACH			2		
3				DATE	FLOW	FLOW NAT FLOW	FLOW	FLOW	EVAP	FLOW DIV	RCH DIV	GAIN LAST RIGHT			3		
4															4		
5	8	BIG LOST AT HOWELL	JUL 8	801.8	800.0	800.0	0.0	0.0	0.0	1.8	1.8	801.8	19030224	5			
6	7	BIG LOST ABV MACKAY RES *	JUL 9	815.0	648.7	685.8	19.6	-37.1	0.0	127.4	184.1	13.2	19030224	6			
7	1	BIG LOST BLW MACKAY RES	JUL 9	799.0	651.0	645.3	0.0	5.7	12.8	24.5	9.2	-16.0	19030224	7			
8	2	BIG LOST AT LESLIE	JUL 9	684.0	398.0	392.7	0.0	5.3	0.0	137.6	147.3	-115.0	19030224	8			
9	3	BIG LOST BLW MOORE DIV	JUL 10	633.6	148.0	98.1	0.0	49.9	0.0	244.3	244.3	-50.4	19030224	9			
10	5	BIG LOST BLW MUNSEY DIV	JUL 11	593.4	14.0	3.3	0.0	10.7	0.0	54.5	69.8	-40.2	19030224	10			
11	6	BIG LOST NR ARCO	JUL 11	590.1	1.8	0.0	0.0	1.8	0.0	0.0	0.0	-3.3	19030224	11			
12															12		
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED								TOTALS		590.	656.	590.	13			
14															14		
15															15		
16															16		
17	RESERVOIR		PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR		RIGHT		STORED	17		
18			(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)				(AF)	(AF)		18		
19															19		
20	1 MACKAY		44150.0	44070.0	-40.3	15.3	46033.5	1323.2	1	MACKAY		556.5	456.9	20			
21									2	MACKAY		294.0	242.7	21			
22									3	MACKAY		556.5	456.9	22			
23									4	MACKAY		1113.0	914.1	23			
24									5	MACKAY		140.0	112.0	24			
25									6	MACKAY		20646.0	20646.0	25			
26									7	MACKAY		17205.0	17205.0	26			
27									8	MACKAY		6000.0	6000.0	27			
28															28		
29	TOTAL												46511.0	46033.5	29		
30															30		
31			CHANGE IN	AF USED	STORAGE	ARCO	TOTAL	UNACCT							31		
32			CONTENT	ABOVE	USED	STORED	STORED	STORED							32		
33															33		
34	YEAR-TO-DATE AF		12800.0	1483.2	1427.0	2088.9	14633.9	5506.3							34		
35															35		
36															36		
37															37		
38			CFS	CFS	AF				CFS	CFS	AF	CFS	CFS	AF	38		
39	DIVERSION		DIVN	STOR	USED	DIVERSION			DIVN	STOR	USED	DIVERSION	DIVN	STOR	USED	39	
40															40		
41	1 Sorensen		0.0	0.0	0.0	30 Zollinger/No Tel			4.2	0.0	0.0	59 6X Ranch Pump		0.0	1.0	2.8	41
42	2 HOWELL		1.8	0.0	0.0	31 Churn Dasher Ran			1.4	0.0	0.0	60 6X Ranch Navarre		1.6	0.0	0.0	42
43	3 KENT		0.0	0.0	0.0	32 No Tellum 1			1.2	0.0	0.0	61 Gates/Woods 3		0.0	0.0	0.0	43
44	4 BRADSHAW		0.0	0.0	0.0	33 No Tellum 2			1.3	0.0	0.0	62 6X Ranch 3		0.0	0.0	0.0	44
45	5 BITTON		0.0	0.0	0.0	34 No Tellum 3			1.0	0.0	0.0	63 6X Ranch 4		0.0	0.0	0.0	45
46	6 Anderson		4.0	4.0	142.6	35 Gates/Woods 1			0.0	0.0	0.0	64 MACKAY DAM		0.0	0.0	0.0	46
47	7 Thalman Hunter D		1.9	0.0	0.0	36 Gates/Woods 2			0.0	0.0	0.0	65 SHARP		9.2	0.0	46.8	47
48	8 Johnson/Hatmaker		3.3	0.0	0.0	37 No Tellum 4			0.0	0.0	0.0					48	
49	9 NEILSEN		39.2	21.2	92.7	38 No Tellum 5			0.0	0.0	0.0	67 SWAUGER		25.3	0.0	0.0	49
50	10 Bradshaw 2		0.0	0.0	0.0	39 Gates/Woods/6X R			0.0	0.0	0.0	68 MARINAC		0.0	0.0	0.0	50
51	11 CHILLY		76.6	22.3	75.5	40 Smith Pumps*			6.0	2.8	92.9	69 DARLINGTON		40.0	0.0	0.0	51
52	12 INGRAM		0.0	0.0	0.0	41 Freeman/Kent*			0.0	0.0	0.0	70 BURNETT		60.0	0.0	0.0	52
53	13 Cherian		0.0	0.0	1.4	42 Broken River Pum			2.0	0.0	0.0	71 SUTTER		11.0	2.7	7.6	53
54	14 LONGHURST		8.6	0.0	0.0	43 Broken River Dit			2.0	1.0	2.6	72 ANGELO		6.0	5.9	85.0	54
55	15 Mtn. Springs 3		1.2	1.8	3.6	44 Freeman 2*			0.0	0.0	0.0	73 BECK		15.6	0.0	0.0	55
56	16 Donahue 1		0.7	0.7	62.8	45 Freeman 3*			0.0	0.0	0.0	74 PEHRSON		3.6	0.0	0.0	56
57	17 Zollinger 1		1.8	0.0	0.0	46 Freeman/Hill Pum			0.0	0.0	0.0	75 LOW BURNETT		0.0	0.0	0.0	57
58	18 Zollinger 3		1.7	0.0	21.5	47 6X Ranch 5			0.0	0.0	0.0	76 3IN1		29.7	0.0	28.0	58
59	19 Pence Diversion		0.0	0.0	0.0	48 Johnson/Navarro			3.9	1.9	17.1	77 B&J		7.4	0.0	0.0	59
60	20 Unger		0.0	0.0	0.0	49 6X Ranch 6			0.0	0.0	0.0	78 MOORE		111.0	0.0	0.8	60

21	6X Ranch 1	0.0	0.0	0.0	50 Stoecklein 3*	0.0	0.0	0.0	79 EASTSIDE	77.0	0.0	141.8	
22	Mtn. Springs 1	4.1	0.0	0.0	51 Upper Fish Hatch	4.0	0.0	0.8	80 ARCO	23.4	0.0	0.0	
23	Mtn. Springs 4	0.0	0.0	0.0	52 Freeman Ditch	0.0	0.0	0.0	81 MUNSEY	46.4	15.3	353.6	
1	24 Mtn. Springs 2	1.7	0.0	0.0	53 Stoecklein 1	1.0	0.0	0.0	82 MILLER	0.0	0.0	0.0	1
2	25 Donahue 2	1.2	0.0	0.0	54 Stoecklein 2	1.0	0.0	0.0	83 MCLAUGHLIN	0.0	0.0	0.0	2
3	26 Simmons	1.8	0.0	0.0	55 Stoecklein 4	0.0	0.0	0.0	84 FOLKMAN PUMP	0.0	0.0	0.0	3
4	27 Donahue 4	0.0	0.0	0.0	56 Shoupe Ditch*	2.8	0.0	3.2	85 HUGGINS PUMP	0.0	0.0	0.0	4
5	28 Donahue 3	1.3	0.0	0.0	57 Gates Pump 1	0.0	0.0	0.0	86 QUIST PUMP #1	0.0	0.0	0.0	5
6	29 Zollinger 2	1.6	0.0	0.0	58 Gates Pump 2	0.0	0.0	0.0					6
7													7
8	(1) BITTON USE COMBINED WITH KENT DITCH												8
9													9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1												10
11													11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON												12
13													13
14	(4) SIMMONS USE COMBINED WITH NEILSEN												14
15													15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY												16
17													17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3												18
19													19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2												20
21													21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3												22
23													23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE												24
25													25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1												26
27													27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH												28
29													29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT												30
31													31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH												32
33													33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5												34
35													35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2												36
37													37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP												38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION												39
40													40
41													41
42													42
43													43
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59													59
60													60
61													61

1	REACH LOSS DATA - JUL 11, 2009												1
2													2
3													3
4	REACH		ACTUAL DATE	TOTAL GAIN	STORAGE GAIN								4
5													5
6													6
7	8	BIG LOST AT HOWELL	JUL 8	802.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUL 9	13.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUL 9	-16.	0.								9
10	2	BIG LOST AT LESLIE	JUL 9	-119.	1.								10
11	3	BIG LOST BLW MOORE DIV	JUL 10	-54.	1.								11
12	5	BIG LOST BLW MUNSEY DIV	JUL 11	-56.	19.								12
13	6	BIG LOST NR ARCO	JUL 11	-9.	7.								13
14													14
15													15
16													16
17													17
18	EXCHANGE PUMP DATA - JUL 11, 2009												18
19													19
20	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	20
21													21
22	1	Neilsen injectio	20.	1690.5	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	22
23	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	23
24	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	24
25	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	25
26	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					26
27													27
28													28
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WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) JUL 12, 2009

20091110

1														1			
2	REACH FLOWS IN CFS				ACTUAL	NATURAL	ACTUAL RMAINING		EXCHANGE	STORED	RESRVOIR	NATURAL	TOTAL	REACH	2		
3					DATE	FLOW	FLOW	NAT FLOW	FLOW	FLOW	EVAP	FLOW	DIV	RCH DIV	GAIN LAST RIGHT	3	
4															4		
5	8	BIG	LOST	AT HOWELL	JUL 9	701.8	700.0	700.2	0.0	-0.2	0.0	1.6	1.8	701.8	19020301	5	
6	7	BIG	LOST	ABV MACKAY RES *	JUL 10	743.3	602.6	643.1	19.6	-40.6	0.0	98.6	158.5	41.5	19020301	6	
7	1	BIG	LOST	BLW MACKAY RES	JUL 10	727.3	604.0	602.8	0.0	1.2	13.6	24.3	9.2	-16.0	19020301	7	
8	2	BIG	LOST	AT LESLIE	JUL 10	618.3	376.0	365.3	0.0	10.7	0.0	128.5	128.5	-109.0	19020301	8	
9	3	BIG	LOST	BLW MOORE DIV	JUL 11	587.2	148.0	100.9	0.0	47.1	0.0	233.3	233.3	-31.1	19020301	9	
10	5	BIG	LOST	BLW MUNSEY DIV	JUL 12	544.9	12.0	4.1	0.0	7.9	0.0	54.5	69.8	-42.2	19020301	10	
11	6	BIG	LOST	NR ARCO	JUL 12	540.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-4.1	19020301	11	
12															12		
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED										TOTALS	541.	601.	541.			13
14															14		
15															15		
16															16		
17	RESERVOIR		PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR		RIGHT		STORED		17	
18			(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)				(AF)		(AF)		18	
19	1 MACKAY		44070.0	43990.0	-40.3	15.1	46063.4	1350.2	1	MACKAY		556.5		463.2		19	
20									2	MACKAY		294.0		246.0		20	
21									3	MACKAY		556.5		463.2		21	
22									4	MACKAY		1113.0		926.7		22	
23									5	MACKAY		140.0		113.1		23	
24									6	MACKAY		20646.0		20646.0		24	
25									7	MACKAY		17205.0		17205.0		25	
26									8	MACKAY		6000.0		6000.0		26	
27									TOTAL		46511.0		46063.4		27		
28															28		
29															29		
30															30		
31			CHANGE IN	AF USED	STORAGE	ARCO	TOTAL	UNACCT								31	
32			CONTENT	ABOVE	USED	STORED	STORED	STORED								32	
33																33	
34	YEAR-TO-DATE AF		12720.0	1602.6	1457.2	2088.9	14663.8	5506.3								34	
35															35		
36															36		
37															37		
38			CFS	CFS	AF				CFS	CFS	AF			CFS	CFS	AF	38
39	DIVERSION		DIVN	STOR	USED	DIVERSION			DIVN	STOR	USED	DIVERSION		DIVN	STOR	USED	39
40															40		
41	1	Sorensen	0.0	0.0	0.0	30	Zollinger/No Tel	4.2	0.0	0.0	59	6X Ranch Pump	0.0	1.0	4.8	41	
42	2	HOWELL	1.8	0.2	0.4	31	Churn Dasher Ran	1.4	0.0	0.0	60	6X Ranch Navarre	1.6	0.0	0.0	42	
43	3	KENT	0.0	0.0	0.0	32	No Tellum 1	1.2	0.0	0.0	61	Gates/Woods 3	0.0	0.0	0.0	43	
44	4	BRADSHAW	0.0	0.0	0.0	33	No Tellum 2	1.3	0.0	0.0	62	6X Ranch 3	0.0	0.0	0.0	44	
45	5	BITTON	0.0	0.0	0.0	34	No Tellum 3	1.0	0.0	0.0	63	6X Ranch 4	0.0	0.0	0.0	45	
46	6	Anderson	4.0	4.0	150.5	35	Gates/Woods 1	0.0	0.0	0.0	64	MACKAY DAM	0.0	0.0	0.0	46	
47	7	Thalman Hunter D	1.9	0.0	0.0	36	Gates/Woods 2	0.0	0.0	0.0	65	SHARP	9.2	0.0	46.8	47	
48	8	Johnson/Hatmaker	3.3	0.0	0.0	37	No Tellum 4	0.0	0.0	0.0						48	
49	9	NEILSEN	34.0	17.4	127.2	38	No Tellum 5	0.0	0.0	0.0	67	SWAUGER	25.3	0.0	0.0	49	
50	10	Bradshaw 2	0.0	0.0	0.0	39	Gates/Woods/6X R	0.0	0.0	0.0	68	MARINAC	0.0	0.0	0.0	50	
51	11	CHILLY	64.4	29.4	133.8	40	Smith Pumps*	6.0	2.8	98.5	69	DARLINGTON	40.0	0.0	0.0	51	
52	12	INGRAM	0.0	0.0	0.0	41	Freeman/Kent*	0.0	0.0	0.0	70	BURNETT	60.0	0.0	0.0	52	
53	13	Cherian	0.0	0.0	1.4	42	Broken River Pum	0.0	0.0	0.0	71	SUTTER	3.2	0.0	7.6	53	
54	14	LONGHURST	5.0	0.0	0.0	43	Broken River Dit	2.0	0.0	2.6	72	ANGELO	0.0	0.0	85.0	54	
55	15	Mtn. Springs 3	1.2	1.8	7.1	44	Freeman 2*	0.0	0.0	0.0	73	BECK	15.6	0.0	0.0	55	
56	16	Donahue 1	0.0	0.0	62.8	45	Freeman 3*	0.0	0.0	0.0	74	PEHRSON	3.6	0.0	0.0	56	
57	17	Zollinger 1	0.0	0.0	0.0	46	Freeman/Hill Pum	0.0	0.0	0.0	75	LOW BURNETT	0.0	0.0	0.0	57	
58	18	Zollinger 3	1.7	1.7	24.8	47	6X Ranch 5	0.0	0.0	0.0	76	3IN1	29.7	0.0	28.0	58	
59	19	Pence Diversion	0.0	0.0	0.0	48	Johnson/Navarro	3.9	1.9	20.9	77	B&J	7.4	0.0	0.0	59	
60	20	Unger	0.0	0.0	0.0	49	6X Ranch 6	0.0	0.0	0.0	78	MOORE	100.0	0.0	0.8	60	

21	6X Ranch 1	0.0	0.0	0.0	50 Stoecklein 3*	0.0	0.0	0.0	79 EASTSIDE	77.0	0.0	141.8	
22	Mtn. Springs 1	4.1	0.0	0.0	51 Upper Fish Hatch	4.0	0.0	0.8	80 ARCO	23.4	0.0	0.0	
23	Mtn. Springs 4	0.0	0.0	0.0	52 Freeman Ditch	0.0	0.0	0.0	81 MUNSEY	46.4	15.3	383.9	
1	24 Mtn. Springs 2	1.7	0.0	0.0	53 Stoecklein 1	1.0	0.0	0.0	82 MILLER	0.0	0.0	0.0	1
2	25 Donahue 2	1.2	0.0	0.0	54 Stoecklein 2	1.0	0.0	0.0	83 MCLAUGHLIN	0.0	0.0	0.0	2
3	26 Simmons	1.8	0.0	0.0	55 Stoecklein 4	0.0	0.0	0.0	84 FOLKMAN PUMP	0.0	0.0	0.0	3
4	27 Donahue 4	0.0	0.0	0.0	56 Shoupe Ditch*	2.8	0.0	3.2	85 HUGGINS PUMP	0.0	0.0	0.0	4
5	28 Donahue 3	1.3	0.0	0.0	57 Gates Pump 1	0.0	0.0	0.0	86 QUIST PUMP #1	0.0	0.0	0.0	5
6	29 Zollinger 2	1.6	0.0	0.0	58 Gates Pump 2	0.0	0.0	0.0					6
7													7
8	(1) BITTON USE COMBINED WITH KENT DITCH												8
9													9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1												10
11													11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON												12
13													13
14	(4) SIMMONS USE COMBINED WITH NEILSEN												14
15													15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY												16
17													17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3												18
19													19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2												20
21													21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3												22
23													23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE												24
25													25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1												26
27													27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH												28
29													29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT												30
31													31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH												32
33													33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5												34
35													35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2												36
37													37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP												38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION												39
40													40
41													41
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1	REACH LOSS DATA - JUL 12, 2009												1
2													2
3													3
4	REACH		ACTUAL DATE	TOTAL GAIN	STORAGE GAIN								4
5													5
6													6
7	8	BIG LOST AT HOWELL	JUL 9	702.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUL 10	42.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUL 10	-16.	0.								9
10	2	BIG LOST AT LESLIE	JUL 10	-110.	0.								10
11	3	BIG LOST BLW MOORE DIV	JUL 11	-32.	1.								11
12	5	BIG LOST BLW MUNSEY DIV	JUL 12	-61.	19.								12
13	6	BIG LOST NR ARCO	JUL 12	-11.	7.								13
14													14
15													15
16													16
17													17
18	EXCHANGE PUMP DATA - JUL 12, 2009												18
19													19
20	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	20
21													21
22	1	Neilsen injectio	20.	1729.3	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	22
23	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	23
24	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	24
25	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	25
26	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					26
27													27
28													28
29													29
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WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) JUL 13, 2009

20091110

1														1
2	REACH FLOWS IN CFS	ACTUAL	NATURAL	ACTUAL RMAINING	EXCHANGE	STORED	RESRVOIR NATURAL	TOTAL	REACH					2
3		DATE	FLOW	FLOW NAT FLOW	FLOW	FLOW	EVAP FLOW DIV	RCH DIV	GAIN	LAST	RIGHT			3
4														4
5	8 BIG LOST AT HOWELL	JUL 10	599.8	598.0	598.0	0.0	0.0	0.0	1.8	1.8	599.8	19050501		5
6	7 BIG LOST ABV MACKAY RES *	JUL 11	779.1	638.1	644.3	19.6	-6.2	0.0	133.0	158.8	179.3	19050501		6
7	1 BIG LOST BLW MACKAY RES	JUL 11	762.2	618.0	606.8	0.0	11.2	10.6	20.5	5.2	-16.9	19050501		7
8	2 BIG LOST AT LESLIE	JUL 11	649.6	364.0	376.5	0.0	-12.5	0.0	117.8	117.8	-112.5	19050501		8
9	3 BIG LOST BLW MOORE DIV	JUL 12	652.6	148.0	108.1	0.0	39.9	0.0	271.3	271.3	3.0	19050501		9
10	5 BIG LOST BLW MUNSEY DIV	JUL 13	607.0	6.0	3.5	0.0	2.5	0.0	59.0	70.1	-45.6	19050501		10
11	6 BIG LOST NR ARCO	JUL 13	603.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3.5	19050501		11
12														12
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED						TOTALS	604.	625.	604.				13
14														14
15														15
16														16
17	RESERVOIR	PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR		RIGHT	STORED		17
18		(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)				(AF)	(AF)		18
19	1 MACKAY	43990.0	43960.0	-15.1	15.3	46093.7	1371.2	1	MACKAY		556.5	469.6		19
20								2	MACKAY		294.0	249.4		20
21								3	MACKAY		556.5	469.6		21
22								4	MACKAY		1113.0	939.4		22
23								5	MACKAY		140.0	114.7		23
24								6	MACKAY		20646.0	20646.0		24
25								7	MACKAY		17205.0	17205.0		25
26								8	MACKAY		6000.0	6000.0		26
27														27
28														28
29														29
30														30
31														31
32														32
33														33
34	YEAR-TO-DATE AF	12690.0	1653.7	1479.2	2088.9	14694.1	5506.3							34
35														35
36														36
37														37
38														38
39	DIVERSION	CFS	CFS	AF										39
40		DIVN	STOR	USED	DIVERSION	CFS	CFS	AF						40
41	1 Sorensen	0.0	0.0	0.0	30 Zollinger/No Tel	4.2	0.0	0.0	59 6X Ranch Pump	0.0	0.0	4.8		41
42	2 HOWELL	1.8	0.0	0.4	31 Churn Dasher Ran	1.4	0.0	0.0	60 6X Ranch Navarre	1.6	0.0	0.0		42
43	3 KENT	0.0	0.0	0.0	32 No Tellum 1	1.2	0.0	0.0	61 Gates/Woods 3	0.0	0.0	0.0		43
44	4 BRADSHAW	0.0	0.0	0.0	33 No Tellum 2	1.3	0.0	0.0	62 6X Ranch 3	0.0	0.0	0.0		44
45	5 BITTON	0.0	0.0	0.0	34 No Tellum 3	1.0	0.0	0.0	63 6X Ranch 4	0.0	0.0	0.0		45
46	6 Anderson	4.0	4.0	158.5	35 Gates/Woods 1	0.0	0.0	0.0	64 MACKAY DAM	0.0	0.0	0.0		46
47	7 Thalman Hunter D	1.9	0.0	0.0	36 Gates/Woods 2	0.0	0.0	0.0	65 SHARP	5.2	0.0	46.8		47
48	8 Johnson/Hatmaker	3.3	0.0	0.0	37 No Tellum 4	0.0	0.0	0.0						48
49	9 NEILSEN	34.0	13.8	154.7	38 No Tellum 5	0.0	0.0	0.0	67 SWAUGER	24.6	0.0	0.0		49
50	10 Bradshaw 2	0.0	0.0	0.0	39 Gates/Woods/6X R	0.0	0.0	0.0	68 MARINAC	0.0	0.0	0.0		50
51	11 CHILLY	64.4	1.4	136.7	40 Smith Pumps*	6.0	2.8	104.0	69 DARLINGTON	32.0	0.0	0.0		51
52	12 INGRAM	0.0	0.0	0.0	41 Freeman/Kent*	0.0	0.0	0.0	70 BURNETT	58.0	0.0	0.0		52
53	13 Cherian	0.2	0.0	1.4	42 Broken River Pum	0.0	0.0	0.0	71 SUTTER	3.2	0.0	7.6		53
54	14 LONGHURST	5.0	0.0	0.0	43 Broken River Dit	2.0	0.0	2.6	72 ANGELO	0.0	0.0	85.0		54
55	15 Mtn. Springs 3	1.2	1.8	10.7	44 Freeman 2*	0.0	0.0	0.0	73 BECK	15.6	0.0	0.0		55
56	16 Donahue 1	0.0	0.0	62.8	45 Freeman 3*	0.0	0.0	0.0	74 PEHRSON	3.6	0.0	0.0		56
57	17 Zollinger 1	0.0	0.0	0.0	46 Freeman/Hill Pum	0.0	0.0	0.0	75 LOW BURNETT	0.0	0.0	0.0		57
58	18 Zollinger 3	1.7	0.0	24.8	47 6X Ranch 5	0.0	0.0	0.0	76 3IN1	31.2	0.0	28.0		58
59	19 Pence Diversion	0.0	0.0	0.0	48 Johnson/Navarro	3.9	1.9	24.6	77 B&J	6.9	0.0	0.0		59
60	20 Unger	0.0	0.0	0.0	49 6X Ranch 6	0.0	0.0	0.0	78 MOORE	136.0	0.0	0.8		60

21	6X Ranch 1	0.0	0.0	0.0	50 Stoecklein 3*	0.0	0.0	0.0	79 EASTSIDE	78.0	0.0	141.8	
22	Mtn. Springs 1	4.1	0.0	0.0	51 Upper Fish Hatch	4.0	0.0	0.8	80 ARCO	27.9	0.0	0.0	
23	Mtn. Springs 4	0.0	0.0	0.0	52 Freeman Ditch	0.0	0.0	0.0	81 MUNSEY	42.2	11.1	405.9	
1	24 Mtn. Springs 2	1.7	0.0	0.0	53 Stoecklein 1	1.0	0.0	0.0	82 MILLER	0.0	0.0	0.0	1
2	25 Donahue 2	1.2	0.0	0.0	54 Stoecklein 2	1.0	0.0	0.0	83 MCLAUGHLIN	0.0	0.0	0.0	2
3	26 Simmons	1.8	0.0	0.0	55 Stoecklein 4	0.0	0.0	0.0	84 FOLKMAN PUMP	0.0	0.0	0.0	3
4	27 Donahue 4	0.0	0.0	0.0	56 Shoupe Ditch*	2.8	0.0	3.2	85 HUGGINS PUMP	0.0	0.0	0.0	4
5	28 Donahue 3	1.3	0.0	0.0	57 Gates Pump 1	0.0	0.0	0.0	86 QUIST PUMP #1	0.0	0.0	0.0	5
6	29 Zollinger 2	1.6	0.0	0.0	58 Gates Pump 2	0.0	0.0	0.0					6
7													7
8	(1) BITTON USE COMBINED WITH KENT DITCH												8
9													9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1												10
11													11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON												12
13													13
14	(4) SIMMONS USE COMBINED WITH NEILSEN												14
15													15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY												16
17													17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3												18
19													19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2												20
21													21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3												22
23													23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE												24
25													25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1												26
27													27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH												28
29													29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT												30
31													31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH												32
33													33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5												34
35													35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2												36
37													37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP												38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION												39
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1	REACH LOSS DATA - JUL 13, 2009												1
2													2
3													3
4	REACH		ACTUAL DATE	TOTAL GAIN	STORAGE GAIN								4
5													5
6													6
7	8	BIG LOST AT HOWELL	JUL 10	600.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUL 11	179.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUL 11	-17.	0.								9
10	2	BIG LOST AT LESLIE	JUL 11	-113.	2.								10
11	3	BIG LOST BLW MOORE DIV	JUL 12	2.	0.								11
12	5	BIG LOST BLW MUNSEY DIV	JUL 13	-65.	18.								12
13	6	BIG LOST NR ARCO	JUL 13	-11.	5.								13
14													14
15													15
16													16
17													17
18	EXCHANGE PUMP DATA - JUL 13, 2009												18
19													19
20	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	20
21													21
22	1	Neilsen injectio	20.	1768.2	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	22
23	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	23
24	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	24
25	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	25
26	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					26
27													27
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WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) JUL 14, 2009

20091110

1														1		
2	REACH FLOWS IN CFS				ACTUAL	NATURAL	ACTUAL RMAINING		EXCHANGE	STORED	RESRVOIR	NATURAL	TOTAL	REACH	2	
3					DATE	FLOW	FLOW	NAT FLOW	FLOW	FLOW	EVAP	FLOW	DIV	RCH DIV	GAIN LAST RIGHT	3
4															4	
5	8	BIG LOST AT HOWELL	JUL 11	588.8	587.0	587.2	0.0	-0.2	0.0	1.6	1.8	588.8	19020301	5		
6	7	BIG LOST ABV MACKAY RES *	JUL 12	714.5	573.5	623.1	19.6	-49.6	0.0	89.8	158.8	125.7	19020301	6		
7	1	BIG LOST BLW MACKAY RES	JUL 12	698.3	639.0	587.0	0.0	52.0	11.9	19.9	5.2	-16.2	19020301	7		
8	2	BIG LOST AT LESLIE	JUL 12	579.9	386.0	355.9	0.0	30.1	0.0	112.6	112.6	-118.4	19020301	8		
9	3	BIG LOST BLW MOORE DIV	JUL 13	590.0	106.2	100.8	0.0	5.4	0.0	265.3	265.3	10.1	19020301	9		
10	5	BIG LOST BLW MUNSEY DIV	JUL 14	546.9	0.0	3.0	0.0	-3.0	0.0	54.5	65.6	-43.2	19020301	10		
11	6	BIG LOST NR ARCO	JUL 14	543.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3.0	19020301	11		
12															12	
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED										TOTALS	544.	609.	544.	13	
14															14	
15															15	
16															16	
17	RESERVOIR	PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR			RIGHT	STORED	17		
18		(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)					(AF)	(AF)	18		
19	1 MACKAY	43960.0	43770.0	-95.8	14.7	46122.9	1394.8					556.5	475.9	19		
20								1	MACKAY			556.5	475.9	20		
21								2	MACKAY			294.0	252.8	21		
22								3	MACKAY			556.5	475.9	22		
23								4	MACKAY			1113.0	952.1	23		
24								5	MACKAY			140.0	115.1	24		
25								6	MACKAY			20646.0	20646.0	25		
26								7	MACKAY			17205.0	17205.0	26		
27								8	MACKAY			6000.0	6000.0	27		
28															28	
29	TOTAL											46511.0	46122.9	29		
30															30	
31		CHANGE IN	AF USED	STORAGE	ARCO	TOTAL	UNACCT								31	
32		CONTENT	ABOVE	USED	STORED	STORED	STORED								32	
33															33	
34	YEAR-TO-DATE AF	12500.0	1791.0	1501.1	2088.9	14723.3	5506.3								34	
35															35	
36															36	
37															37	
38		CFS	CFS	AF		CFS	CFS	AF			CFS	CFS	AF	38		
39	DIVERSION	DIVN	STOR	USED	DIVERSION	DIVN	STOR	USED	DIVERSION	DIVN	STOR	USED		39		
40														40		
41	1 Sorensen	0.0	0.0	0.0	30 Zollinger/No Tel	4.2	0.0	0.0	59 6X Ranch Pump	0.0	1.0	6.8		41		
42	2 HOWELL	1.8	0.2	0.8	31 Churn Dasher Ran	1.4	0.0	0.0	60 6X Ranch Navarre	1.6	0.0	0.0		42		
43	3 KENT	0.0	0.0	0.0	32 No Tellum 1	1.2	0.0	0.0	61 Gates/Woods 3	0.0	0.0	0.0		43		
44	4 BRADSHAW	0.0	0.0	0.0	33 No Tellum 2	1.3	0.0	0.0	62 6X Ranch 3	0.0	0.0	0.0		44		
45	5 BITTON	0.0	0.0	0.0	34 No Tellum 3	1.0	0.0	0.0	63 6X Ranch 4	0.0	0.0	0.0		45		
46	6 Anderson	4.0	4.0	166.4	35 Gates/Woods 1	0.0	0.0	0.0	64 MACKAY DAM	0.0	0.0	0.0		46		
47	7 Thalman Hunter D	1.9	0.0	0.0	36 Gates/Woods 2	0.0	0.0	0.0	65 SHARP	5.2	0.0	46.8		47		
48	8 Johnson/Hatmaker	3.3	0.0	0.0	37 No Tellum 4	0.0	0.0	0.0						48		
49	9 NEILSEN	34.0	17.8	189.9	38 No Tellum 5	0.0	0.0	0.0	67 SWAUGER	18.4	0.0	0.0		49		
50	10 Bradshaw 2	0.0	0.0	0.0	39 Gates/Woods/6X R	0.0	0.0	0.0	68 MARINAC	0.0	0.0	0.0		50		
51	11 CHILLY	64.4	38.0	212.0	40 Smith Pumps*	6.0	2.8	109.6	69 DARLINGTON	28.0	0.0	0.0		51		
52	12 INGRAM	0.0	0.0	0.0	41 Freeman/Kent*	0.0	0.0	0.0	70 BURNETT	63.0	0.0	0.0		52		
53	13 Cherian	0.2	0.0	1.5	42 Broken River Pum	0.0	0.0	0.0	71 SUTTER	3.2	0.0	7.6		53		
54	14 LONGHURST	5.0	0.0	0.0	43 Broken River Dit	2.0	0.0	2.6	72 ANGELO	0.0	0.0	85.0		54		
55	15 Mtn. Springs 3	1.2	1.8	14.3	44 Freeman 2*	0.0	0.0	0.0	73 BECK	15.6	0.0	0.0		55		
56	16 Donahue 1	0.0	0.0	62.8	45 Freeman 3*	0.0	0.0	0.0	74 PEHRSON	3.6	0.0	0.0		56		
57	17 Zollinger 1	0.0	0.0	0.0	46 Freeman/Hill Pum	0.0	0.0	0.0	75 LOW BURNETT	0.0	0.0	0.0		57		
58	18 Zollinger 3	1.7	1.7	28.2	47 6X Ranch 5	0.0	0.0	0.0	76 3IN1	32.3	0.0	28.0		58		
59	19 Pence Diversion	0.0	0.0	0.0	48 Johnson/Navarro	3.9	1.9	28.4	77 B&J	6.0	0.0	0.0		59		
60	20 Unger	0.0	0.0	0.0	49 6X Ranch 6	0.0	0.0	0.0	78 MOORE	146.0	0.0	0.8		60		

1	REACH LOSS DATA - JUL 14, 2009												1
2													2
3													3
4	REACH		ACTUAL DATE	TOTAL GAIN	STORAGE GAIN								4
5													5
6													6
7	8	BIG LOST AT HOWELL	JUL 11	589.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUL 12	126.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUL 12	-16.	0.								9
10	2	BIG LOST AT LESLIE	JUL 12	-120.	10.								10
11	3	BIG LOST BLW MOORE DIV	JUL 13	10.	0.								11
12	5	BIG LOST BLW MUNSEY DIV	JUL 14	-61.	3.								12
13	6	BIG LOST NR ARCO	JUL 14	-8.	0.								13
14													14
15													15
16													16
17													17
18	EXCHANGE PUMP DATA - JUL 14, 2009												18
19													19
20	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	20
21													21
22	1	Neilsen injectio	20.	1807.1	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	22
23	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	23
24	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	24
25	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	25
26	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					26
27													27
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WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) JUL 15, 2009

20091110

1														1	
2	REACH FLOWS IN CFS			ACTUAL	NATURAL	ACTUAL RMAINING		EXCHANGE	STORED	RESRVOIR	NATURAL	TOTAL	REACH	2	
3				DATE	FLOW	FLOW	NAT FLOW	FLOW	FLOW	EVAP	FLOW	DIV	RCH DIV	GAIN LAST RIGHT	3
4														4	
5	8	BIG LOST AT HOWELL	JUL 12	605.8	604.0	604.2	0.0	-0.2	0.0	1.6	1.8	605.8	18970615	5	
6	7	BIG LOST ABV MACKAY RES *	JUL 13	690.9	546.8	630.3	6.0	-83.5	0.0	59.0	148.3	85.1	18970615	6	
7	1	BIG LOST BLW MACKAY RES	JUL 13	678.9	638.0	592.8	0.0	45.2	14.4	25.5	11.0	-12.0	18970615	7	
8	2	BIG LOST AT LESLIE	JUL 13	555.3	378.0	366.8	0.0	11.2	0.0	102.4	102.4	-123.6	18970615	8	
9	3	BIG LOST BLW MOORE DIV	JUL 14	557.2	68.2	97.8	0.0	-29.6	0.0	270.9	271.3	1.9	18970615	9	
10	5	BIG LOST BLW MUNSEY DIV	JUL 15	518.3	0.0	4.5	0.0	-4.5	0.0	54.4	79.0	-38.9	18970615	10	
11	6	BIG LOST NR ARCO	JUL 15	513.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-4.5	18970615	11	
12														12	
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED									TOTALS	514.	614.	514.	13	
14														14	
15														15	
16														16	
17	RESERVOIR	PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR			RIGHT	STORED	17	
18		(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)					(AF)	(AF)	18	
19	1 MACKAY	43770.0	43540.0	-116.0	14.5	46151.6	1423.3	1	MACKAY			556.5	482.3	19	
20								2	MACKAY			294.0	256.2	20	
21								3	MACKAY			556.5	482.3	21	
22								4	MACKAY			1113.0	964.8	22	
23								5	MACKAY			140.0	115.1	23	
24								6	MACKAY			20646.0	20646.0	24	
25								7	MACKAY			17205.0	17205.0	25	
26								8	MACKAY			6000.0	6000.0	26	
27	TOTAL											46511.0	46151.6	27	
28														28	
29														29	
30														30	
31		CHANGE IN	AF USED	STORAGE	ARCO	TOTAL	UNACCT							31	
32		CONTENT	ABOVE	USED	STORED	STORED	STORED							32	
33														33	
34	YEAR-TO-DATE AF	12270.0	1968.4	1550.6	2088.9	14752.0	5506.3							34	
35														35	
36														36	
37														37	
38		CFS	CFS	AF		CFS	CFS	AF		CFS	CFS	AF	38		
39	DIVERSION	DIVN	STOR	USED	DIVERSION	DIVN	STOR	USED	DIVERSION	DIVN	STOR	USED	39		
40														40	
41	1 Sorensen	0.0	0.0	0.0	30 Zollinger/No Tel	0.0	0.0	0.0	59 6X Ranch Pump	0.0	0.2	7.1	41		
42	2 HOWELL	1.8	0.2	1.2	31 Churn Dasher Ran	2.0	0.0	0.0	60 6X Ranch Navarre	0.8	0.0	0.0	42		
43	3 KENT	0.0	0.0	0.0	32 No Tellum 1	0.0	0.0	0.0	61 Gates/Woods 3	0.0	0.0	0.0	43		
44	4 BRADSHAW	0.0	0.0	0.0	33 No Tellum 2	0.0	0.0	0.0	62 6X Ranch 3	0.0	0.0	0.0	44		
45	5 BITTON	0.0	0.0	0.0	34 No Tellum 3	0.0	0.0	0.0	63 6X Ranch 4	0.0	0.0	0.0	45		
46	6 Anderson	2.0	2.0	170.4	35 Gates/Woods 1	0.0	0.0	0.0	64 MACKAY DAM	0.0	0.0	0.0	46		
47	7 Thalman Hunter D	1.4	0.0	0.0	36 Gates/Woods 2	0.0	0.0	0.0	65 SHARP	11.0	0.0	46.8	47		
48	8 Johnson/Hatmaker	1.6	0.0	0.0	37 No Tellum 4	0.0	0.0	0.0					48		
49	9 NEILSEN	44.7	32.5	254.3	38 No Tellum 5	0.0	0.0	0.0	67 SWAUGER	10.4	0.0	0.0	49		
50	10 Bradshaw 2	0.0	0.0	0.0	39 Gates/Woods/6X R	0.0	0.0	0.0	68 MARINAC	0.0	0.0	0.0	50		
51	11 CHILLY	54.2	42.2	295.7	40 Smith Pumps*	9.2	6.0	121.5	69 DARLINGTON	28.0	0.0	0.0	51		
52	12 INGRAM	0.0	0.0	0.0	41 Freeman/Kent*	0.0	0.0	0.0	70 BURNETT	60.0	0.0	0.0	52		
53	13 Cherian	0.0	0.0	1.5	42 Broken River Pum	2.0	0.0	0.0	71 SUTTER	4.0	0.0	7.6	53		
54	14 LONGHURST	5.8	0.0	0.0	43 Broken River Dit	0.0	0.0	2.6	72 ANGELO	0.0	0.0	85.0	54		
55	15 Mtn. Springs 3	1.3	4.5	23.2	44 Freeman 2*	0.0	0.0	0.0	73 BECK	15.6	0.0	0.0	55		
56	16 Donahue 1	0.0	0.0	62.8	45 Freeman 3*	0.0	0.0	0.0	74 PEHRSON	3.6	0.0	0.0	56		
57	17 Zollinger 1	0.0	0.0	0.0	46 Freeman/Hill Pum	0.0	0.0	0.0	75 LOW BURNETT	0.0	0.0	0.0	57		
58	18 Zollinger 3	0.0	0.0	28.2	47 6X Ranch 5	0.0	0.0	0.0	76 3IN1	32.3	0.0	28.0	58		
59	19 Pence Diversion	0.0	0.0	0.0	48 Johnson/Navarro	3.1	1.1	30.6	77 B&J	6.0	0.0	0.0	59		
60	20 Unger	0.0	0.0	0.0	49 6X Ranch 6	0.0	0.0	0.0	78 MOORE	146.0	0.4	1.6	60		

21	6X Ranch 1	4.4	0.0	0.0	50 Stoecklein 3*	0.0	0.0	0.0	79 EASTSIDE	67.8	0.0	141.8	
22	Mtn. Springs 1	4.0	0.0	0.0	51 Upper Fish Hatch	3.0	0.0	0.8	80 ARCO	32.6	0.0	0.0	
23	Mtn. Springs 4	0.0	0.0	0.0	52 Freeman Ditch	0.0	0.0	0.0	81 MUNSEY	46.4	24.6	476.5	
1	24 Mtn. Springs 2	1.5	0.0	0.0	53 Stoecklein 1	1.0	0.0	0.0	82 MILLER	0.0	0.0	0.0	1
2	25 Donahue 2	0.8	0.8	1.6	54 Stoecklein 2	1.0	0.0	0.0	83 MCLAUGHLIN	0.0	0.0	0.0	2
3	26 Simmons	1.4	0.0	0.0	55 Stoecklein 4	0.0	0.0	0.0	84 FOLKMAN PUMP	0.0	0.0	0.0	3
4	27 Donahue 4	0.0	0.0	0.0	56 Shoupe Ditch*	3.0	0.0	3.2	85 HUGGINS PUMP	0.0	0.0	0.0	4
5	28 Donahue 3	0.0	0.0	0.0	57 Gates Pump 1	0.0	0.0	0.0	86 QUIST PUMP #1	0.0	0.0	0.0	5
6	29 Zollinger 2	0.0	0.0	0.0	58 Gates Pump 2	0.0	0.0	0.0					6
7													7
8	(1) BITTON USE COMBINED WITH KENT DITCH												8
9													9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1												10
11													11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON												12
13													13
14	(4) SIMMONS USE COMBINED WITH NEILSEN												14
15													15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY												16
17													17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3												18
19													19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2												20
21													21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3												22
23													23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE												24
25													25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1												26
27													27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH												28
29													29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT												30
31													31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH												32
33													33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5												34
35													35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2												36
37													37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP												38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION												39
40													40
41													41
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57													57
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59													59
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1	REACH LOSS DATA - JUL 15, 2009												1
2													2
3													3
4	REACH		ACTUAL DATE	TOTAL GAIN	STORAGE GAIN								4
5													5
6													6
7	8	BIG LOST AT HOWELL	JUL 12	606.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUL 13	85.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUL 13	-12.	0.								9
10	2	BIG LOST AT LESLIE	JUL 13	-133.	9.								10
11	3	BIG LOST BLW MOORE DIV	JUL 14	2.	0.								11
12	5	BIG LOST BLW MUNSEY DIV	JUL 15	-42.	0.								12
13	6	BIG LOST NR ARCO	JUL 15	-4.	0.								13
14													14
15													15
16													16
17													17
18	EXCHANGE PUMP DATA - JUL 15, 2009												18
19													19
20	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	20
21													21
22	1	Neilsen injectio	6.	1819.0	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	22
23	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	23
24	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	24
25	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	25
26	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					26
27													27
28													28
29													29
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31													31
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60													60
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WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) JUL 16, 2009

20091110

1	WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (V2.0FC) JUL 10, 2009												20091110		
2	REACH FLOWS IN CFS		ACTUAL	NATURAL	ACTUAL RMAINING	EXCHANGE	STORED	RESRVOIR	NATURAL	TOTAL	REACH				
3			DATE	FLOW	FLOW NAT FLOW	FLOW	FLOW	EVAP	FLOW DIV	RCH DIV	GAIN LAST RIGHT				
4															
5	8	BIG LOST AT HOWELL	JUL 13	641.4	639.0	639.8	0.0	-0.8	0.0	1.6	2.4	641.4	19001101		
6	7	BIG LOST ABV MACKAY RES *	JUL 14	698.1	553.5	620.7	6.0	-67.2	0.0	75.9	148.3	56.7	19001101		
7	1	BIG LOST BLW MACKAY RES	JUL 14	690.3	630.0	587.3	0.0	42.7	13.9	25.5	11.0	-7.8	19001101		
8	2	BIG LOST AT LESLIE	JUL 14	554.8	382.0	349.5	0.0	32.5	0.0	102.4	102.4	-135.5	19001101		
9	3	BIG LOST BLW MOORE DIV	JUL 15	541.3	72.0	82.4	0.0	-10.4	0.0	253.5	253.5	-13.5	19001101		
10	5	BIG LOST BLW MUNSEY DIV	JUL 16	517.0	0.0	1.5	0.0	-1.5	0.0	56.6	76.6	-24.3	19001101		
11	6	BIG LOST NR ARCO	JUL 16	515.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.5	19001101		
12															
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED							TOTALS		516.	594.	516.			
14															
15															
16															
17	RESERVOIR		PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR		RIGHT	STORED		
18			(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)				(AF)	(AF)		
19															
20	1	MACKAY	43540.0	43340.0	-100.8	14.5	46180.4	1450.9	1	MACKAY		556.5	488.6		
21									2	MACKAY		294.0	259.5		
22									3	MACKAY		556.5	488.6		
23									4	MACKAY		1113.0	977.5		
24									5	MACKAY		140.0	115.1		
25									6	MACKAY		20646.0	20646.0		
26									7	MACKAY		17205.0	17205.0		
27									8	MACKAY		6000.0	6000.0		
28															
29	TOTAL										46511.0	46180.4			
30															
31	CHANGE IN		AF USED	STORAGE	ARCO	TOTAL	UNACCT								
32	CONTENT		ABOVE	USED	STORED	STORED	STORED								
33															
34	YEAR-TO-DATE AF	12070.0	2113.6	1590.2	2088.9	14780.8	5506.3								
35															
36															
37															
38	CFS		CFS	AF	CFS			CFS	AF	CFS		CFS	AF		
39	DIVN		STOR	USED	DIVN			STOR	USED	DIVN		STOR	USED		
40															
41	1	Sorensen	0.0	0.0	0.0	30	Zollinger/No Tel	0.0	0.0	0.0	59	6X Ranch Pump	0.0	0.2	7.5
42	2	HOWELL	2.4	0.8	2.8	31	Churn Dasher Ran	2.0	0.0	0.0	60	6X Ranch Navarre	0.8	0.0	0.0
43	3	KENT	0.0	0.0	0.0	32	No Tellum 1	0.0	0.0	0.0	61	Gates/Woods 3	0.0	0.0	0.0
44	4	BRADSHAW	0.0	0.0	0.0	33	No Tellum 2	0.0	0.0	0.0	62	6X Ranch 3	0.0	0.0	0.0
45	5	BITTON	0.0	0.0	0.0	34	No Tellum 3	0.0	0.0	0.0	63	6X Ranch 4	0.0	0.0	0.0
46	6	Anderson	2.0	0.3	171.0	35	Gates/Woods 1	0.0	0.0	0.0	64	MACKAY DAM	0.0	0.0	0.0
47	7	Thalman Hunter D	1.4	0.0	0.0	36	Gates/Woods 2	0.0	0.0	0.0	65	SHARP	11.0	0.0	46.8
48	8	Johnson/Hatmaker	1.6	0.0	0.0	37	No Tellum 4	0.0	0.0	0.0					
49	9	NEILSEN	44.7	28.3	310.5	38	No Tellum 5	0.0	0.0	0.0	67	SWAUGER	10.4	0.0	0.0
50	10	Bradshaw 2	0.0	0.0	0.0	39	Gates/Woods/6X R	0.0	0.0	0.0	68	MARINAC	0.0	0.0	0.0
51	11	CHILLY	54.2	34.1	363.3	40	Smith Pumps*	9.2	6.0	133.4	69	DARLINGTON	28.0	0.0	0.0
52	12	INGRAM	0.0	0.0	0.0	41	Freeman/Kent*	0.0	0.0	0.0	70	BURNETT	60.0	0.0	0.0
53	13	Cherian	0.0	0.0	1.5	42	Broken River Pum	2.0	0.0	0.0	71	SUTTER	4.0	0.0	7.6
54	14	LONGHURST	5.8	0.0	0.0	43	Broken River Dit	0.0	0.0	2.6	72	ANGELO	0.0	0.0	85.0
55	15	Mtn. Springs 3	1.3	1.6	26.4	44	Freeman 2*	0.0	0.0	0.0	73	BECK	15.6	0.0	0.0
56	16	Donahue 1	0.0	0.0	62.8	45	Freeman 3*	0.0	0.0	0.0	74	PEHRSON	3.6	0.0	0.0
57	17	Zollinger 1	0.0	0.0	0.0	46	Freeman/Hill Pum	0.0	0.0	0.0	75	LOW BURNETT	0.0	0.0	0.0
58	18	Zollinger 3	0.0	0.0	28.2	47	6X Ranch 5	0.0	0.0	0.0	76	3IN1	32.3	0.0	28.0
59	19	Pence Diversion	0.0	0.0	0.0	48	Johnson/Navarro	3.1	1.1	32.8	77	B&J	6.0	0.0	0.0
60	20	Unger	0.0	0.0	0.0	49	6X Ranch 6	0.0	0.0	0.0	78	MOORE	126.0	0.0	1.6

1	REACH LOSS DATA - JUL 16, 2009												1
2													2
3													3
4	REACH		ACTUAL DATE	TOTAL GAIN	STORAGE GAIN								4
5													5
6													6
7	8	BIG LOST AT HOWELL	JUL 13	641.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUL 14	57.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUL 14	-8.	0.								9
10	2	BIG LOST AT LESLIE	JUL 14	-145.	10.								10
11	3	BIG LOST BLW MOORE DIV	JUL 15	-14.	1.								11
12	5	BIG LOST BLW MUNSEY DIV	JUL 16	-24.	0.								12
13	6	BIG LOST NR ARCO	JUL 16	-2.	0.								13
14													14
15													15
16													16
17													17
18	EXCHANGE PUMP DATA - JUL 16, 2009												18
19													19
20	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	20
21													21
22	1	Neilsen injectio	6.	1830.9	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	0.	200.0	22
23	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	23
24	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	0.	200.0	13	SCHUREMAN EXCHAN	0.	0.0	24
25	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	25
26	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					26
27													27
28													28
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WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (v2.0PC) JUL 17, 2009

20091110

1	WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING - (V2.0FC) JUL 17, 2009												20091110		
2	REACH FLOWS IN CFS			ACTUAL	NATURAL	ACTUAL RMAINING	EXCHANGE	STORED	RESRVOIR	NATURAL	TOTAL	REACH			
3				DATE	FLOW	FLOW NAT FLOW	FLOW	FLOW	EVAP	FLOW DIV	RCH DIV	GAIN LAST RIGHT			
4															
5	8	BIG LOST AT HOWELL		JUL 14	570.4	568.0	568.8	0.0	-0.8	0.0	1.6	2.4	570.4	18990327	
6	7	BIG LOST ABV MACKAY RES *		JUL 15	713.9	573.3	648.0	6.0	-74.7	0.0	64.3	144.2	143.5	18990327	
7	1	BIG LOST BLW MACKAY RES		JUL 15	711.0	665.0	619.6	0.0	45.4	13.9	25.5	11.0	-2.8	18990327	
8	2	BIG LOST AT LESLIE		JUL 15	568.5	397.0	374.7	0.0	22.3	0.0	102.4	102.4	-142.5	18990327	
9	3	BIG LOST BLW MOORE DIV		JUL 16	530.3	54.1	53.4	0.0	0.7	0.0	283.1	294.7	-38.3	18990327	
10	5	BIG LOST BLW MUNSEY DIV		JUL 17	522.2	0.0	0.0	18.8	0.0	0.0	45.2	65.6	-8.1	18990327	
11	6	BIG LOST NR ARCO		JUL 17	522.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18990327	
12															
13	* - INDICATES FLOW ESTIMATED, NOT MEASURED								TOTALS		522.	620.	522.		
14															
15															
16															
17	RESERVOIR		PREV CONT	CURR CONT	CHNG CONT	ACC STOR	TOTL STOR	TOTL EVP	PRIORITY	RESERVOIR		RIGHT		STORED	
18			(AF)	(AF)	(CFS)	(CFS)	(AF)	(AF)				(AF)	(AF)		
19															
20	1 MACKAY		43340.0	43110.0	-116.0	14.5	46209.1	1478.4	1	MACKAY		556.5	495.0		
21									2	MACKAY		294.0	262.9		
22									3	MACKAY		556.5	495.0		
23									4	MACKAY		1113.0	990.2		
24									5	MACKAY		140.0	115.1		
25									6	MACKAY		20646.0	20646.0		
26									7	MACKAY		17205.0	17205.0		
27									8	MACKAY		6000.0	6000.0		
28															
29	TOTAL												46511.0	46209.1	
30															
31			CHANGE IN	AF USED	STORAGE	ARCO	TOTAL	UNACCT							
32			CONTENT	ABOVE	USED	STORED	STORED	STORED							
33															
34	YEAR-TO-DATE AF		11840.0	2273.5	1653.7	2088.9	14809.5	5506.3							
35															
36															
37															
38			CFS	CFS	AF				CFS	CFS	AF				
39	DIVERSION		DIVN	STOR	USED	DIVERSION			DIVN	STOR	USED	DIVERSION			
40												CFS	CFS	AF	
40												DIVN	STOR	USED	
41	1	Sorensen	0.0	0.0	0.0	30	Zollinger/No Tel	0.0	0.0	0.0	59	6X Ranch Pump	0.0	0.2	7.9
42	2	HOWELL	2.4	0.8	4.4	31	Churn Dasher Ran	2.0	0.0	0.0	60	6X Ranch Navarre	0.8	0.0	0.0
43	3	KENT	0.0	0.0	0.0	32	No Tellum 1	0.0	0.0	0.0	61	Gates/Woods 3	0.0	0.0	0.0
44	4	BRADSHAW	0.0	0.0	0.0	33	No Tellum 2	0.0	0.0	0.0	62	6X Ranch 3	0.0	0.0	0.0
45	5	BITTON	0.0	0.0	0.0	34	No Tellum 3	0.0	0.0	0.0	63	6X Ranch 4	0.0	0.0	0.0
46	6	Anderson	0.7	0.7	172.4	35	Gates/Woods 1	0.0	0.0	0.0	64	MACKAY DAM	0.0	0.0	0.0
47	7	Thalman Hunter D	1.4	0.0	0.0	36	Gates/Woods 2	0.0	0.0	0.0	65	SHARP	11.0	0.0	46.8
48	8	Johnson/Hatmaker	1.6	0.0	0.0	37	No Tellum 4	0.0	0.0	0.0					
49	9	NEILSEN	44.7	32.5	374.8	38	No Tellum 5	0.0	0.0	0.0	67	SWAUGER	10.4	0.0	0.0
50	10	Bradshaw 2	0.0	0.0	0.0	39	Gates/Woods/6X R	0.0	0.0	0.0	68	MARINAC	0.0	0.0	0.0
51	11	CHILLY	54.2	37.0	436.7	40	Smith Pumps*	9.2	6.0	145.3	69	DARLINGTON	28.0	0.0	0.0
52	12	INGRAM	0.0	0.0	0.0	41	Freeman/Kent*	0.0	0.0	0.0	70	BURNETT	60.0	0.0	0.0
53	13	Cherian	0.0	0.0	1.5	42	Broken River Pum	2.0	0.0	0.0	71	SUTTER	4.0	0.0	7.6
54	14	LONGHURST	3.0	0.0	0.0	43	Broken River Dit	0.0	0.0	2.6	72	ANGELO	0.0	0.0	85.0
55	15	Mtn. Springs 3	1.3	1.6	29.6	44	Freeman 2*	0.0	0.0	0.0	73	BECK	15.7	0.0	0.0
56	16	Donahue 1	0.0	0.0	62.8	45	Freeman 3*	0.0	0.0	0.0	74	PEHRSON	3.6	0.0	0.0
57	17	Zollinger 1	0.0	0.0	0.0	46	Freeman/Hill Pum	0.0	0.0	0.0	75	LOW BURNETT	0.0	0.0	0.0
58	18	Zollinger 3	0.0	0.0	28.2	47	6X Ranch 5	0.0	0.0	0.0	76	3IN1	32.6	0.0	28.0
59	19	Pence Diversion	0.0	0.0	0.0	48	Johnson/Navarro	3.1	1.1	34.9	77	B&J	5.9	0.0	0.0
60	20	Unger	0.0	0.0	0.0	49	6X Ranch 6	0.0	0.0	0.0	78	MOORE	160.0	11.6	24.6

1	REACH LOSS DATA - JUL 17, 2009												1
2													2
3													3
4	REACH		ACTUAL DATE	TOTAL GAIN	STORAGE GAIN								4
5													5
6													6
7	8	BIG LOST AT HOWELL	JUL 14	570.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUL 15	143.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUL 15	-3.	0.								9
10	2	BIG LOST AT LESLIE	JUL 15	-152.	10.								10
11	3	BIG LOST BLW MOORE DIV	JUL 16	-39.	2.								11
12	5	BIG LOST BLW MUNSEY DIV	JUL 17	-8.	0.								12
13	6	BIG LOST NR ARCO	JUL 17	0.	0.								13
14													14
15													15
16													16
17	EXCHANGE PUMP DATA - JUL 17, 2009												17
18													18
19	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	19
20													20
21													21
22	1	Neilsen injectio	6.	1842.8	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	8.	215.5	22
23	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	23
24	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	11.	221.8	13	SCHUREMAN EXCHAN	0.	0.0	24
25	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	25
26	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					26
27													27
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21	6X Ranch 1	4.4	0.0	0.0	50	Stoecklein 3*	0.0	0.0	0.0	79	EASTSIDE	74.9	12.4	166.4	
22	Mtn. Springs 1	4.0	0.0	0.0	51	Upper Fish Hatch	3.0	0.0	0.8	80	ARCO	23.4	0.0	0.0	
23	Mtn. Springs 4	0.0	0.0	0.0	52	Freeman Ditch	0.0	0.0	0.0	81	MUNSEY	42.2	34.6	625.1	
1	24 Mtn. Springs 2	1.5	0.0	0.0	53	Stoecklein 1	1.0	0.0	0.0	82	MILLER	0.0	0.0	0.0	1
2	25 Donahue 2	0.8	0.8	6.3	54	Stoecklein 2	1.0	0.0	0.0	83	MCLAUGHLIN	0.0	0.0	0.0	2
3	26 Simmons	1.4	0.0	0.0	55	Stoecklein 4	0.0	0.0	0.0	84	FOLKMAN PUMP	0.0	0.0	0.0	3
4	27 Donahue 4	0.0	0.0	0.0	56	Shoupe Ditch*	3.0	0.0	3.2	85	HUGGINS PUMP	0.0	0.0	0.0	4
5	28 Donahue 3	0.0	0.0	0.0	57	Gates Pump 1	0.0	0.0	0.0	86	QUIST PUMP #1	0.0	0.0	0.0	5
6	29 Zollinger 2	0.0	0.0	0.0	58	Gates Pump 2	0.0	0.0	0.0						6
7															7
8	(1) BITTON USE COMBINED WITH KENT DITCH														8
9															9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1														10
11															11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON														12
13															13
14	(4) SIMMONS USE COMBINED WITH NEILSEN														14
15															15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY														16
17															17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3														18
19															19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2														20
21															21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3														22
23															23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE														24
25															25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1														26
27															27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH														28
29															29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT														30
31															31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH														32
33															33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5														34
35															35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2														36
37															37
38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP														38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION														39
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1	REACH LOSS DATA - JUL 18, 2009												1
2													2
3													3
4	REACH		ACTUAL DATE	TOTAL GAIN	STORAGE GAIN								4
5													5
6													6
7	8	BIG LOST AT HOWELL	JUL 15	515.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUL 16	125.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUL 16	-2.	0.								9
10	2	BIG LOST AT LESLIE	JUL 16	-155.	29.								10
11	3	BIG LOST BLW MOORE DIV	JUL 17	-57.	17.								11
12	5	BIG LOST BLW MUNSEY DIV	JUL 18	2.	0.								12
13	6	BIG LOST NR ARCO	JUL 18	0.	0.								13
14													14
15													15
16													16
17													17
18	EXCHANGE PUMP DATA - JUL 18, 2009												18
19													19
20	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	20
21													21
22	1	Neilsen injectio	6.	1854.7	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	8.	230.9	22
23	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	23
24	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	11.	243.6	13	SCHUREMAN EXCHAN	0.	0.0	24
25	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	25
26	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					26
27													27
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21	6X Ranch 1	4.0	0.0	0.0	50	Stoecklein 3*	0.0	0.0	0.0	79	EASTSIDE	66.8	16.1	198.3	
22	Mtn. Springs 1	4.0	0.0	0.0	51	Upper Fish Hatch	3.0	2.6	5.9	80	ARCO	27.9	0.0	0.0	
23	Mtn. Springs 4	0.0	0.0	0.0	52	Freeman Ditch	0.0	0.0	0.0	81	MUNSEY	46.4	42.0	708.3	
1	24 Mtn. Springs 2	0.0	0.0	0.0	53	Stoecklein 1	1.0	0.0	0.0	82	MILLER	0.0	0.0	0.0	1
2	25 Donahue 2	0.8	0.8	7.9	54	Stoecklein 2	1.0	0.0	0.0	83	MCLAUGHLIN	0.0	0.0	0.0	2
3	26 Simmons	1.0	0.0	0.0	55	Stoecklein 4	0.0	0.0	0.0	84	FOLKMAN PUMP	0.0	0.0	0.0	3
4	27 Donahue 4	0.0	0.0	0.0	56	Shoupe Ditch*	3.0	0.0	3.2	85	HUGGINS PUMP	0.0	0.0	0.0	4
5	28 Donahue 3	0.0	0.0	0.0	57	Gates Pump 1	0.0	0.0	0.0	86	QUIST PUMP #1	0.0	0.0	0.0	5
6	29 Zollinger 2	0.0	0.0	0.0	58	Gates Pump 2	0.0	0.0	0.0						6
7															7
8	(1) BITTON USE COMBINED WITH KENT DITCH														8
9															9
10	(2) BRADSHAW 2 USE COMBINED WITH BRADSHAW 1														10
11															11
12	(3) JOHNSON/HATMAKER USE COMBINED WITH ANDERSON														12
13															13
14	(4) SIMMONS USE COMBINED WITH NEILSEN														14
15															15
16	(5) LONGHURST AND INGRAM USE COMBINED WITH CHILLY														16
17															17
18	(6) MTN SPRINGS 1, 2 & 4 USE COMBINED WITH MTN SPRINGS 3														18
19															19
20	(7) DONAHUE 3 AND 4 USE COMBINED WITH DONAHUE 2														20
21															21
22	(8) ZOLLINGER 1 USE COMBINED WITH ZOLLINGER 3														22
23															23
24	(9) ZOLLINGER 2, ZOLLINGER/NO TELLUM, AND UNGER USECOMBINED WITH PENCE														24
25															25
26	(10) NO TELLUM 2, 3, 4, AND 5 USE COMBINED WITH NO TELLUM 1														26
27															27
28	(11) 6X RANCH 1, 3, AND 4, GATES/WOODS 1 AND 2 USE COMBINED WITH GATES,WOODS,6X RANCH														28
29															29
30	(12) FREEMAN 2, 3, AND PUMP USE COMBINED WITH FREEMAN/KENT														30
31															31
32	(13) BROKEN RIVER PUMP USE COMBINED WITH BROKEN RIVER DITCH														32
33															33
34	(14) 6X RANCH 6 USE COMBINED WITH 6X RANCH 5														34
35															35
36	(15) STOECKLEIN 1 USE COMBINED WITH STOECKLEIN 2														36
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38	(16) 6X NAVARRE USE COMBINED WITH 6X PUMP														38
39	(*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION														39
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1	REACH LOSS DATA - JUL 19, 2009												1
2													2
3													3
4	REACH		ACTUAL DATE	TOTAL GAIN	STORAGE GAIN								4
5													5
6													6
7	8	BIG LOST AT HOWELL	JUL 16	497.	0.								7
8	7	BIG LOST ABV MACKAY RES	JUL 17	86.	0.								8
9	1	BIG LOST BLW MACKAY RES	JUL 17	-4.	0.								9
10	2	BIG LOST AT LESLIE	JUL 17	-155.	39.								10
11	3	BIG LOST BLW MOORE DIV	JUL 18	-66.	22.								11
12	5	BIG LOST BLW MUNSEY DIV	JUL 19	0.	0.								12
13	6	BIG LOST NR ARCO	JUL 19	0.	0.								13
14													14
15													15
16													16
17													17
18	EXCHANGE PUMP DATA - JUL 19, 2009												18
19													19
20	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	EXCHANGE PUMP	CFS PUMPED	AF YR	TOTAL	20
21													21
22	1	Neilsen injectio	6.	1866.6	6	POTTER EXCHANGE	0.	0.0	11	ISOM 2 EXCHANGE	8.	246.4	22
23	2	JM SMITH EXCHANG	0.	0.0	7	JENSEN EXCHANGE	0.	0.0	12	QUIST EXCHANGE P	0.	0.0	23
24	3	L SMITH EXCHANGE	0.	0.0	8	ISOM 1 EXCHANGE	11.	265.5	13	SCHUREMAN EXCHAN	0.	0.0	24
25	4	PEHRSON EXCHANGE	0.	0.0	9	PARKINSON EXCHAN	0.	0.0	14	RASMUSSEN EXCHAN	0.	0.0	25
26	5	FOLKMAN EXCHANGE	0.	83.1	10	MCDONALD EXCHANG	0.	0.0					26
27													27
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