

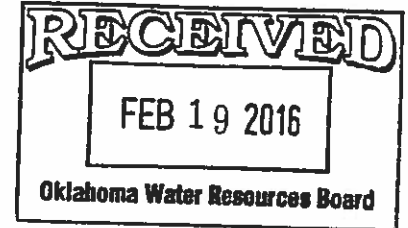


## MILL CREEK DOLOMITE, LLC.

9915 West Amos Conley Road  
P.O. Box 239  
Mill Creek, OK 74856  
(580)384-5271

02/17/16

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



Re: 2015 Annual Consumptive Use of Pit Water

Dear Mr. Wilkins;

As required under **Oklahoma Statute 82-1020.2 (E) (1)** and **Oklahoma Administrative Code 785:30-15**, Mill Creek Dolomite is respectfully submitting the water report for the calendar year 2015.

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

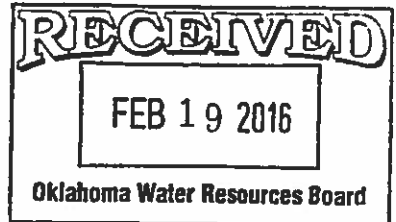
Sincerely,

Ken Baker  
Quality, Safety and Environmental Manager  
Mill Creek Dolomite, LLC  
mcreekdolokbaker@gmail.com

# CONSUMPTIVE USE REPORT

2015 Annual

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)	133,107,314
2	Volume of precipitation that falls onto the surface of water in the producing mining pit(s)	167,394,406
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	167,394,406
6	Pit Ground Water Volume (Line 1 minus Line 5)	-34,287,092
DEFINED ELEMENTS OF CONSUMPTIVE USE		
7	Volume of pit groundwater that is driven off (by drying) the mined material transported off the mine site	1,385,892
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)	9,312,481
10	Volume of pit water groundwater that is used for other beneficial uses off the mine site	684,870
11	Defined Elements of Consumptive Use of Pit Groundwater (Add Lines 7 through 10)	11,383,243
PIT GROUNDWATER BALANCE		
12	Line 6 minus Line 11	-45,670,335
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)	-45,670,335
TOTAL REPORTED CONSUMPTIVE USE OF PIT WATER		
20	Total Net Reported Consumptive Use: (Line 11 plus Line 19)	-34,287,092

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

SUMP SURFACE AREA DATA:															
SUMP A (sq ft)					SUMP B (sq ft)					1,051,207					
PUMP A (GPM)					PUMP B (GPM)					200 Field Check 10/2 true pump rate Is 50					
300					50										
PU-18 QA					PU-18 QB					GRAND TOTAL					
BATE	WK	Meter Reading	HRS. RAN	QA	HRS. RAN	QA GPD	QB GPD	QA GPD	QB GPD	Grand Total	RAIN FALL	VOLUME QA	GALLONS QA	VOLUME QB	TOTAL GALLONS
12/30/14	0	3343.0	0.0		928.0			48857	1714	50571					
1/5/15	1	3362	19.0		929			72000	0	72000	1.5	270418	2022995	131401	983010
1/12/15	2	3390	28.0		929			55571	123429	180000	0.0	0	0	0	0
1/19/15	3	3412	22.0		1001			61714	84000	145714	0.5	90139	674332	43800	327670
1/26/15	4	3436	24.0		1050			1853357	1620857	3474214	0.0	0	0	0	0
Monthly Totals											2.0	360557	2697327	175201	1310680
2/2/15	5	3468	32.0		1050			82286	0	82286	1.40	252390	1888129	122641	917476
2/9/15	6	3500	32.0		1059			82286	8571	90857	0.60	108167	809198	52560	393204
2/16/15	7	3530	30.0		1124			77143	118286	195429	0.5	90139	674332	43800	327670
2/23/15	8	3588	58.0		1124			149143	0	149143	0.0	0	0	0	0
Monthly Totals											2.50	450696	3371659	219001	1638350
3/2/15	9	3592	4.0		1124			10286	0	10286	0.7	126195	944064	61320	458738
3/9/15	10	3616	44.0		1315			113143	327429	440571	1.0	180279	1348663	87601	655340
3/16/15	11	3675	39.0		1315			100286	0	100286	0.7	126195	944064	61320	458738
3/23/15	12	3724	49.0		1360			126000	77143	203143	0.6	108167	809198	52560	393204
3/30/15	13	3718	49.0		1406			126000	78857	204857	1	126195	944064	61320	458738
Monthly Totals											3.7	667030	4990055	324122	2424758
1st QUARTER TOTALS											8.20	1478284	11059040	718325	5373788
4/6/15	14	3796	23.0		1437			59143	53143	112286	0.3	45070	337166	21900	163835
4/13/15	15	3827	31.0		1533			79714	164571	244286	0.0	5408	40460	2628	19660
4/20/15	16	3880	53.0		1591			136286	99429	235714	1.8	324501	2427594	157681	1179612
4/27/15	17	3915	35.0		1666			90000	128571	218571	2.3	414641	3101926	201481	1507282
Monthly Totals											4.38	789620	5907146	383691	2870389
5/4/15	18	4004	89.0		1791			228857	214286	443143	0.1	18028	134866	8760	65534
5/11/15	19	4052	48.0		1915			123429	212571	336000	10.7	1928980	14430699	937326	7012138
5/18/15	20	4052	55.3		2083			592456	288000	880456	2.7	486752	3641391	236522	1769418
5/25/15	21	4052	152.4		2251			1632853	288000	1920853	8.1	1460256	10924174	709565	5308254
6/1/15	22	4052	87.7		2441			939255	325714	1264969	4.5	811253	6068986	394203	2949030
Monthly Totals											26.10	3894016	29131131	1892173	14155343
6/8/15	23	4052	6.7		2582			72257	241714	313971	0.0	0	0	0	0
6/15/15	24	4052	51.7		2748			553923	284571	838494	2.5	450696	3371659	219001	1638350
															5010009

6/22/15	25	4052	197.4	291.4	156.0	2114519	284571	239090	10.6	1910952	14295833	928566	6946604	21242436
6/29/15	26	4052	6.7	3080	156.0	72257	284571	356828	0.0	0	0	0	0	0
Monthly Totals			262.5		639.0	21097165	8215714	29312879	13.1	2361648	17667491	1147568	8584954	26252445
2nd QUARTER TOTALS		836.9			1674.0	56,446,060	19,795,714	76,241,774	43.58	7045284	52705768	3423431	25610686	78,316,454
7/6/15	27	4062	104.7	3250	170.0	1122288	291429	1413716	5.5	982518	7350216	477423	3571603	10921819
7/13/15	28	4052	74.2	3418	168.0	794755	288000	1082755	3.8	676044	5057488	328502	2457525	7515013
7/20/15	29	4052	6.7	3536	170.0	72257	291429	363686	0.0	0	0	0	0	0
7/27/15	30	4059	17.0	3651	63.0	43714	108000	151714	0.0	0	0	0	0	0
Monthly Totals		202.7			571.0	10046190	7586143	17632333	9.20	1658562	12407704	805925	6029128	18436831
8/3/15	31	4106	37.0	3717	66.0	95143	113143	208286	0.0	0	0	0	0	0
8/10/15	32	4126	20.0	3782	65.0	51429	111429	162857	0.0	0	0	0	0	0
8/17/15	33	4147	21.0	3827	45.0	54000	77143	131143	0.0	0	0	0	0	0
8/24/15	34	4173	26.0	3895	68.0	66857	116571	183429	0.1	23436	175326	11388	85194	260520
8/31/15	35	4192	19.0	3944	49.0	48857	84000	132857	0.0	0	0	0	0	0
Monthly Totals		123.0			293.0	1960971	3114171	5075143	0.1	23436	175326	11388	85194	260520
9/1/15	36	4202	10.0	4014	70.0	25714	30000	55714	0.0	0	0	0	0	0
9/11/15	37	4224	22.0	4097	23.0	56571	9857	66429	1.6	288446	2157862	140161	1048544	3206405
9/18/15	38	4248	24.0	4148	111.0	61714	47571	109286	0.9	162251	1213797	78841	589806	1803603
9/25/15	39	4269.7	21.7	4237.6	89.6	55800	38400	94200	0.0	0	0	0	0	0
Monthly Totals		77.7			293.6	1498500	943714	2442214	2.50	450696	3371659	219001	1638350	5010009
3rd QUARTER TOTALS		403.4			1157.6	13,505,661	11,644,029	25,149,690	11.83	2132695	15954689	1036315	7752672	23,707,360
10/2/15	40	4287.5	17.8	4237.8	0.2	45771	86	45857	0.19	34253	256246	16644	124515	380761
10/9/15	41	4310.6	23.1	4341.5	103.7	59400	44443	103843	0.10	18028	134866	8760	65534	200400
10/16/15	42	4319.4	8.8	4379.6	38.1	22629	16329	38957	0.00	0	0	0	0	0
10/23/15	43	4386.7	66.3	4523.8	144.2	170486	61800	232286	5.53	996940	7458109	484431	3624030	11082139
Monthly Totals		116.0			286.2	2311714	950593	3262307	5.82	1049221	7849221	509835	3814079	11663300
10/30/15	44	4462.3	76.6	4679.3	155.5	196971	66643	263614	3.22	580497	4342696	282074	2110195	6452891
11/6/15	45	4478	15.7	4715	95.7	40371	41014	81386	0.89	160448	1200310	77965	583253	1783563
11/13/15	46	4521	43.0	4927	152.0	110571	65143	175714	0.37	66703	499005	32412	242476	741481
11/20/15	47	4565	44.0	5081	154.0	113143	66000	179143	1.17	210926	1577936	102493	766748	2344684
11/27/15	48	4682	117.0	5302	221.0	300857	94714	395571	7.14	1287188	9629457	625468	4679127	14308584
Monthly Totals		296.3			778.2	4571486	2584736	7156221	12.8	2305762	17249406	1120411	8381798	25631204
12/4/15	49	4787	105.0	5473	171.0	270000	73286	343286	0.05	9014	67433	4380	32767	100200
12/11/15	50	4809	22.0	5569	96.0	56571	41143	97714	0.65	117181	876631	56940	425971	1302602
12/18/15	51	4829	20.0	5654	85.0	51429	36429	87857	0.00	0	0	0	0	0
12/25/15	52	4922	93.0	5899	245.0	239143	105000	344143	5.11	921223	6891670	447639	3348787	10240457
Monthly Totals		240.0			597.0	4782857	1982893	6765750	5.81	1047418	7835735	508959	3807525	11643260
4th QUARTER TOTALS		652.3			1661.4	11,666,057	5,518,221	17,184,279	24.42	4402401	32934362	2139206	16003402	48,937,764

# PIT WATER MONITORING DATA MILL CREEK DOLOMITE, LLC

SUMP SURFACE AREA DATA:															
SUMP A (sq ft)				SUMP B (sq ft)				200 Field Check 10/2 true pump rate is 50 gpm				50			
PUMP A (GPM)				PUMP B (GPM)											
2,163,342				1,051,207											
300															
		PUMP A		PUMP B		PIT WATER PUMPED		PIT RAIN WATER							
DATE	WK	Meter Reading	HRS. RAN.	Meter Reading	HRS. RAN.	QA QPD	QB GPD	Grand Total	RAIN FALL	VOLUME QA	GALLONS QA	VOLUME QB	GALLONS QB	TOTAL GALLONS	
12/30/14	0	3343.0	0.0	928.0	7.0										
1/5/15	1	3362	19.0	929	1.0	48857	1714	50571	1.5	270418	2022995	131401	983010	3006005	
1/12/15	2	3390	28.0	929	0.0	72000	0	72000	0.0	0	0	0	0	0	
1/19/15	3	3412	22.0	1001	72.0	56571	123429	180000	0.5	90139	674332	43800	327670	1002002	
1/26/15	4	3436	24.0	1050	49.0	61714	84000	145714	0.0	0	0	0	0	0	
Monthly Totals			93.0		122.0	1853357	1620857	3474214	2.0	360557	2697327	175201	1310680	4008007	
2/2/15	5	3468	32.0	1050	0.0	82286	0	82286	1.40	252390	1888129	122641	917476	2805605	
2/9/15	6	3500	32.0	1055	5.0	82286	8571	90857	0.60	108167	809198	52560	393204	1202402	
2/16/15	7	3530	30.0	1124	69.0	77143	118286	195429	0.5	90139	674332	43800	327670	1002002	
2/23/15	8	3588	58.0	1134	0.0	149143	0	149143	0.0	0	0	0	0	0	
Monthly Totals			152.0		74.0	2736000	888000	3624000	2.50	450696	3371659	219001	1638350	5010009	
3/2/15	9	3592	4.0	1124	0.0	10286	0	10286	0.7	126195	944064	61320	458738	1402802	
3/9/15	10	3636	44.0	1115	191.0	113143	327429	440571	1.0	180279	1348663	87601	655340	2004003	
3/16/15	11	3675	39.0	1315	0.0	100286	0	100286	0.7	126195	944064	61320	458738	1402802	
3/23/15	12	3724	49.0	1360	45.0	126000	77143	203143	0.6	108167	809198	52560	393204	1202402	
3/30/15	13	3773	49.0	1406	46.0	126000	78857	204857	1	126195	944064	61320	458738	1402802	
Monthly Totals			185.0		282.0	3686786	3746571	7433357	3.7	667030	4990055	324122	2424758	7414813	
1st QUARTER TOTALS			490.0		478.0	8,276,143	6,255,429	14,531,571	8.20	1478284	11059040	718325	5373788	16,432,828	
4/6/15	14	3796	23.0	1417	31.0	59143	53143	112286	0.3	45070	337166	21900	163835	501001	
4/13/15	15	3827	31.0	1593	96.0	79714	164571	244286	0.0	5408	40460	2628	19660	60120	
4/20/15	16	3880	53.0	1591	58.0	136286	99429	235714	1.8	324501	2427594	157681	1179612	3607206	
4/27/15	17	3915	35.0	1666	75.0	90000	128571	218571	2.3	414641	3101926	201481	1507282	4609208	
Monthly Totals			142.0		260.0	2738571	3342857	6081429	4.38	789620	5907146	383691	2870389	877535	
5/4/15	18	4004	89.0	1791	125.0	228857	214286	443143	0.1	18028	134866	8760	65534	200400	
5/11/15	19	4052	48.0	1915	124.0	123429	212571	336000	10.7	1928980	14430699	937326	7012138	21442837	
5/18/15	20	4052	55.3	2083	168.0	592456	288000	880456	2.7	486752	3641391	236522	1769418	5410809	
5/25/15	21	4052	152.4	2251	168.0	1632853	288000	1920853	8.1	1460256	10924174	709565	5308254	16232428	
6/1/15	22	4052	87.7	2441	190.0	939255	325714	1264969	4.5	811253	6068986	394203	2949030	9018015	
Monthly Totals			432.4		775.0	32610324	8237143	40847466	26.10	3894016	29131131	1892173	14155343	43286474	
6/8/15	23	4052	6.7	2582	141.0	72257	241714	313971	-0.0	0	0	0	0	0	
6/15/15	24	4052	51.7	2748	166.0	553923	284571	838494	2.5	450696	3371659	219001	1638350	5010009	
6/22/15	25	4052	197.4	2914	166.0	2114519	284571	2399090	10.6	1910952	14295833	928566	6946604	21242436	
6/29/15	26	4052	6.7	3080	166.0	72257	284571	356828	0.0	0	0	0	0	0	
Monthly Totals			262.5		639.0	21097165	8215714	29312879	13.1	2361648	17667491	1147568	8584954	26252445	
2nd QUARTER TOTALS			836.9		1674.0	56,446,060	19,795,714	76,241,774	43.58	7045284	52705768	3423431	25610686	78,316,454	

7/6/15	27	4852	104.7	3250	170.0	1122288	291429	1413716	5.5	982518	7350216	477423	3571603	10921819
7/13/15	28	4052	74.2	3418	168.0	794755	288000	1082755	3.8	676044	5057488	328502	2457525	7515013
7/20/15	29	4052	6.7	3588	170.0	72257	291429	363686	0.0	0	0	0	0	0
7/27/15	30	4069	17.0	3651	63.0	43714	108000	151714	0.0	0	0	0	0	0
Monthly Totals		202.7												
8/3/15	31	4106	37.0	3712	571.0	10046190	7586143	17632333	9.20	1658562	12407704	805925	6029128	18438831
8/10/15	32	4126	20.0	3782	66.0	95143	113143	208286	0.0	0	0	0	0	0
8/17/15	33	4147	21.0	3827	65.0	51429	111429	162857	0.0	0	0	0	0	0
8/24/15	34	4173	26.0	3895	45.0	54000	77143	131143	0.0	0	0	0	0	0
8/31/15	35	4192	19.0	3944	68.0	66857	116571	183429	0.1	23436	175326	11388	85194	260520
Monthly Totals		123.0												
9/1/15	36	4202	10.0	4014	49.0	48857	84000	132857	0.0	0	0	0	0	0
9/11/15	37	4224	22.0	4037	293.0	1960971	3114171	5075143	0.1	23436	175326	11388	85194	260520
9/18/15	38	4248	24.0	4148	70.0	25714	30000	55714	0.0	0	0	0	0	0
9/25/15	39	4269	21.7	4236	23.0	56571	9857	66429	1.6	288446	2157862	140161	1048544	3206405
Monthly Totals		77.7												
3rd QUARTER TOTALS														
10/2/15	40	4287.5	17.8	4237.8	0.2	45771	86	45857	0.19	34253	256246	16644	124515	380761
10/9/15	41	4310.6	23.1	4341.5	103.7	59400	44443	103843	0.10	18028	134866	8760	65534	200400
10/16/15	42	4319.4	8.8	4379.6	38.1	22629	16329	38957	0.00	0	0	0	0	0
10/23/15	43	4385.7	66.3	4523.8	144.2	170486	61800	232286	5.53	996940	7458109	484431	3624030	11082139
Monthly Totals		116.0												
10/30/15	44	4462.3	76.6	4679.3	286.2	2311714	950593	3262307	5.82	1049221	7849221	509835	3814079	11663300
11/6/15	45	4478	15.7	4775	155.5	196971	66643	263614	3.22	580497	4342696	282074	2110195	6452891
11/13/15	46	4521	43.0	4927	95.7	40371	41014	81386	0.89	160448	1200310	77965	583253	1783563
11/20/15	47	4565	44.0	5081	152.0	110571	65143	175714	0.37	66703	499005	32412	242476	741481
11/27/15	48	4682	117.0	5302	154.0	113143	66000	179143	1.17	210926	1577936	102493	766748	2344684
Monthly Totals		296.3												
12/4/15	49	4787	105.0	5473	221.0	300857	94714	395571	7.14	1287188	9629457	625468	4679127	14308584
12/11/15	50	4809	22.0	5569	778.2	4571486	2584736	7156221	12.8	2305762	17249406	1120411	8381798	25631204
12/18/15	51	4829	20.0	5654	171.0	270000	73286	343286	0.05	9014	67433	4380	32767	100200
12/25/15	52	4922	93.0	5895	96.0	56571	41143	97714	0.65	117181	876631	56940	425971	1302602
Monthly Totals		240.0												
4th QUARTER TOTALS														
2015 TOTALS		652.3				11,666,057	5,518,221	17,184,279	24.42	4402401	32994362	2139206	16003402	48,937,764
		2,323				89,893,921	43,213,993	133,107,314	88	15,058,663	112,653,859	7,317,277	54,740,547	167,394,406

**MILL CREEK DOLOMITE, LLC  
PIT WATER MONITORING DATA  
2015**

**SUMP DATA:**

SUMP A: 2,163,342 Sq. Ft.

SUMP B: 1,051,207 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:**

Month	Tons	% Moisture
January	22,951	2.0
February	22,379	2.0
March	14,128	2.5
April	18,138	2.5
May	19,706	3.0
June	16,639	3.0
July	20,244	2.5
August	20,720	2.0
September	26,242	2.5
October	16,268	2.5
November	18,256	2.5
December	20,328	2.5
	<u>235,999</u>	

**Calculations for gallons of water shipped to plant:**

	Tons	Moisture	Tons H2O	Lbs H2O
January	22,951	0.020	459	918,040
February	22,379	0.020	448	895,160
March	14,128	0.025	353	706,400
April	18,138	0.025	453	906,900
May	19,706	0.030	591	1,182,360
June	16,639	0.030	499	998,340
July	20,244	0.025	506	1,012,200
August	20,720	0.020	414	828,800
September	26,242	0.025	656	1,312,100
October	16,268	X 0.025	= 407	813,400
November	18,256	X 0.025	= 456	912,800
December	20,328	X 0.025	= 508	1,016,400
				<u>11,502,900</u>

Total Lbs 11,502,900

Gallons 11,502,900 / 8.3 = 1,385,892 Gallons of water

**Misc. Water Data:**

**List of Equivalents:**

**Volume Units**

One Gallon Conversion factors

= 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 2015 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	36,925	0	22,951	19,585	15,191	11,574	1,180	15,226
February	0	0	22,379	18,828	15,620	12,364	1,987	14,966
March	35,201	0	14,128	16,663	16,868	12,603	421	16,412
April	0	0	18,138	22,048	20,534	12,490	285	16,683
May	28,884	0	19,706	19,706	20,824	11,834	0	14,956
June	26,476	0	16,639	16,200	16,154	8,568	496	12,263
July	30,881	0	20,244	20,524	23,455	13,114	584	16,977
August	14,560	0	20,720	20,244	20,055	12,358	1,107	17,297
September	12,652	0	26,242	23,862	23,420	13,422	1,499	18,632
October	44,022	0	16,268	18,652	18,984	12,431	514	14,330
November	0	0	18,256	17,948	19,738	10,294	225	12,347
December	29,490	0	20,328	20,552	22,915	13,187	464	14,233
Totals	259,091	0	235,999	234,812	233,758	144,239	8,762	184,322
1st quarter	72,126	0	59,458	55,076	47,679	36,541	3,588	46,604
2nd quarter	55,360	0	54,483	57,954	57,512	32,892	781	43,902
3rd quarter	58,093	0	67,206	64,630	66,930	38,894	3,190	52,906
4th quarter	73,512	0	54,852	57,152	61,637	35,912	1,203	40,911



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

Sump A (sq ft) 12,925      Sump B (sq ft) 262,802 (25% of pit area always has water)  
 Settling A (sq ft) 30,000      Settling B (sq ft) 35,000

January, 2015											
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)
1/1/2015	0.02	0.014	15.08	112.81	306.60	2293.69	35.00	261.84	40.83	305.47	2973.81
1/2/2015	0.02	0.014	15.08	112.81	306.60	2293.69	35.00	261.84	40.83	305.47	2973.81
1/3/2015	0.03	0.021	22.62	169.21	459.90	3440.54	52.50	392.75	61.25	458.21	4460.71
1/4/2015	0.06	0.042	45.24	338.42	919.81	6881.08	105.00	785.51	122.50	916.42	8921.43
1/5/2015	0.07	0.049	52.78	394.83	1073.11	8027.92	122.50	916.42	142.92	1069.16	10408.33
1/6/2015	0.08	0.056	60.32	451.23	1226.41	9174.77	140.00	1047.34	163.33	1221.90	11895.23
1/7/2015	0.09	0.063	67.86	507.63	1379.71	10321.61	157.50	1178.26	183.75	1374.63	13382.14
1/8/2015	0.07	0.049	52.78	394.83	1073.11	8027.92	122.50	916.42	142.92	1069.16	10408.33
1/9/2015	0.08	0.056	60.32	451.23	1226.41	9174.77	140.00	1047.34	163.33	1221.90	11895.23
1/10/2015	0.07	0.049	52.78	394.83	1073.11	8027.92	122.50	916.42	142.92	1069.16	10408.33
1/11/2015	0.02	0.014	15.08	112.81	306.60	2293.69	35.00	261.84	40.83	305.47	2973.81
1/12/2015	0.03	0.021	22.62	169.21	459.90	3440.54	52.50	392.75	61.25	458.21	4460.71
1/13/2015	0.05	0.035	37.70	282.02	766.51	5734.23	87.50	654.59	102.08	763.69	7434.52
1/14/2015	0.04	0.028	30.16	225.61	613.20	4587.38	70.00	523.67	81.67	610.95	5947.62
1/15/2015	0.08	0.056	60.32	451.23	1226.41	9174.77	140.00	1047.34	163.33	1221.90	11895.23
1/16/2015	0.10	0.07	75.40	564.04	1533.01	11468.46	175.00	1309.18	204.17	1527.37	14869.04
1/17/2015	0.15	0.105	113.09	846.05	2299.52	17202.69	262.50	1963.76	306.25	2291.06	22303.56
1/18/2015	0.19	0.133	143.25	1071.67	2912.72	21790.07	332.50	2487.43	387.92	2902.00	28251.18
1/19/2015	0.08	0.056	60.32	451.23	1226.41	9174.77	140.00	1047.34	163.33	1221.90	11895.23
1/20/2015	0.16	0.112	120.63	902.46	2452.82	18349.54	280.00	2094.68	326.67	2443.79	23790.47
1/21/2015	0.10	0.07	75.40	564.04	1533.01	11468.46	175.00	1309.18	204.17	1527.37	14869.04
1/22/2015	0.03	0.021	22.62	169.21	459.90	3440.54	52.50	392.75	61.25	458.21	4460.71
1/23/2015	0.07	0.049	52.78	394.83	1073.11	8027.92	122.50	916.42	142.92	1069.16	10408.33
1/24/2015	0.10	0.07	75.40	564.04	1533.01	11468.46	175.00	1309.18	204.17	1527.37	14869.04
1/25/2015	0.17	0.119	128.17	958.86	2606.12	19496.38	297.50	2225.60	347.08	2596.53	25277.37
1/26/2015	0.13	0.091	98.01	733.25	1992.92	14909.00	227.50	1701.93	265.42	1985.58	19329.76
1/27/2015	0.12	0.084	90.48	676.84	1839.61	13762.15	210.00	1571.01	245.00	1832.85	17842.85
1/28/2015	0.18	0.126	135.71	1015.27	2759.42	20643.23	315.00	2356.52	367.50	2749.27	26764.28
1/29/2015	0.17	0.119	128.17	958.86	2606.12	19496.38	297.50	2225.60	347.08	2596.53	25277.37
1/30/2015	0.10	0.07	75.40	564.04	1533.01	11468.46	175.00	1309.18	204.17	1527.37	14869.04
1/31/2015	0.07	0.049	52.78	394.83	1073.11	8027.92	122.50	916.42	142.92	1069.16	10408.33
Monthly Totals			2058.31	15398.19	41851.22	313088.97	4777.50	35740.48	5573.75	41697.22	403973.85

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Water Resources Board

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

Sump A (sq ft) 12,925 Sump B (sq ft) 262,802 (25% of pit area always has water)  
Settling A (sq ft) 30,000 Settling B (sq ft) 35,000

February, 2015												
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)	
2/1/2015	0.07	0.049	52.78	394.83	1073.11	8027.92	122.50	916.42	142.92	1069.16	10408.33	
2/2/2015	0.06	0.042	45.24	338.42	919.81	6881.08	105.00	785.51	122.50	916.42	8921.43	
2/3/2015	0.10	0.07	75.40	564.04	1533.01	11468.46	175.00	1309.18	204.17	1527.37	14869.04	
2/4/2015	0.05	0.035	37.70	282.02	766.51	5734.23	87.50	654.59	102.08	763.69	7434.52	
2/5/2015	0.04	0.028	30.16	225.61	613.20	4587.38	70.00	523.67	81.67	610.95	5947.62	
2/6/2015	0.10	0.07	75.40	564.04	1533.01	11468.46	175.00	1309.18	204.17	1527.37	14869.04	
2/7/2015	0.14	0.098	105.55	789.65	2146.22	16055.84	245.00	1832.85	285.83	2138.32	20816.66	
2/8/2015	0.13	0.091	98.01	733.25	1992.92	14909.00	227.50	1701.93	265.42	1985.58	19329.76	
2/9/2015	0.18	0.126	135.71	1015.27	2759.42	20643.23	315.00	2356.52	367.50	2749.27	26764.28	
2/10/2015	0.15	0.105	113.09	846.05	2299.52	17202.69	262.50	1963.76	306.25	2291.06	22303.56	
2/11/2015	0.16	0.112	120.63	902.46	2452.82	18349.54	280.00	2094.68	326.67	2443.79	23790.47	
2/12/2015	0.14	0.098	105.55	789.65	2146.22	16055.84	245.00	1832.85	285.83	2138.32	20816.66	
2/13/2015	0.15	0.105	113.09	846.05	2299.52	17202.69	262.50	1963.76	306.25	2291.06	22303.56	
2/14/2015	0.18	0.126	135.71	1015.27	2759.42	20643.23	315.00	2356.52	367.50	2749.27	26764.28	
2/15/2015	0.10	0.07	75.40	564.04	1533.01	11468.46	175.00	1309.18	204.17	1527.37	14869.04	
2/16/2015	0.04	0.028	30.16	225.61	613.20	4587.38	70.00	523.67	81.67	610.95	5947.62	
2/17/2015	0.09	0.063	67.86	507.63	1379.71	10321.61	157.50	1178.26	183.75	1374.63	13382.14	
2/18/2015	0.09	0.063	67.86	507.63	1379.71	10321.61	157.50	1178.26	183.75	1374.63	13382.14	
2/19/2015	0.14	0.098	105.55	789.65	2146.22	16055.84	245.00	1832.85	285.83	2138.32	20816.66	
2/20/2015	0.05	0.035	37.70	282.02	766.51	5734.23	87.50	654.59	102.08	763.69	7434.52	
2/21/2015	0.12	0.084	90.48	676.84	1839.61	13762.15	210.00	1571.01	245.00	1832.85	17842.85	
2/22/2015	0.06	0.042	45.24	338.42	919.81	6881.08	105.00	785.51	122.50	916.42	8921.43	
2/23/2015	0.04	0.028	30.16	225.61	613.20	4587.38	70.00	523.67	81.67	610.95	5947.62	
2/24/2015	0.05	0.035	37.70	282.02	766.51	5734.23	87.50	654.59	102.08	763.69	7434.52	
2/25/2015	0.09	0.063	67.86	507.63	1379.71	10321.61	157.50	1178.26	183.75	1374.63	13382.14	
2/26/2015	0.11	0.077	82.94	620.44	1686.31	12615.31	192.50	1440.09	224.58	1680.11	16355.95	
2/27/2015	0.04	0.028	30.16	225.61	613.20	4587.38	70.00	523.67	81.67	610.95	5947.62	
2/28/2015	0.02	0.014	15.08	112.81	306.60	2293.69	35.00	261.84	40.83	305.47	2973.81	
<b>Monthly Totals</b>			<b>2028.15</b>	<b>15172.57</b>	<b>41238.01</b>	<b>308501.58</b>	<b>4707.50</b>	<b>35216.81</b>	<b>5492.08</b>	<b>41086.28</b>	<b>399977.24</b>	

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

**EVAPORATION**

Sump A (sq ft)      12,925      Sump B (sq ft)      262,802 (25% of pit area always has water)  
 Settling A (sq ft)      30,000      Settling B (sq ft)      35,000

March, 2015													
	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)	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)
3/1/2015	0.03	0.021	22.62	169.21	459.90	3440.54	52.50	392.75	61.25	458.21	4460.71	458.21	4460.71
3/2/2015	0.03	0.021	22.62	169.21	459.90	3440.54	52.50	392.75	61.25	458.21	4460.71	458.21	4460.71
3/3/2015	0.03	0.021	22.62	169.21	459.90	3440.54	52.50	392.75	61.25	458.21	4460.71	458.21	4460.71
3/4/2015	0.05	0.035	37.70	282.02	766.51	5734.23	87.50	654.59	102.08	763.69	7434.52	763.69	7434.52
3/5/2015	0.09	0.063	67.86	507.63	1379.71	10321.61	157.50	1178.26	183.75	1374.63	13382.14	1374.63	13382.14
3/6/2015	0.11	0.077	82.94	620.44	1686.31	12615.31	192.50	1440.09	224.58	1680.11	16355.95	1680.11	16355.95
3/7/2015	0.14	0.098	105.55	789.65	2146.22	16055.84	245.00	1832.85	285.83	2138.32	20816.66	2138.32	20816.66
3/8/2015	0.11	0.077	82.94	620.44	1686.31	12615.31	192.50	1440.09	224.58	1680.11	16355.95	1680.11	16355.95
3/9/2015	0.03	0.021	22.62	169.21	459.90	3440.54	52.50	392.75	61.25	458.21	4460.71	458.21	4460.71
3/10/2015	0.04	0.028	30.16	225.61	613.20	4587.38	70.00	523.67	81.67	610.95	5947.62	610.95	5947.62
3/11/2015	0.16	0.112	120.63	902.46	2452.82	18349.54	280.00	2094.68	326.67	2443.79	23790.47	2443.79	23790.47
3/12/2015	0.14	0.098	105.55	789.65	2146.22	16055.84	245.00	1832.85	285.83	2138.32	20816.66	2138.32	20816.66
3/13/2015	0.04	0.028	30.16	225.61	613.20	4587.38	70.00	523.67	81.67	610.95	5947.62	610.95	5947.62
3/14/2015	0.11	0.077	82.94	620.44	1686.31	12615.31	192.50	1440.09	224.58	1680.11	16355.95	1680.11	16355.95
3/15/2015	0.13	0.091	98.01	733.25	1992.92	14909.00	227.50	1701.93	265.42	1985.58	19329.76	1985.58	19329.76
3/16/2015	0.17	0.119	128.17	958.86	2606.12	19496.38	297.50	2225.60	347.08	2596.53	25277.37	2596.53	25277.37
3/17/2015	0.20	0.14	150.79	1128.07	3066.02	22936.92	350.00	2618.35	408.33	3054.74	29738.08	3054.74	29738.08
3/18/2015	0.05	0.035	37.70	282.02	766.51	5734.23	87.50	654.59	102.08	763.69	7434.52	763.69	7434.52
3/19/2015	0.03	0.021	22.62	169.21	459.90	3440.54	52.50	392.75	61.25	458.21	4460.71	458.21	4460.71
3/20/2015	0.12	0.084	90.48	676.84	1839.61	13762.15	210.00	1571.01	245.00	1832.85	17842.85	1832.85	17842.85
3/21/2015	0.08	0.056	60.32	451.23	1226.41	9174.77	140.00	1047.34	163.33	1221.90	11895.23	1221.90	11895.23
3/22/2015	0.12	0.084	90.48	676.84	1839.61	13762.15	210.00	1571.01	245.00	1832.85	17842.85	1832.85	17842.85
3/23/2015	0.18	0.126	135.71	1015.27	2759.42	20643.23	315.00	2356.52	367.50	2749.27	26764.28	2749.27	26764.28
3/24/2015	0.27	0.189	203.57	1522.90	4139.13	30964.84	472.50	3534.77	551.25	4123.90	40146.41	4123.90	40146.41
3/25/2015	0.24	0.168	180.95	1353.69	3679.23	27524.30	420.00	3142.02	490.00	3665.69	35685.70	3665.69	35685.70
3/26/2015	0.22	0.154	165.87	1240.88	3372.63	25230.61	385.00	2880.19	449.17	3360.22	32711.89	3360.22	32711.89
3/27/2015	0.14	0.098	105.55	789.65	2146.22	16055.84	245.00	1832.85	285.83	2138.32	20816.66	2138.32	20816.66
3/28/2015	0.22	0.154	165.87	1240.88	3372.63	25230.61	385.00	2880.19	449.17	3360.22	32711.89	3360.22	32711.89
3/29/2015	0.30	0.21	226.19	1692.11	4599.04	34405.38	525.00	3927.53	612.50	4582.11	44607.13	4582.11	44607.13
3/30/2015	0.23	0.161	173.41	1297.28	3525.93	26377.46	402.50	3011.10	469.58	3512.95	34198.80	3512.95	34198.80
3/31/2015	0.21	0.147	158.33	1184.48	3219.32	24083.77	367.50	2749.27	428.75	3207.48	31224.99	3207.48	31224.99
Monthly Totals			3030.91	22674.26	61627.07	461032.10	7035.00	52628.84	8207.50	61400.31	597735.50	61400.31	597735.50
Quarterly Total			7117	53245	144716	1082623	16520	123586	19273	144184	1403638	144184	1403638

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

**EVAPORATION**

Sump A (sq ft) 12,925 Sump B (sq ft) 262,802 (25% of pit area always has water)  
 Settling A (sq ft) 30,000 Settling B (sq ft) 35,000

Apr-15											
	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)
Date	04/01/15	0.16	120.63	902.46	2452.82	18349.54	280.00	2094.68	326.67	2443.79	23790.47
	04/02/15	0.27	203.57	1522.90	4139.13	30964.84	472.50	3534.77	551.25	4123.90	40146.41
	04/03/15	0.27	203.57	1522.90	4139.13	30964.84	472.50	3534.77	551.25	4123.90	40146.41
	04/04/15	0.25	188.49	1410.09	3832.53	28671.15	437.50	3272.94	510.42	3818.43	37172.61
	04/05/15	0.06	45.24	338.42	919.81	6881.08	105.00	785.51	122.50	916.42	8921.43
	04/06/15	0.17	128.17	958.86	2606.12	19496.38	297.50	2225.60	347.08	2596.53	25277.37
	04/07/15	0.18	135.71	1015.27	2759.42	20643.23	315.00	2356.52	367.50	2749.27	26764.28
	04/08/15	0.15	113.09	846.05	2299.52	17202.69	262.50	1963.76	306.25	2291.06	22303.56
	04/09/15	0.30	226.19	1692.11	4599.04	34405.38	525.00	3927.53	612.50	4582.11	44607.13
	04/10/15	0.26	196.03	1466.49	3985.83	29818.00	455.00	3403.86	530.83	3971.16	38659.51
	04/11/15	0.23	173.41	1297.28	3525.93	26377.46	402.50	3011.10	469.58	3512.95	34198.80
	04/12/15	0.19	143.25	1071.67	2912.72	21790.07	332.50	2487.43	387.92	2902.00	28251.18
	04/13/15	0.11	82.94	620.44	1686.31	12615.31	192.50	1440.09	224.58	1680.11	16355.95
	04/14/15	0.06	45.24	338.42	919.81	6881.08	105.00	785.51	122.50	916.42	8921.43
	04/15/15	0.16	120.63	902.46	2452.82	18349.54	280.00	2094.68	326.67	2443.79	23790.47
	04/16/15	0.14	105.55	789.65	2146.22	16055.84	245.00	1832.85	285.83	2138.32	20816.66
	04/17/15	0.13	98.01	733.25	1992.92	14909.00	227.50	1701.93	265.42	1985.58	19329.76
	04/18/15	0.20	150.79	1128.07	3066.02	22936.92	350.00	2618.35	408.33	3054.74	29738.08
	04/19/15	0.17	128.17	958.86	2606.12	19496.38	297.50	2225.60	347.08	2596.53	25277.37
	04/20/15	0.23	173.41	1297.28	3525.93	26377.46	402.50	3011.10	469.58	3512.95	34198.80
	04/21/15	0.19	143.25	1071.67	2912.72	21790.07	332.50	2487.43	387.92	2902.00	28251.18
	04/22/15	0.17	128.17	958.86	2606.12	19496.38	297.50	2225.60	347.08	2596.53	25277.37
	04/23/15	0.04	30.16	225.61	613.20	4587.38	70.00	523.67	81.67	610.95	5947.62
	04/24/15	0.04	30.16	225.61	613.20	4587.38	70.00	523.67	81.67	610.95	5947.62
	04/25/15	0.27	203.57	1522.90	4139.13	30964.84	472.50	3534.77	551.25	4123.90	40146.41
	04/26/15	0.21	158.33	1184.48	3219.32	24083.77	367.50	2749.27	428.75	3207.48	31224.99
	04/27/15	0.08	60.32	451.23	1226.41	9174.77	140.00	1047.34	163.33	1221.90	11895.23
	04/28/15	0.08	60.32	451.23	1226.41	9174.77	140.00	1047.34	163.33	1221.90	11895.23
	04/29/15	0.26	196.03	1466.49	3985.83	29818.00	455.00	3403.86	530.83	3971.16	38659.51
	04/30/15	0.22	165.87	1240.88	3372.63	25230.61	385.00	2880.19	449.17	3360.22	32711.89
Monthly Totals			3958.28	29611.90	80483.11	602094.16	9187.50	68731.69	10718.75	80186.97	780624.72

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

**EVAPORATION**

Sump A (sq ft) 12,925 Sump B (sq ft) 262,802 (25% of pit area always has water)  
 Settling A (sq ft) 30,000 Settling B (sq ft) 35,000

May-15													
	Pan	Corrected	Sump A	Sump A	Sump B	Sump B	Sump B	Settling A	Settling A	Settling B	Settling B	Total	
Date	Evaporation (in)	Evaporation Rate (in)	Evaporation Volume (cu ft)	Evaporation (Gallons)	Evaporation Volume (cu ft)	Evaporation (Gallons)	Evaporation (Gallons)	Evaporation Volume (cu ft)	Evaporation (Gallons)	Evaporation Volume (cu ft)	Evaporation (Gallons)	Evaporation (Gallons)	
05/01/15	0.23	0.161	173.41	1297.28	3525.93	26377.46	402.50	3011.10	469.58	3512.95	34198.80	34198.80	
05/02/15	0.23	0.161	173.41	1297.28	3525.93	26377.46	402.50	3011.10	469.58	3512.95	34198.80	34198.80	
05/03/15	0.28	0.196	211.11	1579.30	4292.43	32111.69	490.00	3665.69	571.67	4276.64	41633.32	41633.32	
05/04/15	0.26	0.182	196.03	1466.49	3985.83	29818.00	455.00	3403.86	530.83	3971.16	38659.51	38659.51	
05/05/15	0.19	0.133	143.25	1071.67	2912.72	21790.07	332.50	2487.43	387.92	2902.00	28251.18	28251.18	
05/06/15	0.19	0.133	143.25	1071.67	2912.72	21790.07	332.50	2487.43	387.92	2902.00	28251.18	28251.18	
05/07/15	0.16	0.112	120.63	902.46	2452.82	18349.54	280.00	2094.68	326.67	2443.79	23790.47	23790.47	
05/08/15	0.15	0.105	113.09	846.05	2299.52	17202.69	262.50	1963.76	306.25	2291.06	22303.56	22303.56	
05/09/15	0.04	0.028	30.16	225.61	613.20	4587.38	70.00	523.67	81.67	610.95	5947.62	5947.62	
05/10/15	0.06	0.042	45.24	338.42	919.81	6881.08	105.00	785.51	122.50	916.42	8921.43	8921.43	
05/11/15	0.25	0.175	188.49	1410.09	3832.53	28671.15	437.50	3272.94	510.42	3818.43	37172.61	37172.61	
05/12/15	0.18	0.126	135.71	1015.27	2759.42	20643.23	315.00	2356.52	367.50	2749.27	26764.28	26764.28	
05/13/15	0.05	0.035	37.70	282.02	766.51	5734.23	87.50	654.59	102.08	763.69	7434.52	7434.52	
05/14/15	0.20	0.14	150.79	1128.07	3066.02	22936.92	350.00	2618.35	408.33	3054.74	29738.08	29738.08	
05/15/15	0.14	0.098	105.55	789.65	2146.22	16055.84	245.00	1832.85	285.83	2138.32	20816.66	20816.66	
05/16/15	0.17	0.119	128.17	958.86	2606.12	19496.38	297.50	2225.60	347.08	2596.53	25277.37	25277.37	
05/17/15	0.19	0.133	143.25	1071.67	2912.72	21790.07	332.50	2487.43	387.92	2902.00	28251.18	28251.18	
05/18/15	0.19	0.133	143.25	1071.67	2912.72	21790.07	332.50	2487.43	387.92	2902.00	28251.18	28251.18	
05/19/15	0.12	0.084	90.48	676.84	1839.61	13762.15	210.00	1571.01	245.00	1832.85	17842.85	17842.85	
05/20/15	0.11	0.077	82.94	620.44	1686.31	12615.31	192.50	1440.09	224.58	1680.11	16355.95	16355.95	
05/21/15	0.19	0.133	143.25	1071.67	2912.72	21790.07	332.50	2487.43	387.92	2902.00	28251.18	28251.18	
05/22/15	0.04	0.028	30.16	225.61	613.20	4587.38	70.00	523.67	81.67	610.95	5947.62	5947.62	
05/23/15	0.08	0.056	60.32	451.23	1226.41	9174.77	140.00	1047.34	163.33	1221.90	11895.23	11895.23	
05/24/15	0.11	0.077	82.94	620.44	1686.31	12615.31	192.50	1440.09	224.58	1680.11	16355.95	16355.95	
05/25/15	0.12	0.084	90.48	676.84	1839.61	13762.15	210.00	1571.01	245.00	1832.85	17842.85	17842.85	
05/26/15	0.20	0.14	150.79	1128.07	3066.02	22936.92	350.00	2618.35	408.33	3054.74	29738.08	29738.08	
05/27/15	0.18	0.126	135.71	1015.27	2759.42	20643.23	315.00	2356.52	367.50	2749.27	26764.28	26764.28	
05/28/15	0.19	0.133	143.25	1071.67	2912.72	21790.07	332.50	2487.43	387.92	2902.00	28251.18	28251.18	
05/29/15	0.13	0.091	98.01	733.25	1992.92	14909.00	227.50	1701.93	265.42	1985.58	19329.76	19329.76	
05/30/15	0.12	0.084	90.48	676.84	1839.61	13762.15	210.00	1571.01	245.00	1832.85	17842.85	17842.85	
05/31/15	0.14	0.098	105.55	789.65	2146.22	16055.84	245.00	1832.85	285.83	2138.32	20816.66	20816.66	
Monthly Totals			3686.86	27581.37	74964.27	560807.71	8557.50	64018.66	9983.75	74688.43	727096.17	727096.17	

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

**EVAPORATION**

Sump A (sq ft)      12,925      Sump B (sq ft)      262,802 (25% of pit area always has water)  
Settling A (sq ft)      30,000      Settling B (sq ft)      35,000

Jun-15											
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)
06/01/15	0.23	0.161	173.41	1297.28	3525.93	26377.46	402.50	3011.10	469.58	3512.95	34198.80
06/02/15	0.26	0.182	196.03	1466.49	3985.83	29818.00	455.00	3403.86	530.83	3971.16	38659.51
06/03/15	0.31	0.217	233.73	1748.51	4752.34	35552.23	542.50	4058.44	632.92	4734.85	46094.03
06/04/15	0.30	0.21	226.19	1692.11	4599.04	34405.38	525.00	3927.53	612.50	4582.11	44607.13
06/05/15	0.28	0.196	211.11	1579.30	4292.43	32111.69	490.00	3665.69	571.67	4276.64	41633.32
06/06/15	0.27	0.189	203.57	1522.90	4139.13	30964.84	472.50	3534.77	551.25	4123.90	40146.41
06/07/15	0.30	0.21	226.19	1692.11	4599.04	34405.38	525.00	3927.53	612.50	4582.11	44607.13
06/08/15	0.23	0.161	173.41	1297.28	3525.93	26377.46	402.50	3011.10	469.58	3512.95	34198.80
06/09/15	0.29	0.203	218.65	1635.71	4445.73	33258.53	507.50	3796.61	592.08	4429.38	43120.22
06/10/15	0.32	0.224	241.27	1804.92	4905.64	36699.07	560.00	4189.36	653.33	4887.59	47580.94
06/11/15	0.38	0.266	286.50	2143.34	5825.44	43580.15	665.00	4974.87	775.83	5804.01	56502.36
06/12/15	0.35	0.245	263.89	1974.13	5365.54	40139.61	612.50	4582.11	714.58	5345.80	52041.65
06/13/15	0.19	0.133	143.25	1071.67	2912.72	21790.07	332.50	2487.43	387.92	2902.00	28251.18
06/14/15	0.24	0.168	180.95	1353.69	3679.23	27524.30	420.00	3142.02	490.00	3665.69	35685.70
06/15/15	0.25	0.175	188.49	1410.09	3832.53	28671.15	437.50	3272.94	510.42	3818.43	37172.61
06/16/15	0.10	0.07	75.40	564.04	1533.01	11468.46	175.00	1309.18	204.17	1527.37	14869.04
06/17/15	0.03	0.021	22.62	169.21	459.90	3440.54	52.50	392.75	61.25	458.21	4460.71
06/18/15	0.18	0.126	135.71	1015.27	2759.42	20643.23	315.00	2356.52	367.50	2749.27	26764.28
06/19/15	0.28	0.196	211.11	1579.30	4292.43	32111.69	490.00	3665.69	571.67	4276.64	41633.32
06/20/15	0.23	0.161	173.41	1297.28	3525.93	26377.46	402.50	3011.10	469.58	3512.95	34198.80
06/21/15	0.13	0.091	98.01	733.25	1992.92	14909.00	227.50	1701.93	265.42	1985.58	19329.76
06/22/15	0.30	0.21	226.19	1692.11	4599.04	34405.38	525.00	3927.53	612.50	4582.11	44607.13
06/23/15	0.30	0.21	226.19	1692.11	4599.04	34405.38	525.00	3927.53	612.50	4582.11	44607.13
06/24/15	0.30	0.21	226.19	1692.11	4599.04	34405.38	525.00	3927.53	612.50	4582.11	44607.13
06/25/15	0.31	0.217	233.73	1748.51	4752.34	35552.23	542.50	4058.44	632.92	4734.85	46094.03
06/26/15	0.23	0.161	173.41	1297.28	3525.93	26377.46	402.50	3011.10	469.58	3512.95	34198.80
06/27/15	0.29	0.203	218.65	1635.71	4445.73	33258.53	507.50	3796.61	592.08	4429.38	43120.22
06/28/15	0.27	0.189	203.57	1522.90	4139.13	30964.84	472.50	3534.77	551.25	4123.90	40146.41
06/29/15	0.25	0.175	188.49	1410.09	3832.53	28671.15	437.50	3272.94	510.42	3818.43	37172.61
06/30/15	0.28	0.196	211.11	1579.30	4292.43	32111.69	490.00	3665.69	571.67	4276.64	41633.32
<b>Monthly Totals</b>											
			5,790	43,318	117,735	880,778	13,440	100,545	15,680	117,302	1,141,942
<b>Quarterly Total</b>			13,436	100,511	273,183	2,043,680	31,185	233,295	36,383	272,177	2,649,663

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

**EVAPORATION**

Sump A (sq ft)      12,925      Sump B (sq ft)      262,802 (25% of pit area always has water)  
 Settling A (sq ft)      30,000      Settling B (sq ft)      35,000

Jul-15											
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)
07/01/15	0.32	0.224	241.27	1804.92	4905.64	36699.07	560.00	4189.36	653.33	4887.59	47580.94
07/02/15	0.25	0.175	188.49	1410.09	3832.53	28671.15	437.50	3272.94	510.42	3818.43	37172.61
07/03/15	0.21	0.147	158.33	1184.48	3219.32	24083.77	367.50	2749.27	428.75	3207.48	31224.99
07/04/15	0.27	0.189	203.57	1522.90	4139.13	30964.84	472.50	3534.77	551.25	4123.90	40146.41
07/05/15	0.30	0.21	226.19	1692.11	4599.04	34405.38	525.00	3927.53	612.50	4582.11	44607.13
07/06/15	0.23	0.161	173.41	1297.28	3525.93	26377.46	402.50	3011.10	469.58	3512.95	34198.80
07/07/15	0.15	0.105	113.09	846.05	2299.52	17202.69	262.50	1963.76	306.25	2291.06	22303.56
07/08/15	0.08	0.063	67.86	507.63	1379.71	10321.61	157.50	1178.26	183.75	1374.63	13382.14
07/09/15	0.22	0.154	165.87	1240.88	3372.63	25230.61	385.00	2880.19	449.17	3360.22	32711.89
07/10/15	0.31	0.217	233.73	1748.51	4752.34	35552.23	542.50	4058.44	632.92	4734.85	46094.03
07/11/15	0.32	0.224	241.27	1804.92	4905.64	36699.07	560.00	4189.36	653.33	4887.59	47580.94
07/12/15	0.30	0.21	226.19	1692.11	4599.04	34405.38	525.00	3927.53	612.50	4582.11	44607.13
07/13/15	0.32	0.224	241.27	1804.92	4905.64	36699.07	560.00	4189.36	653.33	4887.59	47580.94
07/14/15	0.31	0.217	233.73	1748.51	4752.34	35552.23	542.50	4058.44	632.92	4734.85	46094.03
07/15/15	0.31	0.217	233.73	1748.51	4752.34	35552.23	542.50	4058.44	632.92	4734.85	46094.03
07/16/15	0.32	0.224	241.27	1804.92	4905.64	36699.07	560.00	4189.36	653.33	4887.59	47580.94
07/17/15	0.33	0.231	248.81	1861.32	5058.94	37845.92	577.50	4320.28	673.75	5040.32	49067.84
07/18/15	0.34	0.238	256.35	1917.72	5212.24	38992.76	595.00	4451.20	694.17	5193.06	50554.74
07/19/15	0.31	0.217	233.73	1748.51	4752.34	35552.23	542.50	4058.44	632.92	4734.85	46094.03
07/20/15	0.30	0.21	226.19	1692.11	4599.04	34405.38	525.00	3927.53	612.50	4582.11	44607.13
07/21/15	0.26	0.182	196.03	1466.49	3985.83	29818.00	455.00	3403.86	530.83	3971.16	38659.51
07/22/15	0.28	0.196	211.11	1579.30	4292.43	32111.69	490.00	3665.69	571.67	4276.64	41633.32
07/23/15	0.32	0.224	241.27	1804.92	4905.64	36699.07	560.00	4189.36	653.33	4887.59	47580.94
07/24/15	0.31	0.217	233.73	1748.51	4752.34	35552.23	542.50	4058.44	632.92	4734.85	46094.03
07/25/15	0.30	0.21	226.19	1692.11	4599.04	34405.38	525.00	3927.53	612.50	4582.11	44607.13
07/26/15	0.30	0.21	226.19	1692.11	4599.04	34405.38	525.00	3927.53	612.50	4582.11	44607.13
07/27/15	0.32	0.224	241.27	1804.92	4905.64	36699.07	560.00	4189.36	653.33	4887.59	47580.94
07/28/15	0.34	0.238	256.35	1917.72	5212.24	38992.76	595.00	4451.20	694.17	5193.06	50554.74
07/29/15	0.31	0.217	233.73	1748.51	4752.34	35552.23	542.50	4058.44	632.92	4734.85	46094.03
07/30/15	0.30	0.21	226.19	1692.11	4599.04	34405.38	525.00	3927.53	612.50	4582.11	44607.13
07/31/15	0.21	0.147	158.33	1184.48	3219.32	24083.77	367.50	2749.27	428.75	3207.48	31224.99
Monthly Totals			6604.68	49409.57	134291.82	1004637.12	15330.00	114683.73	17885.00	133797.69	1302528.11

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

**EVAPORATION**

Sump A (sq ft)      12,925      Sump B (sq ft)      262,802 (25% of pit area always has water)  
 Settling A (sq ft)      30,000      Settling B (sq ft)      35,000

Aug-15											
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)
08/01/15	0.26	0.182	196.03	1466.49	3985.83	29818.00	455.00	3403.86	530.83	3971.16	38659.51
08/02/15	0.20	0.14	150.79	1128.07	3066.02	22936.92	350.00	2618.35	408.33	3054.74	29738.08
08/03/15	0.21	0.147	158.33	1184.48	3219.32	24083.77	367.50	2749.27	428.75	3207.48	31224.99
08/04/15	0.10	0.07	75.40	564.04	1533.01	11468.46	175.00	1309.18	204.17	1527.37	14869.04
08/05/15	0.34	0.238	256.35	1917.72	5212.24	38992.76	595.00	4451.20	694.17	5193.06	50554.74
08/06/15	0.39	0.273	294.04	2199.74	5978.75	44727.00	682.50	5105.78	796.25	5956.75	57989.27
08/07/15	0.37	0.259	278.96	2086.93	5672.14	42433.30	647.50	4843.95	755.42	5651.27	55015.46
08/08/15	0.35	0.245	263.89	1974.13	5365.54	40139.61	612.50	4582.11	714.58	5345.80	52041.65
08/09/15	0.36	0.252	271.43	2030.53	5518.84	41286.46	630.00	4713.03	735.00	5498.54	53528.55
08/10/15	0.33	0.231	248.81	1861.32	5058.94	37845.92	577.50	4320.28	673.75	5040.32	49067.84
08/11/15	0.38	0.266	286.50	2143.34	5825.44	43580.15	665.00	4974.87	775.83	5804.01	56502.36
08/12/15	0.37	0.259	278.96	2086.93	5672.14	42433.30	647.50	4843.95	755.42	5651.27	55015.46
08/13/15	0.32	0.224	241.27	1804.92	4905.64	36699.07	560.00	4189.36	653.33	4887.59	47580.94
08/14/15	0.24	0.168	180.95	1353.69	3679.23	27524.30	420.00	3142.02	490.00	3665.69	35685.70
08/15/15	0.30	0.21	226.19	1692.11	4599.04	34405.38	525.00	3927.53	612.50	4582.11	44607.13
08/16/15	0.27	0.189	203.57	1522.90	4139.13	30964.84	472.50	3534.77	551.25	4123.90	40146.41
08/17/15	0.28	0.196	211.11	1579.30	4292.43	32111.69	490.00	3665.69	571.67	4276.64	41633.32
08/18/15	0.28	0.196	211.11	1579.30	4292.43	32111.69	490.00	3665.69	571.67	4276.64	41633.32
08/19/15	0.17	0.119	128.17	958.86	2606.12	19496.38	297.50	2225.60	347.08	2596.53	25277.37
08/20/15	0.25	0.175	188.49	1410.09	3832.53	28671.15	437.50	3272.94	510.42	3818.43	37172.61
08/21/15	0.30	0.21	226.19	1692.11	4599.04	34405.38	525.00	3927.53	612.50	4582.11	44607.13
08/22/15	0.28	0.196	211.11	1579.30	4292.43	32111.69	490.00	3665.69	571.67	4276.64	41633.32
08/23/15	0.28	0.196	211.11	1579.30	4292.43	32111.69	490.00	3665.69	571.67	4276.64	41633.32
08/24/15	0.29	0.203	218.65	1635.71	4445.73	33258.53	507.50	3796.61	592.08	4429.38	43120.22
08/25/15	0.25	0.175	188.49	1410.09	3832.53	28671.15	437.50	3272.94	510.42	3818.43	37172.61
08/26/15	0.28	0.182	196.03	1466.49	3985.83	29818.00	455.00	3403.86	530.83	3971.16	38659.51
08/27/15	0.23	0.161	173.41	1297.28	3525.93	26377.46	402.50	3011.10	469.58	3512.95	34198.80
08/28/15	0.27	0.189	203.57	1522.90	4139.13	30964.84	472.50	3534.77	551.25	4123.90	40146.41
08/29/15	0.25	0.175	188.49	1410.09	3832.53	28671.15	437.50	3272.94	510.42	3818.43	37172.61
08/30/15	0.25	0.175	188.49	1410.09	3832.53	28671.15	437.50	3272.94	510.42	3818.43	37172.61
08/31/15	0.28	0.196	211.11	1579.30	4292.43	32111.69	490.00	3665.69	571.67	4276.64	41633.32
<b>Monthly Totals</b>			6,566.98	49,127.56	133,525.32	998,902.89	15,242.50	114,029.14	17,782.92	133,034.00	1,295,093.59



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

**EVAPORATION**

Sump A (sq ft) 12,925 Sump B (sq ft) 262,802 (25% of pit area always has water)  
 Settling A (sq ft) 30,000 Settling B (sq ft) 35,000

Sep-15												
Date	Pan	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)	
	Evaporation (in)											
09/01/15	0.29	0.203	218.65	1635.71	4445.73	33258.53	507.50	3796.61	592.08	4429.38	43120.22	
09/02/15	0.29	0.203	218.65	1635.71	4445.73	33258.53	507.50	3796.61	592.08	4429.38	43120.22	
09/03/15	0.28	0.196	211.11	1579.30	4292.43	32111.69	490.00	3665.69	571.67	4276.64	41633.32	
09/04/15	0.30	0.21	226.19	1692.11	4599.04	34405.38	525.00	3927.53	612.50	4582.11	44607.13	
09/05/15	0.27	0.189	203.57	1522.90	4139.13	30964.84	472.50	3534.77	551.25	4123.90	40146.41	
09/06/15	0.27	0.189	203.57	1522.90	4139.13	30964.84	472.50	3534.77	551.25	4123.90	40146.41	
09/07/15	0.31	0.217	233.73	1748.51	4752.34	35552.23	542.50	4058.44	632.92	4734.85	46094.03	
09/08/15	0.34	0.238	256.35	1917.72	5212.24	38992.76	595.00	4451.20	694.17	5193.06	50554.74	
09/09/15	0.17	0.119	128.17	958.86	2606.12	19496.38	297.50	2225.60	347.08	2596.53	25277.37	
09/10/15	0.20	0.14	150.79	1128.07	3066.02	22936.92	350.00	2618.35	408.33	3054.74	29738.08	
09/11/15	0.30	0.210	226.19	1692.11	4599.04	34405.38	525.00	3927.53	612.50	4582.11	44607.13	
09/12/15	0.28	0.196	211.11	1579.30	4292.43	32111.69	490.00	3665.69	571.67	4276.64	41633.32	
09/13/15	0.33	0.231	248.81	1861.32	5058.94	37845.92	577.50	4320.28	673.75	5040.32	49067.84	
09/14/15	0.35	0.245	263.89	1974.13	5365.54	40139.61	612.50	4582.11	714.58	5345.80	52041.65	
09/15/15	0.26	0.182	196.03	1466.49	3985.83	29818.00	455.00	3403.86	530.83	3971.16	38659.51	
09/16/15	0.30	0.21	226.19	1692.11	4599.04	34405.38	525.00	3927.53	612.50	4582.11	44607.13	
09/17/15	0.34	0.238	256.35	1917.72	5212.24	38992.76	595.00	4451.20	694.17	5193.06	50554.74	
09/18/15	0.31	0.217	233.73	1748.51	4752.34	35552.23	542.50	4058.44	632.92	4734.85	46094.03	
09/19/15	0.16	0.112	120.63	902.46	2452.82	18349.54	280.00	2094.68	326.67	2443.79	23790.47	
09/20/15	0.05	0.035	37.70	282.02	766.51	5734.23	87.50	654.59	102.08	763.69	7434.52	
09/21/15	0.20	0.14	150.79	1128.07	3066.02	22936.92	350.00	2618.35	408.33	3054.74	29738.08	
09/22/15	0.24	0.168	180.95	1353.69	3679.23	27524.30	420.00	3142.02	490.00	3665.69	35685.70	
09/23/15	0.23	0.161	173.41	1297.28	3525.93	26377.46	402.50	3011.10	469.58	3512.95	34198.80	
09/24/15	0.20	0.14	150.79	1128.07	3066.02	22936.92	350.00	2618.35	408.33	3054.74	29738.08	
09/25/15	0.21	0.147	158.33	1184.48	3219.32	24083.77	367.50	2749.27	428.75	3207.48	31224.99	
09/26/15	0.21	0.147	158.33	1184.48	3219.32	24083.77	367.50	2749.27	428.75	3207.48	31224.99	
09/27/15	0.20	0.14	150.79	1128.07	3066.02	22936.92	350.00	2618.35	408.33	3054.74	29738.08	
09/28/15	0.13	0.091	98.01	733.25	1992.92	14909.00	227.50	1701.93	265.42	1985.58	19329.76	
09/29/15	0.21	0.147	158.33	1184.48	3219.32	24083.77	367.50	2749.27	428.75	3207.48	31224.99	
09/30/15	0.22	0.154	165.87	1240.88	3372.63	25230.61	385.00	2880.19	449.17	3360.22	32711.89	
Monthly Totals			5,616.99	42,020.70	114,209.37	854,400.29	13,037.50	97,533.54	15,210.42	113,789.13	1,107,743.65	
Quarterly Total			18,788.64	140,557.83	382,026.51	2,857,940.30	43,610.00	326,246.41	50,878.33	380,620.81	3,705,365.35	

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

**EVAPORATION**

Sump A (sq ft) 12,925 Sump B (sq ft) 262,802 (25% of pit area always has water)  
 Settling A (sq ft) 30,000 Settling B (sq ft) 35,000

Oct-15											
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)
10/01/15	0.08	0.056	60.32	451.23	1226.41	9174.77	140.00	1047.34	163.33	1221.90	11895.23
10/02/15	0.23	0.161	173.41	1297.28	3525.93	26377.46	402.50	3011.10	469.58	3512.95	34198.80
10/03/15	0.17	0.119	128.17	958.86	2606.12	19496.38	297.50	2225.60	347.08	2596.53	25277.37
10/04/15	0.17	0.119	128.17	958.86	2606.12	19496.38	297.50	2225.60	347.08	2596.53	25277.37
10/05/15	0.13	0.091	98.01	733.25	1992.92	14909.00	227.50	1701.93	265.42	1985.58	19329.76
10/06/15	0.15	0.105	113.09	846.05	2299.52	17202.69	262.50	1963.76	306.25	2291.06	22303.56
10/07/15	0.18	0.126	135.71	1015.27	2759.42	20643.23	315.00	2356.52	367.50	2749.27	26764.28
10/08/15	0.16	0.112	120.63	902.46	2452.82	18349.54	280.00	2094.68	326.67	2443.79	23790.47
10/09/15	0.09	0.063	67.86	507.63	1379.71	10321.61	157.50	1178.26	183.75	1374.63	13382.14
10/10/15	0.15	0.105	113.09	846.05	2299.52	17202.69	262.50	1963.76	306.25	2291.06	22303.56
10/11/15	0.26	0.182	196.03	1466.49	3985.83	29818.00	455.00	3403.86	530.83	3971.16	38659.51
10/12/15	0.27	0.189	203.57	1522.90	4139.13	30964.84	472.50	3534.77	551.25	4123.90	40146.41
10/13/15	0.22	0.154	165.87	1240.88	3372.63	25230.61	385.00	2880.19	449.17	3360.22	32711.89
10/14/15	0.22	0.154	165.87	1240.88	3372.63	25230.61	385.00	2880.19	449.17	3360.22	32711.89
10/15/15	0.27	0.189	203.57	1522.90	4139.13	30964.84	472.50	3534.77	551.25	4123.90	40146.41
10/16/15	0.27	0.189	203.57	1522.90	4139.13	30964.84	472.50	3534.77	551.25	4123.90	40146.41
10/17/15	0.21	0.147	158.33	1184.48	3219.32	24083.77	367.50	2749.27	428.75	3207.48	31224.99
10/18/15	0.21	0.147	158.33	1184.48	3219.32	24083.77	367.50	2749.27	428.75	3207.48	31224.99
10/19/15	0.26	0.182	196.03	1466.49	3985.83	29818.00	455.00	3403.86	530.83	3971.16	38659.51
10/20/15	0.21	0.147	158.33	1184.48	3219.32	24083.77	367.50	2749.27	428.75	3207.48	31224.99
10/21/15	0.18	0.126	135.71	1015.27	2759.42	20643.23	315.00	2356.52	367.50	2749.27	26764.28
10/22/15	0.12	0.084	90.48	676.84	1839.61	13762.15	210.00	1571.01	245.00	1832.85	17842.85
10/23/15	0.07	0.049	52.78	394.83	1073.11	8027.92	122.50	916.42	142.92	1069.16	10408.33
10/24/15	0.08	0.056	60.32	451.23	1226.41	9174.77	140.00	1047.34	163.33	1221.90	11895.23
10/25/15	0.16	0.112	120.63	902.46	2452.82	18349.54	280.00	2094.68	326.67	2443.79	23790.47
10/26/15	0.15	0.105	113.09	846.05	2299.52	17202.69	262.50	1963.76	306.25	2291.06	22303.56
10/27/15	0.11	0.077	82.94	620.44	1686.31	12615.31	192.50	1440.09	224.58	1680.11	16355.95
10/28/15	0.14	0.098	105.55	789.65	2146.22	16055.84	245.00	1832.85	285.83	2138.32	20816.66
10/29/15	0.12	0.084	90.48	676.84	1839.61	13762.15	210.00	1571.01	245.00	1832.85	17842.85
10/30/15	0.05	0.035	37.70	282.02	766.51	5734.23	87.50	654.59	102.08	763.69	7434.52
10/31/15	0.03	0.021	22.62	169.21	459.90	3440.54	52.50	392.75	61.25	458.21	4460.71
<b>Monthly Totals</b>			<b>3,860.27</b>	<b>28,878.65</b>	<b>78,490.20</b>	<b>587,185.17</b>	<b>8,960.00</b>	<b>67,029.76</b>	<b>10,453.33</b>	<b>78,201.39</b>	<b>761,294.97</b>

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

**EVAPORATION**

Sump A (sq ft)      12,925      Sump B (sq ft)      262,802 (25% of pit area always has water)  
 Settling A (sq ft)      30,000      Settling B (sq ft)      35,000

Nov-15												
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)	Total Evaporation (Gallons)
11/01/15	0.05	0.035	37.70	282.02	766.51	5734.23	87.50	654.59	102.08	763.69	7434.52	7434.52
11/02/15	0.09	0.063	67.86	507.63	1379.71	10321.61	157.50	1178.26	183.75	1374.63	13382.14	13382.14
11/03/15	0.08	0.056	60.32	451.23	1226.41	9174.77	140.00	1047.34	163.33	1221.90	11895.23	11895.23
11/04/15	0.08	0.056	60.32	451.23	1226.41	9174.77	140.00	1047.34	163.33	1221.90	11895.23	11895.23
11/05/15	0.03	0.021	22.62	169.21	459.90	3440.54	52.50	392.75	61.25	458.21	4460.71	4460.71
11/06/15	0.13	0.091	98.01	733.25	1992.92	14909.00	227.50	1701.93	265.42	1985.58	19329.76	19329.76
11/07/15	0.15	0.105	113.09	846.05	2299.52	17202.69	262.50	1963.76	306.25	2291.06	22303.56	22303.56
11/08/15	0.11	0.077	82.94	620.44	1686.31	12615.31	192.50	1440.09	224.58	1680.11	16355.95	16355.95
11/09/15	0.11	0.077	82.94	620.44	1686.31	12615.31	192.50	1440.09	224.58	1680.11	16355.95	16355.95
11/10/15	0.11	0.077	82.94	620.44	1686.31	12615.31	192.50	1440.09	224.58	1680.11	16355.95	16355.95
11/11/15	0.24	0.168	180.95	1353.69	3679.23	27524.30	420.00	3142.02	490.00	3665.69	35685.70	35685.70
11/12/15	0.15	0.105	113.09	846.05	2299.52	17202.69	262.50	1963.76	306.25	2291.06	22303.56	22303.56
11/13/15	0.11	0.077	82.94	620.44	1686.31	12615.31	192.50	1440.09	224.58	1680.11	16355.95	16355.95
11/14/15	0.10	0.07	75.40	564.04	1533.01	11468.46	175.00	1309.18	204.17	1527.37	14869.04	14869.04
11/15/15	0.07	0.049	52.78	394.83	1073.11	8027.92	122.50	916.42	142.92	1069.16	10408.33	10408.33
11/16/15	0.04	0.028	30.16	225.61	613.20	4587.38	70.00	523.67	81.67	610.95	5947.62	5947.62
11/17/15	0.15	0.105	113.09	846.05	2299.52	17202.69	262.50	1963.76	306.25	2291.06	22303.56	22303.56
11/18/15	0.16	0.112	120.63	902.46	2452.82	18349.54	280.00	2094.68	326.67	2443.79	23790.47	23790.47
11/19/15	0.14	0.098	105.55	789.65	2146.22	16055.84	245.00	1832.85	285.83	2138.32	20816.66	20816.66
11/20/15	0.12	0.084	90.48	676.84	1839.61	13762.15	210.00	1571.01	245.00	1832.85	17842.85	17842.85
11/21/15	0.14	0.098	105.55	789.65	2146.22	16055.84	245.00	1832.85	285.83	2138.32	20816.66	20816.66
11/22/15	0.06	0.042	45.24	338.42	919.81	6881.08	105.00	785.51	122.50	916.42	8921.43	8921.43
11/23/15	0.07	0.049	52.78	394.83	1073.11	8027.92	122.50	916.42	142.92	1069.16	10408.33	10408.33
11/24/15	0.10	0.07	75.40	564.04	1533.01	11468.46	175.00	1309.18	204.17	1527.37	14869.04	14869.04
11/25/15	0.06	0.042	45.24	338.42	919.81	6881.08	105.00	785.51	122.50	916.42	8921.43	8921.43
11/26/15	-0.01	-0.007	-7.54	-56.40	-153.30	-1146.85	-17.50	-130.92	-20.42	-152.74	-1486.90	-1486.90
11/27/15	0.05	0.035	37.70	282.02	766.51	5734.23	87.50	654.59	102.08	763.69	7434.52	7434.52
11/28/15	0.02	0.014	15.08	112.81	306.60	2293.69	35.00	261.84	40.83	305.47	2973.81	2973.81
11/29/15	0.02	0.014	15.08	112.81	306.60	2293.69	35.00	261.84	40.83	305.47	2973.81	2973.81
11/30/15	0.03	0.021	22.62	169.21	459.90	3440.54	52.50	392.75	61.25	458.21	4460.71	4460.71
<b>Monthly Totals</b>			<b>2,080.93</b>	<b>15,567.40</b>	<b>42,311.12</b>	<b>316,529.50</b>	<b>4,830.00</b>	<b>36,133.23</b>	<b>5,635.00</b>	<b>42,155.44</b>	<b>410,385.57</b>	<b>410,385.57</b>

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

**EVAPORATION**

Sump A (sq ft) 12,925 Sump B (sq ft) 262,802 (25% of pit area always has water)  
 Settling A (sq ft) 30,000 Settling B (sq ft) 35,000

Dec-15												
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)	
12/01/15	0.05	0.035	37.70	282.02	766.51	5734.23	87.50	654.59	102.08	763.69	7434.52	
12/02/15	0.07	0.049	52.78	394.83	1073.11	8027.92	122.50	916.42	142.92	1069.16	10408.33	
12/03/15	0.06	0.042	45.24	338.42	919.81	6881.08	105.00	785.51	122.50	916.42	8921.43	
12/04/15	0.06	0.042	45.24	338.42	919.81	6881.08	105.00	785.51	122.50	916.42	8921.43	
12/05/15	0.08	0.056	60.32	451.23	1226.41	9174.77	140.00	1047.34	163.33	1221.90	11895.23	
12/06/15	0.09	0.063	67.86	507.63	1379.71	10321.61	157.50	1178.26	183.75	1374.63	13382.14	
12/07/15	0.08	0.056	60.32	451.23	1226.41	9174.77	140.00	1047.34	163.33	1221.90	11895.23	
12/08/15	0.12	0.084	90.48	676.84	1839.61	13762.15	210.00	1571.01	245.00	1832.85	17842.85	
12/09/15	0.09	0.063	67.86	507.63	1379.71	10321.61	157.50	1178.26	183.75	1374.63	13382.14	
12/10/15	0.07	0.049	52.78	394.83	1073.11	8027.92	122.50	916.42	142.92	1069.16	10408.33	
12/11/15	0.09	0.063	67.86	507.63	1379.71	10321.61	157.50	1178.26	183.75	1374.63	13382.14	
12/12/15	0.08	0.056	60.32	451.23	1226.41	9174.77	140.00	1047.34	163.33	1221.90	11895.23	
12/13/15	0.10	0.07	75.40	564.04	1533.01	11468.46	175.00	1309.18	204.17	1527.37	14869.04	
12/14/15	0.13	0.091	98.01	733.25	1992.92	14909.00	227.50	1701.93	265.42	1985.58	19329.76	
12/15/15	0.10	0.07	75.40	564.04	1533.01	11468.46	175.00	1309.18	204.17	1527.37	14869.04	
12/16/15	0.11	0.077	82.94	620.44	1686.31	12615.31	192.50	1440.09	224.58	1680.11	16355.95	
12/17/15	0.09	0.063	67.86	507.63	1379.71	10321.61	157.50	1178.26	183.75	1374.63	13382.14	
12/18/15	0.05	0.035	37.70	282.02	766.51	5734.23	87.50	654.59	102.08	763.69	7434.52	
12/19/15	0.12	0.084	90.48	676.84	1839.61	13762.15	210.00	1571.01	245.00	1832.85	17842.85	
12/20/15	0.09	0.063	67.86	507.63	1379.71	10321.61	157.50	1178.26	183.75	1374.63	13382.14	
12/21/15	0.09	0.063	67.86	507.63	1379.71	10321.61	157.50	1178.26	183.75	1374.63	13382.14	
12/22/15	0.13	0.091	98.01	733.25	1992.92	14909.00	227.50	1701.93	265.42	1985.58	19329.76	
12/23/15	0.15	0.105	113.09	846.05	2299.52	17202.69	262.50	1963.76	306.25	2291.06	22303.56	
12/24/15	0.12	0.084	90.48	676.84	1839.61	13762.15	210.00	1571.01	245.00	1832.85	17842.85	
12/25/15	0.14	0.098	105.55	789.65	2146.22	16055.84	245.00	1832.85	285.83	2138.32	20816.66	
12/26/15	0.03	0.021	22.62	169.21	459.90	3440.54	52.50	392.75	61.25	458.21	4460.71	
12/27/15	0.04	0.028	30.16	225.61	613.20	4587.38	70.00	523.67	81.67	610.95	5947.62	
12/28/15	0.03	0.021	22.62	169.21	459.90	3440.54	52.50	392.75	61.25	458.21	4460.71	
12/29/15	0.03	0.021	22.62	169.21	459.90	3440.54	52.50	392.75	61.25	458.21	4460.71	
12/30/15	0.04	0.028	30.16	225.61	613.20	4587.38	70.00	523.67	81.67	610.95	5947.62	
12/31/15	0.04	0.028	30.16	225.61	613.20	4587.38	70.00	523.67	81.67	610.95	5947.62	
<b>Monthly Totals</b>												
			1,937.67	14,495.73	39,398.40	294,739.43	4,497.50	33,645.80	5,247.08	39,253.43	382,134.39	
<b>Quarterly Total</b>			7,878.86	58,941.79	160,199.72	1,198,454.10	18,287.50	136,808.79	21,335.42	159,610.25	1,553,814.92	
<b>2015 YEAR TOTAL</b>			47,220.41	353,255.89	960,125.21	7,182,696.67	109,602.50	819,936.30	127,869.58	956,592.35	9,312,481.22	

2015-01-20	0.12	0.19	0.11	0.07	0.18
2015-01-19	0.06	0.09	0.06	0.04	0.08
2015-01-18	0.13	0.22	0.13	0.08	0.19
2015-01-17	0.11	0.17	0.10	0.07	0.15
2015-01-16	0.08	0.12	0.07	0.05	0.10
2015-01-15	0.06	0.09	0.06	0.04	0.08
2015-01-14	0.03	0.04	0.03	0.02	0.04
2015-01-13	0.04	0.06	0.04	0.03	0.05
2015-01-12	0.03	0.04	0.02	0.02	0.03
2015-01-11	0.01	0.01	0.01	0.01	0.02
2015-01-10	0.05	0.06	0.05	0.03	0.07
2015-01-09	0.06	0.09	0.05	0.03	0.08
2015-01-08	0.05	0.08	0.05	0.03	0.07
2015-01-07	0.06	0.09	0.05	0.03	0.09
2015-01-06	0.06	0.10	0.06	0.04	0.08
2015-01-05	0.05	0.08	0.05	0.03	0.07
2015-01-04	0.05	0.07	0.04	0.03	0.06
2015-01-03	0.02	0.03	0.02	0.01	0.03
2015-01-02	0.01	0.01	0.01	0.01	0.02
2015-01-01	0.02	0.02	0.02	0.01	0.02
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

Pan  
Evaporation

at  
Qtr

2015-03-10	0.04	0.04	0.03	0.02	0.04
2015-03-09	0.02	0.03	0.02	0.01	0.03
2015-03-08	0.08	0.11	0.08	0.05	0.11
2015-03-07	0.11	0.15	0.10	0.07	0.14
2015-03-06	0.09	0.11	0.08	0.05	0.11
2015-03-05	0.07	0.09	0.08	0.04	0.09
2015-03-04	0.04	0.08	0.04	0.02	0.05
2015-03-03	0.02	0.02	0.02	0.01	0.03
2015-03-02	0.03	0.03	0.02	0.02	0.03
2015-03-01	0.02	0.03	0.02	0.01	0.03
2015-02-28	0.02	0.02	0.02	0.01	0.02
2015-02-27	0.03	0.05	0.03	0.02	0.04
2015-02-26	0.07	0.11	0.07	0.05	0.11
2015-02-25	0.07	0.09	0.07	0.04	0.09
2015-02-24	0.04	0.05	0.04	0.02	0.05
2015-02-23	0.03	0.04	0.02	0.02	0.04
2015-02-22	0.05	0.07	0.04	0.03	0.06
2015-02-21	0.09	0.12	0.08	0.05	0.12
2015-02-20	0.04	0.06	0.04	0.03	0.05
2015-02-19	0.10	0.14	0.09	0.06	0.14
2015-02-18	0.07	0.09	0.06	0.04	0.09
2015-02-17	0.07	0.10	0.07	0.04	0.09
2015-02-16	0.03	0.04	0.03	0.02	0.04
2015-02-15	0.07	0.10	0.07	0.04	0.10
2015-02-14	0.14	0.21	0.13	0.09	0.18
2015-02-13	0.11	0.17	0.11	0.07	0.15
2015-02-12	0.10	0.15	0.09	0.06	0.14
2015-02-11	0.11	0.17	0.10	0.07	0.16
2015-02-10	0.11	0.16	0.10	0.07	0.15
2015-02-09	0.13	0.20	0.13	0.08	0.18
2015-02-08	0.11	0.14	0.10	0.07	0.13
2015-02-07	0.11	0.15	0.10	0.07	0.14
2015-02-06	0.08	0.11	0.07	0.05	0.10
2015-02-05	0.03	0.05	0.03	0.02	0.04
2015-02-04	0.04	0.05	0.03	0.02	0.05
2015-02-03	0.08	0.11	0.07	0.05	0.10
2015-02-02	0.05	0.07	0.05	0.03	0.06
2015-02-01	0.05	0.07	0.04	0.03	0.07
2015-01-31	0.08	0.09	0.05	0.04	0.07
2015-01-30	0.07	0.11	0.07	0.05	0.10
2015-01-29	0.12	0.18	0.11	0.07	0.17
2015-01-28	0.14	0.21	0.13	0.08	0.18
2015-01-27	0.10	0.14	0.09	0.06	0.12
2015-01-26	0.10	0.16	0.10	0.06	0.13
2015-01-25	0.12	0.18	0.11	0.07	0.17
2015-01-24	0.08	0.12	0.07	0.05	0.10
2015-01-23	0.06	0.08	0.05	0.04	0.07
2015-01-22	0.02	0.03	0.02	0.01	0.03
2015-01-21	0.08	0.12	0.07	0.05	0.10

Pan  
Evaporation

1st  
P/L

2015-04-28	0.07	0.08	0.06	0.04	0.08
2015-04-27	0.06	0.08	0.06	0.04	0.08
2015-04-26	0.17	0.20	0.15	0.10	0.21
2015-04-25	0.21	0.28	0.20	0.13	0.27
2015-04-24	0.03	0.04	0.03	0.02	0.04
2015-04-23	0.03	0.04	0.03	0.02	0.04
2015-04-22	0.14	0.18	0.13	0.09	0.17
2015-04-21	0.15	0.18	0.14	0.09	0.19
2015-04-20	0.18	0.23	0.17	0.11	0.23
2015-04-19	0.13	0.17	0.12	0.08	0.17
2015-04-18	0.16	0.19	0.15	0.10	0.20
2015-04-17	0.11	0.13	0.10	0.07	0.13
2015-04-16	0.12	0.14	0.11	0.07	0.14
2015-04-15	0.13	0.15	0.12	0.08	0.16
2015-04-14	0.05	0.06	0.04	0.03	0.06
2015-04-13	0.08	0.11	0.07	0.05	0.11
2015-04-12	0.14	0.19	0.13	0.09	0.19
2015-04-11	0.18	0.23	0.16	0.11	0.23
2015-04-10	0.19	0.26	0.17	0.12	0.26
2015-04-09	0.21	0.30	0.20	0.13	0.30
2015-04-08	0.11	0.15	0.10	0.07	0.15
2015-04-07	0.14	0.19	0.13	0.09	0.18
2015-04-06	0.13	0.18	0.12	0.08	0.17
2015-04-05	0.05	0.06	0.04	0.03	0.06
2015-04-04	0.18	0.25	0.17	0.11	0.25
2015-04-03	0.18	0.25	0.17	0.11	0.27
2015-04-02	0.19	0.28	0.18	0.12	0.27
2015-04-01	0.12	0.17	0.11	0.07	0.16
2015-03-31	0.17	0.21	0.16	0.10	0.21
2015-03-30	0.18	0.24	0.17	0.11	0.23
2015-03-29	0.22	0.31	0.21	0.14	0.30
2015-03-28	0.17	0.22	0.16	0.10	0.22
2015-03-27	0.11	0.15	0.10	0.07	0.14
2015-03-26	0.15	0.22	0.14	0.09	0.22
2015-03-25	0.18	0.24	0.16	0.11	0.24
2015-03-24	0.20	0.28	0.19	0.12	0.27
2015-03-23	0.14	0.18	0.13	0.09	0.18
2015-03-22	0.10	0.11	0.09	0.06	0.12
2015-03-21	0.07	0.08	0.06	0.04	0.08
2015-03-20	0.10	0.13	0.09	0.06	0.12
2015-03-19	0.03	0.03	0.02	0.02	0.03
2015-03-18	0.04	0.05	0.04	0.03	0.05
2015-03-17	0.16	0.22	0.14	0.10	0.20
2015-03-16	0.14	0.18	0.13	0.09	0.17
2015-03-15	0.11	0.14	0.10	0.07	0.13
2015-03-14	0.08	0.11	0.07	0.05	0.11
2015-03-13	0.03	0.04	0.03	0.02	0.04
2015-03-12	0.11	0.14	0.10	0.07	0.14
2015-03-11	0.13	0.17	0.12	0.08	0.16

Pan  
 Evaporative  
 1st  
 Qtr



Mesonet  
Seasonal Single Site ET Table  
Tishomingo

Date	Reference ET, Short [in]	Reference ET, Tall [in]	Cool Season Grass ET [in]	Warm Season Grass ET [in]	Pan Evaporation [in]
2015-06-30	0.23	0.26	0.21	0.14	0.28
2015-06-29	0.21	0.24	0.19	0.13	0.25
2015-06-28	0.23	0.25	0.21	0.14	0.27
2015-06-27	0.23	0.27	0.22	0.14	0.29
2015-06-26	0.19	0.23	0.18	0.12	0.23
2015-06-25	0.25	0.28	0.23	0.15	0.31
2015-06-24	0.24	0.28	0.23	0.15	0.30
2015-06-23	0.24	0.27	0.22	0.15	0.30
2015-06-22	0.23	0.28	0.21	0.14	0.30
2015-06-21	0.11	0.13	0.10	0.07	0.13
2015-06-20	0.18	0.22	0.17	0.11	0.23
2015-06-19	0.23	0.25	0.21	0.14	0.28
2015-06-18	0.14	0.18	0.13	0.09	0.18
2015-06-17	0.02	0.03	0.02	0.02	0.03
2015-06-16	0.08	0.09	0.08	0.05	0.10
2015-06-15	0.20	0.24	0.19	0.13	0.25
2015-06-14	0.19	0.23	0.17	0.12	0.24
2015-06-13	0.16	0.19	0.15	0.10	0.19
2015-06-12	0.26	0.33	0.25	0.16	0.35
2015-06-11	0.28	0.36	0.26	0.18	0.38
2015-06-10	0.25	0.29	0.24	0.16	0.32
2015-06-09	0.24	0.28	0.22	0.15	0.29
2015-06-08	0.19	0.21	0.17	0.12	0.23
2015-06-07	0.24	0.28	0.22	0.15	0.30
2015-06-06	0.23	0.25	0.21	0.14	0.27
2015-06-05	0.23	0.26	0.21	0.14	0.28
2015-06-04	0.24	0.29	0.23	0.15	0.30
2015-06-03	0.24	0.29	0.22	0.15	0.31
2015-06-02	0.21	0.25	0.20	0.13	0.26
2015-06-01	0.19	0.21	0.18	0.12	0.23
2015-05-31	0.12	0.14	0.11	0.07	0.14
2015-05-30	0.10	0.1	0.10	0.06	0.12
2015-05-29	0.11	0.12	0.10	0.07	0.13
2015-05-28	0.15	0.18	0.14	0.10	0.19
2015-05-27	0.15	0.17	0.14	0.09	0.18
2015-05-26	0.16	0.19	0.15	0.10	0.20
2015-05-25	0.10	0.12	0.09	0.06	0.12
2015-05-24	0.09	0.10	0.09	0.06	0.11
2015-05-23	0.06	0.08	0.06	0.04	0.08
2015-05-22	0.03	0.03	0.03	0.02	0.04
2015-05-21	0.15	0.19	0.14	0.09	0.19
2015-05-20	0.09	0.10	0.08	0.06	0.11
2015-05-19	0.10	0.12	0.09	0.06	0.12
2015-05-18	0.16	0.18	0.15	0.10	0.19
2015-05-17	0.15	0.18	0.14	0.10	0.19
2015-05-16	0.13	0.17	0.12	0.08	0.17
2015-05-15	0.11	0.14	0.11	0.07	0.14
2015-05-14	0.16	0.20	0.15	0.10	0.20
2015-05-13	0.04	0.05	0.04	0.03	0.05
2015-05-12	0.14	0.17	0.13	0.09	0.18
2015-05-11	0.19	0.24	0.18	0.12	0.25
2015-05-10	0.05	0.06	0.04	0.03	0.06
2015-05-09	0.03	0.04	0.03	0.02	0.04



2015-05-08	0.12	0.15	0.11	0.08	0.15
2015-05-07	0.13	0.15	0.12	0.08	0.16
2015-05-06	0.14	0.18	0.13	0.09	0.19
2015-05-05	0.15	0.18	0.14	0.09	0.19
2015-05-04	0.21	0.26	0.19	0.13	0.26
2015-05-03	0.21	0.27	0.20	0.13	0.26
2015-05-02	0.19	0.23	0.17	0.12	0.23
2015-05-01	0.18	0.21	0.17	0.11	0.23
2015-04-30	0.18	0.21	0.16	0.11	0.22
2015-04-29	0.20	0.25	0.18	0.12	0.26
2015-04-28	0.07	0.08	0.06	0.04	0.08
2015-04-27	0.06	0.08	0.06	0.04	0.08
2015-04-26	0.17	0.20	0.15	0.10	0.21
2015-04-25	0.21	0.26	0.20	0.13	0.27
2015-04-24	0.03	0.04	0.03	0.02	0.04
2015-04-23	0.03	0.04	0.03	0.02	0.04
2015-04-22	0.14	0.18	0.13	0.09	0.17
2015-04-21	0.15	0.18	0.14	0.09	0.19
2015-04-20	0.18	0.23	0.17	0.11	0.23
2015-04-19	0.13	0.17	0.12	0.08	0.17
2015-04-18	0.16	0.19	0.15	0.10	0.20
2015-04-17	0.11	0.13	0.10	0.07	0.13
2015-04-16	0.12	0.14	0.11	0.07	0.14
2015-04-15	0.13	0.15	0.12	0.08	0.16
2015-04-14	0.05	0.06	0.04	0.03	0.06
2015-04-13	0.08	0.11	0.07	0.05	0.11
2015-04-12	0.14	0.19	0.13	0.09	0.19
2015-04-11	0.18	0.23	0.16	0.11	0.23
2015-04-10	0.19	0.26	0.17	0.12	0.26
2015-04-09	0.21	0.30	0.20	0.13	0.30
2015-04-08	0.11	0.15	0.10	0.07	0.15
2015-04-07	0.14	0.19	0.13	0.09	0.18
2015-04-06	0.13	0.18	0.12	0.08	0.17
2015-04-05	0.05	0.06	0.04	0.03	0.06
2015-04-04	0.18	0.25	0.17	0.11	0.25
2015-04-03	0.18	0.25	0.17	0.11	0.27
2015-04-02	0.19	0.26	0.18	0.12	0.27
2015-04-01	0.12	0.17	0.11	0.07	0.16

Mesonet  
Seasonal Single Site ET Table  
Tishomingo  
3rd Quarter 2015

Date	Reference ET, Short [in]	Reference ET, Tall [in]	Cool Season Grass ET [in]	Warm Season Grass ET [in]	Pan Evaporation [in]
2015-09-30	0.18	0.23	0.18	0.11	0.22
2015-09-29	0.17	0.22	0.18	0.10	0.21
2015-09-28	0.11	0.14	0.10	0.07	0.13
2015-09-27	0.16	0.20	0.15	0.10	0.20
2015-09-26	0.17	0.21	0.15	0.10	0.21
2015-09-25	0.17	0.22	0.18	0.11	0.21
2015-09-24	0.16	0.21	0.15	0.10	0.20
2015-09-23	0.18	0.24	0.17	0.11	0.23
2015-09-22	0.19	0.24	0.18	0.12	0.24
2015-09-21	0.17	0.20	0.15	0.10	0.20
2015-09-20	0.04	0.08	0.04	0.03	0.05
2015-09-19	0.13	0.18	0.12	0.08	0.18
2015-09-18	0.23	0.32	0.22	0.14	0.31
2015-09-17	0.25	0.35	0.24	0.16	0.34
2015-09-16	0.22	0.30	0.21	0.14	0.30
2015-09-15	0.20	0.27	0.19	0.12	0.28
2015-09-14	0.25	0.37	0.23	0.16	0.35
2015-09-13	0.24	0.34	0.22	0.15	0.33
2015-09-12	0.21	0.28	0.19	0.13	0.28
2015-09-11	0.23	0.31	0.21	0.14	0.30
2015-09-10	0.17	0.19	0.16	0.10	0.20
2015-09-09	0.14	0.17	0.13	0.08	0.17
2015-09-08	0.26	0.35	0.24	0.18	0.34
2015-09-07	0.24	0.31	0.22	0.15	0.31
2015-09-06	0.22	0.27	0.20	0.14	0.27
2015-09-05	0.21	0.27	0.20	0.13	0.27
2015-09-04	0.24	0.30	0.22	0.15	0.30
2015-09-03	0.22	0.28	0.21	0.14	0.28
2015-09-02	0.23	0.29	0.21	0.14	0.29
2015-09-01	0.23	0.29	0.21	0.14	0.29
2015-08-31	0.22	0.28	0.20	0.14	0.28
2015-08-30	0.20	0.25	0.18	0.12	0.25
2015-08-29	0.20	0.27	0.18	0.12	0.25
2015-08-28	0.21	0.28	0.19	0.13	0.27
2015-08-27	0.19	0.23	0.17	0.12	0.23
2015-08-26	0.21	0.25	0.19	0.13	0.26
2015-08-25	0.20	0.25	0.18	0.12	0.25
2015-08-24	0.22	0.29	0.21	0.14	0.29
2015-08-23	0.22	0.28	0.20	0.13	0.28
2015-08-22	0.21	0.27	0.20	0.13	0.28
2015-08-21	0.22	0.30	0.21	0.14	0.30
2015-08-20	0.20	0.24	0.18	0.12	0.25
2015-08-19	0.13	0.18	0.12	0.08	0.17
2015-08-18	0.22	0.30	0.20	0.13	0.28
2015-08-17	0.22	0.27	0.20	0.14	0.28
2015-08-16	0.22	0.26	0.20	0.14	0.27
2015-08-15	0.24	0.29	0.22	0.15	0.30

2015-08-14	0.19	0.24	0.17	0.12	0.24
2015-08-13	0.25	0.32	0.23	0.15	0.32
2015-08-12	0.28	0.37	0.28	0.17	0.37
2015-08-11	0.29	0.38	0.27	0.18	0.38
2015-08-10	0.26	0.32	0.24	0.16	0.33
2015-08-08	0.27	0.34	0.25	0.17	0.35
2015-08-07	0.28	0.36	0.26	0.18	0.37
2015-08-06	0.30	0.39	0.28	0.19	0.39
2015-08-05	0.27	0.34	0.25	0.17	0.34
2015-08-04	0.09	0.11	0.08	0.05	0.10
2015-08-03	0.17	0.20	0.15	0.10	0.21
2015-08-02	0.16	0.20	0.15	0.10	0.20
2015-08-01	0.21	0.25	0.20	0.13	0.26
2015-07-31	0.17	0.20	0.16	0.10	0.21
2015-07-30	0.24	0.28	0.23	0.15	0.30
2015-07-29	0.25	0.29	0.23	0.15	0.31
2015-07-28	0.26	0.33	0.25	0.16	0.34
2015-07-27	0.25	0.30	0.24	0.16	0.32
2015-07-26	0.25	0.29	0.23	0.15	0.30
2015-07-25	0.25	0.28	0.23	0.15	0.30
2015-07-24	0.25	0.29	0.23	0.16	0.31
2015-07-23	0.26	0.30	0.24	0.16	0.32
2015-07-22	0.22	0.27	0.21	0.14	0.28
2015-07-21	0.21	0.25	0.20	0.13	0.26
2015-07-20	0.25	0.29	0.23	0.15	0.30
2015-07-19	0.25	0.29	0.23	0.15	0.31
2015-07-18	0.26	0.32	0.25	0.16	0.34
2015-07-17	0.26	0.31	0.24	0.16	0.33
2015-07-16	0.25	0.30	0.23	0.16	0.32
2015-07-15	0.25	0.29	0.23	0.15	0.31
2015-07-14	0.25	0.29	0.24	0.16	0.31
2015-07-13	0.26	0.30	0.24	0.16	0.32
2015-07-12	0.24	0.28	0.22	0.15	0.30
2015-07-11	0.25	0.30	0.24	0.16	0.32
2015-07-10	0.24	0.29	0.23	0.15	0.31
2015-07-09	0.18	0.22	0.17	0.11	0.22
2015-07-08	0.08	0.08	0.07	0.05	0.09
2015-07-07	0.12	0.15	0.11	0.07	0.15
2015-07-06	0.18	0.24	0.16	0.11	0.23
2015-07-05	0.24	0.28	0.22	0.15	0.30
2015-07-04	0.22	0.25	0.21	0.14	0.27
2015-07-03	0.18	0.20	0.17	0.11	0.21
2015-07-02	0.20	0.25	0.18	0.12	0.25
2015-07-01	0.25	0.30	0.23	0.15	0.32

Mesonet  
Seasonal Single Site ET Table  
Tishomingo  
4th Quarter 2015

Date	Reference ET, Short f/in	Reference ET, Tall [in]	Cool Season Grass ET f/in	Warm Season Grass ET f/in	Pan Evaporation [in]
12/31/2015	0.03	0.05	0.03	0.02	0.04
12/30/2015	0.03	0.04	0.03	0.02	0.04
12/29/2015	0.02	0.03	0.02	0.01	0.03
12/28/2015	0.02	0.03	0.02	0.01	0.03
12/27/2015	0.03	0.04	0.03	0.02	0.04
12/26/2015	0.02	0.03	0.02	0.01	0.03
12/25/2015	0.1	0.16	0.1	0.06	0.14
12/24/2015	0.09	0.14	0.08	0.06	0.12
12/23/2015	0.11	0.17	0.1	0.07	0.15
12/22/2015	0.1	0.15	0.09	0.06	0.13
12/21/2015	0.07	0.1	0.06	0.04	0.09
12/20/2015	0.06	0.1	0.06	0.04	0.09
12/19/2015	0.09	0.14	0.08	0.05	0.12
12/18/2015	0.04	0.06	0.04	0.03	0.05
12/17/2015	0.07	0.1	0.06	0.04	0.09
12/16/2015	0.08	0.12	0.07	0.05	0.11
12/15/2015	0.08	0.12	0.08	0.05	0.1
12/14/2015	0.1	0.15	0.09	0.06	0.13
12/13/2015	0.08	0.12	0.07	0.05	0.1
12/12/2015	0.06	0.08	0.05	0.03	0.08
12/11/2015	0.07	0.11	0.07	0.05	0.09
12/10/2015	0.06	0.08	0.05	0.04	0.07
12/9/2015	0.08	0.11	0.07	0.05	0.09
12/8/2015	0.09	0.14	0.09	0.06	0.12
12/7/2015	0.07	0.1	0.06	0.04	0.08
12/6/2015	0.08	0.11	0.07	0.05	0.09
12/5/2015	0.06	0.09	0.06	0.04	0.06
12/4/2015	0.05	0.07	0.05	0.03	0.06
12/3/2015	0.05	0.07	0.05	0.03	0.07
12/2/2015	0.06	0.08	0.05	0.04	0.05
12/1/2015	0.04	0.05	0.04	0.02	0.03
11/30/2015	0.02	0.02	0.02	0.01	0.02
11/29/2015	0.02	0.02	0.02	0.01	0.02
11/28/2015	0.01	0.02	0.01	0.01	0.05
11/27/2015	0.04	0.05	0.03	0.02	-0.01
11/26/2015	-0.01	-0.02	-0.01	0	0.06
11/25/2015	0.05	0.07	0.05	0.03	0.1
11/24/2015	0.07	0.11	0.07	0.05	0.07
11/23/2015	0.06	0.08	0.05	0.04	0.06
11/22/2015	0.05	0.07	0.05	0.03	0.14
11/21/2015	0.1	0.16	0.09	0.06	0.12
11/20/2015	0.09	0.14	0.09	0.06	0.14
11/19/2015	0.1	0.16	0.1	0.06	0.16
11/18/2015	0.12	0.19	0.11	0.08	0.15
11/17/2015	0.11	0.16	0.1	0.07	0.04
11/16/2015	0.03	0.04	0.03	0.02	0.07
11/15/2015	0.05	0.08	0.05	0.03	0.1

11/14/2015	0.08	0.12	0.08	0.05	0.11
11/13/2015	0.09	0.12	0.08	0.05	0.15
11/12/2015	0.11	0.17	0.1	0.07	0.24
11/11/2015	0.16	0.25	0.15	0.1	0.11
11/10/2015	0.09	0.12	0.08	0.05	0.11
11/9/2015	0.09	0.12	0.08	0.05	0.11
11/8/2015	0.09	0.12	0.08	0.05	0.15
11/7/2015	0.12	0.17	0.11	0.07	0.13
11/6/2015	0.1	0.15	0.09	0.08	0.03
11/5/2015	0.02	0.02	0.02	0.01	0.08
11/4/2015	0.06	0.09	0.06	0.04	0.08
11/3/2015	0.07	0.09	0.06	0.04	0.09
11/2/2015	0.07	0.09	0.07	0.04	0.05
11/1/2015	0.04	0.05	0.04	0.03	0.03
10/31/2015	0.02	0.02	0.02	0.02	0.05
10/30/2015	0.04	0.06	0.04	0.03	0.12
10/29/2015	0.1	0.13	0.09	0.06	0.14
10/28/2015	0.11	0.15	0.1	0.07	0.11
10/27/2015	0.09	0.11	0.08	0.06	0.15
10/26/2015	0.12	0.17	0.11	0.07	0.16
10/25/2015	0.12	0.17	0.11	0.07	0.08
10/24/2015	0.06	0.09	0.06	0.04	0.07
10/23/2015	0.05	0.06	0.05	0.03	0.12
10/22/2015	0.1	0.14	0.09	0.06	0.18
10/21/2015	0.14	0.19	0.13	0.09	0.21
10/20/2015	0.16	0.23	0.15	0.1	0.26
10/19/2015	0.18	0.27	0.17	0.11	0.21
10/18/2015	0.15	0.23	0.14	0.1	0.21
10/17/2015	0.15	0.22	0.14	0.09	0.27
10/16/2015	0.18	0.29	0.17	0.11	0.27
10/15/2015	0.2	0.3	0.19	0.13	0.22
10/14/2015	0.17	0.25	0.18	0.11	0.22
10/13/2015	0.16	0.23	0.15	0.1	
10/12/2015	0.2	0.29	0.19	0.12	0.27
10/11/2015	0.2	0.28	0.18	0.12	0.26
10/10/2015	0.12	0.16	0.12	0.08	0.15
10/9/2015	0.07	0.09	0.06	0.04	0.09
10/8/2015	0.13	0.16	0.12	0.08	0.16
10/7/2015	0.14	0.19	0.13	0.09	0.18
10/6/2015	0.13	0.16	0.12	0.08	0.15
10/5/2015	0.11	0.14	0.1	0.07	0.13
10/4/2015	0.14	0.18	0.13	0.09	0.17
10/3/2015	0.14	0.18	0.13	0.08	0.17
10/2/2015	0.17	0.24	0.16	0.1	0.23
10/1/2015	0.06	0.08	0.06	0.04	0.08

**MILL CREEK DOLOMITE WATER USEAGE LOG**  
**2015**

<b>Water Truck Summary</b>			
	<b>Loads</b>	<b>Gallons</b>	
	<b>1</b>	<b>4,500</b>	
	<b>Loads</b>	<b>Gallons</b>	<b>Rainfall</b>
<b>1st Quarter totals</b>	7.5	33694	3.0
<b>2nd Quarter totals</b>	32.8	147375	13.0
<b>3rd Quarter totals</b>	65.8	295875	8.7
<b>4th Quarter totals</b>	42.5	191250	9.4
<b>2014 Totals</b>	<b>148.5</b>	<b>668194</b>	<b>34.0</b>

<b>WELL</b>		
	<b>PU - 21</b>	<b>Ag Lime</b>
	<b>Hour Meter</b>	<b>Hours Ran</b>
<b>1st Quarter totals</b>	11027	0
<b>2nd Quarter totals</b>	11027	0
<b>3rd Quarter totals</b>	11062	35
<b>4th Quarter totals</b>	11062	0
<b>2014 Totals</b>		<b>35.0</b>
<b>Total gallons ( @ 476.47/hr)</b>		<b>16676</b>

<b>TOTAL 2014 GROUNDWATER USEAGE (gallons)</b>	<b>684870</b>
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DATE	WK	PU-19 QA		PU-18 QB		PU-04 Big		PU-03 Little		PU-21 AG-Lime	
		65HP Meter	HRS. RAN	35HP Meter	HRS. RAN	Meter	Hrs. Ran	Meter	Hrs.	Meter	Hrs.
1/5/15	1	3362.0	19.0	929.0	1.0	3426.0	8.0	1279.0	0.0	11027.0	0.0
1/12/15	2	3390.0	28.0	929.0	0.0	3448.0	22.0	1279.0	0.0	11027.0	0.0
1/19/15	3	3412.0	22.0	1001.0	72.0	3481.0	33.0	1279.0	0.0	11027.0	0.0
1/26/15	4	3436.0	24.0	1050.0	49.0	3516.0	35.0	1279.0	0.0	11027.0	0.0
1/30/15	5	3460.0	24.0	1050.0	0.0	3516.0	0.0	1279.0	0.0	11027.0	0.0
			117.0		122.0		98.0		0.0		0.0
2/2/15	5	3468.0	8.0	1050.0	0.0	3516.0	0.0	1279.0		11027.0	0.0
2/9/15	6	3500.0	32.0	1055.0	5.0	3524.0	8.0	1279.0	0.0	11027.0	0.0
2/16/15	7	3530.0	30.0	1124.0	69.0	3585.0	61.0	1279.0	0.0	11027.0	0.0
2/28/15	8	3588.0	58.0	1124.0	0.0	3678.0	93.0	1279.0	0.0	11027.0	0.0
			128.0		74.0		162.0		0.0		0.0
3/2/15	9	3592.0	4.0	1124.0	0.0	3678.0	0.0	1279.0	0.0	11027.0	0.0
3/9/15	10	3636.0	44.0	1315.0	191.0	3711.0	33.0	1279.0	0.0	11027.0	0.0
3/16/15	11	3675.0	39.0	1315.0	0.0	3745.0	34.0	1279.0	0.0	11027.0	0.0
3/31/15	12	3773.0	98.0	1406.0	91.0	3910.0	165.0	1279.0	0.0	11027.0	0.0
			185.0		282.0		232.0		0.0		0.0
4/6/15	13	3796.0	23.0	1437.0	31.0	3980.0	70.0	1279.0	0.0	11027.0	0.0
4/13/15	14	3827.0	31.0	1533.0	96.0	4118.0	138.0	1279.0	0.0	11027.0	0.0
4/20/15	15	3880.0	53.0	1591.0	58.0	4219.0	101.0	1279.0	0.0	11027.0	0.0
4/27/15	16	3915.0	35.0	1666.0	75.0	4325.0	106.0	1279.0	0.0	11027.0	0.0
			142.0		260.0		415.0		0.0		0.0
5/4/15	17	4004.0	89.0	1791.0	125.0	4432.0	107.0	1279.0	0.0	11027.0	0.0
5/11/15	18	4052.0	48.0	1915.0	124.0	4456.0	24.0	1279.0	0.0	11027.0	0.0
5/18/15	19	4052.0	55.3	2083.0	168.0	4456.0	0.0	1279.0	0.0	11027.0	0.0
5/25/15	20	4052.0	152.4	2251.0	168.0	4456.0	0.0	1279.0	0.0	11027.0	0.0
6/1/15	22	4052.0	87.7	2441.0	190.0	4551.0	95.0	1279.0	0.0	11027.0	0.0
			432.4		775.0		226.0		0.0		0.0
6/8/15	23	4052.0	6.7	2583.0	142.0	4660.0	109.0	1279.0	0.0	11027.0	0.0
6/15/15	24	4052.0	51.7	2748.0	165.0	4700.0	40.0	1279.0	0.0	11027.0	0.0
6/22/15	25	4052.0	197.4	2914.0	166.0	4747.0	47.0	1279.0	0.0	11027.0	0.0
6/29/15	26	4052.0	6.7	3080.0	166.0	4914.0	167.0	1279.0	0.0	11027.0	0.0
			262.5		639.0		363.0		0.0		0.0
7/6/15	27	4052.0	104.7	3250.0	170.0	4914.0	167.0	1279.0	0.0	11027.0	0.0
7/13/15	28	4052.0	74.2	3418.0	168.0	5059.0	145.0	1279.0	0.0	11027.0	0.0
7/20/15	29	4052.0	6.7	3588.0	170.0	5210.0	151.0	1279.0	0.0	11027	0.0
7/27/15	30	4069.0	17.0	3651.0	63.0	5340.0	130.0	1279.0	0.0	11027	0.0
			202.6		571.0		593.0		0.0		0.0
8/3/15	31	4106.0	37.0	3717.0	66.0	5489.0	149.0	1279.0	0.0	11027	0.0
8/10/15	32	4126.0	20.0	3782.0	65.0	5512.0	23.0	1279.0	0.0	11027	0.0
8/17/15	33	4147.0	21.0	3827.0	45.0	5554.0	65.0	1279.0	0.0	11027	0.0
8/24/15	34	4173.0	26.0	3895.0	68.0	5601.0	89.0	1279.0	0.0	11027	0.0
8/31/15	35	4192.0	19.0	3944.0	49.0	5614.0	60.0	1279.0	0.0	11027	0.0

**QUARRY DEWATER & CREEK MAKE-UP WATER**

DATE	WK	PU-19 QA		PU-18 QB		PU-04 Blg		PU-03 Little		PU-21 AG- Lime	
		65HP Meter Reading	HRS. RAN	35HP Meter Reading	HRS. RAN	Meter	Hrs. Ran	Meter	Hrs.	Meter	Hrs.
			123.0		293.0		386.0		0.0		0.0
9/1/15	36	4202.0	10.0	4014.0	70.0	5674.0	60.0	1279.0	0.0	11040.0	13.0
9/11/15	37	4224.0	22.0	4037.0	23.0	5753.0	79.0	1279.0	0.0	11055.0	15.0
9/18/15	38	4248.0	24.0	4148.0	111.0	5789.0	36.0	1279.0	0.0	11062.0	7.0
9/25/15	39	4269.7	21.7	4238.6	90.6	5854.4	65.4	1279.0	0.0	11062.0	0.0
			77.7		294.6		240.4		0.0		35.0
10/2/15	40	4287.5	17.8	4238.6	0.0	5882.7	28.3	1279.0	0.0	11062.0	0.0
10/9/15	41	4310.6	23.1	4341.5	102.9	5910.0	27.3	1279.0	0.0	11062.0	0.0
10/16/15	42	4319.4	8.8	4379.6	38.1	5960.9	50.9	1279.0	0.0	11062.0	0.0
10/23/15	43	4385.7	66.3	4523.8	144.2	5987.0	26.1	1279.0	0.0	11062.0	0.0
10/30/15	44	4462.3	76.6	4679.3	155.5	5987.0	0.0	1279.0	0.0	11062.0	0.0
			192.6		440.7		132.6		0.0		0.0
11/6/15	45	4478.0	15.7	4775.0	95.7	5987.0	0.0	1279.0	0.0	11062.0	0.0
11/13/15	46	4521.0	43.0	4927.0	152.0	6007.0	20.0	1279.0	0.0	11062.0	0.0
11/20/15	47	4565.0	44.0	5081.0	154.0	6031.0	24.0	1279.0	0.0	11062.0	0.0
11/27/15	48	4682.0	117.0	5302.0	221.0	6146.0	115.0	1279.0	0.0	11062.0	0.0
			219.7		622.7		159.0		0.0		0.0
12/4/15	49	4787.0	105.0	5483.0	181.0	6271.0	125.0	1279.0	0.0	11062.0	0.0
12/11/15	50	4809.0	22.0	5569.0	86.0	6311.0	40.0	1279.0	0.0	11062.0	0.0
12/18/15	51	4829.0	20.0	5654.0	85.0	6311.0	0.0	1279.0	0.0	11062.0	0.0
12/25/15	52	4922.0	93.0	5899.0	245.0	6311.0	0.0	1279.0	0.0	11062.0	0.0
			240.0		597.0		165.0	0.0	0.0		0.0
	YTD	TOTALS	2322.5		4971.0		3172.0		0.0		35.0



Day/Date	Wk#	MCD Rainfall Measure ment	Sulphur Mesonet	Tishomingo Mesonet
Monday, December 29, 2014		0	0	0
Tuesday, December 30, 2014		0	0	0
Wednesday, December 31, 2014		0	0	0
Thursday, January 01, 2015		0	0.12	0.21
Friday, January 02, 2015		0	0.43	0.66
Saturday, January 03, 2015		1.5	0.2	0.21
Sunday, January 04, 2015		0	0	0
Totals	1	1.5	0.75	1.08
Monday, January 05, 2015		0	0	0
Tuesday, January 06, 2015		0	0	0
Wednesday, January 07, 2015		0	0	0
Thursday, January 08, 2015		0	0	0
Friday, January 09, 2015		0	0	0
Saturday, January 10, 2015		0	0	0
Sunday, January 11, 2015		0	0.01	0.12
Totals	2	0	0.01	0.12
Monday, January 12, 2015		0	0	0
Tuesday, January 13, 2015		0	0	0
Wednesday, January 14, 2015		0	0	0
Thursday, January 15, 2015		0.5	0	0
Friday, January 16, 2015		0	0	0
Saturday, January 17, 2015		0	0	0
Sunday, January 18, 2015		0	0	0
Totals	3	0.5	0	0
Monday, January 19, 2015		0	0	0
Tuesday, January 20, 2015		0	0	0
Wednesday, January 21, 2015		0	0.02	0.12
Thursday, January 22, 2015		0	0.34	0.52
Friday, January 23, 2015		0	0	0
Saturday, January 24, 2015		0	0	0
Sunday, January 25, 2015		0	0	0
Totals	4	0	0.36	0.64
Monday, January 26, 2015		0	0	0
Tuesday, January 27, 2015		0	0	0
Wednesday, January 28, 2015		0	0	0
Thursday, January 29, 2015		0	0	0
Friday, January 30, 2015		0	0	0
Saturday, January 31, 2015		1.4	0.7	0.86
Sunday, February 01, 2015		0	0.04	0.07
Totals	5	1.4	0.74	0.93
Monday, February 02, 2015		0	0	0
Tuesday, February 03, 2015		0	0	0

Day/Date	Wk#	MCD Rainfall Measure ment	Sulphur Mesonet	Tishomingo Mesonet
Wednesday, February 04, 2015		0	0	0
Thursday, February 05, 2015		0	0	0
Friday, February 06, 2015		0.6	0	0
Saturday, February 07, 2015		0	0	0
Sunday, February 08, 2015		0	0	0
Totals	6	0.6	0	0
Monday, February 09, 2015		0	0	0
Tuesday, February 10, 2015		0	0	0
Wednesday, February 11, 2015		0	0	0
Thursday, February 12, 2015		0.5	0	0
Friday, February 13, 2015		0	0	0
Saturday, February 14, 2015		0	0	0
Sunday, February 15, 2015		0	0.09	0.6
Totals	7	0.5	0.09	0.6
Monday, February 16, 2015		0	0.04	0.02
Tuesday, February 17, 2015		0	0.06	0
Wednesday, February 18, 2015		0	0	0
Thursday, February 19, 2015		0	0	0
Friday, February 20, 2015		0	0	0
Saturday, February 21, 2015		0	0	0
Sunday, February 22, 2015		0	0	0.16
Totals	8	0	0.1	0.18
Monday, February 23, 2015		0	0	0
Tuesday, February 24, 2015		0	0.16	0.14
Wednesday, February 25, 2015		0	0.17	0.13
Thursday, February 26, 2015		0	0	0.01
Friday, February 27, 2015		0	0	0
Saturday, February 28, 2015		0.7	0	0
Sunday, March 01, 2015		0	0.19	0.3
Totals	9	0.7	0.52	0.58
Monday, March 02, 2015		0	0.26	0.17
Tuesday, March 03, 2015		0	0.03	0.03
Wednesday, March 04, 2015		0.6	0.24	0.3
Thursday, March 05, 2015		0	0.16	0.15
Friday, March 06, 2015		0	0	0
Saturday, March 07, 2015		0	0	0
Sunday, March 08, 2015		0.4	0	0
Totals	10	1	0.69	0.65
Monday, March 09, 2015		0	0.41	0.37
Tuesday, March 10, 2015		0	0	0.01
Wednesday, March 11, 2015		0	0.01	0
Thursday, March 12, 2015		0	0	0

Day/Date	Wk#	MCD Rainfall Measure ment	Sulphur Mesonet	Tishomingo Mesonet
Friday, March 13, 2015		0.7	0.72	0.69
Saturday, March 14, 2015		0	0.02	0.03
Sunday, March 15, 2015		0	0	0
Totals	11	0.7	1.16	1.1
Monday, March 16, 2015		0	0	0
Tuesday, March 17, 2015		0	0	0
Wednesday, March 18, 2015		0.2	0.25	0.31
Thursday, March 19, 2015		0	0.09	0.04
Friday, March 20, 2015		0	0.03	0.29
Saturday, March 21, 2015		0	0	0.08
Sunday, March 22, 2015		0.4	0.12	0.23
Totals	12	0.6	0.49	0.95
Monday, March 23, 2015		0	0	0
Tuesday, March 24, 2015		0	0	0
Wednesday, March 25, 2015		0.7	0.53	0.35
Thursday, March 26, 2015		0	0	0
Friday, March 27, 2015		0	0	0
Saturday, March 28, 2015		0	0	0
Sunday, March 29, 2015		0	0	0
Totals	13	0.7	0.53	0.35
Monday, March 30, 2015		0	0	0
Tuesday, March 31, 2015		0	0.02	0
Wednesday, April 01, 2015		0.02	0.04	0.02
Thursday, April 02, 2015		0	0	0
Friday, April 03, 2015		0	0	0
Saturday, April 04, 2015		0	0	0
Sunday, April 05, 2015		0.23	0.12	0.23
Totals	14	0.25	0.18	0.25
Monday, April 06, 2015		0.02	0.01	0.02
Tuesday, April 07, 2015		0	0	0
Wednesday, April 08, 2015		0.01	0	0.01
Thursday, April 09, 2015		0	0	0
Friday, April 10, 2015		0	0	0
Saturday, April 11, 2015		0	0	0
Sunday, April 12, 2015		0	0	0
Totals	15	0.03	0.01	0.03
Monday, April 13, 2015		1.0	1.39	1.84
Tuesday, April 14, 2015		0.1	0.59	0.17
Wednesday, April 15, 2015		0	0	0.03
Thursday, April 16, 2015		0.7	0	0
Friday, April 17, 2015		0	0.37	0.42
Saturday, April 18, 2015		0	0.02	0.17

Day/Date	Wk#	MCD Rainfall Measure ment	Sulphur Mesonet	Tishomingo Mesonet
Sunday, April 19, 2015		0	0	0
Totals	16	1.8	2.37	2.63
Monday, April 20, 2015		0.7	0	0
Tuesday, April 21, 2015		0	0.01	0
Wednesday, April 22, 2015		0.5	0.18	0.15
Thursday, April 23, 2015		0	0.04	0.13
Friday, April 24, 2015		1.1	0.42	0.71
Saturday, April 25, 2015		0	0	0
Sunday, April 26, 2015		0	0.35	1.08
Totals	17	2.3	1	2.07
Monday, April 27, 2015		0	0.72	0.06
Tuesday, April 28, 2015		0.1	0	0.11
Wednesday, April 29, 2015		0	0	0
Thursday, April 30, 2015		0	0	0
Friday, May 01, 2015		0	0	0
Saturday, May 02, 2015		0	0	0
Sunday, May 03, 2015		0	0	0
Totals	18	0.1	0.72	0.17
Monday, May 04, 2015		0	0	0
Tuesday, May 05, 2015		2.6	0.68	1.14
Wednesday, May 06, 2015		1.3	0.28	0.16
Thursday, May 07, 2015		1.9	1.4	2.5
Friday, May 08, 2015		0.9	1.59	2.25
Saturday, May 09, 2015		2.2	3.15	0.7
Sunday, May 10, 2015		1.8	0.64	1.95
Totals	19	10.7	7.74	8.7
Monday, May 11, 2015		0	0	0
Tuesday, May 12, 2015		0	0	0
Wednesday, May 13, 2015		0.5	0.45	0.47
Thursday, May 14, 2015		0	0.01	0
Friday, May 15, 2015		0	0.11	0.16
Saturday, May 16, 2015		2.2	1.23	0.45
Sunday, May 17, 2015		0	0.07	0.74
Totals	20	2.7	1.87	1.82
Monday, May 18, 2015		0.2	0	0
Tuesday, May 19, 2015		2.9	1.61	1.48
Wednesday, May 20, 2015		0	0.55	1.81
Thursday, May 21, 2015		0	0.23	0.04
Friday, May 22, 2015		2.0	1.88	1.95
Saturday, May 23, 2015		1.0	0.3	0.19
Sunday, May 24, 2015		2.0	1.41	2.23
Totals	21	8.1	5.98	7.7

Day/Date	Wk#	MCD Rainfall Measure ment	Sulphur Mesonet	Tishomingo Mesonet
Monday, May 25, 2015		0.9	0.47	1.32
Tuesday, May 26, 2015		0	0	0
Wednesday, May 27, 2015		0	0.45	0
Thursday, May 28, 2015		3.6	1.74	2.37
Friday, May 29, 2015		0	0.36	0.76
Saturday, May 30, 2015		0	0	0.14
Sunday, May 31, 2015		0	0	0
<b>Totals</b>	<b>22</b>	<b>4.5</b>	<b>3.02</b>	<b>4.59</b>
Monday, June 01, 2015		0	0	0
Tuesday, June 02, 2015		0	0	0
Wednesday, June 03, 2015		0	0	0
Thursday, June 04, 2015		0	0	0
Friday, June 05, 2015		0	0	0
Saturday, June 06, 2015		0	0	0
Sunday, June 07, 2015		0	0	0
<b>Totals</b>	<b>23</b>	<b>0</b>	<b>0</b>	<b>0</b>
Monday, June 08, 2015		0	0	0
Tuesday, June 09, 2015		0	0	0
Wednesday, June 10, 2015		0	0	0
Thursday, June 11, 2015		0	0	0
Friday, June 12, 2015		0	0	0
Saturday, June 13, 2015		1.0	0.98	0.53
Sunday, June 14, 2015		1.5	0.21	0.25
<b>Totals</b>	<b>24</b>	<b>2.5</b>	<b>1.19</b>	<b>0.78</b>
Monday, June 15, 2015		2.2	0.67	4.6
Tuesday, June 16, 2015		0.55	0.35	1.68
Wednesday, June 17, 2015		7.25	5.2	4.87
Thursday, June 18, 2015		0.3	2.29	0.61
Friday, June 19, 2015		0	0	0
Saturday, June 20, 2015		0	0	0
Sunday, June 21, 2015		0.3	0	0.08
<b>Totals</b>	<b>25</b>	<b>10.6</b>	<b>8.51</b>	<b>11.84</b>
Monday, June 22, 2015		0	0	0
Tuesday, June 23, 2015		0	0	0
Wednesday, June 24, 2015		0	0	0
Thursday, June 25, 2015		0	0	0
Friday, June 26, 2015		0	0.21	0.1
Saturday, June 27, 2015		0	0.01	0
Sunday, June 28, 2015		0	0	0
<b>Totals</b>	<b>26</b>	<b>0</b>	<b>0.22</b>	<b>0.1</b>
Monday, June 29, 2015		0	0.01	0.43
Tuesday, June 30, 2015		1.15	0	0

Day/Date	Wk#	MCD Rainfall Measure ment	Sulphur Mesonet	Tishomingo Mesonet
Wednesday, July 01, 2015		0	0	0
Thursday, July 02, 2015		0	0.08	0
Friday, July 03, 2015		1.3	5.57	2.24
Saturday, July 04, 2015		3.0	0.06	0.41
Sunday, July 05, 2015		0	0	0
Totals	27	5.45	5.72	3.08
Monday, July 06, 2015		0	0	0
Tuesday, July 07, 2015		0	2.87	0.68
Wednesday, July 08, 2015		3.75	4.01	4.71
Thursday, July 09, 2015		0	0.03	0.3
Friday, July 10, 2015		0	0	0
Saturday, July 11, 2015		0	0	0
Sunday, July 12, 2015		0	0	0
Totals	28	3.75	6.91	5.69
Monday, July 13, 2015		0	0	0
Tuesday, July 14, 2015		0	0	0
Wednesday, July 15, 2015		0	0	0
Thursday, July 16, 2015		0	0	0
Friday, July 17, 2015		0	0	0
Saturday, July 18, 2015		0	0	0
Sunday, July 19, 2015		0	0	0
Totals	29	0	0	0
Monday, July 20, 2015		0	0	0
Tuesday, July 21, 2015		0	0.07	0
Wednesday, July 22, 2015		0	0.21	0.04
Thursday, July 23, 2015		0	0	0
Friday, July 24, 2015		0	0	0
Saturday, July 25, 2015		0	0	0
Sunday, July 26, 2015		0	0	0
Totals	30	0	0.28	0.04
Monday, July 27, 2015		0	0	0
Tuesday, July 28, 2015		0	0	0
Wednesday, July 29, 2015		0	0	0
Thursday, July 30, 2015		0	0	0
Friday, July 31, 2015		0	0	0
Saturday, August 01, 2015		0	0	0
Sunday, August 02, 2015		0	0	0
Totals	31	0	0	0
Monday, August 03, 2015		0	0	0.03
Tuesday, August 04, 2015		0.1	0.19	0.03
Wednesday, August 05, 2015		0	0	0
Thursday, August 06, 2015		0	0	0

Day/Date	Wk#	MCD Rainfall Measure ment	Sulphur Mesonet	Tishomingo Mesonet
Friday, August 07, 2015		0	0	0
Saturday, August 08, 2015		0	0	0
Sunday, August 09, 2015		0	0	0
Totals	32	0.1	0.19	0.06
Monday, August 10, 2015		0	0	0
Tuesday, August 11, 2015		0	0	0
Wednesday, August 12, 2015		0	0	0
Thursday, August 13, 2015		0	0	0
Friday, August 14, 2015		0	0	0
Saturday, August 15, 2015		0	0	0
Sunday, August 16, 2015		0	0	0
Totals	33	0	0	0
Monday, August 17, 2015		0	0	0
Tuesday, August 18, 2015		0	0	0
Wednesday, August 19, 2015		0.13	0.06	0.13
Thursday, August 20, 2015		0	0.01	0
Friday, August 21, 2015		0	0	0
Saturday, August 22, 2015		0	0	0
Sunday, August 23, 2015		0	0	0
Totals	34	0.13	0.07	0.13
Monday, August 24, 2015		0	0	0
Tuesday, August 25, 2015		0	0	0
Wednesday, August 26, 2015		0	0	0
Thursday, August 27, 2015		0	0	0
Friday, August 28, 2015		0	0	0
Saturday, August 29, 2015		0	0	0
Sunday, August 30, 2015		0	0	0
Totals	35	0	0	0
Monday, August 31, 2015		0	0	0
Tuesday, September 01, 2015		0	0	0
Wednesday, September 02, 2015		0	0	0
Thursday, September 03, 2015		0	0	0
Friday, September 04, 2015		0	0	0
Saturday, September 05, 2015		0	0	0
Sunday, September 06, 2015		0	0	0
Totals	36	0	0	0
Monday, September 07, 2015		0	0	0
Tuesday, September 08, 2015		1.2	1.22	0.29
Wednesday, September 09, 2015		0.4	0.31	0.37
Thursday, September 10, 2015		0	0.01	0
Friday, September 11, 2015		0	0	0
Saturday, September 12, 2015		0	0	0
Sunday, September 13, 2015		0	0	0

Day/Date	Wk#	MCD Rainfall Measure ment	Sulphur Mesonet	Tishomingo Mesonet
Totals	37	1.6	1.54	0.66
Monday, September 14, 2015		0	0	0
Tuesday, September 15, 2015		0	0	0
Wednesday, September 16, 2015		0	0	0
Thursday, September 17, 2015		0	0	0
Friday, September 18, 2015		0	0	0
Saturday, September 19, 2015		0.4	0.96	0.24
Sunday, September 20, 2015		0.5	0.87	0.31
Totals	38	0.9	1.83	0.55
Monday, September 21, 2015		0	0	0
Tuesday, September 22, 2015		0	0	0
Wednesday, September 23, 2015		0	0	0
Thursday, September 24, 2015		0	0	0
Friday, September 25, 2015		0	0	0
Saturday, September 26, 2015		0	0	0
Sunday, September 27, 2015		0	0	0
Totals	39	0	0	0
Monday, September 28, 2015		0	0	0
Tuesday, September 29, 2015		0	0	0
Wednesday, September 30, 2015		0	0	0
Thursday, October 01, 2015		0.19	0.16	0.19
Friday, October 02, 2015		0	0	0
Saturday, October 03, 2015		0	0	0
Sunday, October 04, 2015		0	0	0
Totals	40	0.19	0.16	0.19
Monday, October 05, 2015		0	0	0
Tuesday, October 06, 2015		0	0	0
Wednesday, October 07, 2015		0	0	0
Thursday, October 08, 2015		0	0	0
Friday, October 09, 2015		0	0.03	0
Saturday, October 10, 2015		0.1	0.01	0.1
Sunday, October 11, 2015		0	0	0
Totals	41	0.1	0.04	0.1
Monday, October 12, 2015		0	0	0
Tuesday, October 13, 2015		0	0	0
Wednesday, October 14, 2015		0	0	0
Thursday, October 15, 2015		0	0	0
Friday, October 16, 2015		0	0	0
Saturday, October 17, 2015		0	0	0
Sunday, October 18, 2015		0	0	0
Totals	42	0	0	0
Monday, October 19, 2015		0	0	0
Tuesday, October 20, 2015		0	0	0
Wednesday, October 21, 2015		0	0	0
Thursday, October 22, 2015		4.75	1.85	5.45
Friday, October 23, 2015		0.31	0.03	0.31
Saturday, October 24, 2015		0.47	0.02	0.47



Day/Date	Wk#	MCD Rainfall Measure ment	Sulphur Mesonet	Tishomingo Mesonet
Sunday, October 25, 2015		0	0	0
<b>Totals</b>	<b>43</b>	<b>5.53</b>	<b>1.9</b>	<b>6.23</b>
Monday, October 26, 2015		0	0	0
Tuesday, October 27, 2015		0	0	0
Wednesday, October 28, 2015		0	0	0
Thursday, October 29, 2015		0.01	0	0.01
Friday, October 30, 2015		3.2	2.62	2.91
Saturday, October 31, 2015		0.01	0.01	0.01
Sunday, November 01, 2015		0	0.01	0
<b>Totals</b>	<b>44</b>	<b>3.22</b>	<b>2.64</b>	<b>2.93</b>
Monday, November 02, 2015		0	0	0
Tuesday, November 03, 2015		0	0	0
Wednesday, November 04, 2015		0	0	0
Thursday, November 05, 2015		0.85	0.36	0.85
Friday, November 06, 2015		0	0	0
Saturday, November 07, 2015		0.04	0.01	0.04
Sunday, November 08, 2015		0	0	0
<b>Totals</b>	<b>45</b>	<b>0.89</b>	<b>0.37</b>	<b>0.89</b>
Monday, November 09, 2015		0	0	0
Tuesday, November 10, 2015		0	0	0
Wednesday, November 11, 2015		0	0	0
Thursday, November 12, 2015		0	0	0
Friday, November 13, 2015		0	0	0
Saturday, November 14, 2015		0	0	0
Sunday, November 15, 2015		0.37	0.24	0.37
<b>Totals</b>	<b>46</b>	<b>0.37</b>	<b>0.24</b>	<b>0.37</b>
Monday, November 16, 2015		0.25	0.17	0.25
Tuesday, November 17, 2015		0.92	0.85	0.92
Wednesday, November 18, 2015		0	0	0
Thursday, November 19, 2015		0	0	0
Friday, November 20, 2015		0	0	0
Saturday, November 21, 2015		0	0	0
Sunday, November 22, 2015		0	0	0
<b>Totals</b>	<b>47</b>	<b>1.17</b>	<b>1.02</b>	<b>1.17</b>
Monday, November 23, 2015		0	0	0
Tuesday, November 24, 2015		0	0	0
Wednesday, November 25, 2015		0.01	0.01	0.01
Thursday, November 26, 2015		1.61	1.09	1.61
Friday, November 27, 2015		3.64	3.04	3.64
Saturday, November 28, 2015		1.34	0.99	1.34
Sunday, November 29, 2015		0.54	0.71	0.54
<b>Totals</b>	<b>48</b>	<b>7.14</b>	<b>5.84</b>	<b>7.14</b>
Monday, November 30, 2015		0.05	0.04	0.05
Tuesday, December 01, 2015		0	0	0
Wednesday, December 02, 2015		0	0	0
Thursday, December 03, 2015		0	0.01	0
Friday, December 04, 2015		0	0	0

Day/Date	Wk#	MCD Rainfall Measure ment	Sulphur Mesonet	Tishomingo Mesonet
Saturday, December 05, 2015		0	0	0
Sunday, December 06, 2015		0	0	0
<b>Totals</b>	<b>49</b>	<b>0.05</b>	<b>0.05</b>	<b>0.05</b>
Monday, December 07, 2015		0	0	0
Tuesday, December 08, 2015		0	0	0
Wednesday, December 09, 2015		0	0	0
Thursday, December 10, 2015		0	0	0
Friday, December 11, 2015		0	0	0
Saturday, December 12, 2015		0	0	0
Sunday, December 13, 2015		0.65	0.73	0.65
<b>Totals</b>	<b>50</b>	<b>0.65</b>	<b>0.73</b>	<b>0.65</b>
Monday, December 14, 2015		0	0	0
Tuesday, December 15, 2015		0	0	0
Wednesday, December 16, 2015		0	0	0
Thursday, December 17, 2015		0	0	0
Friday, December 18, 2015		0	0	0
Saturday, December 19, 2015		0	0	0
Sunday, December 20, 2015		0	0	0
<b>Totals</b>	<b>51</b>	<b>0</b>	<b>0</b>	<b>0</b>
Monday, December 21, 2015		0	0	0
Tuesday, December 22, 2015		0	0	0
Wednesday, December 23, 2015		0	0	0
Thursday, December 24, 2015		0	0	0
Friday, December 25, 2015		0	0	0
Saturday, December 26, 2015		2.94	3.06	2.81
Sunday, December 27, 2015		2.18	2.10	2.25
<b>Totals</b>	<b>52</b>	<b>5.11</b>	<b>5.16</b>	<b>5.06</b>