

## **Appendix C – 2012 Injection Rate Data**

Date	Well ID Number																													Daily Total (gpm)	
	1	2	3	5	7	22	23	24	25	27	28	29	30	31	32	33	34	35	37	38	39	40	41	42	43	45	46	47	48		49
1-Jan-12		12			6						6			16		53	48	12	5		7	15	8		10	45	5	8		18	229
2-Jan-12	No Data Collected																													-	
3-Jan-12		9			6						5			15		57	49	12	5		7	15	7		9		5	8		17	226
4-Jan-12		9			7						5			15		55	47	12	5		6	15	8		9		5	8		18	224
5-Jan-12		8			6					30	5	4	10	15		51	47	12	4	4	7	15	7	2	10		5	8		18	268
6-Jan-12		8			6					43	5	5		15		2	49	12	5	5	6	15	8	2	10		6	9		18	229
7-Jan-12		7			6					43	5	6		15		52	49	12	5	5	6	15	8	2	10		6	9		19	280
8-Jan-12	No Data Collected																													-	
9-Jan-12		8													52	48	12	5	6	7	15	8	1	9		4	9		18	202	
10-Jan-12		7			7					43	5	6	13	15		52	49	12	5	5	7	14	8	1	9		6	8		17	289
11-Jan-12		7			7					43	4	5	14	15		49	48	12	5	5	7	16	8		9		5	9		17	285
12-Jan-12		7			6					5	42	5	14	15		49	49	12	5	4	7	15	8		9		5	13		18	288
13-Jan-12		7			7					25	6	5	20	15		42	25	11	5	6	6	15	9		9		5	11		20	249
14-Jan-12	No Data Collected																													-	
15-Jan-12		7			7					25	5	6	14	15		18	31	11	5	6	7	15	9		10		5	11		18	225
16-Jan-12		7			7					25	5	6	14	15		16	22	11	5	6	7	15	8		9		6	15		18	217
17-Jan-12		8			6					22	5	7	16	15		19	30	13	5		6	18	9		9		7	3		18	216
18-Jan-12		9			7					19	5	6	14	15		29	30	12	4		5	15	10		10		7	3		17	217
19-Jan-12		8			7					20	6	7	15	15		34	29	11	5		5	14	9		12		7	3		17	224
20-Jan-12		8			6					18	7	7	16	14		42	28	12	4		5	14	10		9		8	4		16	228
21-Jan-12	No Data Collected																													-	
22-Jan-12		8			7						7			14		32	29	12	5		5	15			11		6	3		19	173
23-Jan-12		8			7						6			15		34	31	12	5		5	14			8		6	3		18	172
24-Jan-12	No Data Collected																													-	
25-Jan-12		8			7					5				16		35	29	12	5		5	14			10		6	3		18	173
26-Jan-12		7			7						5			15		33	29	11	5		5	15			9		7	3		16	167
27-Jan-12		6			7					14	5		19	14		30	90	11	5		5	14	12		8		7	14		17	278
28-Jan-12	No Data Collected																													-	
29-Jan-12	No Data Collected																													-	
30-Jan-12		6			7					15	5		15	15		32	34	11	5		6	14	10		10		7	3		17	212
31-Jan-12		6														27	30	11	4											17	95

Date	Well ID Number																												Daily Total (gpm)			
	1	2	3	5	7	22	23	24	25	27	28	29	30	31	32	33	34	35	37	38	39	40	41	42	43	45	46	47		48	49	
1-Feb-12		6			7					4	5		14	10		6	7	9	5		6	7	11		9		8	3		9	126	
2-Feb-12		6			6					3	3		8	8		7	7	10	4		5		6		10		6	2			91	
3-Feb-12		5			5					2	3		7	6		5	5	7	3		4		5		10		5	2			74	
4-Feb-12	No Data Collected																												-			
5-Feb-12	No Data Collected																												-			
6-Feb-12	No Data Collected																												-			
7-Feb-12	No Data Collected																												-			
8-Feb-12	No Data Collected																												-			
9-Feb-12	No Data Collected																												-			
10-Feb-12	No Data Collected																												-			
11-Feb-12		5									4		7	6			5	7				16	5		9		3	2			69	
12-Feb-12		6									5		7	8			28	7				16	26		9		4	2			118	
13-Feb-12		5									19	6	6	7		21	29	7		17		12	25		8		4	3			169	
14-Feb-12		6			1						19	5	7	8		21	19	8	5			14	17		9		3	3			145	
15-Feb-12		5									16	4	8	7		14	28	8	5			12	16		6		4	14			147	
16-Feb-12		4									7	1	7	4		18	18	5	3			6	5		4		2	5			89	
17-Feb-12		4									11	2		4		16	18	7	4			6	12		8		2	9			103	
18-Feb-12		5									11	2		6	5		9	13	6	4			12		8		2	9			92	
19-Feb-12		5									11	2		6	4		9	16	6	3			10		7		2	9			90	
20-Feb-12		4									7	1	7	3		8	15	5	3				8		6		2	7			76	
21-Feb-12		5									7	1	7	3		8	16	5	3				7		6		2	7			77	
22-Feb-12		4									7	2		6	4		8	9	1	4			9		7		2	8			71	
23-Feb-12		5									8	2		5	7		8	10	1	3			11		8		2	10			80	
24-Feb-12		7									12	2		7	6		8	9	1	3				9		8		3	8			83
25-Feb-12		4									11	2		7	4		7	9	1	3				9		8		3	9			77
26-Feb-12	No Data Collected																												-			
27-Feb-12	No Data Collected																												-			
28-Feb-12		3												4		6	9		3									10			35	
29-Feb-12		4												4		5	10		3								2	9			37	

Date	Well ID Number																													Daily Total (gpm)			
	1	2	3	5	7	22	23	24	25	27	28	29	30	31	32	33	34	35	37	38	39	40	41	42	43	45	46	47	48		49		
1-Mar-12		4												6		5	9		3									3	10			40	
2-Mar-12		5												7		14	28		4									3	17			78	
3-Mar-12		4												4		3	5		3									2	2			23	
4-Mar-12		4												4		3	5		3									2	2			23	
5-Mar-12		4												4		3	7		3									2	2			25	
6-Mar-12		4												5		4	5		3				8					2	2			33	
7-Mar-12		4												4		3	5	3	3				7					2	2			33	
8-Mar-12		4											6	4		4	5	2	3				8					2	2			40	
9-Mar-12		4											4	4		3	5	3	2				7					2	2			36	
10-Mar-12		4											4	4		3	5	3	2				7					2	2			36	
11-Mar-12		3											5	4		3	5	2	3				8					2				35	
12-Mar-12		4										8		6	4		3	5	3	3			8					2				46	
13-Mar-12		3										5		6	3		3	5	2	3			8					2	2			42	
14-Mar-12		4										5		6	3		4	5	2	3			7					2	3			44	
15-Mar-12		4										5		6	3		4	5	2	3			7					2	3			44	
16-Mar-12		5										6		7	4		3	5	4	3			9	7				2	2			57	
17-Mar-12		4										5		6	4		3	5	2	3			9	7				2	2			52	
18-Mar-12		4										5		5	4		3	5	3	3			8	7				8	2			57	
19-Mar-12		3										5		6	3		3	5	3	2			9	7				1	1			48	
20-Mar-12		4										5		6	3		3	5	3	3			8	7				1	1			49	
21-Mar-12		4										6		7	4		3	5	2	3			9	6				2				51	
22-Mar-12		3										6		6	4		4	5	3	3			9	7				2	1			53	
23-Mar-12		4										5		6	4		3	5	4	3			9	7				2	2			54	
24-Mar-12		5										6		6	4		4	6	3	3			9	8				2	3			59	
25-Mar-12		5										5		5	4		3	5	2	3			9	7				2	3			53	
26-Mar-12		4										5		3		3	5	3	3			9	7				1					43	
27-Mar-12		4										5		6	4		3	5	2	3			9	8				2				51	
28-Mar-12		4										5		6	3		3	6	3	3			7					2				42	
29-Mar-12		4										5		6	5		3	5	3	3			7										41
30-Mar-12		4										5		6	4		3	5	3	3			6										39
31-Mar-12		4										5		6	4		3	5	2	3			6										38

Date	Well ID Number																												Daily Total (gpm)			
	1	2	3	5	7	22	23	24	25	27	28	29	30	31	32	33	34	35	37	38	39	40	41	42	43	45	46	47		48	49	
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2-Apr-12		4								10			5	4		4	5	8	3				8								51	
3-Apr-12		4								8			3			1	5	2	3				6								32	
4-Apr-12		4								7			2			1	5	2	3				7								31	
5-Apr-12		6								7			4			2	5	2	3				9	7		7					52	
6-Apr-12		4								7			5			2	5	2	3				9	7		6					50	
7-Apr-12		4								8			5			1	6	2	3				10	8		7					54	
8-Apr-12																															-	
9-Apr-12																															-	
10-Apr-12																															-	
11-Apr-12																															-	
12-Apr-12																															-	
13-Apr-12																															-	
14-Apr-12		4														5	7	10	4				18	10							58	
15-Apr-12		4								11			6		4	7	9	3					17	10							71	
16-Apr-12		4								10			5		3	7	9	3					15	10							66	
17-Apr-12																															-	
18-Apr-12																															-	
19-Apr-12																															-	
20-Apr-12																															-	
21-Apr-12																															-	
22-Apr-12																															-	
23-Apr-12																															-	
24-Apr-12																															-	
25-Apr-12		29								36			6	13		29	32	7	4	6			13	18	2	8			13		216	
26-Apr-12		5								35			5	12		25	33	9	4	8			13	18		7			9		191	
27-Apr-12		6								38		12	6	12		28	25	8	5	7			12	12		7			11	7	18	214
28-Apr-12		5								38			5	11		26	36	8	6	7			16	17	2	8			11	8	18	222
29-Apr-12		5								38		12	5	11		27	36	10	5	7			14	17	4	8		2	11	6	19	237
30-Apr-12		5								35		13	5	11		26	35	9	4	8			11	17	2	7		4	5	9	18	224

Date	Well ID Number																				Daily Total (gpm)											
	1	2	3	5	7	22	23	24	25	27	28	29	30	31	32	33	34	35	37	38		39	40	41	42	43	45	46	47	48	49	
1-May-12		6		10						35		12	5	11		35	35	9	4	7		9	17	2	8		4	5	7	17	238	
2-May-12		5		10						32		13	5	11		27	38	10	4	6		11	17	1	8		4	6	7	17	232	
3-May-12																																-
4-May-12		6		10						34		12	4	11		28	31	9	4	6		12	17	4	8		4	6	7	16	229	
5-May-12		4		13						33		13	5	11		30	17	10	4	6		11	17	2	8		4	5	7	18	218	
7-May-12		5		10						23		10	4	7		23	14	7	3	5		9	12	2	9		3	3	6	17	172	
8-May-12		5								33		13	5	11		28	23	6	3	7		12	17	2	9		4	6	8	19	211	
9-May-12		6								27		12	5	11		28	23	10	4	7		11	18	5	9		4	5	8	17	210	
10-May-12																																-
11-May-12		5								40		13	5	7		25	22	10	3	6		12	18	3	9		5	6	8	18	215	
12-May-12		5								36		13	5	7		25	22	10	3	6		12	18	3	9		5	6	8	18	211	
13-May-12		6								38		12	5	7		27	25	10	4	6		11	17		14		4	5	8	16	215	
14-May-12		5								42		12	5	7		26	25	10	4	7		11	19		8		6	6	8	18	219	
15-May-12		6								42		12	5	10		24	28	10	3	6		11	17		7		4	6	7	18	216	
16-May-12																																-
17-May-12																																-
18-May-12		5								16		12	5	6		21	33	6	3	6		10	17		8		4	11	8	23	194	
19-May-12		5								8		8	3			9	9	5				9	5		5		4		8	4	82	
20-May-12		4								6		7	3			10	7	5				9	5		6		2		6	4	74	
21-May-12		5								7		8	4			9	8	3				10	5		5		3		6	3	76	
22-May-12		4								7		9	3			10	8	5		5		10	6		6		4		8	4	89	
23-May-12																																-
24-May-12		5								4		12	4			6	9	5		7		7	9		9		3		10	5	95	
25-May-12		4								7		9	3			6	8	5		6		5	6		6		4		9	5	83	
26-May-12		5								9		12				6	10	6		8		7	9		10		4		9	6	101	
27-May-12																																-
28-May-12		4								7		9	4			5	9	4		6		6	8		8		4		8	5	87	
29-May-12		5								7		9	3	6		5	10	5		7		6	7		7		4		9	5	95	
30-May-12																																-
31-May-12		4								7		10	3	6		5	9	5		8		5	6		6		3		22	5	104	

Date	Well ID Number																													Daily Total (gpm)					
	1	2	3	5	7	22	23	24	25	27	28	29	30	31	32	33	34	35	37	38	39	40	41	42	43	45	46	47	48		49				
1-Jun-12																																	-		
2-Jun-12		4										10	6	6		5	9	3		6		3	3		2		3		6	4		70			
3-Jun-12		4								5		10	2	5		5	8	5		7		4	3		7		4		8	5		82			
4-Jun-12		3								6		9	3	5		5	10	4		9		5	6		8		4		8	6		91			
5-Jun-12		4								1		8	3	4		3	5	5		7		5	6		8		4		7	6		76			
6-Jun-12																																	-		
7-Jun-12		4								1		8	3	4		3	5	5		7		5	6		8		7		7	6		79			
8-Jun-12		5								2		9	4	7		3	7	5		8		5	6		8		3		8	6		86			
9-Jun-12		5								4		10	3	9		3	6	5		8		6	7		9		4		10	7		96			
10-Jun-12		5								2		10	3	9		3	6	5		8		6	7		9		4		10	7		94			
11-Jun-12		5								2		10	3	12		3	7	5		2		7	8		11		5			8		88			
12-Jun-12																																	-		
13-Jun-12		13										3	4	5		4	6	3		11		13	8		9		8		4			91			
14-Jun-12		13										3	4	5		4	6	3		11		13	8		9		8		4			91			
15-Jun-12		12								7		8	3	5		4	6	4		16		13	8		9		9		5			109			
16-Jun-12																																		-	
17-Jun-12		14								7		3	5	5		5	6	4		18		14	8		9		8		5			111			
18-Jun-12		13								6	4	4	4	4		4	7	4		19		13	8		8		7		6			111			
19-Jun-12		14								7	4	2	4	4		4	7	5		20		14	8		8		6		5			112			
20-Jun-12		13								6	3	2	4	4		4	8	4		18		12	7		7		8		7			107			
21-Jun-12																																		-	
22-Jun-12																																		-	
23-Jun-12																																			-
24-Jun-12																																			-
25-Jun-12																																			-
26-Jun-12		15								3		0.5	5		6	16	14					4	12		21					22			118.5		
27-Jun-12		17								10		2		6		3	16	4				8	12		20				22				120		
28-Jun-12		15									2	0.5	5		2	17	3					6	11		17				23				101.5		
29-Jun-12		16								2		2	0.5	5		3	17	4				7	12		19				22				109.5		
30-Jun-12		17								4		2	0.5	5		5	6	2				6	13		20				24				104.5		

Date	Well ID Number																													Daily Total (gpm)	
	1	2	3	5	7	22	23	24	25	27	28	29	30	31	32	33	34	35	37	38	39	40	41	42	43	45	46	47	48		49
1-Jul-12		16								3		2	1	5		5	7	4				6	11		19					26	105
2-Jul-12		17								2		1	1	2		1	8	8				7	12		20					26	105
3-Jul-12		18								1		1	1	2		1	8	9				7	12		19					26	105
4-Jul-12		18								11		1	2	2		9	8	6				7	12		19					9	104
5-Jul-12		19								6		1	2	1		7	9	5				8	14		8					10	90
6-Jul-12		19								0		0	1	2		9	10	6				0.5	14		8					3	72.5
7-Jul-12		19								17		11	1	2		16	18	12		13		21	12		8			13	3	166	
8-Jul-12		20								14		11	2	2		16	9	12		12		18	13		7			11	3	150	
9-Jul-12		22								24		14	1	3		17	20	11		12	4	16	16		18			11	3	192	
10-Jul-12		21								39		11	1	2		15	22	10		12		15	14		13			9	3	187	
11-Jul-12		19								37		10	2	2		13	16	9		12		15	14		14			9	3	175	
12-Jul-12		19								38		10	2	2		14	16	8		13		15	15		15			10	3	180	
13-Jul-12		19								39		11	2	2		14	15	8		12		15	15		17			9	3	181	
14-Jul-12		22								42		11	2	3		14	15	5		11		15	14		14			10	3	181	
15-Jul-12		22								42		11	2	3		14	15	5		11		15	14		14			10	3	181	
16-Jul-12		20								40		11	2	3		14	15	6		12		15	14		15			9	4	180	
17-Jul-12		20								39		10	2	3		15	15	6		11		16	15		15			9	3	179	
18-Jul-12		21								41		9	2	3		5	15	6		11		15	18		15			9	3	173	
19-Jul-12		21								39		10	2	3		15	15	6		14		15	15		14			9	3	166	
20-Jul-12		19								40		10	2	4		16	15	6		11		15	15		14			9	3	179	
21-Jul-12																															0
22-Jul-12																															0
23-Jul-12		37								27		17	3	4		16	15	5		13		17	15		16			10	3	198	
24-Jul-12		20								35		16	2	3		16	15	5		13		14	14		13			10	3	179	
25-Jul-12		21								39		16	2	2		16	16	5		12		16	15		16			9	3	188	
26-Jul-12																															0
27-Jul-12		21								38		16	2	3		15	16	5		13		16	14		14			10	3	186	
28-Jul-12																															0
29-Jul-12																															0
30-Jul-12		19								39		15	2	3		16	15	8		12		0	15		15			9	3	171	
31-Jul-12		20								28		16	2	3		16	15	6		12			15		14			10	4	161	



Date	Well ID Number																												Daily Total (gpm)			
	1	2	3	5	7	22	23	24	25	27	28	29	30	31	32	33	34	35	37	38	39	40	41	42	43	45	46	47		48	49	
1-Aug-12		21								38		16	2	3		16	15	5		11			14	42	14	45	46	47	48	49	2	166
2-Aug-12		19								38		17	2	3		17	15	6		14			14		14			9		3	171	
3-Aug-12		20								38		15	2	2		17	16	6		13			15		15			9		3	171	
4-Aug-12																															0	
5-Aug-12		20								37		15	2	3		18	16	5		14			15		15			9		3	172	
6-Aug-12		21								38		16	2	3		17	16	6		12			15		14			9		13	182	
7-Aug-12		20								37		15	2	2		17	15	5		3			15		14			10		3	158	
8-Aug-12		20								37		15	2	3		16	15	5		13			15		15			9		3	168	
9-Aug-12		19								37		16	2	3		16	16	5		12			14		14			8		3	165	
10-Aug-12		19								37		16	2	3		16	16	5		12			14		14			8		3	165	
11-Aug-12		16								11			2	2		9	8	5					14		13					0.5	80.5	
12-Aug-12		17								10			2	2		8	8	5					13		13			0.5		0.5	79	
13-Aug-12		17								11			1	1		9	8	5					13		14			9		1	89	
14-Aug-12		17								11			1	0.5		9	8	5					13		14			9		0.5	88	
15-Aug-12		17								11			0.5	2		9	8	4					13		14			8		0.5	87	
16-Aug-12		16								11			0.5	2		9	8	4					13		15			7		0.5	86	
17-Aug-12		17								11			1	1		9	8	5					13		14			8		0.5	87.5	
18-Aug-12		17								12			1	2		9	8	4					14		13			8		0.5	88.5	
19-Aug-12		17								12			1	2		9	8	4					14		14			8		0.5	89.5	
20-Aug-12	Injection Well Field Offline - Intermittent Operations Only Through 9/11/2012																															