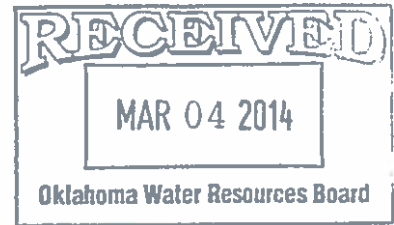


MILL CREEK DOLOMITE, LLC

9915 West Amos Conley Road
Mill Creek, Oklahoma 74856
Phone: (580) 384-5271
Fax: (580) 384-5747



2/27/2014

Kent Wilkins, 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, 4rd Quarter Report 2013

Dear Mr. Wilkins:

As required under **Oklahoma Statute §82-1020.2 (E)(1)** and **Oklahoma Administrative Code 785:30-15**, Mill Creek Dolomite is submitting a water report for the fourth quarter of calendar year 2013.

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

Sincerely,

A handwritten signature in blue ink, appearing to read "Jose Ontiveros". The signature is stylized and includes a long horizontal stroke extending to the right.

Jose Ontiveros

Engineering Manager
Mill Creek Dolomite, LLC

Attachment: Quarterly Report, 4th Quarter 2013.

TABLE 1: Estimated Consumptive Use of Pit Water

PIT GROUNDWATER VOLUME		VALUES	
1	Total volume of water pumped from the producing mine pit(s)	16,710,386	
2	Volume of precipitation that falls onto the surface of water in the producing mining pits(s)	147,586	
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	147,586	
6	Pit Ground Water Volume (Line 1 minus Line 5)	16,562,800	
DEFINED ELEMENTS OF CONSUMPTIVE USE			
7	Volume of pit groundwater that is driven off (by drying) the mined material transported of the mine site	271,861	
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)	386,846	
10	Volume of pit groundwater that is used for other beneficial uses off the mine site	73,688	
11	Defined Elements of Consumptive Use of Pit Groundwater (Add Lines 7 through 10)	732,395	
PIT GROUNDWATER BALANCE			
12	Line 6 minus Line 11	15,830,405	
13	Groundwater Augmentation: Volume of pit groundwater returned to the groundwater basin or subbasin, pursuant to a Management Plan	CREDITS	
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		0
15	Precipitation & Run-off Volume of precipitation and surface run-off into a recharge pit of holding pond used for augmentation		0
16	Recycled Pit Groundwater Volume of pit groundwater returned to a mine pit or holding basin (not included on line 7 through 10)	0	
17	Other Non-Consumptive Losses Including pit groundwater returned to the land surface from which surface runoff flows into a mine pit, and other losses (not included in line 7 through 10)	0	
18	Add lines 13 through 17)	0	
19	Other Consumptive Use (adjusted) (Line 12 minus Line 18)	15,830,405	
TOTAL REPORTED CONSUMPTIVE USE OF OF PIT			
20	Total Net Reported Consumptive Use: (Line 11 plus Line 19)	16,562,800	

PIT WATER MONITORING DATA

MILL CREEK DOLOMITE, LLC

SUMP SURFACE AREA DATA:
 SUMP A (FT²) 12925 SUMP B (FT²) 8307
 PUMP A (GPM) 300 PUMP B (GPM) 200

DATE	WK	PU-19 QA		PU-18 QB		PIT WATER PUMPED			RAIN FALL	VOLUME QA	PIT RAIN WATER			TOTAL GALLONS
		Meter Reading	HRS. RAN	Meter Reading	HRS. RAN	QA GPD	QB GPD	Grand Total			QA	QB	GALLONS	
12/31/12	0	4180.0	31.0	10098	7.0									
1/7/13	1	4192.0	12.0	10098	0.0	30857	0	30857	0	0	0	0	0	0
1/14/13	2	4202	10.0	10120	22.0	25714	37714	63429	1.4	1508	11281	969	7250	18531
1/21/13	3	4214	12.0	10180	60.0	30857	102857	133714	0	0	0	0	0	0
1/28/13	4	4227	13.0	10205	25.0	33429	42857	76286	1.3	1400	10475	900	6732	17207
	Monthly Totals		47.0		107.0	93643	1421571	2358214	2.7	2908	21756	1869	13983	35738
2/4/13	5	4250	23.0	10215	10.0	59143	17143	76286	0	0	0	0	0	0
2/11/13	6	4272	22.0	10252	37.0	56571	63429	120000	0.7	754	5640	485	3625	9265
2/18/13	7	4285	13.0	10381	129.0	33429	221143	254571	0.9	969	7252	623	4661	11913
2/25/13	8	4298	13.0	10440	59.0	33429	101143	134571	1.8	1939	14504	1246	9322	23825
	Monthly Totals		71.0		236.0	1278000	2820000	4088000	3.4	3862	27396	2354	17808	45004
3/4/13	9	4336	38.0	10440	0.0	97714	0	97714	0	0	0	0	0	0
3/11/13	10	4382	46.0	10440	0.0	118286	0	118286	0.8	862	6446	554	4143	10589
3/18/13	11	4408	26.0	10442	2.0	68857	3429	70286	0	0	0	0	0	0
3/25/13	12	4438	30.0	10442	0.0	77143	0	77143	0.7	754	5640	485	3625	9265
	Monthly Totals		140.0		2.0	2790000	26571	2816571	1.5	1616	12086	1038	7768	19855
	1st QUARTER TOTALS		258.0		344.0	5004643	4268143	9272786	7.6	8185.83	61238.22	5261.10	39358.29	100597
4/1/13	13	4456	18.0	10442	0.0	46286	0	46286	0	0	0	0	0	0
4/8/13	14	4470	14.0	10472	30.0	36000	51429	87429	1.2	1293	9669	831	6214	15884
4/15/13	15	4495	25.0	10584	112.0	64286	192000	256286	0.6	646	4835	415	3107	7942
4/22/13	16	4512	17.0	10600	16.0	43714	27429	71143	0.3	323	2417	208	1554	3971
4/29/13	17	4538	26.0	10845	45.0	66857	77142.857	144000	0	0	0	0	0	0
	Monthly Totals		100.0		203.0	1542867	2088000	3830867	2.1	2262	16921	1454	10875	27798
5/6/13	18	4549	11.0	10656	11.0	28286	18857	47143	0	0	0	0	0	0
5/13/13	19	4590	41.0	10670	14.0	105429	24000	129429	0	0	0	0	0	0
5/20/13	20	4640	50.0	10700	30.0	128571	51429	160000	2.5	2693	20144	1731	12947	33091
5/27/13	21	4840	200.0	10819	119.0	514286	204000	718286	6.3	6786	50763	4361	32626	83389
	Monthly Totals		302.0		174.0	6018429	2311714	8330743	8.8	9478	70907	6092	45573	116480
6/3/13	22	4888	48.0	10850	31.0	123429	53143	176571	2.5	2693	20144	1731	12947	33091
6/10/13	23	4965	77.0	10957	107.0	198000	183429	381429	2.6	2800	20950	1800	13465	34415
6/17/13	24	50	50.0	11082	125.0	128571	214286	342857	1.1	1185	8863	761	5697	14560
6/24/13	25	76.9	26.9	11217	135.0	69171	231429	300600	0	0	0	0	0	0
	Monthly Totals		201.9		398.0	3883786	51177143	9010929	6.2	6678	49957	4292	32108	82066
	2nd QUARTER TOTALS		603.9		775.0	11455071	9516857	20971929	17.1	18418	137786	11837	88556	226342

DATE	WK	PU-19 QA		PU-18 QB		PT WATER PUMPED				PT RAIN WATER				TOTAL GALLONS
		Meter Reading	HRS. RAN	Meter Reading	HRS. RAN	QA GPD	QB GPD	Grand Total	RAIN FALL	VOLUME QA	GALLONS QA	VOLUME QB	GALLONS QB	
7/1/13	26	96	19.1	11258	41.0	49114	70286	119400	0	0	0	0	0	0
7/8/13	27	118	22.0	11300	42.0	56571	72000	128571	0	0	0	0	0	0
7/15/13	28	138	20.0	11324	24.0	51429	41143	92571	2.2	2370	17727	1523	11393	29120
7/22/13	29	178	40.0	11395	71.0	102857	121714	224571	3.1	3339	24979	2146	16054	41033
7/29/13	30	266	88.0	11519	124.0	226286	212571	438857	0	0	0	0	0	0
Monthly Totals			189.1		387.8	3614794	328928.6	6224623	5.3	6769	42706	3669	27447	78163
8/5/13	31	292	26.0	11547	28.0	66857	48000	114857	0	0	0	0	0	0
8/12/13	32	333	41.0	11600	53.0	105429	90857	196286	1	1077	8058	692	5179	13236
8/19/13	33	366	33.0	11660	60.0	84857	102857	187714	0.6	646	4835	415	3107	7942
8/26/13	34	404	38.0	11683	23.0	97714	39429	137143	0	0	0	0	0	0
Monthly Totals			138.0		184.0	2768143	2178867.1	4929800	1.6	1723	12892	1108	8286	21778
9/2/13	35	416	12.0	11685	12.0	30857	20571	51429	0	0	0	0	0	0
9/9/13	36	436	20.0	11715	20.0	51429	34286	85714	0	0	0	0	0	0
9/16/13	37	459	23.0	11740	25.0	59143	42857	102000	0.2	215	1612	138	1036	2647
9/23/13	38	494	35.0	11753	13.0	90000	22286	112286	0.6	646	4835	415	3107	7942
9/30/13	39	525	31.0	11773	20.0	79714	34286	114000	0	0	0	0	0	0
Monthly Totals			121.0		90.0	1866867	825714	2782571	0.8	862	6446	564	4143	10689
3rd QUARTER TOTALS			448		556	7631794	6314400	13946194	7.7	8294	62044	5330	39876	101920
10/7/13	40	563	38.0	11824	51.0	97714	87429	185143	1	1077	8058	692	5179	13236
10/14/13	41	590	27.0	11884	60.0	69429	102857	172286	2.2	2370	17727	1523	11393	29120
10/21/13	42	638	48.0	11910	26.0	123429	44571	168000	0.65	700	5237	450	3366	8604
10/28/13	43	704	66.0	11940	30.0	169714	51429	221143	0.7	754	5640	485	3625	9265
Monthly Totals			178.0		167.0	3667214	2218714	5786929	4.56	4901	36882	3150	23683	60228
11/4/13	44	720	16.0	11958	18.0	41143	30857	72000	0.4	431	3223	277	2071	5295
11/11/13	45	730	10.0	11966	8.0	25714	13714	39429	2.1	2262	16921	1454	10875	27796
11/18/13	46	822	92.0	12035	69.0	236571	118286	354857	0	0	0	0	0	0
11/25/13	47	860	38.0	12082	47.0	97714	80571	178286	0.3	323	2417	208	1554	3971
Monthly Totals			158.0		142.0	3008571	1825714	4834286	2.8	3016	22581	1938	14600	37062
12/2/13	48	900	40.0	12120	38.0	102857	65143	168000	0	0	0	0	0	0
12/9/13	49	950	50.0	12160	40.0	128571	68571	197143	0	0	0	0	0	0
12/16/13	50	992	42.0	12194	34.0	108000	58286	166286	0.8	862	6446	554	4143	10589
12/23/13	51	1050	58.0	12230	36.0	149143	61714	210857	3	3231	24173	2077	15536	39709
12/31/13	52	1114	64.0	12274	44.0	164571	75429	240000	0	0	0	0	0	0
Monthly Totals			254.0		192.0	4049486	2040886	6090171	3.8	4093	30619	2831	19679	50298
4th QUARTER TOTALS			589.0		501.0	10625271	6085114.3	16710386	11.2	12009	89843	7719	57743	147586

PIT WATER MONITORING DATA
MILL CREEK DOLOMITE, LLC
EVAPORATION

Sump A (ft²) 12,925 Sump B (ft²) 8,307
 Settling A (ft²) 30,000 Settling B (ft²) 35,000

OCTOBER, 2013												
Date	Pan Evaporatio n (in)	Corrected Evaporation Rate (in)	Sump A Evaporation Volume (ft ³)	Sump A Evaporation (Gallons)	Sump B Evaporation Volume (ft ³)	Sump B Evaporation (Gallons)	Settling A Evaporation Volume (ft ³)	Settling A Evaporation (Gallons)	Settling B Evaporation Volume (ft ³)	Settling B Evaporation (Gallons)	Total Evaporation (Gallons)	
10/01/13	0.23	0.161	173.41	1297.28	111.45	833.77	402.50	3011.10	469.58	3512.95	8655.11	
10/02/13	0.22	0.154	165.87	1240.88	106.61	797.52	385.00	2880.19	449.17	3360.22	8278.80	
10/03/13	0.28	0.196	211.11	1579.30	135.68	1015.03	490.00	3665.69	571.67	4276.64	10536.66	
10/04/13	0.30	0.210	226.19	1692.11	145.37	1087.53	525.00	3927.53	612.50	4582.11	11289.28	
10/05/13	0.15	0.105	113.09	846.05	72.69	543.77	282.50	1963.76	306.25	2291.06	5644.64	
10/06/13	0.21	0.147	158.33	1184.48	101.76	761.27	367.50	2749.27	428.75	3207.48	7902.49	
10/07/13	0.20	0.140	150.79	1128.07	96.92	725.02	350.00	2618.35	408.33	3054.74	7526.19	
10/08/13	0.19	0.133	143.25	1071.67	92.07	688.77	332.50	2487.43	397.92	2902.00	7149.88	
10/09/13	0.21	0.147	158.33	1184.48	101.76	761.27	367.50	2749.27	428.75	3207.48	7902.49	
10/10/13	0.22	0.154	165.87	1240.88	106.61	797.52	385.00	2880.19	449.17	3360.22	8278.80	
10/11/13	0.20	0.140	150.79	1128.07	96.92	725.02	350.00	2618.35	408.33	3054.74	7526.19	
10/12/13	0.16	0.112	120.63	902.46	77.53	580.02	280.00	2094.68	326.67	2443.79	6020.95	
10/13/13	0.07	0.049	52.78	394.83	33.92	253.76	122.50	916.42	142.92	1069.16	2634.16	
10/14/13	0.04	0.028	30.16	225.61	19.38	145.00	70.00	523.67	81.67	610.95	1505.24	
10/15/13	0.08	0.056	60.32	451.23	38.77	290.01	140.00	1047.34	163.33	1221.90	3010.47	
10/16/13	0.17	0.119	128.17	958.86	82.38	616.27	297.50	2225.60	347.08	2596.53	6397.26	
10/17/13	0.12	0.084	90.48	676.84	58.15	435.01	210.00	1571.01	245.00	1832.85	4515.71	
10/18/13	0.10	0.070	75.40	564.04	48.46	362.51	175.00	1309.18	204.17	1527.37	3763.09	
10/19/13	0.13	0.091	98.01	733.25	62.99	471.26	227.50	1701.93	265.42	1985.58	4892.02	
10/20/13	0.18	0.126	135.71	1015.27	87.22	652.52	315.00	2356.52	367.50	2749.27	6773.57	
10/21/13	0.07	0.049	52.78	394.83	33.92	253.76	122.50	916.42	142.92	1069.16	2634.16	
10/22/13	0.17	0.119	128.17	958.86	82.38	616.27	297.50	2225.60	347.08	2596.53	6397.26	
10/23/13	0.16	0.112	120.63	902.46	77.53	580.02	280.00	2094.68	326.67	2443.79	6020.95	
10/24/13	0.19	0.133	143.25	1071.67	92.07	688.77	332.50	2487.43	387.92	2902.00	7149.88	
10/25/13	0.16	0.112	120.63	902.46	77.53	580.02	280.00	2094.68	326.67	2443.79	6020.95	
10/26/13	0.04	0.028	30.16	225.61	19.38	145.00	70.00	523.67	81.67	610.95	1505.24	
10/27/13	0.05	0.035	37.70	282.02	24.23	181.26	87.50	654.59	102.08	763.69	1881.55	
10/28/13	0.05	0.035	37.70	282.02	24.23	181.26	87.50	654.59	102.08	763.69	1881.55	
10/29/13	0.10	0.070	75.40	564.04	48.46	362.51	175.00	1309.18	204.17	1527.37	3763.09	
10/30/13	0.05	0.035	37.70	282.02	24.23	181.26	87.50	654.59	102.08	763.69	1881.55	
10/31/13	0.12	0.084	90.48	676.84	58.15	435.01	210.00	1571.01	245.00	1832.85	4515.71	
Monthly Totals			3453.29	26058.47	2239.74	16747.99	8085.00	60483.69	9432.60	70564.53	173864.88	

NOVEMBER, 2013

Date	Pan Evaporator n (in)	Corrected Evaporation Rate (in)	Sump A Evaporation Volume (Ft ³)	Sump A Evaporation (Gallons)	Sump B Evaporation Volume (Ft ³)	Sump B Evaporation (Gallons)	Settling A Evaporation Volume (Ft ³)	Settling A Evaporation (Gallons)	Settling B Evaporation Volume (Ft ³)	Settling B Evaporation (Gallons)	Total Evaporation (Gallons)
11/01/13	0.16	0.11	120.63	902.46	77.53	580.02	280.00	2094.68	326.67	2443.79	6020.95
11/02/13	0.17	0.12	128.17	958.86	82.38	616.27	297.50	2225.60	347.08	2566.53	6397.26
11/03/13	0.13	0.09	98.01	733.25	62.99	471.26	227.50	1701.93	265.42	1985.58	4892.02
11/04/13	0.08	0.06	60.32	451.23	38.77	290.01	140.00	1047.34	163.33	1221.90	3010.47
11/05/13	0.03	0.02	22.62	169.21	14.54	108.75	52.50	392.75	61.25	458.21	1128.93
11/06/13	0.17	0.12	128.17	958.86	82.38	616.27	297.50	2225.60	347.08	2566.53	6397.26
11/07/13	0.09	0.06	67.86	507.63	43.61	326.26	157.50	1178.26	183.75	1374.63	3366.78
11/08/13	0.15	0.11	113.09	846.05	72.69	543.77	262.50	1963.76	306.25	2291.06	5644.64
11/09/13	0.13	0.09	98.01	733.25	62.99	471.26	227.50	1701.93	265.42	1985.58	4892.02
11/10/13	0.08	0.06	60.32	451.23	38.77	290.01	140.00	1047.34	163.33	1221.90	3010.47
11/11/13	0.10	0.07	75.40	564.04	48.46	362.51	175.00	1309.18	204.17	1527.37	3763.09
11/12/13	0.21	0.15	158.33	1184.48	101.76	761.27	367.50	2749.27	428.75	3207.48	7902.49
11/13/13	0.10	0.07	75.40	564.04	48.46	362.51	175.00	1309.18	204.17	1527.37	3763.09
11/14/13	0.08	0.06	60.32	451.23	38.77	290.01	140.00	1047.34	163.33	1221.90	3010.47
11/15/13	0.12	0.08	90.48	676.84	58.15	435.01	210.00	1571.01	245.00	1832.85	4515.71
11/16/13	0.12	0.08	90.48	676.84	58.15	435.01	210.00	1571.01	245.00	1832.85	4515.71
11/17/13	0.29	0.20	218.65	1635.71	140.53	1051.28	507.50	3796.61	592.08	4429.38	10912.97
11/18/13	0.24	0.17	180.95	1353.69	116.30	870.03	420.00	3142.02	490.00	3665.69	9031.42
11/19/13	0.20	0.14	150.79	1128.07	96.92	725.02	350.00	2618.35	408.33	3054.74	7526.19
11/20/13	0.16	0.11	120.63	902.46	77.53	580.02	280.00	2094.68	326.67	2443.79	6020.95
11/21/13	0.06	0.04	45.24	338.42	29.07	217.51	105.00	785.51	122.50	916.42	2257.86
11/22/13	0.03	0.02	22.62	169.21	14.54	108.75	52.50	392.75	61.25	458.21	1128.93
11/23/13	0.07	0.05	52.78	394.83	33.92	253.76	122.50	916.42	142.92	1069.16	2834.16
11/24/13	0.06	0.04	45.24	338.42	29.07	217.51	105.00	785.51	122.50	916.42	2257.86
11/25/13	0.02	0.01	15.08	112.81	9.69	72.50	35.00	261.84	40.83	305.47	752.62
11/26/13	0.13	0.09	98.01	733.25	62.99	471.26	227.50	1701.93	265.42	1985.58	4892.02
11/27/13	0.10	0.07	75.40	564.04	48.46	362.51	175.00	1309.18	204.17	1527.37	3763.09
11/28/13	0.08	0.06	60.32	451.23	38.77	290.01	140.00	1047.34	163.33	1221.90	3010.47
11/29/13	0.09	0.06	67.86	507.63	43.61	326.26	157.50	1178.26	183.75	1374.63	3366.78
11/30/13	0.10	0.07	75.40	564.04	48.46	362.51	175.00	1309.18	204.17	1527.37	3763.09
Monthly Totals			2676.66	20023.29	1720.24	12868.12	6212.60	46476.71	7247.92	64221.66	133668.78

DECEMBER, 2013												
Date	Pan Evaporatio n (in)	Corrected Evaporation Rate (in)	Sump A Evaporation Volume (Ft ³)	Sump A Evaporation (Gallons)	Sump B Evaporation Volume (Ft ³)	Sump B Evaporation (Gallons)	Settling A Evaporation Volume (Ft ³)	Settling A Evaporation (Gallons)	Settling B Evaporation Volume (Ft ³)	Settling B Evaporation (Gallons)	Total Evaporation (Gallons)	
12/1/2013	0.06	0.04	45.24	338.42	29.07	217.51	105.00	785.51	122.50	916.42	2257.86	
12/2/2013	0.04	0.03	30.16	225.61	19.38	145.00	70.00	523.67	81.67	610.95	1505.24	
12/03/13	0.06	0.04	45.24	338.42	29.07	217.51	105.00	785.51	122.50	916.42	2257.86	
12/04/13	0.10	0.07	75.40	564.04	48.46	362.51	175.00	1309.18	204.17	1527.37	3763.09	
12/05/13	0.06	0.04	45.24	338.42	29.07	217.51	105.00	785.51	122.50	916.42	2257.86	
12/06/13	0.03	0.02	22.62	169.21	14.54	108.75	52.50	392.75	61.25	458.21	1128.93	
12/07/13	0.04	0.03	30.16	225.61	19.38	145.00	70.00	523.67	81.67	610.95	1505.24	
12/08/13	0.03	0.02	22.62	169.21	14.54	108.75	52.50	392.75	61.25	458.21	1128.93	
12/09/13	0.05	0.04	37.70	282.02	24.23	181.26	87.50	654.59	102.08	763.69	1881.55	
12/10/13	0.05	0.04	37.70	282.02	24.23	181.26	87.50	654.59	102.08	763.69	1881.55	
12/11/13	0.06	0.04	45.24	338.42	29.07	217.51	105.00	785.51	122.50	916.42	2257.86	
12/12/13	0.05	0.04	37.70	282.02	24.23	181.26	87.50	654.59	102.08	763.69	1881.55	
12/13/13	0.03	0.02	22.62	169.21	14.54	108.75	52.50	392.75	61.25	458.21	1128.93	
12/14/13	0.03	0.02	22.62	169.21	14.54	108.75	52.50	392.75	61.25	458.21	1128.93	
12/15/13	0.09	0.06	67.86	507.63	43.61	326.26	157.50	1178.26	183.75	1374.63	3386.78	
12/16/13	0.10	0.07	75.40	564.04	48.46	362.51	175.00	1309.18	204.17	1527.37	3763.09	
12/17/13	0.14	0.10	105.55	789.65	67.84	507.51	245.00	1832.85	285.83	2138.32	5266.33	
12/18/13	0.17	0.12	128.17	958.86	82.38	616.27	297.50	2225.60	347.08	2586.53	6397.26	
12/19/13	0.11	0.08	82.94	620.44	53.30	398.76	192.50	1440.09	224.58	1680.11	4139.40	
12/20/13	0.11	0.08	82.94	620.44	53.30	398.76	192.50	1440.09	224.58	1680.11	4139.40	
12/21/13	0.02	0.01	15.08	112.81	9.59	72.50	35.00	261.84	40.83	305.47	752.62	
12/22/13	0.05	0.04	37.70	282.02	24.23	181.26	87.50	654.59	102.08	763.69	1881.55	
12/23/13	0.05	0.04	37.70	282.02	24.23	181.26	87.50	654.59	102.08	763.69	1881.55	
12/24/13	0.07	0.05	52.78	394.83	33.92	253.76	122.50	916.42	142.92	1069.16	2634.16	
12/25/13	0.05	0.04	37.70	282.02	24.23	181.26	87.50	654.59	102.08	763.69	1881.55	
12/26/13	0.05	0.04	45.24	338.42	29.07	217.51	105.00	785.51	122.50	916.42	2257.86	
12/27/13	0.06	0.04	45.24	338.42	29.07	217.51	105.00	785.51	122.50	916.42	2257.86	
12/28/13	0.09	0.06	67.86	507.63	43.61	326.26	157.50	1178.26	183.75	1374.63	3386.78	
12/29/13	0.09	0.06	67.86	507.63	43.61	326.26	157.50	1178.26	183.75	1374.63	3386.78	
12/30/13	0.07	0.05	52.78	394.83	33.92	253.76	122.50	916.42	142.92	1069.16	2634.16	
12/31/13	0.09	0.06	67.86	507.63	43.61	326.26	157.50	1178.26	183.75	1374.63	3386.78	
Monthly Totals			1590.86	11901.16	1022.46	7848.97	3692.60	27823.69	4307.92	32227.62	79481.26	
Quarterly Total			7751	57983	4981	37266	17990	134583	20988	157014	386846	

2013				
Water Truck Hours				
Date	Rainfall	Start	End	Miles
Tuesday		1/1/2013	68423	68423.5
Wednesday		1/2/2013		
Thursday		1/3/2013		
Friday		1/4/2013		
Saturday		1/5/2013		
Sunday		1/6/2013		
Monday		1/7/2013		
Tuesday		1/8/2013		
Wednesday		1/9/2013		
Thursday		1/10/2013		
Friday		1/11/2013		
Saturday		1/12/2013		
Sunday		1/13/2013		
Monday		1/14/2013		
Tuesday		1/15/2013		
Wednesday		1/16/2013		
Thursday		1/17/2013	68423.5	68476.1
Friday		1/18/2013		
Saturday		1/19/2013		
Sunday		1/20/2013		
Monday		1/21/2013		
Tuesday		1/22/2013		
Wednesday		1/23/2013		
Thursday		1/24/2013		
Friday		1/25/2013		
Saturday		1/26/2013		
Sunday		1/27/2013		
Monday		1/28/2013	68476.1	68484
Tuesday		1/29/2013		
Wednesday		1/30/2013		
Thursday		1/31/2013		
Friday		2/1/2013		
Saturday		2/2/2013		
Sunday		2/3/2013		
Monday		2/4/2013		
Tuesday		2/5/2013		
Wednesday		2/6/2013	68484	68490
Thursday		2/7/2013		
Friday		2/8/2013		
Saturday		2/9/2013		
Sunday		2/10/2013		
Monday		2/11/2013		
Tuesday		2/12/2013		
Wednesday		2/13/2013		
Thursday		2/14/2013		
Friday		2/15/2013		
Saturday		2/16/2013		
Sunday		2/17/2013		
Monday		2/18/2013		
Tuesday		2/19/2013		
Wednesday		2/20/2013		
Thursday		2/21/2013	68490	68497
Friday		2/22/2013		
Saturday		2/23/2013		

Water Truck			
	Loads	Gallons	Rainfall
Month	211	948937.5	
January	8	34,313	2.7
February	2	7,313	3.4
March	37	166,444	1.5
April	14	62,494	0.0
May	36	163,125	0.0
June	36	163,125	0.0
July	13	56,250	5.3
August	27	119,250	1.6
September	23	102,938	0.8
October	16	71,438	5.0
November	1	2,250	2.4
December	0	0	3.8
Total	211	948,938	26.5

Water Right	Use	Permitted Gallons	Permitted Ac-Ft
19900552	1,091,402	39,427,971.00	121

Total Groundwater Usage			
Month	Permitted Gallons	Permitted Ac-Ft	
January			44,318
February			7,313
March			166,444
April			70,117
May			186,472
June			194,096
July			82,932
August			128,732
September			136,290
October			71,438
November			2,250
December			0
Total			1,091,402

WELL		
Month	Gallons	
January	10006	
February	0	
March	0	
April	7624	
May	23347	
June	30971	
July	26682	
August	10482	
September	33353	
October	0	
November	0	
December	0	
Total	142465	

Groundwater				
C.O.	Date	Hours	Gallons	gph (01/05)
	01/07/13	10611	476,47	
	01/14/13	10615	1906	
	01/21/13	10632	8100	
	01/28/13	10632	0	
	02/04/13	10632	0	10006
	02/11/13	10632	0	
	02/18/13	10632	0	
	02/25/13	10632	0	
	03/04/13	10632	0	
	03/11/13	10632	0	
	03/18/13	10632	0	
	03/25/13	10632	0	
	04/01/13	10632	0	
	04/08/13	10635	1429	
	04/15/13	10635	0	
	04/22/13	10642	3335	
	04/29/13	10648	2859	
	05/06/13	10656	3812	7624
	05/13/13	10697	19535	
	05/20/13	10697	0	
	05/27/13	10697	0	
	06/03/13	10697	0	23347
	06/10/13	10710	6194	
	06/17/13	10762	24776	
	06/24/13	10762	0	
	07/01/13	10762	0	30971
	07/08/13	10788	12388	
	07/15/13	10796	3812	
	07/22/13	10818	10482	
	07/29/13	10818	0	
	08/05/13	10818	0	26682
	08/12/13	10818	0	
	08/19/13	10832	6671	
	08/26/13	10840	3812	
	09/02/13	10840	0	10482
	09/09/13	10860	9529	
	09/16/13	10890	14294	
	09/23/13	10901	5241	
	09/30/13	10910	4288	33353
	10/07/13	10910	0	
	10/14/13	10910	0	
	10/21/13	10910	0	
	10/28/13	10910	0	
	11/04/13	10910	0	
	11/11/13	10910	0	
	11/18/13	10910	0	
	11/25/13	10910	0	
	12/02/13	10910	0	
	12/09/13	10910	0	
	12/16/13	10910	0	
	12/23/13	10910	0	
	12/30/13	10910	0	
Total			142465	

0.06
0.58
0.99
0.8
0.9

Sunday	2/24/2013					
Monday	2/25/2013	0.5				
Tuesday	2/26/2013					
Wednesday	2/27/2013					
Thursday	2/28/2013					
Friday	3/1/2013					
Saturday	3/2/2013					
Sunday	3/3/2013					
Monday	3/4/2013					
Tuesday	3/5/2013	68497	68522.3		25.3	3.2
Wednesday	3/6/2013					
Thursday	3/7/2013	68522.3	68533.1		10.8	1.4
Friday	3/8/2013					
Saturday	3/9/2013	0.8				
Sunday	3/10/2013					
Monday	3/11/2013					
Tuesday	3/12/2013	68533.1	68541.9		8.8	1.1
Wednesday	3/13/2013	68541.9	68553		11.1	1.4
Thursday	3/14/2013	68553	68584.4		31.4	3.9
Friday	3/15/2013	68584.4	68627.3		42.9	5.4
Saturday	3/16/2013					
Sunday	3/17/2013					
Monday	3/18/2013					
Tuesday	3/19/2013	68627.3	68661.2		33.9	4.2
Wednesday	3/20/2013	68661.2	68697.6		36.4	4.6
Thursday	3/21/2013	68697.6	68708		10.4	1.3
Friday	3/22/2013	0.5				
Saturday	3/23/2013	0.2				
Sunday	3/24/2013					
Monday	3/25/2013	68708	68709.6		1.6	0.2
Tuesday	3/26/2013	68709.6	68735.6		26	3.3
Wednesday	3/27/2013	67735.6	67747.6		12	1.5
Thursday	3/28/2013	68747.6	68792.9		45.3	5.7
Friday	3/29/2013					
Saturday	3/30/2013					
Sunday	3/31/2013					
Monday	4/1/2013	68792.9	68820.9		28	3.5
Tuesday	4/2/2013					
Wednesday	4/3/2013					
Thursday	4/4/2013					
Friday	4/5/2013					
Saturday	4/6/2013					
Sunday	4/7/2013					
Monday	4/8/2013					
Tuesday	4/9/2013					
Wednesday	4/10/2013					
Thursday	4/11/2013					
Friday	4/12/2013					
Saturday	4/13/2013					
Sunday	4/14/2013					
Monday	4/15/2013	68820.9	68830		9.1	1.1
Tuesday	4/16/2013	68830	68868.7		38.7	4.8
Wednesday	4/17/2013	68868.7	68880		11.3	1.4
Thursday	4/18/2013					
Friday	4/19/2013					
Saturday	4/20/2013					
Sunday	4/21/2013					
Monday	4/22/2013	68880	68890		10	1.3
Tuesday	4/23/2013	68890	68904		14	1.8
Wednesday	4/24/2013					

Thursday	4/25/2013			
Friday	4/26/2013			
Saturday	4/27/2013			
Sunday	4/28/2013			
Monday	4/29/2013			
Tuesday	4/30/2013			
Wednesday	5/1/2013			
Thursday	5/2/2013			
Friday	5/3/2013			
Saturday	5/4/2013			
Sunday	5/5/2013			
Monday	5/6/2013			
Tuesday	5/7/2013			
Wednesday	5/8/2013			
Thursday	5/9/2013			
Friday	5/10/2013			
Saturday	5/11/2013			
Sunday	5/12/2013			
Monday	5/13/2013			
Tuesday	5/14/2013			
Wednesday	5/15/2013			
Thursday	5/16/2013			
Friday	5/17/2013			
Saturday	5/18/2013			
Sunday	5/19/2013			
Monday	5/20/2013			
Tuesday	5/21/2013			
Wednesday	5/22/2013			
Thursday	5/23/2013			
Friday	5/24/2013			
Saturday	5/25/2013			
Sunday	5/26/2013			
Monday	5/27/2013			
Tuesday	5/28/2013			
Wednesday	5/29/2013			
Thursday	5/30/2013			
Friday	5/31/2013	0	290	290
Saturday	6/1/2013			
Sunday	6/2/2013			
Monday	6/3/2013			
Tuesday	6/4/2013			
Wednesday	6/5/2013			
Thursday	6/6/2013			
Friday	6/7/2013			
Saturday	6/8/2013			
Sunday	6/9/2013			
Monday	6/10/2013			
Tuesday	6/11/2013			
Wednesday	6/12/2013			
Thursday	6/13/2013			
Friday	6/14/2013			
Saturday	6/15/2013			
Sunday	6/16/2013			
Monday	6/17/2013			
Tuesday	6/18/2013			
Wednesday	6/19/2013			
Thursday	6/20/2013			
Friday	6/21/2013			
Saturday	6/22/2013			
Sunday	6/23/2013			

36.3

Monday	6/24/2013								
Tuesday	6/25/2013								
Wednesday	6/26/2013								
Thursday	6/27/2013								
Friday	6/28/2013								
Saturday	6/29/2013								
Sunday	6/30/2013		290	580	290				36.3
Monday	7/1/2013		68990	68990	14				1.8
Tuesday	7/2/2013								
Wednesday	7/3/2013								
Thursday	7/4/2013								
Friday	7/5/2013								
Saturday	7/6/2013								
Sunday	7/7/2013								
Monday	7/8/2013								
Tuesday	7/9/2013								
Wednesday	7/10/2013		68904	68930	26				3.3
Thursday	7/11/2013								
Friday	7/12/2013								
Saturday	7/13/2013								
Sunday	7/14/2013								
Monday	7/15/2013		1.7	68930	68960	30			3.8
Tuesday	7/16/2013		0.2						
Wednesday	7/17/2013		0.3						
Thursday	7/18/2013								
Friday	7/19/2013								
Saturday	7/20/2013								
Sunday	7/21/2013								
Monday	7/22/2013								
Tuesday	7/23/2013								
Wednesday	7/24/2013		1.0						
Thursday	7/25/2013		68960	68990	30				3.8
Friday	7/26/2013		2.1						
Saturday	7/27/2013								
Sunday	7/28/2013								
Monday	7/29/2013								
Tuesday	7/30/2013								
Wednesday	7/31/2013								
Thursday	8/1/2013								
Friday	8/2/2013								
Saturday	8/3/2013								
Sunday	8/4/2013								
Monday	8/5/2013								
Tuesday	8/6/2013		68990	69012	22				2.8
Wednesday	8/7/2013								
Thursday	8/8/2013								
Friday	8/9/2013		1.0						
Saturday	8/10/2013								
Sunday	8/11/2013								
Monday	8/12/2013								
Tuesday	8/13/2013		0.6						
Wednesday	8/14/2013								
Thursday	8/15/2013		69012	69055	43				5.4
Friday	8/16/2013								
Saturday	8/17/2013								
Sunday	8/18/2013								
Monday	8/19/2013								
Tuesday	8/20/2013								
Wednesday	8/21/2013								
Thursday	8/22/2013		69055	69100	45				5.6

Friday	8/23/2013								
Saturday	8/24/2013								
Sunday	8/25/2013								
Monday	8/26/2013								
Tuesday	8/27/2013								
Wednesday	8/28/2013								
Thursday	8/29/2013			69100	69169			69	8.6
Friday	8/30/2013			69169	69202			33	4.1
Saturday	8/31/2013								
Sunday	9/1/2013								
Monday	9/2/2013								
Tuesday	9/3/2013								
Wednesday	9/4/2013								
Thursday	9/5/2013								
Friday	9/6/2013								
Saturday	9/7/2013								
Sunday	9/8/2013								
Monday	9/9/2013								
Tuesday	9/10/2013								
Wednesday	9/11/2013			69202	69242			40	5.0
Thursday	9/12/2013			69242	69269			27	3.4
Friday	9/13/2013								
Saturday	9/14/2013								
Sunday	9/15/2013								
Monday	9/16/2013			69269	69278			9	1.1
Tuesday	9/17/2013								
Wednesday	9/18/2013								
Thursday	9/19/2013								
Friday	9/20/2013							0.2	
Saturday	9/21/2013								
Sunday	9/22/2013								
Monday	9/23/2013			69278	69307			29	3.6
Tuesday	9/24/2013			69307	69356			49	6.1
Wednesday	9/25/2013								
Thursday	9/26/2013			69356	69362			6	0.8
Friday	9/27/2013			69362	69385			23	2.9
Saturday	9/28/2013							0.6	
Sunday	9/29/2013								
Monday	9/30/2013								
Tuesday	10/1/2013								
Wednesday	10/2/2013			69385	69410			25	3.1
Thursday	10/3/2013			69410	69429			19	2.4
Friday	10/4/2013								
Saturday	10/5/2013							1.0	
Sunday	10/6/2013								
Monday	10/7/2013								
Tuesday	10/8/2013								
Wednesday	10/9/2013								
Thursday	10/10/2013			69429	69442			13	1.6
Friday	10/11/2013								
Saturday	10/12/2013								
Sunday	10/13/2013			0.4					
Monday	10/14/2013			1.8	69442	69454		12	1.5
Tuesday	10/15/2013			0.7					
Wednesday	10/16/2013								
Thursday	10/17/2013								
Friday	10/18/2013								
Saturday	10/19/2013								
Sunday	10/20/2013								
Monday	10/21/2013								

Tuesday	10/22/2013								
Wednesday	10/23/2013		69454	69461				7	0.9
Thursday	10/24/2013		69461	69470				9	1.1
Friday	10/25/2013								
Saturday	10/26/2013								
Sunday	10/27/2013								
Monday	10/28/2013								
Tuesday	10/29/2013								
Wednesday	10/30/2013		0.4	69470	69505			35	4.4
Thursday	10/31/2013			69505	69512			7	0.9
Friday	11/1/2013								
Saturday	11/2/2013								
Sunday	11/3/2013								
Monday	11/4/2013								
Tuesday	11/5/2013		0.9						
Wednesday	11/6/2013		1.2						
Thursday	11/7/2013								
Friday	11/8/2013								
Saturday	11/9/2013								
Sunday	11/10/2013								
Monday	11/11/2013								
Tuesday	11/12/2013								
Wednesday	11/13/2013								
Thursday	11/14/2013								
Friday	11/15/2013			69512	69516			4	0.5
Saturday	11/16/2013								
Sunday	11/17/2013								
Monday	11/18/2013								
Tuesday	11/19/2013								
Wednesday	11/20/2013								
Thursday	11/21/2013								
Friday	11/22/2013		0.3						
Saturday	11/23/2013								
Sunday	11/24/2013								
Monday	11/25/2013								
Tuesday	11/26/2013								
Wednesday	11/27/2013								
Thursday	11/28/2013								
Friday	11/29/2013								
Saturday	11/30/2013								
Sunday	12/1/2013								
Monday	12/2/2013								
Tuesday	12/3/2013								
Wednesday	12/4/2013								
Thursday	12/5/2013								
Friday	12/6/2013								
Saturday	12/7/2013								
Sunday	12/8/2013								
Monday	12/9/2013								
Tuesday	12/10/2013								
Wednesday	12/11/2013		0.5						
Thursday	12/12/2013								
Friday	12/13/2013								
Saturday	12/14/2013								
Sunday	12/15/2013								
Monday	12/16/2013		0.3						
Tuesday	12/17/2013								
Wednesday	12/18/2013								
Thursday	12/19/2013								
Friday	12/20/2013								

Saturday	12/21/2013	3.0							
Sunday	12/22/2013								
Monday	12/23/2013								
Tuesday	12/24/2013								
Wednesday	12/25/2013								
Thursday	12/26/2013								
Friday	12/27/2013								
Saturday	12/28/2013								
Sunday	12/29/2013								
Monday	12/30/2013								
Tuesday	12/31/2013	26.5				0	0	0.0	
				69516		1687	211		948937.5

2013-11-22	0.02	0.03	0.02	0.01	0.03
2013-11-21	0.04	0.06	0.04	0.02	0.05
2013-11-20	0.10	0.16	0.10	0.06	0.15
2013-11-19	0.13	0.20	0.12	0.08	0.18
2013-11-18	0.15	0.24	0.14	0.09	0.23
2013-11-17	0.18	0.29	0.17	0.11	0.26
2013-11-16	0.08	0.12	0.08	0.05	0.11
2013-11-15	0.08	0.12	0.08	0.05	0.10
2013-11-14	0.06	0.08	0.05	0.04	0.07
2013-11-13	0.07	0.10	0.06	0.04	0.08
2013-11-12	0.13	0.21	0.12	0.08	0.19
2013-11-11	0.07	0.10	0.07	0.05	0.09
2013-11-10	0.06	0.08	0.06	0.04	0.08
2013-11-09	0.09	0.13	0.08	0.05	0.11
2013-11-08	0.10	0.15	0.09	0.06	0.13
2013-11-07	0.07	0.09	0.06	0.04	0.08
2013-11-06	0.11	0.17	0.10	0.07	0.15
2013-11-05	0.03	0.03	0.03	0.02	0.03
2013-11-04	0.06	0.08	0.05	0.03	0.07
2013-11-03	0.09	0.13	0.08	0.06	0.12
2013-11-02	0.12	0.17	0.11	0.07	0.16
2013-11-01	0.11	0.16	0.10	0.07	0.14
2013-10-31	0.09	0.12	0.08	0.06	0.12
2013-10-30	0.04	0.05	0.03	0.02	0.05
2013-10-29	0.07	0.10	0.06	0.04	0.09
2013-10-28	0.04	0.05	0.04	0.02	0.05
2013-10-27	0.04	0.05	0.04	0.03	0.05
2013-10-26	0.03	0.04	0.03	0.02	0.04
2013-10-25	0.11	0.16	0.10	0.07	0.15
2013-10-24	0.13	0.19	0.12	0.08	0.17
2013-10-23	0.12	0.16	0.11	0.07	0.15
2013-10-22	0.12	0.17	0.11	0.07	0.15
2013-10-21	0.05	0.07	0.05	0.03	0.07
2013-10-20	0.13	0.18	0.12	0.08	0.16
2013-10-19	0.10	0.13	0.09	0.06	0.12
2013-10-18	0.07	0.10	0.07	0.04	0.09
2013-10-17	0.10	0.12	0.09	0.06	0.11
2013-10-16	0.12	0.17	0.11	0.08	0.16
2013-10-15	0.08	0.08	0.05	0.04	0.07
2013-10-14	0.03	0.04	0.03	0.02	0.04
2013-10-13	0.05	0.07	0.05	0.03	0.07
2013-10-12	0.13	0.16	0.12	0.08	0.16
2013-10-11	0.14	0.20	0.13	0.09	0.19
2013-10-10	0.16	0.22	0.15	0.10	0.20
2013-10-09	0.15	0.21	0.14	0.09	0.19
2013-10-08	0.14	0.19	0.13	0.09	0.18
2013-10-07	0.15	0.20	0.14	0.09	0.19
2013-10-06	0.15	0.21	0.14	0.09	0.20
2013-10-05	0.10	0.15	0.10	0.07	0.13
2013-10-04	0.21	0.30	0.19	0.13	0.29
2013-10-03	0.20	0.28	0.19	0.12	0.27
2013-10-02	0.16	0.22	0.15	0.10	0.21
2013-10-01	0.18	0.23	0.16	0.11	0.22
2013-09-30	0.15	0.20	0.14	0.10	0.19

Date	Reference ET, Short [in]	Reference ET, Tall [in]	Cool Season Grass ET [in]	Warm Season Grass ET [in]	Pan Evaporation [in]
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
2013-12-06	0.02	0.03	0.02	0.01	0.03
2013-12-05	0.04	0.06	0.04	0.03	0.06
2013-12-04	0.07	0.10	0.06	0.04	0.08
2013-12-03	0.05	0.06	0.04	0.03	0.06
2013-12-02	0.03	0.04	0.03	0.02	0.04
2013-12-01	0.04	0.06	0.04	0.03	0.05
2013-11-30	0.07	0.10	0.06	0.04	0.08
2013-11-29	0.06	0.09	0.06	0.04	0.08
2013-11-28	0.06	0.08	0.05	0.03	0.07
2013-11-27	0.06	0.10	0.06	0.04	0.09
2013-11-26	0.08	0.13	0.08	0.05	0.11
2013-11-25	0.01	0.02	0.01	0.01	0.02
2013-11-24	0.04	0.06	0.04	0.02	0.05
2013-11-23	0.05	0.07	0.04	0.03	0.07

JANUARY	AMOUNT	COMMENTS	MONTH	YTD 2013	2012
1-Jan					
2-Jan					
3-Jan					
4-Jan					
5-Jan					
6-Jan					
7-Jan					
8-Jan					
9-Jan	0.5				
10-Jan	0.7				
11-Jan					
12-Jan					
13-Jan	0.2				
14-Jan					
15-Jan					
16-Jan					
17-Jan					
18-Jan					
19-Jan					
20-Jan					
21-Jan					
22-Jan	0.3				
23-Jan					
24-Jan					
25-Jan					
26-Jan					
27-Jan					
28-Jan					
29-Jan	1				
30-Jan					
31-Jan					

2013
Rain Fall

FEBRUARY	AMOUNT	COMMENTS	MONTH	YTD 2013	2012
1-Feb			2.7	2.7	4.4
2-Feb					
3-Feb					
4-Feb					
5-Feb					
6-Feb	0.2				
7-Feb					
8-Feb					
9-Feb	0.5				
10-Feb					
11-Feb					
12-Feb	0.9				
13-Feb					
14-Feb					
15-Feb					
16-Feb					
17-Feb					
18-Feb					
19-Feb	1.3				
20-Feb					
21-Feb					
22-Feb					
23-Feb					
24-Feb					
25-Feb	0.5				
26-Feb					
27-Feb					
28-Feb					
29-Feb					

3.4 6.1 6.3

AMOUNT	COMMENTS	MONTH	YTD 2013	2012
MARCH				
1-Mar				
2-Mar				
3-Mar				
4-Mar				
5-Mar				
6-Mar				
7-Mar				
8-Mar				
9-Mar	0.8			
10-Mar				
11-Mar				
12-Mar				
13-Mar				
14-Mar				
15-Mar				
16-Mar				
17-Mar				
18-Mar				
19-Mar				
20-Mar				
21-Mar				
22-Mar	0.5			
23-Mar	0.2			
24-Mar				
25-Mar				
26-Mar				
27-Mar				
28-Mar				
29-Mar				
30-Mar				
31-Mar				
		1.5	7.6	12.5

AMOUNT	COMMENTS	MONTH	YTD 2013	2012
APRIL				
1-Apr				
2-Apr	0.7			
3-Apr	0.5			
4-Apr				
5-Apr				
6-Apr				
7-Apr				
8-Apr				
9-Apr				
10-Apr	0.6			
11-Apr				
12-Apr				
13-Apr				
14-Apr				
15-Apr				
16-Apr				
17-Apr				
18-Apr	0.3			
19-Apr				
20-Apr				
21-Apr				
22-Apr	drizzle			
23-Apr				
24-Apr				
25-Apr				
26-Apr				
27-Apr				
28-Apr				
29-Apr				
30-Apr				
		2.1	9.7	14.9

AMOUNT	COMMENTS	MONTH	YTD 2013	2012
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				
13-May				
14-May				
15-May	2.5			
16-May				
17-May				
18-May				
19-May				
20-May				
21-May				
22-May				
23-May				
24-May				
25-May				
26-May	5.7			
27-May	0.6			
28-May				
29-May				
30-May	1			
31-May				
		9.8	19.5	16.7

AMOUNT	COMMENTS	MONTH	YTD 2013	2012
JUNE				
1-Jun	1.5			
2-Jun				
3-Jun				
4-Jun	1			
5-Jun	0.4			
6-Jun	1.2			
7-Jun				
8-Jun				
9-Jun				
10-Jun				
11-Jun				
12-Jun				
13-Jun				
14-Jun				
15-Jun				
16-Jun				
17-Jun	1.1			
18-Jun				
19-Jun				
20-Jun				
21-Jun				
22-Jun				
23-Jun				
24-Jun				
25-Jun				
26-Jun				
27-Jun				
28-Jun				
29-Jun				
30-Jun				
		5.2	24.7	18.4

JULY	AMOUNT	COMMENTS	MONTH	YTD-2013	2012
1-Jul					
2-Jul					
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	1.7				
16-Jul	0.2				
17-Jul	0.3				
18-Jul					
19-Jul					
20-Jul					
21-Jul					
22-Jul					
23-Jul					
24-Jul	1				
25-Jul					
26-Jul	2.1				
27-Jul					
28-Jul					
29-Jul					
30-Jul					
31-Jul					
			5.3	30	19.1

AUGUST	AMOUNT	COMMENTS	MONTH	YTD-2013	2012
1-Aug					
2-Aug					
3-Aug					
4-Aug					
5-Aug					
6-Aug					
7-Aug					
8-Aug					
9-Aug	1				
10-Aug					
11-Aug					
12-Aug					
13-Aug	0.6				
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					
			1.6	31.6	20.2

AMOUNT	COMMENTS	MONTH	YTD 2013	2012
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				
19-Sep				
20-Sep	0.2			
21-Sep				
22-Sep				
23-Sep				
24-Sep				
25-Sep				
26-Sep				
27-Sep				
28-Sep	0.6			
29-Sep				
30-Sep				
		0.8	32.4	21.5

AMOUNT	COMMENTS	MONTH	YTD 2013	2012
OCTOBER				
1-Oct				
2-Oct				
3-Oct				
4-Oct				
5-Oct	1			
6-Oct				
7-Oct				
8-Oct				
9-Oct				
10-Oct				
11-Oct				
12-Oct				
13-Oct	0.4			
14-Oct	1.8			
15-Oct	0.65			
16-Oct				
17-Oct				
18-Oct				
19-Oct				
20-Oct				
21-Oct				
22-Oct				
23-Oct				
24-Oct				
25-Oct				
26-Oct	0.7			
27-Oct				
28-Oct				
29-Oct				
30-Oct	0.4			
31-Oct				
		4.95	37.35	24.1

AMOUNT	COMMENTS	MONTH	YTD 2013	2012
NOVEMBER				
1-Nov				
2-Nov				
3-Nov				
4-Nov				
5-Nov	0.9			
6-Nov	1.2			
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	0.3			
23-Nov				
24-Nov				
25-Nov				
26-Nov				
27-Nov				
28-Nov				
29-Nov				
30-Nov				
		2.4	39.75	24.8

AMOUNT	COMMENTS	MONTH	YTD 2013	2012
DECEMBER				
1-Dec				
2-Dec				
3-Dec				
4-Dec				
5-Dec				
6-Dec	Snow and Ice Freezing temps			
7-Dec	Snow and Ice Freezing temps			
8-Dec	Snow and Ice Freezing temps			
9-Dec	Snow and Ice Freezing temps			
10-Dec	Snow and Ice Freezing temps			
11-Dec	0.5 Snow and Ice Freezing temps			
12-Dec				
13-Dec				
14-Dec				
15-Dec				
16-Dec	0.3			
17-Dec				
18-Dec				
19-Dec				
20-Dec				
21-Dec	3			
22-Dec				
23-Dec				
24-Dec				
25-Dec				
26-Dec				
27-Dec				
28-Dec				
29-Dec				
30-Dec				
31-Dec				
		3.8	43.55	26.25

**MILL CREEK DOLOMITE, LLC
PIT WATER MONITORING DATA**

SUMP DATA:

SUMP A: 12,925 Ft²

SUMP B: 8,307 Ft²

SETTLING POND DATA:

SETTLING POND A: 30,000 Ft² (F-02, MAP 3 – SSWMCP)

SETTLING POND B: 35,000 Ft² (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>
October	17,629	3.0
November	11,154	2.0
<u>December</u>	<u>15,051</u>	<u>2.5</u>
Total	43,834	

Calculations for gallons of water shipped to the Plant:

17,629 x 0.030 = 528.87 tons or 1,057,740 lbs

11,154 x 0.020 = 223.08 tons or 446,160 lbs

15,051 x 0.025 = 376.28 tons or 752,550 lbs

Total lbs = 2,256,450 lbs

Gallons = 2,256,450 lbs x 1 gal/8.3 lbs = 271,861 gallons of water

Misc. Water Data:

List of Equivalent:

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)