

MILL CREEK DOLOMITE, LLC.

P. O. Box 2668
Winnemucca, NV 89446
(775) 623-9117

9915 W. Amos Conley Road
Mill Creek, OK 74856
(580) 384-5271

2/27/2015

Kent Wilkens, Assistant Chief
Planning and Management Division
State of Oklahoma
Water Resources Board
3800 N. Classen Boulevard
Oklahoma City, OK 73118

Re: Consumptive Use of Pit Water, Annual Report 2014

Dear Mr. Wilkins;

As required under **Oklahoma Statue 82-1020.2 (E) (1) and Oklahoma Administrative Code 785:30-15**, Mill Creek Dolomite is respectively submitting the water report for the calendar year 2014.

If you have any questions or require additional information, please do not hesitate to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Bill Rogers".

Bill Rogers
General Manager
Mill Creek Dolomite, LLC

Attachments: Annual Report 2014

CONSUMPTIVE USE REPORT
2014 Annual Report
MILL CREEK DOLOMITE, LLC
MILL CREEK MINE & MILL

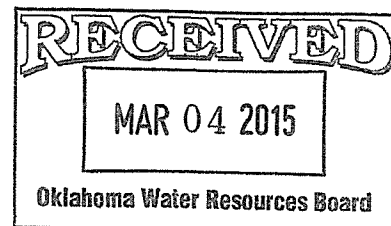


TABLE 1: Estimated Consumptive Use of Pit Water

PIT GROUNDWATER VOLUME		VALUES (Gal)
1	Total volume of water pumped from the producing mine pit (s)	64,863,000
2	Volume of precipitation that falls onto the surface of water in the producing mining pit(s)	453,346
3	Portion of total precipitation that flows over the land surface that drains into the mine pit water	0
4	Other non-pit waters pumped from the producing mine pit	0
5	Add lines 2 through 4	453,346
6	Pit Ground Water Volume (Line 1 minus Line 5)	64,409,654
DEFINED ELEMENTS OF CONSUMPTIVE USE		
7	Volume of pit groundwater that is driven off (by drying) the mined material transported off the mine site	1,079,711
8	Volume of pit groundwater that is carried away with the mined material transported off the mining site (shipped)	0
9	Volume of pit groundwater that evaporates from the producing mine pit, process water ponds, and lined ponds (Excluding structures used for augmentation)	2,587,879
10	Volume of pit water groundwater that is used for other beneficial uses off the mine site	550,184
11	Defined Elements of Consumptive Use of Pit Groundwater (Add Lines 7 through 10)	4,217,774
PIT GROUNDWATER BALANCE		
12	Line 6 minus Line 11	60,191,880
13	Groundwater Augmentation: Volume of pit groundwater returned to the groundwater basin or subbasin, pursuant to a Management Plan	
14	Stream Augmentation: Volume of pit groundwater discharged to a definite stream, during flow conditions that are less than or equal to 50% exceedance, pursuant to a Management Plan	
15	Precipitation & Run-off Volume of precipitation and surface run-off into a recharge pit or holding pond used for augmentation	
16	Recycled Pit Groundwater Volume of pit groundwater returned to a mine pit or holding basin (not included on lines 7 through 10)	
17	Other Non-Consumptive Losses Including pit groundwater returned to the land surface from which runoff flows into a mine pit and other losses (not included in lines 7 through 10)	
18	Add lines 13 through 17	0
19	Other Consumptive Use (adjusted) (Line 12 minus Line 18)	60,191,880
TOTAL REPORTED CONSUMPTIVE USE OF PIT WATER		
20	Total Net Reported Consumptive Use: (Line 11 plus Line 19)	64,409,654

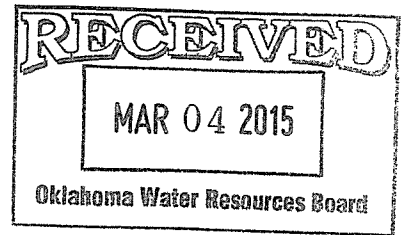
PIT WATER MONITORING DATA														
MILL CREEK DOLOMITE, LLC														
SUMP SURFACE AREA DATA:					12925	SUMP B (sq ft)		8307						
SUMP A (sq ft)					300	PUMP B (GPM)		200						
PUMP A (GPM)														
					PIT WATER PUMPED				PIT RAIN WATER					
DATE	WK	PU-19 QA		PU-18 QB		QA GPD	QB GPD	Grand Total	RAIN FALL	VOLUME QA	GALLONS QA	VOLUME QB	GALLONS QB	TOTAL GALLONS
12/30/13	0	1114.0	0.0	12274.0	7.0									
1/6/14	1	1342	228.0	12408	134.0	586286	229714	816000	0.0	0	0	0	0	0
1/13/14	2	1415	73.0	12454	46.0	187714	78857	266571	0.4	431	3223	277	2071	5295
1/20/14	3	1490	75.0	12456	2.0	192857	3429	196286	0.0	0	0	0	0	0
1/27/14	4	1570	80.0	12458	2.0	205714	3429	209143	0.0	0	0	0	0	0
Monthly Totals			456.0		184.0	9087429	2444571	11532000	0.4	431	3223	277	2071	5295
2/3/14	5	1660	90.0	12525	67.0	231429	114857	346286	0.45	485	3626	312	2330	5956
2/10/14	6	1723	63.0	12613	88.0	162000	150857	312857	0.65	700	5237	450	3366	8604
2/17/14	7	1751	28.0	12690	77.0	72000	132000	204000	0	0	0	0	0	0
2/24/14	8	1760	9.0	12715	25.0	23143	42857	66000	0.05	54	403	35	259	662
Monthly Totals			190.0		257.0	3420000	3084000	6504000	1.15	1239	9266	796	5956	15222
3/3/14	9	1772	12.0	12725	10.0	30857	17143	48000	0	0	0	0	0	0
3/10/14	10	1784	12.0	12781	56.0	30857	96000	126857	0	0	0	0	0	0
3/17/14	11	1821	37.0	12781	0.0	95143	0	95143	1.7	1831	13698	1177	8804	22502
3/24/14	12	1851	30.0	12891	110.0	77143	188571	265714	0	0	0	0	0	0
Monthly Totals			91.0		176.0	1813500	2338286	4151786	1.7	1831	13698	1177	8804	22502
1st QUARTER TOTALS			737.0		617.0	14320929	7866857	22187786	3.25	3500.52	26187.40	2249.81	16830.85	43018
3/31/14	13	1877	26.0	12891	0.0	66857	0	66857	0	0	0	0	0	0
4/7/14	14	1898	21.0	12918	27.0	54000	46286	100286	0.2	215	1612	138	1036	2647
4/14/14	15	1915	17.0	12918	0.0	43714	0	43714	0	0	0	0	0	0
4/21/14	16	1936	21.0	12918	0.0	54000	0	54000	0.6	646	4835	415	3107	7942
4/28/14	17	1970	34.0	12970	52.0	87429	89143	176571	0	0	0	0	0	0
Monthly Totals			119.0		79.0	2295000	1015714	3310714	0.8	862	6446	554	4143	10589
5/5/14	18	1976	6.0	12974	4.0	15429	6857	22286	0	0	0	0	0	0
5/12/14	19	1994	18.0	12974	0.0	46286	0	46286	1.6	1723	12892	1108	8286	21178
5/19/14	20	2020	26.0	12978	4.0	66857	6857	73714	0	0	0	0	0	0
5/26/14	21	2065	45.0	12986	8.0	115714	13714	129429	2.1	2262	16921	1454	10875	27796
Monthly Totals			95.0		16.0	1893214	212571	2105786	3.7	3985	29813	2561	19161	48975
6/2/14	22	2090	25.0	12986	0.0	64286	0	64286	4.0	4308	32231	2769	20715	52946
6/9/14	23	2121	31.0	12986	0.0	79714	0	79714	1.5	1616	12086	1038	7768	19855
6/16/14	24	2289	168.0	12986	0.0	432000	0	432000	2.0	2154	16115	1385	10357	26473

6/23/14	25	2368	79.0	13326	340.0	203143	582857	786000	1.0	1077	8058	692	5179	13236
Monthly Totals			303.0		340.0	5843571	4371429	10215000	8.5	9155	68490	5884	44019	112509
2nd QUARTER TOTALS			517.0		435.0	10031786	5599714	15631500	13.00	14002.08	104749.59	8999.25	67323.39	172073
6/30/14	26	2398	30.0	13353	27.0	77143	46286	123429	2.6	2800	20950	1800	13465	34415
7/7/14	27	2436	38.0	13353	0.0	97714	0	97714	0	0	0	0	0	0
7/14/14	28	2460	24.0	13362	9.0	61714	15429	77143	1.6	1723	12892	1108	8286	21178
7/21/14	29	2510	50.0	13454	92.0	128571	157714	286286	0	0	0	0	0	0
7/28/14	30	2570	60.0	13486	32.0	154286	54857	209143	1.1	1185	8863	761	5697	14560
Monthly Totals			202.0		160.0	4025571	2125714	6151286	5.3	5709	42706	3669	27447	70153
8/4/14	31	2590	20.0	13512	26.0	51429	44571	96000	0.3	323	2417	208	1554	3971
8/11/14	32	2612	22.0	13512	0.0	56571	0	56571	1.25	1346	10072	865	6473	16545
8/18/14	33	2646	34.0	13584	72.0	87429	123429	210857	0	0	0	0	0	0
8/25/14	34	2683	37.0	13584	0.0	95143	0	95143	0	0	0	0	0	0
Monthly Totals			113.0		98.0	2251929	1302000	3553929	1.55	1669	12489	1073	8027	20516
9/1/14	35	2683	0.0	13584	0.0	0	0	0	0	0	0	0	0	0
9/8/14	36	2700	17.0	13585	1.0	43714	1714	45429	0	0	0	0	0	0
9/15/14	37	2728	28.0	13585	0.0	72000	0	72000	1.80	1939	14504	1246	9322	23825
9/22/14	38	2760	32.0	13585	0.0	82286	0	82286	0	0	0	0	0	0
9/29/14	39	2804	44.0	13622	37.0	113143	63429	176571	0	0	0	0	0	0
Monthly Totals			121.0		38.0	2333571	488571	2822143	1.80	1939	14504	1246	9322	23825
3rd QUARTER TOTALS			436.0		296.0	8611071	3916286	12527357	8.7	9317	69699	5988	44796	114495
10/6/14	40	2862	58.0	636	0.0	149143	0	149143	0.5	539	4029	346	2589	6618
10/13/14	41	2950	88.0	728	92.0	226286	157714	384000	2.75	2962	22159	1904	14241	36400
10/20/14	42	3009	59.0	728	0.0	151714	0	151714	0	0	0	0	0	0
10/27/14	43	3056	47.0	728	0.0	120857	0	120857	0	0	0	0	0	0
Monthly Totals			252.0		92.0	5022000	1222286	6244286	3.25	3501	26187	2250	16831	43018
11/3/14	44	3078	22.0	728	0.0	56571	0	56571	0	0	0	0	0	0
11/10/14	45	3113	35.0	728	0.0	90000	0	90000	1.75	1885	14101	1211	9063	23164
11/17/14	46	3140	27.0	732	4.0	69429	6857	76286	0	0	0	0	0	0
11/30/14	47	3200	60.0	756	24.0	154286	41143	195429	2.5	2693	20144	1731	12947	33091
Monthly Totals			144.0		28.0	2777143	360000	3137143	4.25	4578	34245	2942	22010	56255
12/7/14	48	3255	55.0	928	172.0	141429	294857	436286	0.25	269	2014	173	1295	3309
12/14/14	49	3288	33.0	928	0.0	84857	0	84857	0.4	431	3223	277	2071	5295
12/21/14	50	3322	34.0	928	0.0	87429	0	87429	0.7	754	5640	485	3625	9265
12/28/14	51	3338	16.0	928	0.0	41143	0	41143	0.5	539	4029	346	2589	6618
12/30/14	52	3343	5.0	928	0.0	12857	0	12857	0	0	0	0	0	0
Monthly Totals			143.0		172.0	2849786	2285143	5134929	1.85	1993	14907	1281	9581	24487
4th QUARTER TOTALS			539.0		292.0	10648929	3867429	14516357	9.4	10071	75339	6473	48421	123760
2014 YEAR TOTALS			2229.0		1640.0	43612714	21250286	64863000	34.3	36890	275975	23710	177371	453346

QUARRY DEWATER & CREEK MAKE-UP WATER

DATE	WK	PU-19 QA 65HP		PU-18 QB 35HP		PU-04 Big		PU-03 Little		PU-21 AG-	
		Meter Reading	HRS. RAN	Meter Reading	HRS. RAN	Meter	Hrs. Ran	Meter	Hrs.	Meter	Hrs.
1/6/14	1	1342	228.0	12408	134.0	2782.0	0.0	1279.0	0.0	10910.0	0.0
1/13/14	2	1415	73.0	12454	46.0	2782.0	0.0	1279.0	0.0	10910.0	0.0
1/20/14	3	1490	75.0	12456	2.0	2794.0	12.0	1279.0	0.0	10910.0	0.0
1/27/14	4	1570	80.0	12458	2.0	2807.0	13.0	1279.0	0.0	10910.0	0.0
Month Total			456.0		184.0		25.0		0.0		0.0
2/3/14	5	1660	90.0	12525	67.0	2850.0	43.0	1279.0	0.0	10910.0	0.0
2/10/14	6	1723	63.0	12613	88.0	2872.0	22.0	1279.0	0.0	10910.0	0.0
2/17/14	7	1751	28.0	12690	77.0	2894.0	22.0	1279.0	0.0	10910.0	0.0
2/24/14	8	1760	9.0	12715	25.0	2935.0	41.0	1279.0	0.0	10910.0	0.0
Month Total			190.0		257.0		128.0		0.0		0.0
3/3/14	9	1772	12.0	12725	10.0	2945.0	10.0	1279.0	0.0	10910.0	0.0
3/10/14	10	1784	12.0	12781	56.0	2950.0	5.0	1279.0	0.0	10910.0	0.0
3/17/14	11	1821	37.0	12781	0.0	2960.0	10.0	1279.0	0.0	10910.0	0.0
3/24/14	12	1851	30.0	12891	110.0	2961.0	1.0	1279.0	0.0	10910.0	0.0
Month Total			91.0		176.0		26.0		0.0		0.0
4/1/14	13	1877	26.0	12891	0.0	2961.0	0.0	1279.0	0.0	10910.0	0.0
4/8/14	14	1898	21.0	12918	27.0	2968.0	7.0	1279.0	0.0	10910.0	0.0
4/15/14	15	1915	17.0	12918	0.0	2968.0	0.0	1279.0	0.0	10910.0	0.0
4/22/14	16	1936	21.0	12918	0.0	2976.0	8.0	1279.0	0.0	10910.0	0.0
4/30/14	17	1970	34.0	12970	52.0	2996.0	20.0	1279.0	0.0	10910.0	0.0
Month Total			119.0		79.0		35.0		0.0		0.0
5/5/14	18	1976	6.0	12974	4.0	3031.0	35.0	1279.0	0.0	10928.0	18.0

Quarry DeWater page 2



5/12/14	19	1994	18.0	0	0.0	3040.0	9.0	1279.0	0.0	10958.0	30.0
5/19/14	20	2020	26.0	4	4.0	3040.0	0.0	1279.0	0.0	10982.0	24.0
5/30/14	21	2065	45.0	8	8.0	3043.0	3.0	1279.0	0.0	10990.0	8.0
Month Total			95.0		16.0		47.0		0.0		80.0
6/2/14	22	2090	25.0	8	0.0	3043.0	0.0	1279.0	0.0	10998.0	8.0
6/9/14	23	2121	31.0	8	0.0	3043.0	0.0	1279.0	0.0	10998.0	0.0
6/16/14	24	2289	168.0	8	0.0	3043.0	0.0	1279.0	0.0	10998.0	0.0
6/30/14	25	2368	79.0	340	340.0	3043.0	0.0	1279.0	0.0	10998.0	0.0
Month Total			303.0		340.0		0.0		0.0		8.0
7/1/14	26	2398	30.0	367	27.0	3043.0	0.0	1279.0	0.0	10998.0	0.0
7/7/14	27	2436	38.0	367	0.0	3043.0	0.0	1279.0	0.0	10998.0	0.0
7/14/14	28	2460	24.0	376	9.0	3045.0	2.0	1279.0	0.0	10998.0	0.0
7/21/14	29	2510	50.0	468	92.0	3045.0	0.0	1279.0	0.0	10998.0	0.0
7/31/14	30	2570	60.0	500	32.0	3082.0	37.0	1279.0	0.0	10998.0	0.0
Month Total			202.0		160.0		39.0		0.0		0.0
8/4/14	31	2590	20.0	526	26.0	3082.0	0.0	1279.0	0.0	10998.0	0.0
8/11/14	32	2612	22.0	526	0.0	3082.0	0.0	1279.0	0.0	10998.0	0.0
8/18/14	33	2646	34.0	598	72.0	3115.0	33.0	1279.0	0.0	11027.0	29.0
8/31/14	34	2683	37.0	598	0.0	3115.0	0.0	1279.0	0.0	11027.0	0.0
Month Total			113.0		98.0		33.0		0.0		29.0
9/7/14	35	2700	17.0	599	1.0	3160.0	45.0	1279.0	0.0	11027.0	0.0
9/15/14	36	2728	28.0	599	0.0	3210.0	50.0	1279.0	0.0	11027.0	0.0
9/22/14	37	2760	32.0	599	0.0	3288.0	78.0	1279.0	0.0	11027.0	0.0
9/30/14	38	2804	44.0	636	37.0	3288.0	0.0	1279.0	0.0	11027.0	0.0
Month Total			121.0		38.0		173.0		0.0		0.0
10/7/14	39	2862	58.0	636	0.0	3288.0	0.0	1279.0	0.0	11027.0	0.0
10/14/14	40	2950	88.0	728	92.0	3288.0	0.0	1279.0	0.0	11027.0	0.0
10/20/14	41	3009	59.0	728	0.0	3300.0	12.0	1279.0	0.0	11027.0	0.0
10/27/14	42	3056	47.0	728	0.0	3325.0	25.0	1279.0	0.0	11027.0	0.0

Quarry Debit page 3

Month Total			252.0		92.0		37.0					
11/3/14	44	3078	22.0	728	0.0	3372.0	47.0	1279.0	0.0	11027.0	0.0	0.0
11/10/14	45	3113	35.0	728	0.0	3372.0	0.0	1279.0	0.0	11027.0	0.0	0.0
11/17/14	46	3140	27.0	732	4.0	3390.0	18.0	1279.0	0.0	11027.0	0.0	0.0
11/30/14	47	3200	60.0	756	24.0	3396.0	6.0	1279.0	0.0	11027.0	0.0	0.0
Month Total			144.0		28.0		71.0		0.0			0.0
12/7/14	48	3255	55.0	928	172.0	3406.0	10.0	1279.0	0.0	11027.0	0.0	0.0
12/14/14	49	3288	33.0	928	0.0	3418.0	12.0	1279.0	0.0	11027.0	0.0	0.0
12/21/14	50	3322	34.0	928	0.0	3418.0	0.0	1279.0	0.0	11027.0	0.0	0.0
12/28/14	51	3338	16.0	928	0.0	3418.0	0.0	1279.0	0.0	11027.0	0.0	0.0
12/30/14	52	3343	5.0	928	0.0	3418.0	0.0	1279.0	0.0	11027.0	0.0	0.0
Month Total			143.0		172.0		22.0	0.0	0.0			0.0
	YTD	TOTALS	2229.0		1640.0		636.0		0.0			117.0

	AMOUNT	COMMENTS	MONTH	YTD 2014	2013
JANUARY					
1-Jan					
2-Jan					
3-Jan					
4-Jan					
5-Jan					
6-Jan					
7-Jan					
8-Jan					
9-Jan					
10-Jan	0.4				
11-Jan					
12-Jan					
13-Jan					
14-Jan					
15-Jan					
16-Jan					
17-Jan					
18-Jan					
19-Jan					
20-Jan					
21-Jan					
22-Jan					
23-Jan					
24-Jan					
25-Jan					
26-Jan					
27-Jan					
28-Jan					
29-Jan					
30-Jan					
31-Jan					
			0.4	0.4	4.4

	AMOUNT	COMMENTS	MONTH	YTD 2014	2013
FEBUARY					
1-Feb					
2-Feb					
3-Feb		5" Snow			
4-Feb					
5-Feb					
6-Feb					
7-Feb		2" Snow			
8-Feb					
9-Feb					
10-Feb		freezing drizzle			
11-Feb					
12-Feb					
13-Feb					
14-Feb					
15-Feb					
16-Feb					
17-Feb					
18-Feb					
19-Feb					
20-Feb					
21-Feb					
22-Feb					
23-Feb					
24-Feb					
25-Feb					
26-Feb					
27-Feb					
28-Feb					
29-Feb					
			0	0.4	6.3

	AMOUNT	COMMENTS	MONTH	YTD 2014	2013
MARCH					
1-Mar					
2-Mar		1/2" ice			
3-Mar					
4-Mar					
5-Mar					
6-Mar					
7-Mar					
8-Mar					
9-Mar					
10-Mar					
11-Mar					
12-Mar					
13-Mar					
14-Mar					
15-Mar	1.7				
16-Mar					
17-Mar					
18-Mar					
19-Mar					
20-Mar					
21-Mar					
22-Mar					
23-Mar					
24-Mar					
25-Mar					
26-Mar					
27-Mar					
28-Mar					
29-Mar					
30-Mar					
31-Mar					
			1.7	2.1	12.5

	AMOUNT	COMMENTS	MONTH	YTD 2014	2013
APRIL					
1-Apr					
2-Apr					
3-Apr					
4-Apr					
5-Apr					
6-Apr					
7-Apr					
8-Apr					
9-Apr					
10-Apr					
11-Apr					
12-Apr					
13-Apr	0.2				
14-Apr					
15-Apr					
16-Apr					
17-Apr					
18-Apr					
19-Apr					
20-Apr					
21-Apr	0.6				
22-Apr					
23-Apr					
24-Apr					
25-Apr					
26-Apr					
27-Apr					
28-Apr					
29-Apr					
30-Apr					
			0.8	2.9	14.9

AMOUNT COMMENTS MONTH YTD 2014 2013

MAY		
1-May		
2-May		
3-May		
4-May		
5-May		
6-May		
7-May		
8-May		
9-May		
10-May		
11-May		
12-May	1.6	
13-May		
14-May		
15-May		
16-May		
17-May		
18-May		
19-May		
20-May		
21-May		
22-May		
23-May		
24-May		
25-May		
26-May		
27-May	2.1	
28-May		
29-May		
30-May		
31-May		

3.7 6.6 16.7
MONTH YTD 2014 2013

JUNE		
1-Jun		
2-Jun		
3-Jun		
4-Jun		
5-Jun		
6-Jun	1.5	
7-Jun		
8-Jun	2.5	
9-Jun	1.5	
10-Jun		
11-Jun		
12-Jun		
13-Jun		
14-Jun		
15-Jun		
16-Jun		
17-Jun		
18-Jun		
19-Jun	2	
20-Jun		
21-Jun		
22-Jun		
23-Jun	1	
24-Jun		
25-Jun		
26-Jun		
27-Jun		
28-Jun		
29-Jun		
30-Jun		

8.5 15.1 18.4

JULY	AMOUNT	COMMENTS	MONTH	YTD 2014	2013
1-Jul					
2-Jul	2.6				
3-Jul					
4-Jul					
5-Jul					
6-Jul					
7-Jul					
8-Jul					
9-Jul					
10-Jul					
11-Jul					
12-Jul					
13-Jul					
14-Jul					
15-Jul					
16-Jul					
17-Jul	1.6				
18-Jul					
19-Jul					
20-Jul					
21-Jul					
22-Jul					
23-Jul					
24-Jul					
25-Jul					
26-Jul					
27-Jul					
28-Jul					
29-Jul					
30-Jul	0.8				
31-Jul	0.3				
			5.3	20.4	19.1

AUGUST	AMOUNT	COMMENTS	MONTH	YTD 2014	2013
1-Aug					
2-Aug					
3-Aug					
4-Aug					
5-Aug					
6-Aug					
7-Aug	0.3				
8-Aug					
9-Aug					
10-Aug					
11-Aug	1.25				
12-Aug					
13-Aug					
14-Aug					
15-Aug					
16-Aug					
17-Aug					
18-Aug					
19-Aug					
20-Aug					
21-Aug					
22-Aug					
23-Aug					
24-Aug					
25-Aug					
26-Aug					
27-Aug					
28-Aug					
29-Aug					
30-Aug					
31-Aug					
			1.55	21.95	20.2

	AMOUNT	COMMENTS	MONTH	YTD 2014	2013
SEPTEMBER					
1-Sep					
2-Sep					
3-Sep					
4-Sep					
5-Sep					
6-Sep					
7-Sep					
8-Sep					
9-Sep					
10-Sep					
11-Sep					
12-Sep					
13-Sep					
14-Sep					
15-Sep					
16-Sep					
17-Sep					
18-Sep	1.3				
19-Sep					
20-Sep					
21-Sep	0.5				
22-Sep					
23-Sep					
24-Sep					
25-Sep					
26-Sep					
27-Sep					
28-Sep					
29-Sep					
30-Sep					

			1.8	23.75	21.5
	AMOUNT	COMMENTS	MONTH	YTD 2014	2013
OCTOBER					
1-Oct					
2-Oct					
3-Oct	0.5				
4-Oct					
5-Oct					
6-Oct					
7-Oct					
8-Oct					
9-Oct					
10-Oct	1				
11-Oct					
12-Oct					
13-Oct	1.75				
14-Oct					
15-Oct					
16-Oct					
17-Oct					
18-Oct					
19-Oct					
20-Oct					
21-Oct					
22-Oct					
23-Oct					
24-Oct					
25-Oct					
26-Oct					
27-Oct					
28-Oct					
29-Oct					
30-Oct					
31-Oct					
			3.25	27.0	24.1

	AMOUNT	COMMENTS	MONTH	YTD 2014	2013
NOVEMBER					
1-Nov					
2-Nov					
3-Nov					
4-Nov					
5-Nov	1.75				
6-Nov					
7-Nov					
8-Nov					
9-Nov					
10-Nov					
11-Nov					
12-Nov					
13-Nov					
14-Nov					
15-Nov					
16-Nov					
17-Nov					
18-Nov					
19-Nov					
20-Nov					
21-Nov					
22-Nov	2.5				
23-Nov					
24-Nov					
25-Nov					
26-Nov					
27-Nov					
28-Nov					
29-Nov					
30-Nov					
			4.25	31.3	24.8

	AMOUNT	COMMENTS	MONTH	YTD 2014	2013
DECEMBER					
1-Dec					
2-Dec					
3-Dec					
4-Dec					
5-Dec					
6-Dec	0.25				
7-Dec					
8-Dec					
9-Dec					
10-Dec					
11-Dec					
12-Dec	0.4				
13-Dec					
14-Dec					
15-Dec					
16-Dec					
17-Dec					
18-Dec	0.7				
19-Dec					
20-Dec					
21-Dec					
22-Dec	0.5				
23-Dec					
24-Dec					
25-Dec					
26-Dec					
27-Dec					
28-Dec					
29-Dec					
30-Dec					
31-Dec					
			1.85	33.1	26.25

MILL CREEK DOLOMITE, LLC

PIT WATER MONITORING DATA

SUMP DATA:

SUMP A: 12,925 Sq. Ft.

SUMP B: 8,307 Sq. Ft.

SETTLING POND DATA:

SETTLING POND A: 30,000 Sq. Ft. (F-02, MAP 3 – SSWMCP)

SETTLING POND B: 35,000 Sq. Ft. (F-01, MAP 3 – SSWMCP)

PRODUCTION DATA:

Tons mined and shipped to the plant at 2.5% moisture:

<u>MONTH</u>	<u>TONS</u>	<u>MOISTURE %</u>
January	18,403	2.0
February	16,046	2.5
March	19,803	2.5
April	14,893	2.0
May	18,634	2.5
June	15,176	2.5
July	13,944	2.5
August	13,020	2.5
September	11,960	2.0
October	21,280	2.5
November	14,063	2.5
<u>December</u>	<u>13,818</u>	<u>2.0</u>
Total	191,040	

PRODUCTION DATA:

Calculations for gallons of water shipped to the Plant:

January 18,403 x .020 = 368.1 tons or 736,200 lbs

February 16,046 x .025 = 401.2 tons or 802,400 lbs

March 19,803 x .025 = 495.1 tons or 990,200 lbs

April 14,893 x .020 = 297.9 tons or 595,800 lbs

May 18,634 x .025 = 465.8 tons or 931,600 lbs

June 15,176 x .025 = 379.4 tons or 758,800 lbs

July 13,944 x .025 = 348.6 tons or 697,200 lbs

August 13,020 x .025 = 325.5 tons or 651,000 lbs

September 11,960 x .020 = 239.2 tons or 478,400 lbs

October 21,280 x .025 = 532 tons or 1,064,000 lbs

November 14,063 x .025 = 351.6 tons or 703,200 lbs

December 13,818 x .020 = 276.4 tons or 552,800 lbs

Total lbs. = 8,961,600 lbs

Gallons = 8,961,600 lbs x 1 gal/8.3 lbs = 1,079,711 gallons of water

Misc. Water Data:**List of Equivalents:****Volume Units**

One Gallon

= 231 cubic inches

= 0.13368 cubic foot weighs approximately 8.3 pounds

One Cubic Foot

= 1,728 cubic inches

= 7.481 gallons (7.5 for ordinary calculations) weighs 62.4 pounds (62.5 for ordinary calculations)

MILL CREEK DOLOMITE 2014 TONS

Month	Blasted Tons	Broken Boulders Recovered	Tons Hauled From Pit	Tons Crushed	North Pit Processed Tons	South Pit Processed Tons	Ball Mill Tons	Total Tons Shipped
January	34,475		18,403	15,314	12,657	10,512	4,105	16,070
February	39,939		16,046	20,068	16,142	13,200	7,426	17,414
March	0		19,803	16,233	14,580	10,487	1,929	14,269
April	20,914		14,893	16,260	14,382	11,084	2,278	14,290
May	14,950		18,634	15,481	12,630	9,603	995	12,360
June	23,156		15,176	16,688	16,383	11,464	538	16,477
July	0		13,944	12,780	13,038	9,795	244	14,416
August	43,338		13,020	21,344	15,749	12,820	1,257	15,379
September	0		11,960	14,953	12,477	9,840	717	18,053
October	22,027		21,280	21,344	15,749	12,820	1,257	15,379
November	0		14,063	14,953	12,477	9,840	717	18,053
December	13,000		13,818	14,070	13,669	10,767	166	14,974
Totals	211,799	0	191,040	199,488	169,933	132,232	21,629	187,135
1st quarter	74,414	0	54,252	51,615	43,379	34,199	13,460	47,753
2nd quarter	59,020	0	48,703	48,429	43,395	32,151	3,811	43,127
3rd quarter	43,338	0	38,924	49,077	41,264	32,455	2,218	47,848
4th quarter	35,027	0	49,161	50,367	41,895	33,427	2,140	48,406

PIT WATER MONITORING DATA

MILL CREEK DOLOMITE, LLC

EVAPORATION

January, 2014											
Date	Pan Evaporation (in)	Corrected Evaporation Rate (in)	Sump A Evaporation Volume (cu ft)	Sump A Evaporation (Gallons)	Sump B Evaporation Volume (cu ft)	Sump B Evaporation (Gallons)	Settling A Evaporation Volume (cu ft)	Settling A Evaporation (Gallons)	Settling B Evaporation Volume (cu ft)	Settling B Evaporation (Gallons)	Total Evaporation (Gallons)
1/1/2014	0.14	0.098	105.55	789.65	67.84	507.51	245.00	1832.85	285.83	2138.32	5268.33
1/2/2014	0.07	0.049	52.78	394.83	33.92	253.76	122.50	916.42	142.92	1069.16	2634.16
1/3/2014	0.09	0.063	67.86	507.63	43.61	326.26	157.50	1178.26	183.75	1374.63	3386.78
1/4/2014	0.15	0.105	113.09	846.05	72.69	543.77	262.50	1963.76	306.25	2291.06	5644.64
1/5/2014	0.08	0.056	60.32	451.23	38.77	290.01	140.00	1047.34	163.33	1221.90	3010.47
1/6/2014	0.05	0.035	37.70	282.02	24.23	181.26	87.50	654.59	102.08	763.69	1881.55
1/7/2014	0.09	0.063	67.86	507.63	43.61	326.26	157.50	1178.26	183.75	1374.63	3386.78
1/8/2014	0.03	0.021	22.62	169.21	14.54	108.75	52.50	392.75	61.25	458.21	1128.93
1/9/2014	0.02	0.014	15.08	112.81	9.69	72.50	35.00	261.84	40.83	305.47	752.62
1/10/2014	0.07	0.049	52.78	394.83	33.92	253.76	122.50	916.42	142.92	1069.16	2634.16
1/11/2014	0.12	0.084	90.48	676.84	58.15	435.01	210.00	1571.01	245.00	1832.85	4515.71
1/12/2014	0.21	0.147	158.33	1184.48	101.76	761.27	367.50	2749.27	428.75	3207.48	7902.49
1/13/2014	0.13	0.091	98.01	733.25	62.99	471.26	227.50	1701.93	265.42	1985.58	4892.02
1/14/2014	0.14	0.098	105.55	789.65	67.84	507.51	245.00	1832.85	285.83	2138.32	5268.33
1/15/2014	0.09	0.063	67.86	507.63	43.61	326.26	157.50	1178.26	183.75	1374.63	3386.78
1/16/2014	0.19	0.133	143.25	1071.67	92.07	688.77	332.50	2487.43	387.92	2902.00	7149.88
1/17/2014	0.13	0.091	98.01	733.25	62.99	471.26	227.50	1701.93	265.42	1985.58	4892.02
1/18/2014	0.17	0.119	128.17	958.86	82.38	616.27	297.50	2225.60	347.08	2596.53	6397.26
1/19/2014	0.14	0.098	105.55	789.65	67.84	507.51	245.00	1832.85	285.83	2138.32	5268.33
1/20/2014	0.17	0.119	128.17	958.86	82.38	616.27	297.50	2225.60	347.08	2596.53	6397.26
1/21/2014	0.12	0.084	90.48	676.84	58.15	435.01	210.00	1571.01	245.00	1832.85	4515.71
1/22/2014	0.11	0.077	82.94	620.44	53.30	398.76	192.50	1440.09	224.58	1680.11	4139.40
1/23/2014	0.13	0.091	98.01	733.25	62.99	471.26	227.50	1701.93	265.42	1985.58	4892.02
1/24/2014	0.09	0.063	67.86	507.63	43.61	326.26	157.50	1178.26	183.75	1374.63	3386.78
1/25/2014	0.14	0.098	105.55	789.65	67.84	507.51	245.00	1832.85	285.83	2138.32	5268.33
1/26/2014	0.12	0.084	90.48	676.84	58.15	435.01	210.00	1571.01	245.00	1832.85	4515.71
1/27/2014	0.30	0.21	226.19	1692.11	145.37	1087.53	525.00	3927.53	612.50	4582.11	11289.28
1/28/2014	0.08	0.056	60.32	451.23	38.77	290.01	140.00	1047.34	163.33	1221.90	3010.47
1/29/2014	0.09	0.063	67.86	507.63	43.61	326.26	157.50	1178.26	183.75	1374.63	3386.78
1/30/2014	0.16	0.112	120.63	902.46	77.53	580.02	280.00	2094.68	326.67	2443.79	6020.95
1/31/2014	0.12	0.084	90.48	676.84	58.15	435.01	210.00	1571.01	245.00	1832.85	4515.71
Monthly Totals			2819.80	21094.95	1812.31	13557.89	6545.00	48963.15	7635.83	57123.67	140739.66

MILL CREEK DOLOMITE, LLC

Sump B (sq ft) 8,307

Settling A (sq ft)

30,000

35,000

35,000

February, 2014									
	Pan	Corrected							
	Evaporation	Evaporation Rate							
	(in)	(in)							
Date			Sump A	Sump A	Sump B	Sump B	Settling A	Settling B	Total
			Evaporation	Evaporation	Evaporation	Evaporation	Evaporation	Evaporation	Evaporation
			Volume (cu ft)	(Gallons)	Volume (cu ft)	(Gallons)	Volume (cu ft)	(Gallons)	(Gallons)
2/1/2014	0.04	0.028	30.16	225.61	19.38	145.00	523.67	81.67	1505.24
2/2/2014	0.03	0.021	22.62	169.21	14.54	108.75	392.75	61.25	1128.93
2/3/2014	0.04	0.028	30.16	225.61	19.38	145.00	523.67	81.67	1505.24
2/4/2014	0.02	0.014	15.08	112.81	9.69	72.50	261.84	40.83	752.62
2/5/2014	0.07	0.049	52.78	394.83	33.92	253.76	916.42	142.92	2634.16
2/6/2014	0.04	0.028	30.16	225.61	19.38	145.00	523.67	81.67	1505.24
2/7/2014	0.03	0.021	22.62	169.21	14.54	108.75	392.75	61.25	1128.93
2/8/2014	0.02	0.014	15.08	112.81	9.69	72.50	261.84	40.83	752.62
2/9/2014	0.02	0.014	15.08	112.81	9.69	72.50	261.84	40.83	752.62
2/10/2014	0.03	0.021	22.62	169.21	14.54	108.75	392.75	61.25	1128.93
2/11/2014	0.04	0.028	30.16	225.61	19.38	145.00	523.67	81.67	1505.24
2/12/2014	0.08	0.056	60.32	451.23	38.77	290.01	1047.34	163.33	3010.47
2/13/2014	0.10	0.070	75.40	564.04	48.46	362.51	1309.18	204.17	3763.09
2/14/2014	0.18	0.126	135.71	1015.27	87.22	652.52	2356.52	367.50	6773.57
2/15/2014	0.14	0.098	105.55	789.65	67.84	507.51	1832.85	285.83	5268.33
2/16/2014	0.14	0.098	105.55	789.65	67.84	507.51	1832.85	285.83	5268.33
2/17/2014	0.19	0.133	143.25	1071.67	92.07	688.77	2487.43	387.92	7149.88
2/18/2014	0.19	0.133	143.25	1071.67	92.07	688.77	2487.43	387.92	7149.88
2/19/2014	0.07	0.049	52.78	394.83	33.92	253.76	916.42	142.92	2634.16
2/20/2014	0.21	0.147	158.33	1184.48	101.76	761.27	2749.27	428.75	7902.49
2/21/2014	0.19	0.133	143.25	1071.67	92.07	688.77	2487.43	387.92	7149.88
2/22/2014	0.20	0.14	150.79	1128.07	96.92	725.02	350.00	408.33	7526.19
2/23/2014	0.12	0.084	90.48	676.84	58.15	435.01	1571.01	245.00	4515.71
2/24/2014	0.06	0.042	45.24	338.42	29.07	217.51	785.51	122.50	2257.86
2/25/2014	0.12	0.084	90.48	676.84	58.15	435.01	1571.01	245.00	4515.71
2/26/2014	0.12	0.084	90.48	676.84	58.15	435.01	1571.01	245.00	4515.71
2/27/2014	0.12	0.084	90.48	676.84	58.15	435.01	1571.01	245.00	4515.71
2/28/2014	0.20	0.14	150.79	1128.07	96.92	725.02	350.00	408.33	7526.19
Monthly Totals			2118.62	15849.42	1361.66	10186.55	4917.50	5737.08	105742.90

PIT WATER MONITORING DATA

MILL CREEK DOLOMITE, LLC

EVAPORATION

March, 2014											
Date	Pan Evaporation (in)	Corrected Evaporation Rate (in)	Sump A Evaporation Volume (cu ft)	Sump A Evaporation (Gallons)	Sump B Evaporation Volume (cu ft)	Sump B Evaporation (Gallons)	Settling A Evaporation Volume (cu ft)	Settling A Evaporation (Gallons)	Settling B Evaporation Volume (cu ft)	Settling B Evaporation (Gallons)	Total Evaporation (Gallons)
1/1/2014	0.05	0.035	37.70	282.02	24.23	181.26	87.50	654.59	102.08	763.69	1881.55
1/2/2014	0.06	0.042	45.24	338.42	29.07	217.51	105.00	785.51	122.50	916.42	2257.86
1/3/2014	0.06	0.042	45.24	338.42	29.07	217.51	105.00	785.51	122.50	916.42	2257.86
1/4/2014	0.09	0.063	67.86	507.63	43.61	326.26	157.50	1178.26	183.75	1374.63	3386.78
1/5/2014	0.10	0.07	75.40	564.04	48.46	362.51	175.00	1309.18	204.17	1527.37	3763.09
1/6/2014	0.09	0.063	67.86	507.63	43.61	326.26	157.50	1178.26	183.75	1374.63	3386.78
1/7/2014	0.17	0.119	128.17	958.86	82.38	616.27	297.50	2225.60	347.08	2596.53	6397.26
1/8/2014	0.06	0.042	45.24	338.42	29.07	217.51	105.00	785.51	122.50	916.42	2257.86
1/9/2014	0.13	0.091	98.01	733.25	62.99	471.26	227.50	1701.93	265.42	1985.58	4892.02
1/10/2014	0.22	0.154	165.87	1240.88	106.61	797.52	385.00	2880.19	449.17	3360.22	8278.80
1/11/2014	0.33	0.231	248.81	1861.32	159.91	1196.28	577.50	4320.28	673.75	5040.32	12418.21
1/12/2014	0.29	0.203	218.65	1635.71	140.53	1051.28	507.50	3796.61	592.08	4429.38	10912.97
1/13/2014	0.23	0.161	173.41	1297.28	111.45	833.77	402.50	3011.10	469.58	3512.95	8655.11
1/14/2014	0.20	0.14	150.79	1128.07	96.92	725.02	350.00	2618.35	408.33	3054.74	7526.19
1/15/2014	0.08	0.056	60.32	451.23	38.77	290.01	140.00	1047.34	163.33	1221.90	3010.47
1/16/2014	0.12	0.084	90.48	676.84	58.15	435.01	210.00	1571.01	245.00	1832.85	4515.71
1/17/2014	0.16	0.112	120.63	902.46	77.53	580.02	280.00	2094.68	326.67	2443.79	6020.95
1/18/2014	0.48	0.336	361.90	2707.37	232.60	1740.05	840.00	6284.04	980.00	7331.38	18062.84
1/19/2014	0.20	0.14	150.79	1128.07	96.92	725.02	350.00	2618.35	408.33	3054.74	7526.19
1/20/2014	0.21	0.147	158.33	1184.48	101.76	761.27	367.50	2749.27	428.75	3207.48	7902.49
1/21/2014	0.26	0.182	196.03	1466.49	125.99	942.53	455.00	3403.86	530.83	3971.16	9784.04
1/22/2014	0.25	0.175	188.49	1410.09	121.14	906.28	437.50	3272.94	510.42	3818.43	9407.73
1/23/2014	0.23	0.161	173.41	1297.28	111.45	833.77	402.50	3011.10	469.58	3512.95	8655.11
1/24/2014	0.19	0.133	143.25	1071.67	92.07	688.77	332.50	2487.43	387.92	2902.00	7149.88
1/25/2014	0.18	0.126	135.71	1015.27	87.22	652.52	315.00	2356.52	367.50	2749.27	6773.57
1/26/2014	0.10	0.07	75.40	564.04	48.46	362.51	175.00	1309.18	204.17	1527.37	3763.09
1/27/2014	0.28	0.196	211.11	1579.30	135.68	1015.03	490.00	3665.69	571.67	4276.64	10536.66
1/28/2014	0.17	0.119	128.17	958.86	82.38	616.27	297.50	2225.60	347.08	2596.53	6397.26
1/29/2014	0.23	0.161	173.41	1297.28	111.45	833.77	402.50	3011.10	469.58	3512.95	8655.11
1/30/2014	0.32	0.224	241.27	1804.92	155.06	1160.03	560.00	4189.36	653.33	4887.59	12041.90
1/31/2014	0.24	0.168	180.95	1353.69	116.30	870.03	420.00	3142.02	490.00	3665.69	9031.42
Monthly Totals			4357.88	32601.29	2800.84	20953.11	10115.00	75670.32	11800.83	88282.03	217506.75
Quarterly Total			9296	69546	5975	44698	21578	161421	25174	188325	463989

PIT WATER MONITORING DATA

MILL CREEK DOLOMITE, LLC

EVAPORATION

April, 2014											
Date	Pan Evaporation (in)	Corrected Evaporation Rate (in)	Sump A Evaporation Volume (cu ft)	Sump A Evaporation (Gallons)	Sump B Evaporation Volume (cu ft)	Sump B Evaporation (Gallons)	Settling A Evaporation Volume (cu ft)	Settling A Evaporation (Gallons)	Settling B Evaporation Volume (cu ft)	Settling B Evaporation (Gallons)	Total Evaporation (Gallons)
4/1/2014	0.17	0.119	128.17	958.86	82.38	616.27	297.50	2225.60	347.08	2596.53	6397.26
4/2/2014	0.21	0.147	158.33	1184.48	101.76	761.27	367.50	2749.27	428.75	3207.48	7902.49
4/3/2014	0.22	0.154	165.87	1240.88	106.61	797.52	385.00	2880.19	449.17	3360.22	8278.80
4/4/2014	0.27	0.189	203.57	1522.90	130.84	978.78	472.50	3534.77	551.25	4123.90	10160.35
4/5/2014	0.12	0.084	90.48	676.84	58.15	435.01	210.00	1571.01	245.00	1832.85	4515.71
4/6/2014	0.04	0.028	30.16	225.61	19.38	145.00	70.00	523.67	81.67	610.95	1505.24
4/7/2014	0.14	0.098	105.55	789.65	67.84	507.51	245.00	1832.85	285.83	2138.32	5268.33
4/8/2014	0.31	0.217	233.73	1748.51	150.22	1123.78	542.50	4058.44	632.92	4734.85	11665.59
4/9/2014	0.28	0.196	211.11	1579.30	135.68	1015.03	490.00	3665.69	571.67	4276.64	10536.66
4/10/2014	0.38	0.266	286.50	2143.34	184.14	1377.54	665.00	4974.87	775.83	5804.01	14299.75
4/11/2014	0.20	0.140	150.79	1128.07	96.92	725.02	350.00	2618.35	408.33	3054.74	7526.19
4/12/2014	0.28	0.196	211.11	1579.30	135.68	1015.03	490.00	3665.69	571.67	4276.64	10536.66
4/13/2014	0.20	0.140	150.79	1128.07	96.92	725.02	350.00	2618.35	408.33	3054.74	7526.19
4/14/2014	0.15	0.105	113.09	846.05	72.69	543.77	262.50	1963.76	306.25	2291.06	5644.64
4/15/2014	0.21	0.147	158.33	1184.48	101.76	761.27	367.50	2749.27	428.75	3207.48	7902.49
4/16/2014	0.29	0.203	218.65	1635.71	140.53	1051.28	507.50	3796.61	592.08	4429.38	10912.97
4/17/2014	0.11	0.077	82.94	620.44	53.30	398.76	192.50	1440.09	224.58	1680.11	4139.40
4/18/2014	0.22	0.154	165.87	1240.88	106.61	797.52	385.00	2880.19	449.17	3360.22	8278.80
4/19/2014	0.22	0.154	165.87	1240.88	106.61	797.52	385.00	2880.19	449.17	3360.22	8278.80
4/20/2014	0.15	0.105	113.09	846.05	72.69	543.77	262.50	1963.76	306.25	2291.06	5644.64
4/21/2014	0.13	0.091	98.01	733.25	62.99	471.26	227.50	1701.93	265.42	1985.58	4892.02
4/22/2014	0.25	0.175	188.49	1410.09	121.14	906.28	437.50	3272.94	510.42	3818.43	9407.73
4/23/2014	0.27	0.189	203.57	1522.90	130.84	978.78	472.50	3534.77	551.25	4123.90	10160.35
4/24/2014	0.26	0.182	196.03	1466.49	125.99	942.53	455.00	3403.86	530.83	3971.16	9784.04
4/25/2014	0.29	0.203	218.65	1635.71	140.53	1051.28	507.50	3796.61	592.08	4429.38	10912.97
4/26/2014	0.34	0.238	256.35	1917.72	164.76	1232.54	595.00	4451.20	694.17	5193.06	12794.51
4/27/2014	0.37	0.259	278.96	2086.93	179.29	1341.29	647.50	4843.95	755.42	5651.27	13923.44
4/28/2014	0.31	0.217	233.73	1748.51	150.22	1123.78	542.50	4058.44	632.92	4734.85	11665.59
4/29/2014	0.27	0.189	203.57	1522.90	130.84	978.78	472.50	3534.77	551.25	4123.90	10160.35
4/30/2014	0.24	0.168	180.95	1353.69	116.30	870.03	420.00	3142.02	490.00	3665.69	9031.42
Monthly Totals			5202.31	38918.50	3343.57	25013.23	12075.00	90333.08	14087.50	105388.59	259653.39

PIT WATER MONITORING DATA

MILL CREEK DOLOMITE, LLC

EVAPORATION

Sump A (sq ft) 12,925 Sump B (sq ft) 8,307
 Settling A (sq ft) 30,000 Settling B (sq ft) 35,000

May, 2014											
Pan	Corrected										
Evaporation	Evaporation Rate	Sump A	Sump A	Sump B	Sump B	Sump B	Settling A	Settling A	Settling B	Settling B	Total
(in)	(in)	Evaporation	Evaporation	Evaporation	Evaporation	Evaporation	Evaporation	Evaporation	Evaporation	Evaporation	Evaporation
(in)	(in)	Volume (cu ft)	(Gallons)	Volume (cu ft)	(Gallons)	Volume (cu ft)	Volume (cu ft)	(Gallons)	Volume (cu ft)	(Gallons)	(Gallons)
5/1/2014	0.24	180.95	1353.69	116.30	870.03	420.00	3142.02	490.00	3665.69	9031.42	
5/2/2014	0.24	180.95	1353.69	116.30	870.03	420.00	3142.02	490.00	3665.69	9031.42	
5/3/2014	0.30	226.19	1692.11	145.37	1087.53	525.00	3927.53	612.50	4582.11	11289.28	
5/4/2014	0.46	346.82	2594.57	222.90	1667.55	805.00	6022.21	939.17	7025.91	17310.23	
5/5/2014	0.49	369.44	2763.78	237.44	1776.30	857.50	6414.96	1000.42	7484.12	18439.15	
5/6/2014	0.39	294.04	2199.74	188.98	1413.79	682.50	5105.78	796.25	5956.75	14676.06	
5/7/2014	0.30	226.19	1692.11	145.37	1087.53	525.00	3927.53	612.50	4582.11	11289.28	
5/8/2014	0.10	75.40	564.04	48.46	362.51	175.00	1309.18	204.17	1527.37	3763.09	
5/9/2014	0.29	218.65	1635.71	140.53	1051.28	507.50	3796.61	592.08	4429.38	10912.97	
5/10/2014	0.32	241.27	1804.92	155.06	1160.03	560.00	4189.36	653.33	4887.59	12041.90	
5/11/2014	0.31	233.73	1748.51	150.22	1123.78	542.50	4058.44	632.92	4734.85	11665.59	
5/12/2014	0.19	143.25	1071.67	92.07	688.77	332.50	2487.43	387.92	2902.00	7149.88	
5/13/2014	0.24	180.95	1353.69	116.30	870.03	420.00	3142.02	490.00	3665.69	9031.42	
5/14/2014	0.21	158.33	1184.48	101.76	761.27	367.50	2749.27	428.75	3207.48	7902.49	
5/15/2014	0.23	173.41	1297.28	111.45	833.77	402.50	3011.10	469.58	3512.95	8655.11	
5/16/2014	0.24	180.95	1353.69	116.30	870.03	420.00	3142.02	490.00	3665.69	9031.42	
5/17/2014	0.22	165.87	1240.88	106.61	797.52	385.00	2880.19	449.17	3360.22	8278.80	
5/18/2014	0.22	165.87	1240.88	106.61	797.52	385.00	2880.19	449.17	3360.22	8278.80	
5/19/2014	0.36	271.43	2030.53	174.45	1305.04	630.00	4713.03	735.00	5498.54	13547.13	
5/20/2014	0.41	309.12	2312.55	198.68	1486.29	717.50	5367.62	837.08	6262.22	15428.68	
5/21/2014	0.34	256.35	1917.72	164.76	1232.54	595.00	4451.20	694.17	5193.06	12794.51	
5/22/2014	0.30	226.19	1692.11	145.37	1087.53	525.00	3927.53	612.50	4582.11	11289.28	
5/23/2014	0.22	165.87	1240.88	106.61	797.52	385.00	2880.19	449.17	3360.22	8278.80	
5/24/2014	0.22	165.87	1240.88	106.61	797.52	385.00	2880.19	449.17	3360.22	8278.80	
5/25/2014	0.25	188.49	1410.09	121.14	906.28	437.50	3272.94	510.42	3818.43	9407.73	
5/26/2014	0.17	128.17	958.86	82.38	616.27	297.50	2225.60	347.08	2596.53	6397.26	
5/27/2014	0.12	90.48	676.84	58.15	435.01	210.00	1571.01	245.00	1832.85	4515.71	
5/28/2014	0.19	143.25	1071.67	92.07	688.77	332.50	2487.43	387.92	2902.00	7149.88	
5/29/2014	0.28	211.11	1579.30	135.68	1015.03	490.00	3665.69	571.67	4276.64	10536.66	
5/30/2014	0.18	135.71	1015.27	87.22	652.52	315.00	2356.52	367.50	2749.27	6773.57	
5/31/2014	0.20	150.79	1128.07	96.92	725.02	350.00	2618.35	408.33	3054.74	7526.19	
Monthly Totals		6054.29	45292.11	3891.14	29109.60	14052.50	105126.75	16394.58	122647.88	302176.34	

PIT WATER MONITORING DATA
MILL CREEK DOLOMITE, LLC
EVAPORATION

Sump A (sq ft) 12,925 Sump B (sq ft) 8,307
Settling A (sq ft) 30,000 Settling B (sq ft) 35,000

June, 2014											
Pan Evaporation (in)	Corrected Evaporation Rate (in)	Sump A Evaporation Volume (cu ft)	Sump A Evaporation (Gallons)	Sump B Evaporation Volume (cu ft)	Sump B Evaporation (Gallons)	Settling A Evaporation Volume (cu ft)	Settling A Evaporation (Gallons)	Settling B Evaporation Volume (cu ft)	Settling B Evaporation (Gallons)	Total Evaporation (Gallons)	
6/1/2014	0.27	203.57	1522.90	130.84	978.78	472.50	3534.77	551.25	4123.90	10160.35	
6/2/2014	0.32	241.27	1804.92	155.06	1160.03	560.00	4189.36	653.33	4887.59	12041.90	
6/3/2014	0.35	263.89	1974.13	169.60	1268.79	612.50	4582.11	714.58	5345.80	13170.82	
6/4/2014	0.39	294.04	2199.74	188.98	1413.79	682.50	5105.78	796.25	5956.75	14676.06	
6/5/2014	0.31	233.73	1748.51	150.22	1123.78	542.50	4058.44	632.92	4734.85	11665.59	
6/6/2014	0.17	128.17	958.86	82.38	616.27	297.50	2225.60	347.08	2596.53	6397.26	
6/7/2014	0.31	233.73	1748.51	150.22	1123.78	542.50	4058.44	632.92	4734.85	11665.59	
6/8/2014	0.19	143.25	1071.67	92.07	688.77	332.50	2487.43	387.92	2902.00	7149.88	
6/9/2014	0.23	173.41	1297.28	111.45	833.77	402.50	3011.10	469.58	3512.95	8655.11	
6/10/2014	0.28	211.11	1579.30	135.68	1015.03	490.00	3665.69	571.67	4276.64	10536.66	
6/11/2014	0.30	226.19	1692.11	145.37	1087.53	525.00	3927.53	612.50	4582.11	11289.28	
6/12/2014	0.20	150.79	1128.07	96.92	725.02	350.00	2618.35	408.33	3054.74	7526.19	
6/13/2014	0.30	226.19	1692.11	145.37	1087.53	525.00	3927.53	612.50	4582.11	11289.28	
6/14/2014	0.31	233.73	1748.51	150.22	1123.78	542.50	4058.44	632.92	4734.85	11665.59	
6/15/2014	0.35	263.89	1974.13	169.60	1268.79	612.50	4582.11	714.58	5345.80	13170.82	
6/16/2014	0.38	286.50	2143.34	184.14	1377.54	665.00	4974.87	775.83	5804.01	14299.75	
6/17/2014	0.39	294.04	2199.74	188.98	1413.79	682.50	5105.78	796.25	5956.75	14676.06	
6/18/2014	0.34	256.35	1917.72	164.76	1232.54	595.00	4451.20	694.17	5193.06	12794.51	
6/19/2014	0.19	143.25	1071.67	92.07	688.77	332.50	2487.43	387.92	2902.00	7149.88	
6/20/2014	0.23	173.41	1297.28	111.45	833.77	402.50	3011.10	469.58	3512.95	8655.11	
6/21/2014	0.23	173.41	1297.28	111.45	833.77	402.50	3011.10	469.58	3512.95	8655.11	
6/22/2014	0.28	211.11	1579.30	135.68	1015.03	490.00	3665.69	571.67	4276.64	10536.66	
6/23/2014	0.20	150.79	1128.07	96.92	725.02	350.00	2618.35	408.33	3054.74	7526.19	
6/24/2014	0.24	180.95	1353.69	116.30	870.03	420.00	3142.02	490.00	3665.69	9031.42	
6/25/2014	0.20	150.79	1128.07	96.92	725.02	350.00	2618.35	408.33	3054.74	7526.19	
6/26/2014	0.21	158.33	1184.48	101.76	761.27	367.50	2749.27	428.75	3207.48	7902.49	
6/27/2014	0.28	211.11	1579.30	135.68	1015.03	490.00	3665.69	571.67	4276.64	10536.66	
6/28/2014	0.22	165.87	1240.88	106.61	797.52	385.00	2880.19	449.17	3360.22	8278.80	
6/29/2014	0.37	278.96	2086.93	179.29	1341.29	647.50	4843.95	755.42	5651.27	13923.44	
6/30/2014	0.47	354.36	2650.97	227.75	1703.80	822.50	6153.12	959.58	7178.64	17686.54	
Monthly Totals		6416.19	47999.48	4123.73	30849.65	14892.50	111410.79	17374.58	129979.26	320239.18	
Quarterly Total		17672.78	132210.09	11358.44	84972.47	41020.00	306870.62	47856.67	358015.72	882069	

PIT WATER MONITORING DATA

MILL CREEK DOLOMITE, LLC

EVAPORATION

Sump A (sq ft) 12,925 Sump B (sq ft) 8,307
 Settling A (sq ft) 30,000 Settling B (sq ft) 35,000

July, 2014											
	Pan Evaporation (in)	Corrected Evaporation Rate (in)	Sump A Evaporation Volume (cu ft)	Sump A Evaporation (Gallons)	Sump B Evaporation Volume (cu ft)	Sump B Evaporation (Gallons)	Settling A Evaporation Volume (cu ft)	Settling A Evaporation (Gallons)	Settling B Evaporation Volume (cu ft)	Settling B Evaporation (Gallons)	Total Evaporation (Gallons)
7/1/2014	0.28	0.196	211.11	1579.30	135.68	1015.03	490.00	3665.69	571.67	4276.64	10536.66
7/2/2014	0.18	0.126	135.71	1015.27	87.22	652.52	315.00	2356.52	367.50	2749.27	6773.57
7/3/2014	0.24	0.168	180.95	1353.69	116.30	870.03	420.00	3142.02	490.00	3665.69	9031.42
7/4/2014	0.27	0.189	203.57	1522.90	130.84	978.78	472.50	3534.77	551.25	4123.90	10160.35
7/5/2014	0.27	0.189	203.57	1522.90	130.84	978.78	472.50	3534.77	551.25	4123.90	10160.35
7/6/2014	0.32	0.224	241.27	1804.92	155.06	1160.03	560.00	4189.36	653.33	4887.59	12041.90
7/7/2014	0.34	0.238	256.35	1917.72	164.76	1232.54	595.00	4451.20	694.17	5193.06	12794.51
7/8/2014	0.34	0.238	256.35	1917.72	164.76	1232.54	595.00	4451.20	694.17	5193.06	12794.51
7/9/2014	0.22	0.154	165.87	1240.88	106.61	797.52	385.00	2880.19	449.17	3360.22	8278.80
7/10/2014	0.33	0.231	248.81	1861.32	159.91	1196.28	577.50	4320.28	673.75	5040.32	12418.21
7/11/2014	0.36	0.252	271.43	2030.53	174.45	1305.04	630.00	4713.03	735.00	5498.54	13547.13
7/12/2014	0.35	0.245	263.89	1974.13	169.60	1268.79	612.50	4582.11	714.58	5345.80	13170.82
7/13/2014	0.34	0.238	256.35	1917.72	164.76	1232.54	595.00	4451.20	694.17	5193.06	12794.51
7/14/2014	0.17	0.119	128.17	958.86	82.38	616.27	297.50	2225.60	347.08	2596.53	6397.26
7/15/2014	0.34	0.238	256.35	1917.72	164.76	1232.54	595.00	4451.20	694.17	5193.06	12794.51
7/16/2014	0.17	0.119	128.17	958.86	82.38	616.27	297.50	2225.60	347.08	2596.53	6397.26
7/17/2014	0.04	0.028	30.16	225.61	19.38	145.00	70.00	523.67	81.67	610.95	1505.24
7/18/2014	0.10	0.07	75.40	564.04	48.46	362.51	175.00	1309.18	204.17	1527.37	3763.09
7/19/2014	0.14	0.098	105.55	789.65	67.84	507.51	245.00	1832.85	285.83	2138.32	5268.33
7/20/2014	0.24	0.168	180.95	1353.69	116.30	870.03	420.00	3142.02	490.00	3665.69	9031.42
7/21/2014	0.28	0.196	211.11	1579.30	135.68	1015.03	490.00	3665.69	571.67	4276.64	10536.66
7/22/2014	0.27	0.189	203.57	1522.90	130.84	978.78	472.50	3534.77	551.25	4123.90	10160.35
7/23/2014	0.23	0.161	173.41	1297.28	111.45	833.77	402.50	3011.10	469.58	3512.95	8655.11
7/24/2014	0.27	0.189	203.57	1522.90	130.84	978.78	472.50	3534.77	551.25	4123.90	10160.35
7/25/2014	0.32	0.224	241.27	1804.92	155.06	1160.03	560.00	4189.36	653.33	4887.59	12041.90
7/26/2014	0.33	0.231	248.81	1861.32	159.91	1196.28	577.50	4320.28	673.75	5040.32	12418.21
7/27/2014	0.32	0.224	241.27	1804.92	155.06	1160.03	560.00	4189.36	653.33	4887.59	12041.90
7/28/2014	0.26	0.182	196.03	1466.49	125.99	942.53	455.00	3403.86	530.83	3971.16	9784.04
7/29/2014	0.22	0.154	165.87	1240.88	106.61	797.52	385.00	2880.19	449.17	3360.22	8278.80
7/30/2014	0.07	0.049	52.78	394.83	33.92	253.76	122.50	916.42	142.92	1069.16	2634.16
7/31/2014	0.07	0.049	52.78	394.83	33.92	253.76	122.50	916.42	142.92	1069.16	2634.16
Monthly Totals			5790.40	43317.98	3721.54	27840.81	13440.00	100544.64	15680.00	117302.08	289005.51

PIT WATER MONITORING DATA
MILL CREEK DOLOMITE, LLC
EVAPORATION

August, 2014		Sump A (sq ft)	12,925	Sump B (sq ft)	8,307						
		Settling A (sq ft)	30,000	Settling B (sq ft)	35,000						
Date	Pan Evaporation (in)	Corrected Evaporation Rate (in)	Sump A Evaporation Volume (cu ft)	Sump A Evaporation (Gallons)	Sump B Evaporation Volume (cu ft)	Sump B Evaporation (Gallons)	Settling A Evaporation Volume (cu ft)	Settling A Evaporation (Gallons)	Settling B Evaporation Volume (cu ft)	Settling B Evaporation (Gallons)	Total Evaporation (Gallons)
8/1/2014	0.16	0.112	120.63	902.46	77.53	580.02	280.00	2094.68	326.67	2443.79	6020.95
8/2/2014	0.23	0.161	173.41	1297.28	111.45	833.77	402.50	3011.10	469.58	3512.95	8655.11
8/3/2014	0.25	0.175	188.49	1410.09	121.14	906.28	437.50	3272.94	510.42	3818.43	9407.73
8/4/2014	0.25	0.175	188.49	1410.09	121.14	906.28	437.50	3272.94	510.42	3818.43	9407.73
8/5/2014	0.24	0.168	180.95	1353.69	116.30	870.03	420.00	3142.02	490.00	3665.69	9031.42
8/6/2014	0.29	0.203	218.65	1635.71	140.53	1051.28	507.50	3796.61	592.08	4429.38	10912.97
8/7/2014	0.24	0.168	180.95	1353.69	116.30	870.03	420.00	3142.02	490.00	3665.69	9031.42
8/8/2014	0.23	0.161	173.41	1297.28	111.45	833.77	402.50	3011.10	469.58	3512.95	8655.11
8/9/2014	0.27	0.189	203.57	1522.90	130.84	978.78	472.50	3534.77	551.25	4123.90	10160.35
8/10/2014	0.24	0.168	180.95	1353.69	116.30	870.03	420.00	3142.02	490.00	3665.69	9031.42
8/11/2014	0.29	0.203	218.65	1635.71	140.53	1051.28	507.50	3796.61	592.08	4429.38	10912.97
8/12/2014	0.31	0.217	233.73	1748.51	150.22	1123.78	542.50	4058.44	632.92	4734.85	11665.59
8/13/2014	0.25	0.175	188.49	1410.09	121.14	906.28	437.50	3272.94	510.42	3818.43	9407.73
8/14/2014	0.27	0.189	203.57	1522.90	130.84	978.78	472.50	3534.77	551.25	4123.90	10160.35
8/15/2014	0.31	0.217	233.73	1748.51	150.22	1123.78	542.50	4058.44	632.92	4734.85	11665.59
8/16/2014	0.21	0.147	158.33	1184.48	101.76	761.27	367.50	2749.27	428.75	3207.48	7902.49
8/17/2014	0.22	0.154	165.87	1240.88	106.61	797.52	385.00	2880.19	449.17	3360.22	8278.80
8/18/2014	0.30	0.21	226.19	1692.11	145.37	1087.53	525.00	3927.53	612.50	4582.11	11289.28
8/19/2014	0.29	0.203	218.65	1635.71	140.53	1051.28	507.50	3796.61	592.08	4429.38	10912.97
8/20/2014	0.34	0.238	256.35	1917.72	164.76	1232.54	595.00	4451.20	694.17	5193.06	12794.51
8/21/2014	0.39	0.273	294.04	2199.74	188.98	1413.79	682.50	5105.78	796.25	5956.75	14676.06
8/22/2014	0.39	0.273	294.04	2199.74	188.98	1413.79	682.50	5105.78	796.25	5956.75	14676.06
8/23/2014	0.37	0.259	278.96	2086.93	179.29	1341.29	647.50	4843.95	755.42	5651.27	13923.44
8/24/2014	0.33	0.231	248.81	1861.32	159.91	1196.28	577.50	4320.28	673.75	5040.32	12418.21
8/25/2014	0.30	0.21	226.19	1692.11	145.37	1087.53	525.00	3927.53	612.50	4582.11	11289.28
8/26/2014	0.29	0.203	218.65	1635.71	140.53	1051.28	507.50	3796.61	592.08	4429.38	10912.97
8/27/2014	0.26	0.182	196.03	1466.49	125.99	942.53	455.00	3403.86	530.83	3971.16	9784.04
8/28/2014	0.29	0.203	218.65	1635.71	140.53	1051.28	507.50	3796.61	592.08	4429.38	10912.97
8/29/2014	0.22	0.154	165.87	1240.88	106.61	797.52	385.00	2880.19	449.17	3360.22	8278.80
8/30/2014	0.24	0.168	180.95	1353.69	116.30	870.03	420.00	3142.02	490.00	3665.69	9031.42
8/31/2014	0.33	0.231	248.81	1861.32	159.91	1196.28	577.50	4320.28	673.75	5040.32	12418.21
Monthly Totals			6484.04	48507.12	4167.35	31175.91	15050.00	112589.05	17558.33	131353.89	323625.97

PIT WATER MONITORING DATA
MILL CREEK DOLOMITE, LLC
EVAPORATION

September, 2014											
Date	Pan Evaporation (in)	Corrected Evaporation Rate (in)	Sump A Evaporation Volume (cu ft)	Sump A Evaporation (Gallons)	Sump B Evaporation Volume (cu ft)	Sump B Evaporation (Gallons)	Settling A Evaporation Volume (cu ft)	Settling A Evaporation (Gallons)	Settling B Evaporation Volume (cu ft)	Settling B Evaporation (Gallons)	Total Evaporation (Gallons)
9/1/2014	0.44	0.308	331.74	2481.76	213.21	1595.05	770.00	5760.37	898.33	6720.43	16557.61
9/2/2014	0.31	0.217	233.73	1748.51	150.22	1123.78	542.50	4058.44	632.92	4734.85	11665.59
9/3/2014	0.35	0.245	263.89	1974.13	169.60	1268.79	612.50	4582.11	714.58	5345.80	13170.82
9/4/2014	0.38	0.266	286.50	2143.34	184.14	1377.54	665.00	4974.87	775.83	5804.01	14299.75
9/5/2014	0.28	0.196	211.11	1579.30	135.68	1015.03	490.00	3665.69	571.67	4276.64	10536.66
9/6/2014	0.19	0.133	143.25	1071.67	92.07	688.77	332.50	2487.43	387.92	2902.00	7149.88
9/7/2014	0.13	0.091	98.01	733.25	62.99	471.26	227.50	1701.93	265.42	1985.58	4892.02
9/8/2014	0.17	0.119	128.17	958.86	82.38	616.27	297.50	2225.60	347.08	2596.53	6397.26
9/9/2014	0.32	0.224	241.27	1804.92	155.06	1160.03	560.00	4189.36	653.33	4887.59	12041.90
9/10/2014	0.39	0.273	294.04	2199.74	188.98	1413.79	682.50	5105.78	796.25	5956.75	14676.06
9/11/2014	0.12	0.084	90.48	676.84	58.15	435.01	210.00	1571.01	245.00	1832.85	4515.71
9/12/2014	0.08	0.056	60.32	451.23	38.77	290.01	140.00	1047.34	163.33	1221.90	3010.47
9/13/2014	0.16	0.112	120.63	902.46	77.53	580.02	280.00	2094.68	326.67	2443.79	6020.95
9/14/2014	0.11	0.077	82.94	620.44	53.30	398.76	192.50	1440.09	224.58	1680.11	4139.40
9/15/2014	0.11	0.077	82.94	620.44	53.30	398.76	192.50	1440.09	224.58	1680.11	4139.40
9/16/2014	0.18	0.126	135.71	1015.27	87.22	652.52	315.00	2356.52	367.50	2749.27	6773.57
9/17/2014	0.19	0.133	143.25	1071.67	92.07	688.77	332.50	2487.43	387.92	2902.00	7149.88
9/18/2014	0.10	0.07	75.40	564.04	48.46	362.51	175.00	1309.18	204.17	1527.37	3763.09
9/19/2014	0.16	0.112	120.63	902.46	77.53	580.02	280.00	2094.68	326.67	2443.79	6020.95
9/20/2014	0.20	0.14	150.79	1128.07	96.92	725.02	350.00	2618.35	408.33	3054.74	7526.19
9/21/2014	0.19	0.133	143.25	1071.67	92.07	688.77	332.50	2487.43	387.92	2902.00	7149.88
9/22/2014	0.27	0.189	203.57	1522.90	130.84	978.78	472.50	3534.77	551.25	4123.90	10160.35
9/23/2014	0.20	0.14	150.79	1128.07	96.92	725.02	350.00	2618.35	408.33	3054.74	7526.19
9/24/2014	0.19	0.133	143.25	1071.67	92.07	688.77	332.50	2487.43	387.92	2902.00	7149.88
9/25/2014	0.18	0.126	135.71	1015.27	87.22	652.52	315.00	2356.52	367.50	2749.27	6773.57
9/26/2014	0.17	0.119	128.17	958.86	82.38	616.27	297.50	2225.60	347.08	2596.53	6397.26
9/27/2014	0.18	0.126	135.71	1015.27	87.22	652.52	315.00	2356.52	367.50	2749.27	6773.57
9/28/2014	0.15	0.105	113.09	846.05	72.69	543.77	262.50	1963.76	306.25	2291.06	5644.64
9/29/2014	0.18	0.126	135.71	1015.27	87.22	652.52	315.00	2356.52	367.50	2749.27	6773.57
9/30/2014	0.19	0.133	143.25	1071.67	92.07	688.77	332.50	2487.43	387.92	2902.00	7149.88
Monthly Totals			4727.32	35365.07	3038.29	22729.41	10972.50	82085.27	12801.25	95766.15	235945.91
Quarterly Total			17001.76	127190.17	10927.17	81746.13	39462.50	295218.96	46039.58	344422.12	848577

Sump A (sq ft) 12,925
Settling A (sq ft) 30,000

Sump B (sq ft) 8,307
Settling B (sq ft) 35,000

PIT WATER MONITORING DATA
MILL CREEK DOLOMITE, LLC

EVAPORATION

Sump A (sq ft) 12,925 Sump B (sq ft) 8,307
Settling A (sq ft) 30,000 Settling B (sq ft) 35,000

October, 2014		Corrected Evaporation Rate (in)	Sump A Evaporation Volume (cu ft)	Sump A Evaporation (Gallons)	Sump B Evaporation Volume (cu ft)	Sump B Evaporation (Gallons)	Settling A Evaporation Volume (cu ft)	Settling A Evaporation (Gallons)	Settling B Evaporation Volume (cu ft)	Settling B Evaporation (Gallons)	Total Evaporation (Gallons)
Date	Pan Evaporation (in)										
10/1/2014	0.24	0.168	180.95	1353.69	116.30	870.03	420.00	3142.02	490.00	3665.69	9031.42
10/2/2014	0.19	0.133	143.25	1071.67	92.07	688.77	332.50	2487.43	387.92	2902.00	7149.88
10/3/2014	0.19	0.133	143.25	1071.67	92.07	688.77	332.50	2487.43	387.92	2902.00	7149.88
10/4/2014	0.17	0.119	128.17	958.86	82.38	616.27	297.50	2225.60	347.08	2596.53	6397.26
10/5/2014	0.16	0.112	120.63	902.46	77.53	580.02	280.00	2094.68	326.67	2443.79	6020.95
10/6/2014	0.17	0.119	128.17	958.86	82.38	616.27	297.50	2225.60	347.08	2596.53	6397.26
10/7/2014	0.22	0.154	165.87	1240.88	106.61	797.52	385.00	2880.19	449.17	3360.22	8278.80
10/8/2014	0.19	0.133	143.25	1071.67	92.07	688.77	332.50	2487.43	387.92	2902.00	7149.88
10/9/2014	0.22	0.154	165.87	1240.88	106.61	797.52	385.00	2880.19	449.17	3360.22	8278.80
10/10/2014	0.23	0.161	173.41	1297.28	111.45	833.77	402.50	3011.10	469.58	3512.95	8655.11
10/11/2014	0.06	0.042	45.24	338.42	29.07	217.51	105.00	785.51	122.50	916.42	2257.86
10/12/2014	0.16	0.112	120.63	902.46	77.53	580.02	280.00	2094.68	326.67	2443.79	6020.95
10/13/2014	0.11	0.077	82.94	620.44	53.30	398.76	192.50	1440.09	224.58	1680.11	4139.40
10/14/2014	0.23	0.161	173.41	1297.28	111.45	833.77	402.50	3011.10	469.58	3512.95	8655.11
10/15/2014	0.14	0.098	105.55	789.65	67.84	507.51	245.00	1832.85	285.83	2138.32	5268.33
10/16/2014	0.20	0.14	150.79	1128.07	96.92	725.02	350.00	2618.35	408.33	3054.74	7526.19
10/17/2014	0.19	0.133	143.25	1071.67	92.07	688.77	332.50	2487.43	387.92	2902.00	7149.88
10/18/2014	0.21	0.147	158.33	1184.48	101.76	761.27	367.50	2749.27	428.75	3207.48	7902.49
10/19/2014	0.13	0.091	98.01	733.25	62.99	471.26	227.50	1701.93	265.42	1985.58	4892.02
10/20/2014	0.12	0.084	90.48	676.84	58.15	435.01	210.00	1571.01	245.00	1832.85	4515.71
10/21/2014	0.13	0.091	98.01	733.25	62.99	471.26	227.50	1701.93	265.42	1985.58	4892.02
10/22/2014	0.12	0.084	90.48	676.84	58.15	435.01	210.00	1571.01	245.00	1832.85	4515.71
10/23/2014	0.12	0.084	90.48	676.84	58.15	435.01	210.00	1571.01	245.00	1832.85	4515.71
10/24/2014	0.15	0.105	113.09	846.05	72.69	543.77	262.50	1963.76	306.25	2291.06	5644.64
10/25/2014	0.15	0.105	113.09	846.05	72.69	543.77	262.50	1963.76	306.25	2291.06	5644.64
10/26/2014	0.21	0.147	158.33	1184.48	101.76	761.27	367.50	2749.27	428.75	3207.48	7902.49
10/27/2014	0.25	0.175	188.49	1410.09	121.14	906.28	437.50	3272.94	510.42	3818.43	9407.73
10/28/2014	0.25	0.175	188.49	1410.09	121.14	906.28	437.50	3272.94	510.42	3818.43	9407.73
10/29/2014	0.14	0.098	105.55	789.65	67.84	507.51	245.00	1832.85	285.83	2138.32	5268.33
10/30/2014	0.14	0.098	105.55	789.65	67.84	507.51	245.00	1832.85	285.83	2138.32	5268.33
10/31/2014	0.16	0.112	120.63	902.46	77.53	580.02	280.00	2094.68	326.67	2443.79	6020.95
Monthly Totals			4033.68	30175.94	2592.48	19394.31	9362.50	70040.86	10922.92	81714.34	201325.46

PIT WATER MONITORING DATA
MILL CREEK DOLOMITE, LLC
EVAPORATION

November, 2014											
Date	Pan Evaporation (in)	Corrected Evaporation Rate (in)	Sump A Evaporation Volume (cu ft)	Sump A Evaporation (Gallons)	Sump B Evaporation Volume (cu ft)	Sump B Evaporation (Gallons)	Settling A Evaporation Volume (cu ft)	Settling A Evaporation (Gallons)	Settling B Evaporation Volume (cu ft)	Settling B Evaporation (Gallons)	Total Evaporation (Gallons)
11/1/2014	0.13	0.091	98.01	733.25	62.99	471.26	227.50	1701.93	265.42	1985.58	4892.02
11/2/2014	0.15	0.105	113.09	846.05	72.69	543.77	262.50	1963.76	306.25	2291.06	5644.64
11/3/2014	0.13	0.091	98.01	733.25	62.99	471.26	227.50	1701.93	265.42	1985.58	4892.02
11/4/2014	0.07	0.049	52.78	394.83	33.92	253.76	122.50	916.42	142.92	1069.16	2634.16
11/5/2014	0.06	0.042	45.24	338.42	29.07	217.51	105.00	785.51	122.50	916.42	2257.86
11/6/2014	0.15	0.105	113.09	846.05	72.69	543.77	262.50	1963.76	306.25	2291.06	5644.64
11/7/2014	0.12	0.084	90.48	676.84	58.15	435.01	210.00	1571.01	245.00	1832.85	4515.71
11/8/2014	0.17	0.119	128.17	958.86	82.38	616.27	297.50	2225.60	347.08	2596.53	6397.26
11/9/2014	0.14	0.098	105.55	789.65	67.84	507.51	245.00	1832.85	285.83	2138.32	5268.33
11/10/2014	0.27	0.189	203.57	1522.90	130.84	978.78	472.50	3534.77	551.25	4123.90	10160.35
11/11/2014	0.20	0.140	150.79	1128.07	96.92	725.02	350.00	2618.35	408.33	3054.74	7526.19
11/12/2014	0.11	0.077	82.94	620.44	53.30	398.76	192.50	1440.09	224.58	1680.11	4139.40
11/13/2014	0.11	0.077	82.94	620.44	53.30	398.76	192.50	1440.09	224.58	1680.11	4139.40
11/14/2014	0.06	0.042	45.24	338.42	29.07	217.51	105.00	785.51	122.50	916.42	2257.86
11/15/2014	0.08	0.056	60.32	451.23	38.77	290.01	140.00	1047.34	163.33	1221.90	3010.47
11/16/2014	0.03	0.021	22.62	169.21	14.54	108.75	52.50	392.75	61.25	458.21	1128.93
11/17/2014	0.07	0.049	52.78	394.83	33.92	253.76	122.50	916.42	142.92	1069.16	2634.16
11/18/2014	0.10	0.07	75.40	564.04	48.46	362.51	175.00	1309.18	204.17	1527.37	3763.09
11/19/2014	0.12	0.084	90.48	676.84	58.15	435.01	210.00	1571.01	245.00	1832.85	4515.71
11/20/2014	0.10	0.07	75.40	564.04	48.46	362.51	175.00	1309.18	204.17	1527.37	3763.09
11/21/2014	0.02	0.014	15.08	112.81	9.69	72.50	35.00	261.84	40.83	305.47	752.62
11/22/2014	0.03	0.021	22.62	169.21	14.54	108.75	52.50	392.75	61.25	458.21	1128.93
11/23/2014	0.15	0.105	113.09	846.05	72.69	543.77	262.50	1963.76	306.25	2291.06	5644.64
11/24/2014	0.12	0.084	90.48	676.84	58.15	435.01	210.00	1571.01	245.00	1832.85	4515.71
11/25/2014	0.07	0.049	52.78	394.83	33.92	253.76	122.50	916.42	142.92	1069.16	2634.16
11/26/2014	0.12	0.084	90.48	676.84	58.15	435.01	210.00	1571.01	245.00	1832.85	4515.71
11/27/2014	0.08	0.056	60.32	451.23	38.77	290.01	140.00	1047.34	163.33	1221.90	3010.47
11/28/2014	0.14	0.098	105.55	789.65	67.84	507.51	245.00	1832.85	285.83	2138.32	5268.33
11/29/2014	0.22	0.154	165.87	1240.88	106.61	797.52	385.00	2880.19	449.17	3360.22	8278.80
11/30/2014	0.17	0.119	128.17	958.86	82.38	616.27	297.50	2225.60	347.08	2596.53	6397.26
Monthly Totals			2631.31	19684.86	1691.17	12651.62	6107.50	45690.21	7125.42	53305.24	131331.93

PIT WATER MONITORING DATA
MILL CREEK DOLOMITE, LLC
EVAPORATION

Sump A (sq ft) 12,925 Sump B (sq ft) 8,307
Settling A (sq ft) 30,000 Settling B (sq ft) 35,000

December, 2014											
Date	Pan Evaporation (in)	Corrected Evaporation Rate (in)	Sump A Evaporation Volume (cu ft)	Sump A Evaporation (Gallons)	Sump B Evaporation Volume (cu ft)	Sump B Evaporation (Gallons)	Settling A Evaporation Volume (cu ft)	Settling A Evaporation (Gallons)	Settling B Evaporation Volume (cu ft)	Settling B Evaporation (Gallons)	Total Evaporation (Gallons)
12/1/2014	0.08	0.056	60.32	451.23	38.77	290.01	140.00	1047.34	163.33	1221.90	3010.47
12/2/2014	0.06	0.042	45.24	338.42	29.07	217.51	105.00	785.51	122.50	916.42	2257.86
12/3/2014	0.02	0.014	15.08	112.81	9.69	72.50	35.00	261.84	40.83	305.47	752.62
12/4/2014	0.02	0.014	15.08	112.81	9.69	72.50	35.00	261.84	40.83	305.47	752.62
12/5/2014	0.06	0.042	45.24	338.42	29.07	217.51	105.00	785.51	122.50	916.42	2257.86
12/6/2014	0.04	0.028	30.16	225.61	19.38	145.00	70.00	523.67	81.67	610.95	1505.24
12/7/2014	0.02	0.014	15.08	112.81	9.69	72.50	35.00	261.84	40.83	305.47	752.62
12/8/2014	0.05	0.035	37.70	282.02	24.23	181.26	87.50	654.59	102.08	763.69	1881.55
12/9/2014	0.06	0.042	45.24	338.42	29.07	217.51	105.00	785.51	122.50	916.42	2257.86
12/10/2014	0.06	0.042	45.24	338.42	29.07	217.51	105.00	785.51	122.50	916.42	2257.86
12/11/2014	0.04	0.028	30.16	225.61	19.38	145.00	70.00	523.67	81.67	610.95	1505.24
12/12/2014	0.02	0.014	15.08	112.81	9.69	72.50	35.00	261.84	40.83	305.47	752.62
12/13/2014	0.03	0.021	22.62	169.21	14.54	108.75	52.50	392.75	61.25	458.21	1128.93
12/14/2014	0.03	0.021	22.62	169.21	14.54	108.75	52.50	392.75	61.25	458.21	1128.93
12/15/2014	0.11	0.077	82.94	620.44	53.30	398.76	192.50	1440.09	224.58	1680.11	4139.40
12/16/2014	0.08	0.056	60.32	451.23	38.77	290.01	140.00	1047.34	163.33	1221.90	3010.47
12/17/2014	0.02	0.014	15.08	112.81	9.69	72.50	35.00	261.84	40.83	305.47	752.62
12/18/2014	0.02	0.014	15.08	112.81	9.69	72.50	35.00	261.84	40.83	305.47	752.62
12/19/2014	0.02	0.014	15.08	112.81	9.69	72.50	35.00	261.84	40.83	305.47	752.62
12/20/2014	0.03	0.021	22.62	169.21	14.54	108.75	52.50	392.75	61.25	458.21	1128.93
12/21/2014	0.03	0.021	22.62	169.21	14.54	108.75	52.50	392.75	61.25	458.21	1128.93
12/22/2014	0.08	0.056	60.32	451.23	38.77	290.01	140.00	1047.34	163.33	1221.90	3010.47
12/23/2014	0.10	0.07	75.40	564.04	48.46	362.51	175.00	1309.18	204.17	1527.37	3763.09
12/24/2014	0.07	0.049	52.78	394.83	33.92	253.76	122.50	916.42	142.92	1069.16	2634.16
12/25/2014	0.15	0.105	113.09	846.05	72.69	543.77	262.50	1963.76	306.25	2291.06	5644.64
12/26/2014	0.03	0.021	22.62	169.21	14.54	108.75	52.50	392.75	61.25	458.21	1128.93
12/27/2014	0.06	0.042	45.24	338.42	29.07	217.51	105.00	785.51	122.50	916.42	2257.86
12/28/2014	0.05	0.035	37.70	282.02	24.23	181.26	87.50	654.59	102.08	763.69	1881.55
12/29/2014	0.06	0.042	45.24	338.42	29.07	217.51	105.00	785.51	122.50	916.42	2257.86
12/30/2014	0.06	0.042	45.24	338.42	29.07	217.51	105.00	785.51	122.50	916.42	2257.86
12/31/2014	0.05	0.035	37.70	282.02	24.23	181.26	87.50	654.59	102.08	763.69	1881.55
Monthly Totals			1213.87	9080.98	780.17	5836.42	2817.50	21077.72	3287.08	24590.67	60585.79
Quarterly Total			7879	58942	5064	37882	18288	136809	21335	159610	393243
2014 YEAR TOTAL			51850	387888	33324	249299	120348	900320	140405	1050373	2587879

Mesonet | Seasonal Single Site ET Table

2014-12-31	0.03	0.05	0.03	0.02	0.05
2014-12-30	0.05	0.07	0.04	0.03	0.06
2014-12-29	0.05	0.07	0.04	0.03	0.06
2014-12-28	0.04	0.05	0.04	0.02	0.05
2014-12-27	0.04	0.06	0.04	0.03	0.06
2014-12-26	0.03	0.03	0.02	0.02	0.03
2014-12-25	0.11	0.17	0.10	0.07	0.15
2014-12-24	0.06	0.09	0.05	0.04	0.07
2014-12-23	0.08	0.12	0.07	0.05	0.10
2014-12-22	0.06	0.09	0.06	0.04	0.08
2014-12-21	0.02	0.03	0.02	0.01	0.03
2014-12-20	0.02	0.03	0.02	0.01	0.03
2014-12-19	0.02	0.02	0.02	0.01	0.02
2014-12-18	0.01	0.01	0.01	0.01	0.02
2014-12-17	0.01	0.01	0.01	0.01	0.02
2014-12-16	0.06	0.09	0.06	0.04	0.08
2014-12-15	0.08	0.13	0.08	0.05	0.11
2014-12-14	0.02	0.03	0.02	0.01	0.03
2014-12-13	0.03	0.03	0.03	0.02	0.03
2014-12-12	0.02	0.02	0.01	0.01	0.02
2014-12-11	0.04	0.05	0.03	0.02	0.04
2014-12-10	0.05	0.08	0.05	0.03	0.06
2014-12-09	0.05	0.07	0.05	0.03	0.06
2014-12-08	0.04	0.05	0.04	0.02	0.05
2014-12-07	0.02	0.02	0.02	0.01	0.02
2014-12-06	0.03	0.04	0.03	0.02	0.04
2014-12-05	0.05	0.06	0.04	0.03	0.06
2014-12-04	0.02	0.02	0.02	0.01	0.02
2014-12-03	0.02	0.02	0.02	0.01	0.02
2014-12-02	0.04	0.07	0.04	0.03	0.06
2014-12-01	0.06	0.09	0.06	0.04	0.08
2014-11-30	0.12	0.19	0.11	0.07	0.17
2014-11-29	0.16	0.25	0.14	0.10	0.22
2014-11-28	0.10	0.16	0.10	0.06	0.14
2014-11-27	0.06	0.10	0.06	0.04	0.08
2014-11-26	0.09	0.14	0.08	0.05	0.12
2014-11-25	0.06	0.08	0.05	0.03	0.07
2014-11-24	0.09	0.14	0.08	0.06	0.12
2014-11-23	0.11	0.17	0.10	0.07	0.15
2014-11-22	0.02	0.03	0.02	0.01	0.03
2014-11-21	0.02	0.02	0.02	0.01	0.02
2014-11-20	0.08	0.12	0.07	0.05	0.10
2014-11-19	0.09	0.14	0.08	0.05	0.12
2014-11-18	0.07	0.11	0.07	0.05	0.10
2014-11-17	0.05	0.08	0.05	0.03	0.07
2014-11-16	0.03	0.04	0.02	0.02	0.03
2014-11-15	0.06	0.09	0.06	0.04	0.08
2014-11-14	0.04	0.06	0.04	0.03	0.06
2014-11-13	0.07	0.12	0.07	0.05	0.11

Mesonet | Seasonal Single Site ET Table

2014-11-12	0.07	0.11	0.06	0.04	0.11
2014-11-11	0.14	0.22	0.13	0.09	0.20
2014-11-10	0.18	0.28	0.17	0.11	0.27
2014-11-09	0.11	0.16	0.10	0.07	0.14
2014-11-08	0.12	0.19	0.11	0.08	0.17
2014-11-07	0.10	0.14	0.09	0.06	0.12
2014-11-06	0.11	0.17	0.10	0.07	0.15
2014-11-05	0.05	0.06	0.04	0.03	0.06
2014-11-04	0.06	0.09	0.05	0.04	0.07
2014-11-03	0.10	0.15	0.09	0.06	0.13
2014-11-02	0.11	0.17	0.10	0.07	0.15
2014-11-01	0.10	0.15	0.09	0.06	0.13
2014-10-31	0.12	0.18	0.11	0.07	0.16
2014-10-30	0.11	0.16	0.11	0.07	0.14
2014-10-29	0.11	0.15	0.10	0.07	0.14
2014-10-28	0.18	0.27	0.17	0.11	0.25
2014-10-27	0.18	0.27	0.16	0.11	0.25
2014-10-26	0.16	0.24	0.15	0.10	0.21
2014-10-25	0.12	0.16	0.11	0.08	0.15
2014-10-24	0.12	0.16	0.11	0.07	0.15
2014-10-23	0.10	0.13	0.09	0.06	0.12
2014-10-22	0.10	0.12	0.09	0.06	0.12
2014-10-21	0.11	0.13	0.10	0.07	0.13
2014-10-20	0.10	0.12	0.09	0.06	0.12
2014-10-19	0.10	0.13	0.10	0.06	0.13
2014-10-18	0.15	0.22	0.14	0.10	0.21
2014-10-17	0.15	0.21	0.14	0.09	0.19
2014-10-16	0.16	0.22	0.15	0.10	0.20
2014-10-15	0.11	0.14	0.11	0.07	0.14
2014-10-14	0.17	0.24	0.15	0.10	0.23
2014-10-13	0.08	0.12	0.08	0.05	0.11
2014-10-12	0.13	0.17	0.12	0.08	0.16
2014-10-11	0.04	0.06	0.04	0.03	0.06
2014-10-10	0.17	0.25	0.16	0.11	0.23
2014-10-09	0.17	0.24	0.16	0.11	0.22
2014-10-08	0.15	0.20	0.14	0.09	0.19
2014-10-07	0.18	0.23	0.16	0.11	0.22
2014-10-06	0.14	0.18	0.13	0.09	0.17
2014-10-05	0.13	0.17	0.12	0.08	0.16
2014-10-04	0.14	0.18	0.13	0.09	0.17
2014-10-03	0.15	0.20	0.14	0.09	0.19
2014-10-02	0.14	0.21	0.13	0.09	0.19
2014-10-01	0.18	0.25	0.17	0.11	0.24
2014-09-30	0.16	0.20	0.14	0.10	0.19
2014-09-29	0.15	0.18	0.14	0.09	0.18
2014-09-28	0.12	0.15	0.11	0.08	0.15
2014-09-27	0.15	0.19	0.14	0.09	0.18
2014-09-26	0.14	0.17	0.13	0.09	0.17
2014-09-25	0.15	0.18	0.14	0.09	0.18

Mesonet | Seasonal Single Site ET Table

2014-09-24	0.15	0.19	0.14	0.10	0.19
2014-09-23	0.16	0.20	0.15	0.10	0.20
2014-09-22	0.20	0.27	0.19	0.12	0.27
2014-09-21	0.16	0.19	0.15	0.10	0.19
2014-09-20	0.16	0.20	0.15	0.10	0.20
2014-09-19	0.13	0.16	0.12	0.08	0.16
2014-09-18	0.08	0.10	0.08	0.05	0.10
2014-09-17	0.16	0.18	0.14	0.10	0.19
2014-09-16	0.15	0.17	0.14	0.09	0.18
2014-09-15	0.09	0.10	0.09	0.06	0.11
2014-09-14	0.09	0.10	0.08	0.06	0.11
2014-09-13	0.12	0.16	0.11	0.08	0.16
2014-09-12	0.06	0.08	0.06	0.04	0.08
2014-09-11	0.09	0.13	0.09	0.06	0.12
2014-09-10	0.28	0.40	0.26	0.17	0.39
2014-09-09	0.24	0.33	0.23	0.15	0.32
2014-09-08	0.15	0.17	0.14	0.09	0.17
2014-09-07	0.11	0.13	0.10	0.07	0.13
2014-09-06	0.14	0.20	0.13	0.09	0.19
2014-09-05	0.22	0.28	0.20	0.14	0.28
2014-09-04	0.28	0.38	0.26	0.17	0.38
2014-09-03	0.26	0.35	0.24	0.16	0.35
2014-09-02	0.23	0.31	0.22	0.14	0.31
2014-09-01	0.30	0.42	0.28	0.19	0.44
2014-08-31	0.25	0.33	0.23	0.15	0.33
2014-08-30	0.20	0.24	0.19	0.12	0.24
2014-08-29	0.18	0.22	0.17	0.11	0.22
2014-08-28	0.23	0.29	0.21	0.14	0.29
2014-08-27	0.21	0.25	0.19	0.13	0.26
2014-08-26	0.23	0.28	0.21	0.14	0.29
2014-08-25	0.24	0.29	0.22	0.15	0.30
2014-08-24	0.25	0.33	0.24	0.16	0.33
2014-08-23	0.28	0.37	0.26	0.17	0.37
2014-08-22	0.29	0.39	0.27	0.18	0.39
2014-08-21	0.28	0.38	0.26	0.17	0.39
2014-08-20	0.26	0.34	0.24	0.16	0.34
2014-08-19	0.23	0.28	0.22	0.14	0.29
2014-08-18	0.24	0.30	0.22	0.15	0.30
2014-08-17	0.18	0.23	0.16	0.11	0.22
2014-08-16	0.16	0.21	0.15	0.10	0.21
2014-08-15	0.24	0.30	0.22	0.15	0.31
2014-08-14	0.22	0.26	0.20	0.13	0.27
2014-08-13	0.20	0.23	0.19	0.13	0.25
2014-08-12	0.24	0.30	0.22	0.15	0.31
2014-08-11	0.23	0.27	0.21	0.14	0.29
2014-08-10	0.20	0.23	0.19	0.13	0.24
2014-08-09	0.22	0.27	0.21	0.14	0.27
2014-08-08	0.19	0.22	0.18	0.12	0.23
2014-08-07	0.20	0.24	0.18	0.12	0.24

Mesonet | Seasonal Single Site ET Table

2014-08-06	0.23	0.28	0.21	0.14	0.29
2014-08-05	0.20	0.23	0.19	0.13	0.24
2014-08-04	0.20	0.22	0.19	0.13	0.25
2014-08-03	0.21	0.23	0.19	0.13	0.25
2014-08-02	0.19	0.21	0.18	0.12	0.23
2014-08-01	0.13	0.15	0.13	0.08	0.16
2014-07-31	0.06	0.07	0.05	0.03	0.07
2014-07-30	0.06	0.07	0.05	0.04	0.07
2014-07-29	0.18	0.20	0.17	0.11	0.22
2014-07-28	0.20	0.25	0.19	0.12	0.26
2014-07-27	0.26	0.31	0.24	0.16	0.32
2014-07-26	0.26	0.31	0.24	0.16	0.33
2014-07-25	0.25	0.31	0.24	0.16	0.32
2014-07-24	0.22	0.25	0.21	0.14	0.27
2014-07-23	0.20	0.22	0.18	0.12	0.23
2014-07-22	0.22	0.25	0.21	0.14	0.27
2014-07-21	0.23	0.26	0.21	0.14	0.28
2014-07-20	0.20	0.23	0.19	0.12	0.24
2014-07-19	0.11	0.13	0.11	0.07	0.14
2014-07-18	0.09	0.10	0.08	0.05	0.10
2014-07-17	0.03	0.04	0.03	0.02	0.04
2014-07-16	0.13	0.18	0.12	0.08	0.17
2014-07-15	0.25	0.32	0.23	0.15	0.34
2014-07-14	0.14	0.17	0.13	0.09	0.17
2014-07-13	0.27	0.32	0.25	0.17	0.34
2014-07-12	0.27	0.34	0.25	0.17	0.35
2014-07-11	0.28	0.35	0.26	0.17	0.36
2014-07-10	0.26	0.32	0.24	0.16	0.33
2014-07-09	0.17	0.21	0.16	0.11	0.22
2014-07-08	0.27	0.33	0.25	0.17	0.34
2014-07-07	0.27	0.32	0.25	0.17	0.34
2014-07-06	0.25	0.31	0.24	0.16	0.32
2014-07-05	0.22	0.26	0.20	0.13	0.27
2014-07-04	0.22	0.25	0.21	0.14	0.27
2014-07-03	0.19	0.22	0.18	0.12	0.24
2014-07-02	0.15	0.18	0.14	0.09	0.18
2014-07-01	0.22	0.27	0.21	0.14	0.28
2014-06-30	0.33	0.44	0.31	0.20	0.47
2014-06-29	0.27	0.35	0.25	0.17	0.37
2014-06-28	0.17	0.23	0.16	0.10	0.22
2014-06-27	0.20	0.27	0.19	0.13	0.28
2014-06-26	0.16	0.21	0.15	0.10	0.21
2014-06-25	0.16	0.19	0.15	0.10	0.20
2014-06-24	0.20	0.22	0.19	0.12	0.24
2014-06-23	0.16	0.19	0.15	0.10	0.20
2014-06-22	0.22	0.26	0.21	0.14	0.28
2014-06-21	0.19	0.22	0.18	0.12	0.23
2014-06-20	0.19	0.22	0.17	0.12	0.23
2014-06-19	0.15	0.19	0.14	0.09	0.19

Mesonet | Seasonal Single Site ET Table

2014-06-18	0.25	0.33	0.23	0.15	0.34
2014-06-17	0.28	0.37	0.26	0.17	0.39
2014-06-16	0.28	0.36	0.26	0.17	0.38
2014-06-15	0.26	0.34	0.24	0.16	0.35
2014-06-14	0.23	0.30	0.21	0.14	0.31
2014-06-13	0.24	0.28	0.22	0.15	0.30
2014-06-12	0.16	0.20	0.15	0.10	0.20
2014-06-11	0.24	0.28	0.22	0.15	0.30
2014-06-10	0.21	0.26	0.20	0.13	0.28
2014-06-09	0.18	0.22	0.16	0.11	0.23
2014-06-08	0.15	0.18	0.14	0.09	0.19
2014-06-07	0.24	0.30	0.22	0.15	0.31
2014-06-06	0.14	0.17	0.13	0.09	0.17
2014-06-05	0.24	0.30	0.22	0.15	0.31
2014-06-04	0.29	0.37	0.27	0.18	0.39
2014-06-03	0.27	0.33	0.25	0.16	0.35
2014-06-02	0.25	0.31	0.23	0.15	0.32
2014-06-01	0.21	0.26	0.20	0.13	0.27
2014-05-31	0.17	0.20	0.16	0.10	0.20
2014-05-30	0.15	0.18	0.14	0.09	0.18
2014-05-29	0.23	0.27	0.21	0.14	0.28
2014-05-28	0.15	0.18	0.14	0.09	0.19
2014-05-27	0.10	0.12	0.10	0.06	0.12
2014-05-26	0.13	0.16	0.12	0.08	0.17
2014-05-25	0.19	0.25	0.18	0.12	0.25
2014-05-24	0.17	0.21	0.16	0.11	0.22
2014-05-23	0.17	0.22	0.16	0.11	0.22
2014-05-22	0.23	0.29	0.22	0.15	0.30
2014-05-21	0.25	0.33	0.23	0.16	0.34
2014-05-20	0.28	0.39	0.26	0.18	0.41
2014-05-19	0.25	0.33	0.23	0.15	0.36
2014-05-18	0.17	0.23	0.16	0.11	0.22
2014-05-17	0.17	0.22	0.15	0.10	0.22
2014-05-16	0.19	0.23	0.18	0.12	0.24
2014-05-15	0.18	0.23	0.17	0.11	0.23
2014-05-14	0.17	0.21	0.15	0.10	0.21
2014-05-13	0.17	0.23	0.16	0.11	0.24
2014-05-12	0.14	0.20	0.13	0.09	0.19
2014-05-11	0.21	0.30	0.20	0.13	0.31
2014-05-10	0.24	0.30	0.22	0.15	0.32
2014-05-09	0.23	0.28	0.21	0.14	0.29
2014-05-08	0.08	0.10	0.07	0.05	0.10
2014-05-07	0.21	0.30	0.20	0.13	0.30
2014-05-06	0.27	0.37	0.25	0.17	0.39
2014-05-05	0.32	0.46	0.30	0.20	0.49
2014-05-04	0.32	0.45	0.30	0.20	0.46
2014-05-03	0.23	0.30	0.21	0.14	0.30
2014-05-02	0.18	0.23	0.17	0.11	0.24
2014-05-01	0.18	0.24	0.17	0.11	0.24

Mesonet | Seasonal Single Site ET Table

2014-04-30	0.18	0.24	0.17	0.11	0.24
2014-04-29	0.19	0.26	0.17	0.12	0.27
2014-04-28	0.22	0.30	0.20	0.14	0.31
2014-04-27	0.26	0.37	0.24	0.16	0.37
2014-04-26	0.23	0.32	0.22	0.15	0.34
2014-04-25	0.21	0.29	0.20	0.13	0.29
2014-04-24	0.18	0.24	0.17	0.11	0.26
2014-04-23	0.21	0.27	0.19	0.13	0.27
2014-04-22	0.20	0.25	0.19	0.12	0.25
2014-04-21	0.11	0.13	0.10	0.07	0.13
2014-04-20	0.12	0.15	0.11	0.07	0.15
2014-04-19	0.17	0.22	0.16	0.11	0.22
2014-04-18	0.17	0.21	0.16	0.11	0.22
2014-04-17	0.09	0.12	0.09	0.06	0.11
2014-04-16	0.20	0.28	0.18	0.12	0.29
2014-04-15	0.16	0.21	0.15	0.10	0.21
2014-04-14	0.10	0.15	0.10	0.06	0.15
2014-04-13	0.14	0.19	0.13	0.08	0.20
2014-04-12	0.20	0.27	0.18	0.12	0.28
2014-04-11	0.15	0.19	0.14	0.09	0.20
2014-04-10	0.26	0.37	0.24	0.16	0.38
2014-04-09	0.21	0.29	0.19	0.13	0.28
2014-04-08	0.21	0.30	0.20	0.13	0.31
2014-04-07	0.12	0.15	0.11	0.07	0.14
2014-04-06	0.03	0.04	0.03	0.02	0.04
2014-04-05	0.10	0.13	0.09	0.06	0.12
2014-04-04	0.18	0.26	0.17	0.11	0.27
2014-04-03	0.15	0.21	0.14	0.10	0.22
2014-04-02	0.15	0.22	0.14	0.09	0.21
2014-04-01	0.13	0.18	0.12	0.08	0.17
2014-03-31	0.17	0.25	0.16	0.11	0.24
2014-03-30	0.22	0.32	0.20	0.13	0.32
2014-03-29	0.17	0.24	0.16	0.11	0.23
2014-03-28	0.12	0.18	0.11	0.08	0.17
2014-03-27	0.20	0.30	0.19	0.12	0.28
2014-03-26	0.08	0.11	0.07	0.05	0.10
2014-03-25	0.13	0.18	0.12	0.08	0.18
2014-03-24	0.14	0.19	0.13	0.09	0.19
2014-03-23	0.15	0.22	0.14	0.09	0.23
2014-03-22	0.16	0.26	0.15	0.10	0.25
2014-03-21	0.19	0.27	0.17	0.11	0.26
2014-03-20	0.16	0.22	0.15	0.10	0.21
2014-03-19	0.15	0.21	0.14	0.09	0.20
2014-03-18	0.30	0.46	0.28	0.18	0.48
2014-03-17	0.12	0.16	0.11	0.07	0.16
2014-03-16	0.08	0.13	0.08	0.05	0.12
2014-03-15	0.06	0.09	0.06	0.04	0.08
2014-03-14	0.15	0.21	0.14	0.09	0.20
2014-03-13	0.16	0.23	0.15	0.10	0.23

Mesonet | Seasonal Single Site ET Table

2014-03-12	0.18	0.27	0.17	0.11	0.29
2014-03-11	0.23	0.34	0.22	0.14	0.33
2014-03-10	0.17	0.24	0.16	0.10	0.22
2014-03-09	0.11	0.14	0.10	0.07	0.13
2014-03-08	0.04	0.06	0.04	0.03	0.06
2014-03-07	0.12	0.18	0.11	0.08	0.17
2014-03-06	0.08	0.09	0.07	0.05	0.09
2014-03-05	0.08	0.11	0.07	0.05	0.10
2014-03-04	0.07	0.09	0.07	0.04	0.09
2014-03-03	0.05	0.06	0.04	0.03	0.06
2014-03-02	0.05	0.07	0.04	0.03	0.06
2014-03-01	0.04	0.05	0.03	0.02	0.05
2014-02-28	0.15	0.22	0.14	0.09	0.20
2014-02-27	0.09	0.12	0.08	0.06	0.12
2014-02-26	0.08	0.12	0.08	0.05	0.12
2014-02-25	0.09	0.13	0.08	0.05	0.12
2014-02-24	0.05	0.07	0.05	0.03	0.06
2014-02-23	0.09	0.13	0.08	0.06	0.12
2014-02-22	0.15	0.22	0.14	0.09	0.20
2014-02-21	0.14	0.20	0.13	0.08	0.19
2014-02-20	0.14	0.21	0.13	0.09	0.21
2014-02-19	0.06	0.08	0.05	0.03	0.07
2014-02-18	0.14	0.22	0.13	0.09	0.19
2014-02-17	0.14	0.21	0.13	0.09	0.19

2014-03-23	0.15	0.22	0.14	0.09	0.23
2014-03-22	0.16	0.26	0.15	0.10	0.25
2014-03-21	0.19	0.27	0.17	0.11	0.26
2014-03-20	0.16	0.22	0.15	0.10	0.21
2014-03-19	0.15	0.21	0.14	0.09	0.20
2014-03-18	0.30	0.46	0.28	0.18	0.48
2014-03-17	0.12	0.16	0.11	0.07	0.16
2014-03-16	0.08	0.13	0.08	0.05	0.12
2014-03-15	0.06	0.09	0.06	0.04	0.08
2014-03-14	0.15	0.21	0.14	0.09	0.20
2014-03-13	0.16	0.23	0.15	0.10	0.23
2014-03-12	0.18	0.27	0.17	0.11	0.29
2014-03-11	0.23	0.34	0.22	0.14	0.33
2014-03-10	0.17	0.24	0.16	0.10	0.22
2014-03-09	0.11	0.14	0.10	0.07	0.13
2014-03-08	0.04	0.06	0.04	0.03	0.06
2014-03-07	0.12	0.18	0.11	0.08	0.17
2014-03-06	0.08	0.09	0.07	0.05	0.09
2014-03-05	0.08	0.11	0.07	0.05	0.10
2014-03-04	0.07	0.09	0.07	0.04	0.09
2014-03-03	0.05	0.06	0.04	0.03	0.06
2014-03-02	0.05	0.07	0.04	0.03	0.06
2014-03-01	0.04	0.05	0.03	0.02	0.05
2014-02-28	0.15	0.22	0.14	0.09	0.20
2014-02-27	0.09	0.12	0.08	0.06	0.12
2014-02-26	0.08	0.12	0.08	0.05	0.12
2014-02-25	0.09	0.13	0.08	0.05	0.12
2014-02-24	0.05	0.07	0.05	0.03	0.06
2014-02-23	0.09	0.13	0.08	0.06	0.12
2014-02-22	0.15	0.22	0.14	0.09	0.20
2014-02-21	0.14	0.20	0.13	0.08	0.19
2014-02-20	0.14	0.21	0.13	0.09	0.21
2014-02-19	0.06	0.08	0.05	0.03	0.07
2014-02-18	0.14	0.22	0.13	0.09	0.19
2014-02-17	0.14	0.21	0.13	0.09	0.19
2014-02-16	0.11	0.16	0.10	0.07	0.14
2014-02-15	0.10	0.15	0.10	0.06	0.14
2014-02-14	0.13	0.19	0.12	0.08	0.18
2014-02-13	0.08	0.11	0.08	0.05	0.10
2014-02-12	0.07	0.09	0.06	0.04	0.08
2014-02-11	0.03	0.04	0.03	0.02	0.04
2014-02-10	0.02	0.03	0.02	0.01	0.03
2014-02-09	0.01	0.01	0.01	0.01	0.02
2014-02-08	0.02	0.02	0.01	0.01	0.02
2014-02-07	0.02	0.03	0.02	0.01	0.03
2014-02-06	0.03	0.04	0.02	0.02	0.04
2014-02-05	0.05	0.07	0.04	0.03	0.07
2014-02-04	0.02	0.02	0.02	0.01	0.02
2014-02-03	0.03	0.04	0.03	0.02	0.04
2014-02-02	0.02	0.03	0.02	0.01	0.03
2014-02-01	0.03	0.05	0.03	0.02	0.04
2014-01-31	0.09	0.13	0.08	0.06	0.12
2014-01-30	0.11	0.17	0.10	0.07	0.16
2014-01-29	0.07	0.11	0.06	0.04	0.09

1st Qtr 2014

2014-01-28	0.06	0.09	0.05	0.04	0.08
2014-01-27	0.16	0.26	0.15	0.10	0.30
2014-01-26	0.10	0.14	0.09	0.06	0.12
2014-01-25	0.11	0.17	0.10	0.07	0.14
2014-01-24	0.07	0.10	0.06	0.04	0.09
2014-01-23	0.08	0.13	0.08	0.05	0.13
2014-01-22	0.08	0.12	0.07	0.05	0.11
2014-01-21	0.08	0.13	0.08	0.05	0.12
2014-01-20	0.12	0.20	0.12	0.08	0.17
2014-01-19	0.10	0.16	0.10	0.06	0.14
2014-01-18	0.12	0.19	0.11	0.08	0.17
2014-01-17	0.09	0.14	0.08	0.06	0.13
2014-01-16	0.13	0.21	0.12	0.08	0.19
2014-01-15	0.07	0.11	0.07	0.04	0.09
2014-01-14	0.10	0.16	0.09	0.06	0.14
2014-01-13	0.09	0.15	0.09	0.06	0.13
2014-01-12	0.15	0.23	0.14	0.09	0.21
2014-01-11	0.09	0.14	0.08	0.06	0.12
2014-01-10	0.06	0.08	0.05	0.03	0.07
2014-01-09	0.01	0.01	0.01	0.01	0.02
2014-01-08	0.02	0.03	0.02	0.02	0.03
2014-01-07	0.07	0.11	0.06	0.04	0.09
2014-01-06	0.03	0.05	0.03	0.02	0.05
2014-01-05	0.06	0.09	0.05	0.03	0.08
2014-01-04	0.10	0.17	0.10	0.06	0.15
2014-01-03	0.07	0.10	0.06	0.04	0.09
2014-01-02	0.05	0.08	0.05	0.03	0.07
2014-01-01	0.11	0.17	0.10	0.07	0.14
2013-12-31	0.06	0.09	0.05	0.04	0.07
2013-12-30	0.05	0.07	0.04	0.03	0.06
2013-12-29	0.06	0.09	0.06	0.04	0.08
2013-12-28	0.06	0.09	0.06	0.04	0.08
2013-12-27	0.04	0.06	0.04	0.03	0.05
2013-12-26	0.04	0.06	0.04	0.03	0.05
2013-12-25	0.04	0.05	0.04	0.02	0.05
2013-12-24	0.05	0.07	0.05	0.03	0.06
2013-12-23	0.04	0.05	0.03	0.02	0.05
2013-12-22	0.03	0.05	0.03	0.02	0.04
2013-12-21	0.01	0.02	0.01	0.01	0.02
2013-12-20	0.07	0.11	0.06	0.04	0.09
2013-12-19	0.07	0.11	0.07	0.04	0.10
2013-12-18	0.11	0.17	0.10	0.07	0.14
2013-12-17	0.09	0.14	0.08	0.05	0.11
2013-12-16	0.07	0.10	0.06	0.04	0.08
2013-12-15	0.06	0.09	0.06	0.04	0.08
2013-12-14	0.02	0.03	0.02	0.02	0.03
2013-12-13	0.02	0.03	0.02	0.01	0.03
2013-12-12	0.04	0.05	0.03	0.02	0.05
2013-12-11	0.04	0.06	0.04	0.03	0.05
2013-12-10	0.03	0.05	0.03	0.02	0.04
2013-12-09	0.03	0.05	0.03	0.02	0.04
2013-12-08	0.02	0.03	0.02	0.02	0.03
2013-12-07	0.03	0.04	0.02	0.02	0.04

1st Qtr

MILL CREEK DOLOMITE WATER USEAGE LOG
4th QUARTER 2014

Water Truck Summary			
	Loads	Gallons	
	1	4,500	
	Loads	Gallons	Rainfall
1st Quarter totals	14.4	64688	3.0
2nd Quarter totals	41.3	185625	13.0
3rd Quarter totals	31.1	140063	8.7
4th Quarter totals	23.1	104063	9.4
2014 Totals	109.9	494438	34.0

WELL		
	PU - 21	Ag Lime
	Hour Meter	Hours Ran
1st Quarter totals	10910	0
2nd Quarter totals	10998	88
3rd Quarter totals	11027	29
4th Quarter totals	11027	0
2014 Totals		117.0
Total gallons (@ 476.47/hr)		55747

TOTAL 2014 GROUNDWATER USEAGE (gallons)	550184
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ME-40

Date	Beginning	Ending	Miles	Calculated HRs.
	69516	69532	16	1.6
1/16/2014	69532	69546	14	1.4
1/20/2014	69546	69557	11	1.1
1/21/2014	69557	69564.2	7.2	0.72
1/22/2014	69564.2	69567.4	3.2	0.32
1/27/2014	69567.4	69598.3	30.9	3.09
1/30/2014	69598.3	69610.2	11.9	1.19
2/20/2014	69610.2	69642	31.8	3.18
5/2/2014	69642	69818	176	17.6
5/5/2014	69818	69847	29	2.9
5/6/2014	69847	69898	51	5.1
5/12/2014	69898	69931	33	3.3
5/19/2014	69931	69950	19	1.9
5/21/2014	69950	70044	94	9.4
6/10/2014	70044	70062	18	1.8
6/18/2014	70062	70086	24	2.4
6/24/2014	70086	70101	15	1.5
7/4/2014	70101	70168	67	6.7
8/6/2014	70168	70245	77	7.7
8/15/2014	70245	70264	19	1.9
8/26/2014	70264	70293	29	2.9
9/30/2014	70293	70326	33	3.3
10/29/2014	70326	70392	66	6.6
10/30/2014	70392	70399	7	0.7
11/11/2014	70399	70451	52	5.2
11/13/2014	70451	70481	30	3
11/24/2014	70481	70510	29	2.9
12/8/2014	70510	70511	1	0.1
	70511			

[illegible]

