

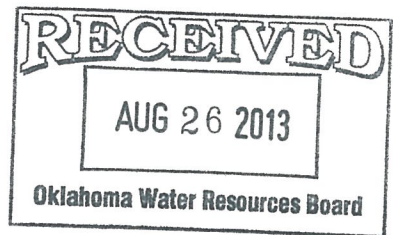
MILL CREEK DOLOMITE, LLC

9915 West Amos Conley Road

Mill Creek, Oklahoma 74856

Phone: (580) 384-5271

Fax: (580) 384-5747



8/9/2013

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, 2nd 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 second 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, consisting of a large, stylized 'J' followed by a series of loops and a long horizontal stroke.

Jose Ontiveros

Engineering Manager
Mill Creek Dolomite, LLC

Attachment: Quarterly Report, 2nd Quarter 2013.

CONSUMPTIVE USE REPORT
2ND QUARTER, 2013
MILL CREEK DOLOMITE, LLC
MILL CREEK MINE & MILL

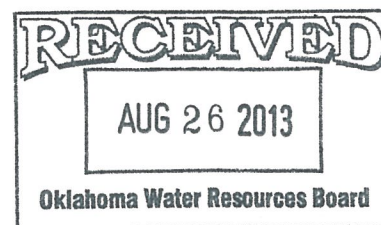


TABLE 1: Estimated Consumptive Use of Pit Water

PIT GROUNDWATER VOLUME		VALUES
1	Total volume of water pumped from the producing mine pit(s)	21,493,929
2	Volume of precipitation that falls onto the surface of water in the producing mining pits(s)	226,342
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	226,342
6	Pit Ground Water Volume (Line 1 minus Line 5)	21,267,587
DEFINED ELEMENTS OF CONSUMPTIVE USE		
7	Volume of pit groundwater that is driven off (by drying) the mined material transported off the mine site	347,972
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)	819,978
10	Volume of pit groundwater that is used for other beneficial uses off the mine site	388,744
11	Defined Elements of Consumptive Use of Pit Groundwater (Add Lines 7 through 10)	1,556,694
PIT GROUNDWATER BALANCE		
12	Line 6 minus Line 11	19,710,893
13	Groundwater Augmentation: Volume of pit groundwater returned to the groundwater basin or subbasin, pursuant to a Management Plan	CREDITS 0
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 of holding pond used for augmentation	
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)	19,710,893
TOTAL REPORTED CONSUMPTIVE USE OF OF PIT		
20	Total Net Reported Consumptive Use: (Line 11 plus Line 19)	21,267,587

MILL CREEK DOLOMITE, LLC

PUMP B (GPM)

		PU-19			PU-18		PIT WATER PUMPED			PIT RAIN WATER					
		Meter Reading	HRS. RAN		Meter Reading	HRS. RAN	QA GPD	QB GPD	Grand Total	RAIN FALL	VOLUME QA	GALLONS QA	VOLUME QB	GALLONS QB	TOTAL GALLONS
DATE	WK														
12/31/12	1	4180.0	31.0	10098	7.0		30857	0	30857		0	0	0	0	0
1/7/13	2	4192.0	12.0	10098	0.0		25714	37714	63429	1.4	1508	11281	969	7250	18531
1/14/13	3	4202	10.0	10120	22.0		30857	102857	133714	0	0	0	0	0	0
1/21/13	4	4214	12.0	10180	60.0		33429	42857	76286	1.3	1400	10475	900	6732	17207
1/28/13	5	4227	13.0	10205	25.0		936643	1421571	2358214	2.7	2908	21756	1869	13983	35738
Monthly Totals			47.0	10215	107.0		59143	17143	76286	0	0	0	0	0	0
2/4/13	6	4250	23.0	10215	10.0		56571	63429	120000	0.7	754	5640	485	3625	9265
2/11/13	7	4272	22.0	10252	37.0		33429	221143	254571	0.9	969	7252	623	4661	11913
2/18/13	8	4285	13.0	10381	129.0		10440	101143	134571	1.8	1939	14504	1246	9322	23825
2/25/13	9	4298	13.0	10440	59.0		1278000	2820000	4098000	3.4	3662	27396	2354	17608	45004
Monthly Totals			71.0	10440	235.0		97714	0	97714	0	0	0	0	0	0
3/4/13	10	4336	38.0	10440	0.0		118286	0	118286	0.8	862	6446	554	4143	10589
3/11/13	11	4382	46.0	10440	0.0		66857	3429	70286	0	0	0	0	0	0
3/18/13	12	4408	26.0	10442	2.0		77143	0	77143	0.7	754	5640	485	3625	9265
3/25/13	13	4438	30.0	10442	0.0		2790000	26571	2816571	1.5	1616	12086	1038	7768	19855
Monthly Totals			140.0	10442	2.0		5004643	4268143	9272786	7.6	8185.83	61238.22	5261.10	39358.29	100597.7
4/1/13	14	4456	18.0	10442	0.0		46286	0	46286	0	0	0	0	0	0
4/8/13	15	4470	14.0	10472	30.0		36000	51429	87429	1.2	1293	9669	831	6214	15884
4/15/13	16	4495	25.0	10584	112.0		64286	192000	256286	0.6	646	4835	415	3107	7942
4/22/13	17	4512	17.0	10600	16.0		43714	27429	71143	0.3	323	2417	208	1554	3971
4/29/13	18	4538	26.0	10645	45.0		66857	77142.86	144000	0	0	0	0	0	0
Monthly Totals			100.0	10645	203.0		1542857	2610000	4152857	2.1	2262	16921	1454	10875	27796
5/6/13	19	4549	11.0	10656	11.0		28286	18857	47143	0	0	0	0	0	0
5/13/13	20	4590	41.0	10670	14.0		105429	24000	129429	0	0	0	0	0	0
5/20/13	21	4640	50.0	10700	30.0		128571	51429	180000	2.5	2693	20144	1731	12947	33091
5/27/13	22	4840	200.0	10819	119.0		514286	204000	718286	6.3	6786	50763	4361	32626	83389
Monthly Totals			302.0	10819	174.0		6018429	2311714	8330143	8.8	9478	70907	6092	45573	116480
6/3/13	23	4888	48.0	10850	31.0		123429	53143	176571	2.5	2693	20144	1731	12947	33091
6/10/13	24	4965	77.0	10957	107.0		198000	183429	381429	2.6	2800	20950	1800	13465	34415
6/17/13	25	50	50.0	11082	125.0		128571	214286	342857	1.1	1185	8863	761	5697	14560
6/24/13	26	76.9	26.9	11217	135.0		69171	231429	300600	0	0	0	0	0	0
Monthly Totals			201.9	11217	398.0		3893786	5117143	9010929	6.2	6678	49957	4292	32108	82066
2nd QUARTER TOTALS			603.9		775.0		11455071	1E+07	21493929	17.1	18418	137786	11837	88556	226342
7/1/13	27		-76.9		-11217.0										
7/8/13	28		0.0		0.0										
7/15/13	29		0.0		0.0										
7/22/13	30		0.0		0.0										
7/29/13	31		0.0		0.0										

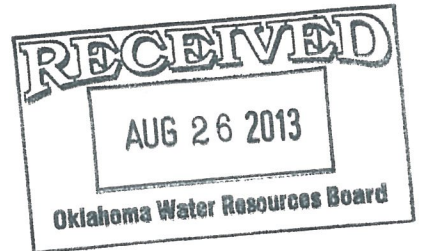
PIT WATER MONITORING DATA

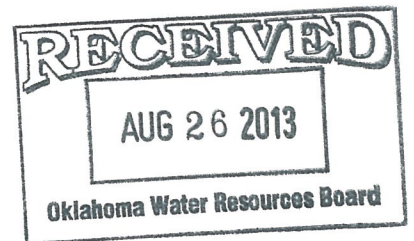
MILL CREEK DOLOMITE, LLC

EVAPORATION

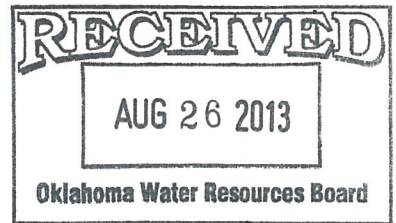
Sump A (ft³) 12,925 Sump B (ft³) 8,307
 Settling A (ft³) 30,000 Settling B (ft³) 35,000

APRIL, 2013												
Date	Pan Evaporation (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)	
04/01/13	0.22	0.154	165.87	1240.88	106.61	797.52	385.00	2880.19	449.17	3360.22	8278.80	
04/02/13	0.06	0.042	45.24	338.42	29.07	217.51	105.00	785.51	122.50	916.42	2257.86	
04/03/13	0.05	0.035	37.70	282.02	24.23	181.26	87.50	654.59	102.08	763.69	1881.55	
04/04/13	0.09	0.063	67.86	507.63	43.61	326.26	157.50	1178.26	183.75	1374.63	3386.78	
04/05/13	0.17	0.119	128.17	988.86	82.38	616.27	297.50	2225.60	347.08	2596.53	6397.26	
04/06/13	0.27	0.189	203.57	1522.90	130.84	978.78	472.50	3534.77	551.25	4123.90	10160.35	
04/07/13	0.10	0.070	75.40	564.04	48.46	362.51	175.00	1309.18	204.17	1527.37	3763.09	
04/08/13	0.20	0.140	150.79	1128.07	96.92	725.02	350.00	2618.35	408.33	3054.74	7526.19	
04/09/13	0.16	0.112	120.63	902.46	77.53	580.02	280.00	2094.68	326.67	2443.79	6020.95	
04/10/13	0.11	0.077	82.94	620.44	53.30	398.76	192.50	1440.09	224.58	1680.11	4139.40	
04/11/13	0.18	0.126	135.71	1015.27	87.22	652.52	315.00	2356.52	367.50	2749.27	6773.57	
04/12/13	0.19	0.133	143.25	1071.67	92.07	688.77	332.50	2487.43	387.92	2902.00	7149.88	
04/13/13	0.25	0.175	188.49	1410.09	121.14	906.28	437.50	3272.94	510.42	3818.43	9407.73	
04/14/13	0.27	0.189	203.57	1522.90	130.84	978.78	472.50	3534.77	551.25	4123.90	10160.35	
04/15/13	0.26	0.182	196.03	1466.49	125.99	942.53	455.00	3403.86	530.83	3971.16	9784.04	
04/16/13	0.20	0.140	150.79	1128.07	96.92	725.02	350.00	2618.35	408.33	3054.74	7526.19	
04/17/13	0.25	0.175	188.49	1410.09	121.14	906.28	437.50	3272.94	510.42	3818.43	9407.73	
04/18/13	0.29	0.203	218.65	1635.71	140.53	1051.28	507.50	3796.61	592.08	4429.38	10912.97	
04/19/13	0.21	0.147	158.33	1184.48	101.76	761.27	367.50	2749.27	428.75	3207.48	7902.49	
04/20/13	0.28	0.196	211.11	1579.30	135.68	1015.03	490.00	3665.69	571.67	4276.64	10536.66	
04/21/13	0.24	0.168	180.95	1353.69	116.30	870.03	420.00	3142.02	490.00	3665.69	9031.42	
04/22/13	0.25	0.175	188.49	1410.09	121.14	906.28	437.50	3272.94	510.42	3818.43	9407.73	
04/23/13	0.13	0.091	98.01	733.25	62.99	471.26	227.50	1701.93	265.42	1985.58	4892.02	
04/24/13	0.21	0.147	158.33	1184.48	101.76	761.27	367.50	2749.27	428.75	3207.48	7902.49	
04/25/13	0.21	0.147	158.33	1184.48	101.76	761.27	367.50	2749.27	428.75	3207.48	7902.49	
04/26/13	0.15	0.105	113.09	846.05	72.69	543.77	262.50	1963.76	306.25	2291.06	5644.64	
04/27/13	0.15	0.105	113.09	846.05	72.69	543.77	262.50	1963.76	306.25	2291.06	5644.64	
04/28/13	0.22	0.154	165.87	1240.88	106.61	797.52	385.00	2880.19	449.17	3360.22	8278.80	
04/29/13	0.29	0.203	218.65	1635.71	140.53	1051.28	507.50	3796.61	592.08	4429.38	10912.97	
04/30/13	0.27	0.189	203.57	1522.90	130.84	978.78	472.50	3534.77	551.25	4123.90	10160.35	
Monthly Totals			4470.97	33447.35	2873.53	21496.88	10377.50	77634.08	12107.08	90573.09	223151.39	





MAY, 2013											
	Pan Evaporatio n (in)	Corrected Evaporation Rate (in)	Sump A Evaporation Volume (Ft³)	Sump A Evaporation (Gallons)	Sump B Evaporation Volume (Ft³)	Sump B Evaporation (Gallons)	Settling A Evaporation Volume (Ft³)	Settling A Evaporation (Gallons)	Settling B Evaporation Volume (Ft³)	Settling B Evaporation (Gallons)	Total Evaporation (Gallons)
	Date										
	05/01/13	0.24	180.95	1353.69	116.30	870.03	420.00	3142.02	490.00	3665.69	9031.42
	05/02/13	0.17	128.17	958.86	82.38	616.27	297.50	2225.60	347.08	2596.53	6397.26
	05/03/13	0.24	180.95	1353.69	116.30	870.03	420.00	3142.02	490.00	3665.69	9031.42
	05/04/13	0.20	150.79	1128.07	96.92	725.02	350.00	2618.35	408.33	3054.74	7526.19
	05/05/13	0.15	113.09	846.05	72.69	543.77	262.50	1963.76	306.25	2291.06	5644.64
	05/06/13	0.21	158.33	1184.48	101.76	761.27	367.50	2749.27	428.75	3207.48	7902.49
	05/07/13	0.24	180.95	1353.69	116.30	870.03	420.00	3142.02	490.00	3665.69	9031.42
	05/08/13	0.36	271.43	2030.53	174.45	1305.04	630.00	4713.03	735.00	5498.54	13547.13
	05/09/13	0.09	67.86	507.63	43.61	326.26	157.50	1178.26	183.75	1374.63	3386.78
	05/10/13	0.22	165.87	1240.88	106.61	797.52	385.00	2880.19	449.17	3360.22	8278.80
	05/11/13	0.27	203.57	1522.90	130.84	978.78	472.50	3534.77	551.25	4123.90	10160.35
	05/12/13	0.29	218.65	1635.71	140.53	1051.28	507.50	3796.61	592.08	4429.38	10912.97
	05/13/13	0.41	309.12	2312.55	198.68	1486.29	717.50	5367.62	837.08	6262.22	15428.68
	05/14/13	0.46	346.82	2594.57	222.90	1667.55	805.00	6022.21	939.17	7025.91	17310.23
	05/15/13	0.15	113.09	846.05	72.69	543.77	262.50	1963.76	306.25	2291.06	5644.64
	05/16/13	0.06	45.24	338.42	29.07	217.51	105.00	785.51	122.50	916.42	2257.86
	05/17/13	0.14	105.55	789.65	67.84	507.51	245.00	1832.85	285.83	2138.32	5268.33
	05/18/13	0.30	226.19	1692.11	145.37	1087.53	525.00	3927.53	612.50	4582.11	11289.28
	05/19/13	0.33	248.81	1861.32	159.91	1196.28	577.50	4320.28	673.75	5040.32	12418.21
	05/20/13	0.24	180.95	1353.69	116.30	870.03	420.00	3142.02	490.00	3665.69	9031.42
	05/21/13	0.04	30.16	225.61	19.38	145.00	70.00	523.67	81.67	610.95	1505.24
	05/22/13	0.24	180.95	1353.69	116.30	870.03	420.00	3142.02	490.00	3665.69	9031.42
	05/23/13	0.23	173.41	1297.28	111.45	833.77	402.50	3011.10	469.58	3512.95	8655.11
	05/24/13	0.20	150.79	1128.07	96.92	725.02	350.00	2618.35	408.33	3054.74	7526.19
	05/25/13	0.17	128.17	958.86	82.38	616.27	297.50	2225.60	347.08	2596.53	6397.26
	05/26/13	0.21	158.33	1184.48	101.76	761.27	367.50	2749.27	428.75	3207.48	7902.49
	05/27/13	0.21	158.33	1184.48	101.76	761.27	367.50	2749.27	428.75	3207.48	7902.49
	05/28/13	0.28	211.11	1579.30	135.68	1015.03	490.00	3665.69	571.67	4276.64	10536.66
	05/29/13	0.10	75.40	564.04	48.46	362.51	175.00	1309.18	204.17	1527.37	3763.09
	05/30/13	0.18	135.71	1015.27	87.22	652.52	315.00	2356.52	367.50	2749.27	6773.57
	05/31/13	0.35	263.89	1974.13	169.60	1268.79	612.50	4582.11	714.58	5345.80	13170.82
Monthly Totals			5262.63	39369.73	3382.33	25303.24	12215.00	91380.42	14250.83	106610.48	262663.86



JUNE, 2013											
Date	Pan Evaporation 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)
6/1/2013	0.23	0.16	173.41	1297.28	111.45	833.77	402.50	3011.10	469.58	3512.95	8655.11
6/2/2013	0.29	0.20	218.65	1635.71	140.53	1051.28	507.50	3796.61	592.08	4429.38	10912.97
6/3/2013	0.25	0.18	188.49	1410.09	121.14	906.28	437.50	3272.94	510.42	3818.43	9407.73
6/4/2013	0.25	0.18	188.49	1410.09	121.14	906.28	437.50	3272.94	510.42	3818.43	9407.73
6/5/2013	0.24	0.17	180.95	1353.69	116.30	870.03	420.00	3142.02	490.00	3665.69	9031.42
6/6/2013	0.14	0.10	105.55	799.65	67.84	507.51	245.00	1832.85	285.83	2138.32	5268.33
6/7/2013	0.26	0.18	196.03	1466.49	125.99	942.53	455.00	3403.86	530.83	3971.16	9784.04
6/8/2013	0.28	0.20	211.11	1579.30	135.68	1015.03	490.00	3665.69	571.67	4276.64	10536.66
6/9/2013	0.27	0.19	203.57	1522.90	130.84	978.78	472.50	3534.77	551.25	4123.90	10160.35
6/10/2013	0.33	0.23	248.81	1861.32	159.91	1196.28	577.50	4320.28	673.75	5040.32	12418.21
6/11/2013	0.34	0.24	256.35	1917.72	164.76	1232.54	595.00	4451.20	694.17	5193.06	12794.51
6/12/2013	0.35	0.25	263.89	1974.13	169.60	1268.79	612.50	4582.11	714.58	5345.80	13170.82
6/13/2013	0.30	0.21	226.19	1692.11	145.37	1087.53	525.00	3927.53	612.50	4582.11	11289.28
6/14/2013	0.26	0.18	196.03	1466.49	125.99	942.53	455.00	3403.86	530.83	3971.16	9784.04
6/15/2013	0.20	0.14	150.79	1128.07	96.92	725.02	350.00	2618.35	408.33	3054.74	7526.19
6/16/2013	0.27	0.19	203.57	1522.90	130.84	978.78	472.50	3534.77	551.25	4123.90	10160.35
6/17/2013	0.23	0.16	173.41	1297.28	111.45	833.77	402.50	3011.10	489.58	3512.95	8655.11
6/18/2013	0.24	0.17	180.95	1353.69	116.30	870.03	420.00	3142.02	490.00	3665.69	9031.42
6/19/2013	0.18	0.13	135.71	1015.27	87.22	652.52	315.00	2356.52	367.50	2749.27	6773.57
6/20/2013	0.32	0.22	241.27	1804.92	155.06	1160.03	560.00	4189.36	653.33	4887.59	12041.90
6/21/2013	0.36	0.25	271.43	2030.53	174.45	1305.04	630.00	4713.03	735.00	5498.54	13547.13
6/22/2013	0.36	0.25	271.43	2030.53	174.45	1305.04	630.00	4713.03	735.00	5498.54	13547.13
6/23/2013	0.38	0.27	286.50	2143.34	184.14	1377.54	665.00	4974.87	775.83	5804.01	14299.75
6/24/2013	0.37	0.26	278.96	2086.93	179.29	1341.29	647.50	4843.95	755.42	5651.27	13923.44
6/25/2013	0.39	0.27	294.04	2199.74	188.98	1413.79	682.50	5105.78	796.25	5956.75	14676.06
6/26/2013	0.39	0.27	294.04	2199.74	188.98	1413.79	682.50	5105.78	796.25	5956.75	14676.06
6/27/2013	0.33	0.23	248.81	1861.32	159.91	1196.28	577.50	4320.28	673.75	5040.32	12418.21
6/28/2013	0.35	0.25	263.89	1974.13	169.60	1268.79	612.50	4582.11	714.58	5345.80	13170.82
6/29/2013	0.36	0.25	271.43	2030.53	174.45	1305.04	630.00	4713.03	735.00	5498.54	13547.13
6/30/2013	0.36	0.25	271.43	2030.53	174.45	1305.04	630.00	4713.03	735.00	5498.54	13547.13
Monthly Totals			6695.15	50086.42	4303.03	32190.94	15540.00	116254.74	18130.00	135630.53	334162.62
Quarterly Total			16429	122903	10559	78991	38133	285269	44488	332814	819978

2013-04-19	0.16	0.21	0.15	0.10	0.21
2013-04-18	0.20	0.31	0.19	0.13	0.29
2013-04-17	0.18	0.25	0.16	0.11	0.25
2013-04-16	0.16	0.20	0.14	0.10	0.20
2013-04-15	0.20	0.26	0.18	0.12	0.26
2013-04-14	0.20	0.26	0.18	0.12	0.27
2013-04-13	0.18	0.26	0.17	0.11	0.25
2013-04-12	0.15	0.19	0.14	0.10	0.19
2013-04-11	0.14	0.18	0.13	0.09	0.18
2013-04-10	0.08	0.13	0.08	0.05	0.11
2013-04-09	0.11	0.16	0.11	0.07	0.16
2013-04-08	0.14	0.20	0.13	0.08	0.20
2013-04-07	0.07	0.10	0.07	0.05	0.10
2013-04-06	0.19	0.27	0.18	0.12	0.27
2013-04-05	0.13	0.17	0.12	0.08	0.17
2013-04-04	0.07	0.09	0.07	0.04	0.09
2013-04-03	0.04	0.06	0.04	0.03	0.05
2013-04-02	0.04	0.06	0.04	0.03	0.06
2013-04-01	0.17	0.22	0.16	0.11	0.22
2013-03-31	0.15	0.20	0.14	0.10	0.20
2013-03-30	0.12	0.15	0.11	0.07	0.15
2013-03-29	0.13	0.18	0.12	0.08	0.17
2013-03-28	0.15	0.21	0.14	0.09	0.20
2013-03-27	0.19	0.28	0.18	0.12	0.28
2013-03-26	0.11	0.13	0.10	0.07	0.14
2013-03-25	0.12	0.17	0.11	0.07	0.17
2013-03-24	0.12	0.17	0.11	0.07	0.18
2013-03-23	0.03	0.03	0.02	0.02	0.03
2013-03-22	0.03	0.04	0.03	0.02	0.04
2013-03-21	0.11	0.16	0.10	0.07	0.15
2013-03-20	0.14	0.18	0.13	0.08	0.18
2013-03-19	0.11	0.15	0.10	0.07	0.14
2013-03-18	0.13	0.18	0.12	0.08	0.17
2013-03-17	0.09	0.13	0.09	0.06	0.12
2013-03-16	0.21	0.29	0.19	0.13	0.29
2013-03-15	0.21	0.30	0.19	0.13	0.29

2013-05-25	0.14	0.17	0.13	0.09	0.17
2013-05-24	0.16	0.19	0.15	0.10	0.20
2013-05-23	0.18	0.23	0.17	0.11	0.23
2013-05-22	0.20	0.22	0.18	0.12	0.24
2013-05-21	0.04	0.04	0.03	0.02	0.04
2013-05-20	0.17	0.23	0.16	0.11	0.24
2013-05-19	0.23	0.31	0.22	0.15	0.33
2013-05-18	0.23	0.28	0.21	0.14	0.30
2013-05-17	0.11	0.14	0.10	0.07	0.14
2013-05-16	0.05	0.06	0.05	0.03	0.06
2013-05-15	0.11	0.16	0.11	0.07	0.15
2013-05-14	0.31	0.44	0.29	0.19	0.46
2013-05-13	0.29	0.41	0.27	0.18	0.41
2013-05-12	0.21	0.28	0.20	0.13	0.29
2013-05-11	0.21	0.27	0.20	0.13	0.27
2013-05-10	0.17	0.21	0.16	0.11	0.22
2013-05-09	0.07	0.09	0.07	0.04	0.09
2013-05-08	0.26	0.35	0.24	0.16	0.36
2013-05-07	0.19	0.23	0.18	0.12	0.24
2013-05-06	0.17	0.20	0.16	0.11	0.21
2013-05-05	0.12	0.15	0.11	0.07	0.15
2013-05-04	0.15	0.21	0.14	0.09	0.20
2013-05-03	0.17	0.24	0.16	0.11	0.24
2013-05-02	0.12	0.18	0.11	0.07	0.17
2013-05-01	0.19	0.24	0.17	0.12	0.24
2013-04-30	0.21	0.26	0.19	0.13	0.27
2013-04-29	0.23	0.29	0.21	0.14	0.29
2013-04-28	0.18	0.21	0.17	0.11	0.22
2013-04-27	0.12	0.14	0.11	0.07	0.15
2013-04-26	0.11	0.16	0.10	0.07	0.15
2013-04-25	0.16	0.21	0.15	0.10	0.21
2013-04-24	0.16	0.21	0.15	0.10	0.21
2013-04-23	0.10	0.15	0.09	0.06	0.13
2013-04-22	0.18	0.24	0.17	0.11	0.25
2013-04-21	0.18	0.24	0.17	0.11	0.24
2013-04-20	0.20	0.27	0.18	0.12	0.28

2013-06-30	0.27	0.35	0.25	0.17	0.36
2013-06-29	0.27	0.35	0.25	0.17	0.36
2013-06-28	0.27	0.33	0.25	0.17	0.35
2013-06-27	0.26	0.31	0.24	0.16	0.33
2013-06-26	0.29	0.37	0.27	0.18	0.39
2013-06-25	0.28	0.37	0.26	0.17	0.39
2013-06-24	0.27	0.35	0.25	0.17	0.37
2013-06-23	0.28	0.36	0.26	0.17	0.38
2013-06-22	0.27	0.34	0.25	0.17	0.36
2013-06-21	0.27	0.34	0.25	0.17	0.36
2013-06-20	0.25	0.31	0.23	0.16	0.32
2013-06-19	0.15	0.18	0.14	0.09	0.18
2013-06-18	0.20	0.23	0.18	0.12	0.24
2013-06-17	0.19	0.22	0.18	0.12	0.23
2013-06-16	0.22	0.26	0.21	0.14	0.27
2013-06-15	0.16	0.20	0.15	0.10	0.20
2013-06-14	0.22	0.24	0.20	0.13	0.26
2013-06-13	0.24	0.28	0.23	0.15	0.30
2013-06-12	0.27	0.33	0.25	0.17	0.35
2013-06-11	0.26	0.32	0.24	0.16	0.34
2013-06-10	0.26	0.32	0.24	0.16	0.33
2013-06-09	0.22	0.25	0.21	0.14	0.27
2013-06-08	0.22	0.27	0.21	0.14	0.28
2013-06-07	0.21	0.25	0.20	0.13	0.26
2013-06-06	0.11	0.14	0.11	0.07	0.14
2013-06-05	0.19	0.23	0.18	0.12	0.24
2013-06-04	0.20	0.24	0.18	0.12	0.25
2013-06-03	0.20	0.24	0.19	0.12	0.25
2013-06-02	0.23	0.28	0.21	0.14	0.29
2013-06-01	0.18	0.23	0.17	0.11	0.23
2013-05-31	0.25	0.32	0.23	0.15	0.35
2013-05-30	0.14	0.18	0.13	0.09	0.18
2013-05-29	0.07	0.10	0.07	0.05	0.10
2013-05-28	0.20	0.27	0.18	0.12	0.28
2013-05-27	0.16	0.21	0.15	0.10	0.21
2013-05-26	0.16	0.20	0.15	0.10	0.21

2013					Water Truck Hours				
Date	Rainfall	Start	End	Miles					
Tuesday 1/1/2013		68423	68423.5	0.5					
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	0.5								
Thursday 1/10/2013	0.7								
Friday 1/11/2013									
Saturday 1/12/2013									
Sunday 1/13/2013	0.2								
Monday 1/14/2013									
Tuesday 1/15/2013									
Wednesday 1/16/2013									
Thursday 1/17/2013		68423.5	68476.1	52.6					
Friday 1/18/2013									
Saturday 1/19/2013									
Sunday 1/20/2013									
Monday 1/21/2013									
Tuesday 1/22/2013	0.3								
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	7.9	0.99				
Tuesday 1/29/2013	1.0								
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	0.2	68484	68490	6	1				
Thursday 2/7/2013									
Friday 2/8/2013									
Saturday 2/9/2013	0.5								
Sunday 2/10/2013									
Monday 2/11/2013									
Tuesday 2/12/2013	0.9								
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	1.3								
Wednesday 2/20/2013									
Thursday 2/21/2013		68490	68497	7	1				
Friday 2/22/2013									
Saturday 2/23/2013									

Water Truck				
Month	Loads	Gallons	Rainfall	
January	133	596812.5	2.7	0.06
February			3.4	
March			1.5	
April			0.0	
May			0.0	
June			0.0	
July			0.0	
August			0.0	
September			0.0	
October			0.0	
November			0.0	
December			0.0	
Total	133	596,813	7.6	

Water Right	Use	Permitted Gallons	Permitted Ac-Ft
19900552	695,442	39,427,971.00	121

Total Groundwater Usage	
January	44,318
February	7,313
March	166,444
April	70,117
May	186,472
June	220,778
July	0
August	0
September	0
October	0
November	0
December	0
Total	695,442

WELL	
Month	Gallons
January	10006
February	0
March	0
April	7624
May	23347
June	57653
July	0
August	0
September	0
October	0
November	0
December	0
Total	98629

Groundwater			
C.O.	Date	Hours	Gallons
	01/07/13	10615	1906
	01/14/13	10615	0
	01/21/13	10632	8100
	01/28/13	10632	0
	02/04/13	10632	0
	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
	05/13/13	10697	19535
	05/20/13	10697	0
	05/27/13	10697	0
	06/03/13	10697	0
	06/10/13	10710	6194
	06/17/13	10762	24776
	06/24/13	10818	26682
	07/01/13	10818	0
	07/08/13	0	-5154459
	07/15/13	0	0
	07/22/13	0	0
	07/29/13	0	0
	08/05/13	0	0
	08/12/13	0	0
	08/19/13	0	0
	08/26/13	0	0
	09/02/13	0	0
	09/09/13	0	0
	09/16/13	0	0
	09/23/13	0	0
	09/30/13	0	0
	10/07/13	0	0
	10/14/13	0	0
	10/21/13	0	0
	10/28/13	0	0
	11/04/13	0	0
	11/11/13	0	0
	11/18/13	0	0
	11/25/13	0	0
	12/02/13	0	0
	12/09/13	0	0
	12/16/13	0	0
	12/23/13	0	0
	12/30/13	0	0
	Total		-5055829

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		

MONTH

YTD

2012

2nd Q.

17.1 Total inches

2.1

9.7

14.9

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

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

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>
April	20,076	2.5
May	17,388	3.0
<u>June</u>	<u>17,108</u>	<u>2.5</u>
Total	54,572	

Calculations for gallons of water shipped to the Plant:

$37,184 \times 0.025 = 959.6$ tons or 1,859,200 lbs

$17,388 \times 0.030 = 521.6$ tons or 1,043,280 lbs

Total lbs = 2,902,480 lbs

Gallons = $2,902,480 \text{ lbs} \times 7.481 \text{ gal}/62.4\text{lbs} = 347,972$ 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)