

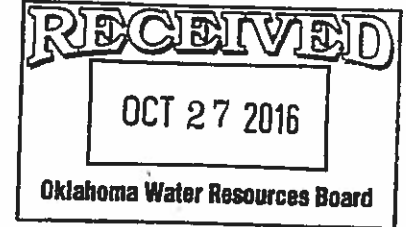


MILL CREEK DOLOMITE, LLC.

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

10/25/16

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



Re: Consumptive Use of Pit Water, 3rd Quarter Report 2016

Dear Mr. Wilkins;

As required under **Oklahoma Statute 82-1020.2 (E) (1)** and **Oklahoma Administrative Code 785:30-15**, Mill Creek Dolomite is submitting the following water report for the Third quarter of calendar year 2016.

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
kenb@min-ad.com.com

CONSUMPTIVE USE REPORT

3rd QUARTER, 2016
MILL CREEK DOLOMITE, LLC
MILL CREEK MINE & MILL

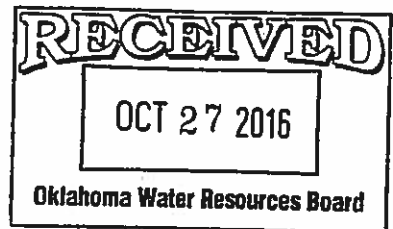


TABLE 1: Estimated Consumptive Use of Pit Water

PIT GROUNDWATER VOLUME		VALUES (Gal)
1	Total volume of water pumped from the producing mine pit (s)	11,940,471
2	Volume of precipitation that falls onto the surface of water in the producing mining pit(s)	26,893,726
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	26,893,726
6	Pit Ground Water Volume (Line 1 minus Line 5)	-14,953,255
DEFINED ELEMENTS OF CONSUMPTIVE USE		
7	Volume of pit groundwater that is driven off (by drying) the mined material transported off the mine site	262,034
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)	3,662,245
10	Volume of pit water groundwater that is used for other beneficial uses off the mine site	118,125
11	Defined Elements of Consumptive Use of Pit Groundwater (Add Lines 7 through 10)	4,042,404
PIT GROUNDWATER BALANCE		
12	Line 6 minus Line 11	-18,995,658
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)	-18,995,658
TOTAL REPORTED CONSUMPTIVE USE OF PIT WATER		
20	Total Net Reported Consumptive Use: (Line 11 plus Line 19)	-14,953,255

MILL CREEK DOLOMITE, LLC

PIT WATER MONITORING DATA

SUMP SURFACE AREA DATA:

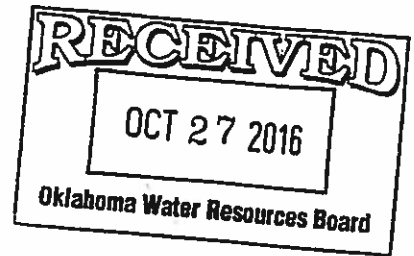
SUMP A (sq ft) 2,163,342
 PUMP A (GPM) 300

SUMP B (sq ft) 1,051,207
 PUMP B (GPM) 300

200 New Pump Field Checked 1/18/16

DATE	Wks	PUMP A		PUMP B		PIT WATER PUMPED			PIT RAIN WATER					
		Meter Reading	QA HRS	Meter Reading	QB HRS	QA GPD	QB GPD	Grand Total	RAIN FALL	VOLUME QA	GALLONS QA	VOLUME QB	GALLONS QB	TOTAL GALLONS
7/8/16	27	6881	16.0	9869	44.0	41143	75429	116571	1.1	198306	1483530	96361	720874	2204404
7/15/16	28	6348	17.0	9106	36.0	43714	61714	105429	0.2	36056	269733	17520	131068	400801
7/22/16	29	5872	24.0	9028	23.0	61714	39429	101143	0.9	162251	1213797	78841	589806	1803603
7/29/16	30	6406	34.0	9168	32.0	87429	54857	142286	0.0	0	0	0	0	0
Monthly Totals			91.0		135.0	1813500	1793571	3607071	2.20	396613	2967060	192721	1441748	4408808
8/5/16	31	6427	21.0	9236	70.0	54000	120000	174000	0.4	72111	539465	35040	262136	801601
8/12/16	32	6416	19.0	9268	20.0	48857	34286	83143	0.0	0	0	0	0	0
8/19/16	33	6467	21.0	9368	59.0	54000	101143	155143	0.4	63097	472032	30660	229369	701401
8/26/16	34	6503	36.0	9383	74.0	92571	126857	219429	0.6	108167	809198	52560	393204	1202402
9/2/16	35	6505	12.0	9411	28.0	30857	48000	78857	0.3	48675	364139	23652	176942	541081
Monthly Totals			109.0		251.0	1737771	2667771	4405543	1.6	292051	2184835	141913	1061651	3246486
9/9/16	36	6539	20.0	9451	40.0	51429	68571	120000	1.7	306473	2292728	148921	1114078	3406806
9/16/16	37	6558	15.0	9487	36.0	38571	61714	100286	0.3	54084	404599	26280	196602	601201
9/23/16	38	6573	23.0	9544	54.0	59143	92571	151714	2.6	468724	3506525	22762	1703884	5210409
9/30/16	39	6596	23.0	9695	54.0	59143	92571	151714	5.0	901393	6743317	438003	3276700	10020017
Monthly Totals			81.0		184.0	1562143	2365714	3927857	9.60	1730674	12947169	840966	6291264	19238433
3rd QUARTER TOTALS			281.0		570.0	5,113,414	6,827,057	11,940,471	13.42	2419337	18099064	1175600	8794662	26,893,726

**MILL CREEK DOLOMITE, LLC
PIT WATER MONITORING DATA
3rd Quarter 2016**



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
July	17,286	2.0
August	16,296	2.0
September	16,632	2.5
	50,214	

Calculations for gallons of water shipped to plant:

	Tons	Moisture	Tons H2O	Lbs H2O
July	17286	X 0.020 =	346	691,440
August	16296	X 0.020 =	326	651,840
September	16632	X 0.025 =	416	831,600
				2,174,880
Total Lbs	2,174,880			
Gallons	2,174,880 / 8.3 =	262,034	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)

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-16		Pan Evaporation (in)	Corrected Evaporation Rate (in)	Sump A		Sump B		Settling A		Settling B		Total Evaporation (Gallons)
Date	Evaporation Volume (cu ft)			Evaporation (Gallons)	Evaporation Volume (cu ft)	Evaporation (Gallons)	Evaporation Volume (cu ft)	Evaporation (Gallons)	Evaporation Volume (cu ft)	Evaporation (Gallons)		
07/01/16	0.26	196.03	0.182	1466.49	3985.83	29818.00	455.00	3403.86	530.83	3971.16	38659.51	
07/02/16	0.33	248.81	0.231	1861.32	5058.94	37845.92	577.50	4320.28	673.75	5040.32	49067.84	
07/03/16	0.35	263.89	0.245	1974.13	5365.54	40139.61	612.50	4582.11	714.58	5345.80	52041.65	
07/04/16	0.23	173.41	0.161	1297.28	3525.93	26377.46	402.50	3011.10	469.58	3512.95	34198.80	
07/05/16	0.31	233.73	0.217	1748.51	4752.34	35552.23	542.50	4058.44	632.92	4734.85	46094.03	
07/06/16	0.43	324.20	0.301	2425.36	6591.95	49314.38	752.50	5629.45	877.92	6567.69	63936.88	
07/08/16	0.36	271.43	0.252	2030.53	5518.84	41286.46	630.00	4713.03	735.00	5498.54	53528.55	
07/09/16	0.11	82.94	0.077	620.44	1686.31	12615.31	192.50	1440.09	224.58	1680.11	16355.95	
07/10/16	0.29	218.65	0.203	1635.71	4445.73	33258.53	507.50	3796.61	592.08	4429.38	43120.22	
07/11/16	0.39	294.04	0.273	2199.74	5978.75	44727.00	682.50	5105.78	796.25	5956.75	57989.27	
07/12/16	0.46	346.82	0.322	2594.57	7051.85	52754.92	805.00	6022.21	939.17	7025.91	68397.59	
07/13/16	0.42	316.66	0.294	2368.95	6438.65	48167.53	735.00	5498.54	857.50	6414.96	62449.98	
07/14/16	0.33	248.81	0.231	1861.32	5058.94	37845.92	577.50	4320.28	673.75	5040.32	49067.84	
07/15/16	0.23	173.41	0.161	1297.28	3525.93	26377.46	402.50	3011.10	469.58	3512.95	34198.80	
07/16/16	0.27	203.57	0.189	1522.90	4139.13	30964.84	472.50	3534.77	551.25	4123.90	40146.41	
07/17/16	0.38	286.50	0.266	2143.34	5825.44	43580.15	665.00	4974.87	775.83	5804.01	56502.36	
07/18/16	0.31	233.73	0.217	1748.51	4752.34	35552.23	542.50	4058.44	632.92	4734.85	46094.03	
07/19/16	0.31	233.73	0.217	1748.51	4752.34	35552.23	542.50	4058.44	632.92	4734.85	46094.03	
07/20/16	0.34	256.35	0.238	1917.72	5212.24	38992.76	595.00	4451.20	694.17	5193.06	50554.74	
07/21/16	0.34	256.35	0.238	1917.72	5212.24	38992.76	595.00	4451.20	694.17	5193.06	50554.74	
07/22/16	0.34	256.35	0.238	1917.72	5212.24	38992.76	595.00	4451.20	694.17	5193.06	50554.74	
07/23/16	0.36	271.43	0.252	2030.53	5518.84	41286.46	630.00	4713.03	735.00	5498.54	53528.55	
07/24/16	0.35	263.89	0.245	1974.13	5365.54	40139.61	612.50	4582.11	714.58	5345.80	52041.65	
07/25/16	0.23	173.41	0.161	1297.28	3525.93	26377.46	402.50	3011.10	469.58	3512.95	34198.80	
07/26/16	0.19	143.25	0.133	1071.67	2912.72	21790.07	332.50	2487.43	387.92	2902.00	28251.18	
07/27/16	0.15	113.09	0.105	846.05	2299.52	17202.69	262.50	1963.76	306.25	2291.06	22303.56	
07/28/16	0.27	203.57	0.189	1522.90	4139.13	30964.84	472.50	3534.77	551.25	4123.90	40146.41	
07/29/16	0.31	233.73	0.217	1748.51	4752.34	35552.23	542.50	4058.44	632.92	4734.85	46094.03	
07/30/16	0.36	271.43	0.252	2030.53	5518.84	41286.46	630.00	4713.03	735.00	5498.54	53528.55	
07/31/16	0.37	278.96	0.259	2086.93	5672.14	42433.30	647.50	4843.95	755.42	5651.27	55015.46	
Monthly Total		7,072.13		52,906.60	143,796.49	1,075,741.57	16,415.00	122,800.62	19,150.83	143,267.38	1,394,716.17	

**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

Aug-16													
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)	Sump B Evaporation Volume (cu ft)	Sump A Evaporation Volume (cu ft)	Settling A Evaporation (Gallons)	Settling A Evaporation Volume (cu ft)	Settling B Evaporation Volume (cu ft)	Settling B Evaporation (Gallons)	Total Evaporation (Gallons)
08/01/16	0.40	0.28	301.58	2256.14	6132.05	45873.84	700.00	5236.70	816.67	6109.48	59476.17	59476.17	
08/02/16	0.38	0.266	286.50	2143.34	5825.44	43580.15	665.00	4974.87	775.83	5804.01	56502.36	56502.36	
08/03/16	0.35	0.245	263.89	1974.13	5365.54	40139.61	612.50	4582.11	714.58	5345.80	52041.65	52041.65	
08/04/16	0.34	0.238	256.35	1917.72	5212.24	38992.76	595.00	4451.20	694.17	5193.06	50554.74	50554.74	
08/05/16	0.31	0.217	233.73	1748.51	4752.34	35552.23	542.50	4058.44	632.92	4734.85	46094.03	46094.03	
08/06/16	0.28	0.196	211.11	1579.30	4292.43	32111.69	490.00	3665.69	571.67	4276.64	41633.32	41633.32	
08/07/16	0.37	0.259	278.96	2086.93	5672.14	42433.30	647.50	4843.95	755.42	5651.27	55015.46	55015.46	
08/08/16	0.32	0.224	241.27	1804.92	4905.64	36699.07	560.00	4189.36	653.33	4887.59	47580.94	47580.94	
08/09/16	0.31	0.217	233.73	1748.51	4752.34	35552.23	542.50	4058.44	632.92	4734.85	46094.03	46094.03	
08/10/16	0.36	0.252	271.43	2030.53	5518.84	41286.46	630.00	4713.03	735.00	5498.54	53528.55	53528.55	
08/11/16	0.36	0.252	271.43	2030.53	5518.84	41286.46	630.00	4713.03	735.00	5498.54	53528.55	53528.55	
08/12/16	0.26	0.182	196.03	1466.49	3985.83	29818.00	455.00	3403.86	530.83	3971.16	38659.51	38659.51	
08/13/16	0.41	0.287	309.12	2312.55	6285.35	47020.69	717.50	5367.62	837.08	6262.22	60963.07	60963.07	
08/14/16	0.43	0.301	324.20	2425.36	6591.95	49314.38	752.50	5629.45	877.92	6567.69	63936.88	63936.88	
08/15/16	0.17	0.119	128.17	958.86	2606.12	19496.38	297.50	2225.60	347.08	2596.53	25277.37	25277.37	
08/16/16	0.26	0.182	196.03	1466.49	3985.83	29818.00	455.00	3403.86	530.83	3971.16	38659.51	38659.51	
08/17/16	0.24	0.168	180.95	1353.69	3679.23	27524.30	420.00	3142.02	490.00	3665.69	35685.70	35685.70	
08/18/16	0.13	0.091	98.01	733.25	1992.92	14909.00	227.50	1701.93	265.42	1985.58	19329.76	19329.76	
08/19/16	0.05	0.035	37.70	282.02	766.51	5734.23	87.50	654.59	102.08	763.69	7434.52	7434.52	
08/20/16	0.15	0.105	113.09	846.05	2299.52	17202.69	262.50	1963.76	306.25	2291.06	22303.56	22303.56	
08/21/16	0.31	0.217	233.73	1748.51	4752.34	35552.23	542.50	4058.44	632.92	4734.85	46094.03	46094.03	
08/22/16	0.11	0.077	82.94	620.44	1686.31	12615.31	192.50	1440.09	224.58	1680.11	16355.95	16355.95	
08/23/16	0.28	0.196	211.11	1579.30	4292.43	32111.69	490.00	3665.69	571.67	4276.64	41633.32	41633.32	
08/24/16	0.37	0.259	278.96	2086.93	5672.14	42433.30	647.50	4843.95	755.42	5651.27	55015.46	55015.46	
08/25/16	0.28	0.196	211.11	1579.30	4292.43	32111.69	490.00	3665.69	571.67	4276.64	41633.32	41633.32	
08/26/16	0.17	0.119	128.17	958.86	2606.12	19496.38	297.50	2225.60	347.08	2596.53	25277.37	25277.37	
08/27/16	0.23	0.161	173.41	1297.28	3525.93	26377.46	402.50	3011.10	469.58	3512.95	34198.80	34198.80	
08/28/16	0.26	0.182	196.03	1466.49	3985.83	29818.00	455.00	3403.86	530.83	3971.16	38659.51	38659.51	
08/29/16	0.23	0.161	173.41	1297.28	3525.93	26377.46	402.50	3011.10	469.58	3512.95	34198.80	34198.80	
08/30/16	0.24	0.168	180.95	1353.69	3679.23	27524.30	420.00	3142.02	490.00	3665.69	35685.70	35685.70	
08/31/16	0.20	0.14	150.79	1128.07	3066.02	22936.92	350.00	2618.35	408.33	3054.74	29738.08	29738.08	
Monthly Total			6,453.88	48,281.50	131,225.80	981,700.20	14,980.00	112,065.38	17,476.67	130,742.94	1,272,790.02		

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-16												
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)	
09/01/16	0.14	0.098	105.55	789.65	2146.22	16055.84	245.00	1832.85	285.83	2138.32	20816.66	
09/02/16	0.19	0.133	143.25	1071.67	2912.72	21790.07	332.50	2487.43	387.92	2902.00	28251.18	
09/03/16	0.23	0.161	173.41	1297.28	3525.93	26377.46	402.50	3011.10	469.58	3512.95	34198.80	
09/04/16	0.25	0.175	188.49	1410.09	3832.53	28671.15	437.50	3272.94	510.42	3818.43	37172.61	
09/05/16	0.31	0.217	233.73	1748.51	4752.34	35552.23	542.50	4058.44	632.92	4734.85	46094.03	
09/06/16	0.27	0.189	203.57	1522.90	4139.13	30964.84	472.50	3534.77	551.25	4123.90	40146.41	
09/07/16	0.30	0.21	226.19	1692.11	4599.04	34405.38	525.00	3927.53	612.50	4582.11	44607.13	
09/08/16	0.37	0.259	278.96	2086.93	5672.14	42433.30	647.50	4843.95	755.42	5651.27	55015.46	
09/09/16	0.29	0.203	218.65	1635.71	4445.73	33258.53	507.50	3796.61	592.08	4429.38	43120.22	
09/10/16	0.23	0.161	173.41	1297.28	3525.93	26377.46	402.50	3011.10	469.58	3512.95	34198.80	
09/11/16	0.24	0.168	180.95	1353.69	3679.23	27524.30	420.00	3142.02	490.00	3665.69	35685.70	
09/12/16	0.27	0.189	203.57	1522.90	4139.13	30964.84	472.50	3534.77	551.25	4123.90	40146.41	
09/13/16	0.25	0.175	188.49	1410.09	3832.53	28671.15	437.50	3272.94	510.42	3818.43	37172.61	
09/14/16	0.15	0.105	113.09	846.05	2299.52	17202.69	262.50	1963.76	306.25	2291.06	22303.56	
09/15/16	0.15	0.105	113.09	846.05	2299.52	17202.69	262.50	1963.76	306.25	2291.06	22303.56	
09/16/16	0.20	0.14	150.79	1128.07	3066.02	22936.92	350.00	2618.35	408.33	3054.74	29738.08	
09/17/16	0.20	0.14	150.79	1128.07	3066.02	22936.92	350.00	2618.35	408.33	3054.74	29738.08	
09/18/16	0.22	0.154	165.87	1240.88	3372.63	25230.61	385.00	2880.19	449.17	3360.22	32711.89	
09/19/16	0.22	0.154	165.87	1240.88	3372.63	25230.61	385.00	2880.19	449.17	3360.22	32711.89	
09/20/16	0.21	0.147	158.33	1184.48	3219.32	24083.77	367.50	2749.27	428.75	3207.48	31224.99	
09/21/16	0.21	0.147	158.33	1184.48	3219.32	24083.77	367.50	2749.27	428.75	3207.48	31224.99	
09/22/16	0.21	0.147	158.33	1184.48	3219.32	24083.77	367.50	2749.27	428.75	3207.48	31224.99	
09/23/16	0.23	0.161	173.41	1297.28	3525.93	26377.46	402.50	3011.10	469.58	3512.95	34198.80	
09/24/16	0.23	0.161	173.41	1297.28	3525.93	26377.46	402.50	3011.10	469.58	3512.95	34198.80	
09/25/16	0.05	0.035	37.70	282.02	766.51	5734.23	87.50	654.59	102.08	763.69	7434.52	
09/26/16	0.24	0.168	180.95	1353.69	3679.23	27524.30	420.00	3142.02	490.00	3665.69	35685.70	
09/27/16	0.19	0.133	143.25	1071.67	2912.72	21790.07	332.50	2487.43	387.92	2902.00	28251.18	
09/28/16	0.25	0.175	188.49	1410.09	3832.53	28671.15	437.50	3272.94	510.42	3818.43	37172.61	
09/29/16	0.22	0.154	165.87	1240.88	3372.63	25230.61	385.00	2880.19	449.17	3360.22	32711.89	
09/30/16	0.17	0.119	128.17	958.86	2606.12	19496.38	297.50	2225.60	347.08	2596.53	25277.37	
Monthly Total			5,043.98	37,734.02	102,558.48	767,239.99	11,707.50	87,583.81	13,658.75	102,181.11	994,738.93	
Quarterly Total			18,569.99	138,922.12	377,580.77	2,824,681.77	43,102.50	322,449.80	50,286.25	376,191.44	3,662,245.13	

Mesonet
 Seasonal Single Site ET Table
 Tishomingo
 3rd Quarter 2016

Date	Reference ET, Short [in]	Reference ET, Tall [in]	Cool Season Grass ET [in]	Warm Season Grass ET [in]	Pan Evaporation [in]
9/30/2016	0.14	0.17	0.13	0.09	0.17
9/29/2016	0.16	0.22	0.15	0.1	0.22
9/28/2016	0.19	0.26	0.18	0.12	0.25
9/27/2016	0.15	0.19	0.14	0.09	0.19
9/26/2016	0.17	0.24	0.16	0.11	0.24
9/25/2016	0.04	0.05	0.04	0.02	0.05
9/24/2016	0.18	0.24	0.17	0.11	0.23
9/23/2016	0.18	0.23	0.17	0.11	0.23
9/22/2016	0.17	0.21	0.16	0.11	0.21
9/21/2016	0.17	0.2	0.16	0.1	0.21
9/20/2016	0.18	0.21	0.16	0.11	0.21
9/19/2016	0.18	0.22	0.17	0.11	0.22
9/18/2016	0.18	0.22	0.17	0.11	0.22
9/17/2016	0.17	0.21	0.16	0.1	0.2
9/16/2016	0.16	0.2	0.15	0.1	0.2
9/15/2016	0.13	0.15	0.12	0.08	0.15
9/14/2016	0.13	0.16	0.12	0.08	0.15
9/13/2016	0.2	0.25	0.19	0.12	0.25
9/12/2016	0.21	0.27	0.19	0.12	0.27
9/11/2016	0.19	0.24	0.18	0.11	0.24
9/10/2016	0.18	0.23	0.16	0.13	0.23
9/9/2016	0.21	0.3	0.2	0.16	0.29
9/8/2016	0.25	0.34	0.24	0.14	0.34
9/7/2016	0.23	0.3	0.21	0.13	0.3
9/6/2016	0.2	0.27	0.19	0.13	0.27
9/5/2016	0.23	0.31	0.22	0.14	0.31
9/4/2016	0.2	0.24	0.18	0.12	0.25
9/3/2016	0.18	0.22	0.17	0.11	0.23
9/2/2016	0.16	0.2	0.15	0.1	0.19
9/1/2016	0.12	0.15	0.11	0.07	0.14
8/31/2016	0.16	0.2	0.15	0.1	0.2
8/30/2016	0.2	0.24	0.18	0.12	0.24
8/29/2016	0.19	0.23	0.18	0.12	0.23
8/28/2016	0.21	0.26	0.20	0.13	0.26
8/27/2016	0.19	0.22	0.18	0.12	0.23
8/26/2016	0.14	0.17	0.13	0.09	0.17
8/25/2016	0.22	0.27	0.20	0.14	0.28
8/24/2016	0.27	0.36	0.25	0.17	0.37
8/23/2016	0.21	0.28	0.19	0.13	0.28
8/22/2016	0.09	0.10	0.08	0.06	0.11
8/21/2016	0.24	0.31	0.22	0.15	0.31
8/20/2016	0.12	0.15	0.11	0.08	0.15
8/19/2016	0.04	0.05	0.04	0.03	0.05
8/18/2016	0.11	0.13	0.10	0.07	0.13
8/17/2016	0.19	0.23	0.18	0.12	0.24
8/16/2016	0.21	0.25	0.20	0.13	0.26
8/15/2016	0.14	0.17	0.13	0.09	0.17

8/14/2016	0.30	0.43	0.28	0.19	0.43
8/13/2016	0.29	0.40	0.27	0.18	0.41
8/12/2016	0.21	0.26	0.19	0.13	0.26
8/11/2016	0.28	0.36	0.26	0.17	0.36
8/10/2016	0.28	0.35	0.26	0.17	0.36
8/9/2016	0.25	0.30	0.23	0.15	0.31
8/8/2016	0.25	0.33	0.23	0.16	0.32
8/7/2016	0.29	0.37	0.27	0.18	0.37
8/6/2016	0.22	0.27	0.21	0.14	0.28
8/5/2016	0.24	0.29	0.23	0.15	0.31
8/4/2016	0.27	0.33	0.25	0.16	0.34
8/3/2016	0.27	0.34	0.25	0.17	0.35
8/2/2016	0.29	0.38	0.27	0.18	0.38
8/1/2016	0.30	0.40	0.28	0.19	0.40
7/31/2016	0.28	0.37	0.26	0.17	0.37
7/30/2016	0.28	0.36	0.26	0.17	0.36
7/29/2016	0.25	0.30	0.23	0.15	0.31
7/28/2016	0.22	0.25	0.21	0.14	0.27
7/27/2016	0.13	0.15	0.12	0.08	0.15
7/26/2016	0.16	0.19	0.14	0.10	0.19
7/25/2016	0.19	0.23	0.18	0.12	0.23
7/24/2016	0.27	0.33	0.25	0.17	0.35
7/23/2016	0.28	0.35	0.26	0.17	0.36
7/22/2016	0.27	0.33	0.25	0.17	0.34
7/21/2016	0.27	0.33	0.25	0.17	0.34
7/20/2016	0.27	0.32	0.25	0.17	0.34
7/19/2016	0.25	0.29	0.23	0.15	0.31
7/18/2016	0.25	0.29	0.23	0.16	0.31
7/17/2016	0.29	0.37	0.27	0.18	0.38
7/16/2016	0.22	0.26	0.21	0.14	0.27
7/15/2016	0.19	0.21	0.17	0.12	0.23
7/14/2016	0.25	0.32	0.23	0.15	0.33
7/13/2016	0.31	0.40	0.29	0.19	0.42
7/12/2016	0.32	0.43	0.29	0.20	0.46
7/11/2016	0.26	0.37	0.26	0.18	0.39
7/10/2016	0.23	0.28	0.22	0.14	0.29
7/9/2016	0.09	0.11	0.08	0.06	0.11
7/8/2016	0.28	0.35	0.28	0.17	0.36
7/6/2016	0.31	0.41	0.29	0.20	0.43
7/5/2016	0.24	0.30	0.22	0.15	0.31
7/4/2016	0.19	0.22	0.17	0.12	0.23
7/3/2016	0.26	0.34	0.24	0.16	0.35
7/2/2016	0.26	0.32	0.24	0.16	0.33
7/1/2016	0.22	0.25	0.20	0.14	0.26

MILL CREEK DOLOMITE WATER USAGE LOG
3rd QUARTER 2016

	3rd QUARTER 2016										Calculated	
	Water Truck Miles										MILES	Loads
	DATE	RAINFALL	START	END	START	END	START	END	START	END		
Friday	7/1/2016	0.0	72875	72875	0	0	0	0	0	0	0	0
Saturday	7/2/2016	0.0	72875	72875	0	0	0	0	0	0	0	0
Sunday	7/3/2016	0.6	72875	72875	0	0	0	0	0	0	0	0
Monday	7/4/2016	0.0	72875	72875	0	0	0	0	0	0	0	0
Tuesday	7/5/2016	0.0	72875	72875	0	0	0	0	0	0	0	0
Wednesday	7/6/2016	0.0	72875	72895	20	3	0	0	0	0	0	0
Thursday	7/7/2016	0.0	72895	72895	0	0	0	0	0	0	0	0
Friday	7/8/2016	0.0	72895	72895	0	0	0	0	0	0	0	0
Saturday	7/9/2016	0.2	72895	72895	0	0	0	0	0	0	0	0
Sunday	7/10/2016	0.0	72895	72895	0	0	0	0	0	0	0	0
Monday	7/11/2016	0.0	72895	72895	0	0	0	0	0	0	0	0
Tuesday	7/12/2016	0.0	72895	72912	17	2	0	0	0	0	0	0
Wednesday	7/13/2016	0.0	72912	72936	24	3	0	0	0	0	0	0
Thursday	7/14/2016	0.0	72936	72936	0	0	0	0	0	0	0	0
Friday	7/15/2016	0.9	72936	72936	0	0	0	0	0	0	0	0
Saturday	7/16/2016	0.0	72936	72936	0	0	0	0	0	0	0	0
Sunday	7/17/2016	0.0	72936	72936	0	0	0	0	0	0	0	0
Monday	7/18/2016	0.0	72936	72936	0	0	0	0	0	0	0	0
Tuesday	7/19/2016	0.0	72936	72936	0	0	0	0	0	0	0	0
Wednesday	7/20/2016	0.0	72936	72938.6	2.6	0	0	0	0	0	0	0
Thursday	7/21/2016	0.0	72938.6	72938.6	0	0	0	0	0	0	0	0
Friday	7/22/2016	0.0	72938.6	72938.6	0	0	0	0	0	0	0	0
Saturday	7/23/2016	0.0	72938.6	72938.6	0	0	0	0	0	0	0	0
Sunday	7/24/2016	0.0	72938.6	72938.6	0	0	0	0	0	0	0	0
Monday	7/25/2016	0.0	72938.6	72938.6	0	0	0	0	0	0	0	0
Tuesday	7/26/2016	0.0	72938.6	72939	0.4	0	0	0	0	0	0	0
Wednesday	7/27/2016	0.1	72939	72951	12	2	0	0	0	0	0	0
Thursday	7/28/2016	0.0	72951	72958	7	1	0	0	0	0	0	0
Friday	7/29/2016	0.0	72958	72958	0	0	0	0	0	0	0	0
Saturday	7/30/2016	0.4	72958	72958	0	0	0	0	0	0	0	0
Sunday	7/31/2016	0.0	72958	72958	0	0	0	0	0	0	0	0
Monday	8/1/2016	0.0	72958	72958	0	0	0	0	0	0	0	0
Tuesday	8/2/2016	0.0	72958	72961	3	0	0	0	0	0	0	0
Wednesday	8/3/2016	0.0	72961	72968	7	1	0	0	0	0	0	0
Thursday	8/4/2016	0.0	72968	72968	0	0	0	0	0	0	0	0
Friday	8/5/2016	0.0	72968	73005	37	5	0	0	0	0	0	0
Saturday	8/6/2016	0.0	73005	73013	8	1	0	0	0	0	0	0
Sunday	8/7/2016	0.0	73013	73013	0	0	0	0	0	0	0	0
Monday	8/8/2016	0.4	73013	73013	0	0	0	0	0	0	0	0
Tuesday	8/9/2016	0.0	73013	73013	0	0	0	0	0	0	0	0
Wednesday	8/10/2016	0.0	73013	73030	17	2	0	0	0	0	0	0
Thursday	8/11/2016	0.0	73030	73030	0	0	0	0	0	0	0	0
Friday	8/12/2016	0.0	73030	73030	0	0	0	0	0	0	0	0

Water Truck Summary		
Loads	Gallons	
1	4,500	
3rd Quarter totals	26	118125

WELL			
DATE	WK	Meter Reading	Ag Lime Hours RAN
7/8/16	14	11062	0.0
7/15/16	15	11062	0.0
7/22/16	16	11062	0.0
7/29/16	17	11062	0.0
8/5/16	18	11062	0.0
8/12/16	19	11062	0.0
8/19/16	20	11062	0.0
8/26/16	21	11062	0.0
9/2/16	22	11062	0.0
9/9/16	23	11062	0.0
9/16/16	24	11062	0.0
9/23/16	25	11062	0.0
9/30/16	26	11062	0.0
4th Quarter Total		0	0.0
Total gallons (@ 476.47/hr)			0

4th QUARTER TOTAL GROUNDWATER USAGE (gallons) 118125

Saturday	8/13/2016	0.0	73030	73030	0	0
Sunday	8/14/2016	0.0	73030	73030	0	0
Monday	8/15/2016	0.0	73030	73030	0	0
Tuesday	8/16/2016	0.0	73030	73030	0	0
Wednesday	8/17/2016	0.0	73030	73030	0	0
Thursday	8/18/2016	0.0	73030	73030	0	0
Friday	8/19/2016	0.2	73030	73030	0	0
Saturday	8/20/2016	0.4	73030	73030	0	0
Sunday	8/21/2016	0.0	73030	73030	0	0
Monday	8/22/2016	0.0	73030	73030	0	0
Tuesday	8/23/2016	0.0	73030	73030	0	0
Wednesday	8/24/2016	0.0	73030	73030	0	0
Thursday	8/25/2016	0.0	73030	73030	0	0
Friday	8/26/2016	0.2	73030	73030	0	0
Saturday	8/27/2016	0.0	73030	73030	0	0
Sunday	8/28/2016	0.0	73030	73030	0	0
Monday	8/29/2016	0.2	73030	73030	0	0
Tuesday	8/30/2016	0.0	73030	73030	0	0
Wednesday	8/31/2016	1.0	73030	73040	10	1
Thursday	9/1/2016	0.4	73040	73049	9	1
Friday	9/2/2016	0.0	73049	73049	0	0
Saturday	9/3/2016	0.0	73049	73049	0	0
Sunday	9/4/2016	0.0	73049	73049	0	0
Monday	9/5/2016	0.0	73049	73049	0	0
Tuesday	9/6/2016	0.0	73049	73049	0	0
Wednesday	9/7/2016	0.0	73049	73049	0	0
Thursday	9/8/2016	0.0	73049	73049	0	0
Friday	9/9/2016	0.0	73049	73049	0	0
Saturday	9/10/2016	0.3	73049	73049	0	0
Sunday	9/11/2016	0.0	73049	73049	0	0
Monday	9/12/2016	0.0	73049	73049	0	0
Tuesday	9/13/2016	0.0	73049	73049	0	0
Wednesday	9/14/2016	0.5	73049	73049	0	0
Thursday	9/15/2016	0.8	73049	73049	0	0
Friday	9/16/2016	0.1	73049	73049	0	0
Saturday	9/17/2016	0.2	73049	73049	0	0
Sunday	9/18/2016	1.1	73049	73049	0	0
Monday	9/19/2016	0.0	73049	73049	0	0
Tuesday	9/20/2016	0.0	73049	73049	0	0
Wednesday	9/21/2016	0.0	73049	73085	36	5
Thursday	9/22/2016	0.0	73085	73085	0	0
Friday	9/23/2016	0.0	73085	73085	0	0
Saturday	9/24/2016	0.1	73085	73085	0	0
Sunday	9/25/2016	5.0	73085	73085	0	0
Monday	9/26/2016	0.0	73085	73085	0	0
Tuesday	9/27/2016	0.0	73085	73085	0	0
Wednesday	9/28/2016	0.0	73085	73085	0	0
Thursday	9/29/2016	0.0	73085	73085	0	0
Friday	9/30/2016	0.0	73085	73085	0	0
Totals		12.99			210.0	26.3

QUARRY DEWATER & CREEK MAKE-UP WATER

DATE	WK	PU-19 QA		PU-18 QB		PU-04 Big		PU-03 Little		PU-21 AG-Lime	
		65HP Meter Reading	HRS.RAN	35HP Meter Reading	HRS.RAN	Meter	Hrs. Ran	Meter	Hrs.	Meter	Hrs.
7/1/16		6315.0	25.0	9025.0	53.0	6581.0	15.0	1279.0	0.0	11062.0	0.0
7/8/16		6331.0	16.0	9069.0	44.0	6616.0	35.0	1279.0	0.0	11062.0	0.0
7/15/16		6348.0	17.0	9105.0	36.0	6616.0	0.0	1279.0	0.0	11062.0	0.0
7/22/16		6372.0	24.0	9128.0	23.0	6647.0	31.0	1279.0	0.0	11062.0	0.0
7/29/16		6406.0	34.0	9160.0	32.0	6712.0	65.0	1279.0	0.0	11062.0	0.0
8/5/16	31	6427.0	21.0	9230.0	70.0	6732.0	20.0	1279.0	0.0	11062.0	0.0
8/12/16	32	6446.0	19.0	9250.0	20.0	6754.0	22.0	1279.0	0.0	11062.0	0.0
8/19/16	33	6467.0	21.0	9309.0	59.0	6778.0	24.0	1279.0	0.0	11062.0	0.0
8/26/16	34	6503.0	36.0	9383.0	74.0	6827.0	49.0	1279.0	0.0	11062.0	0.0
9/2/16	35	6515.0	12.0	9411.0	28.0	6831.0	4.0	1279.0	0.0	11062.0	0.0
9/9/16	36	6535.0	20.0	9451.0	40.0	6855.0	24.0	1279.0	0.0	11062.0	0.0
9/16/16	37	6550.0	15.0	9487.0	36.0	6886.0	31.0	1279.0	0.0	11062.0	0.0
9/23/16	38	6573.0	23.0	9541.0	54.0	6927.0	41.0	1279.0	0.0	11062.0	0.0
9/30/16	39	6596.0	23.0	9595.0	54.0	7004.0	77.0	1279.0	0.0	11062.0	0.0

Day/Date	MCD Rainfall Measurem ent
Monday, July 04, 2016	0.0
Tuesday, July 05, 2016	0.0
Wednesday, July 06, 2016	0.0
Thursday, July 07, 2016	0.0
Friday, July 08, 2016	0.0
Saturday, July 09, 2016	0.2
Sunday, July 10, 2016	0.0
Totals	0.2
Monday, July 11, 2016	0.0
Tuesday, July 12, 2016	0.0
Wednesday, July 13, 2016	0.0
Thursday, July 14, 2016	0.0
Friday, July 15, 2016	0.9
Saturday, July 16, 2016	0.0
Sunday, July 17, 2016	0.0
Totals	0.9
Monday, July 18, 2016	0.0
Tuesday, July 19, 2016	0.0
Wednesday, July 20, 2016	0.0
Thursday, July 21, 2016	0.0
Friday, July 22, 2016	0.0
Saturday, July 23, 2016	0.0
Sunday, July 24, 2016	0.0
Totals	0.0
Monday, July 25, 2016	0.0
Tuesday, July 26, 2016	0.0
Wednesday, July 27, 2016	0.1
Thursday, July 28, 2016	0.0
Friday, July 29, 2016	0.0
Saturday, July 30, 2016	0.4
Sunday, July 31, 2016	0.0
Totals	0.4
Monday, August 01, 2016	0
Tuesday, August 02, 2016	0
Wednesday, August 03, 2016	0
Thursday, August 04, 2016	0
Friday, August 05, 2016	0
Saturday, August 06, 2016	0
Sunday, August 07, 2016	0
Totals	0.0
Monday, August 08, 2016	0.4
Tuesday, August 09, 2016	0.0
Wednesday, August 10, 2016	0.0
Thursday, August 11, 2016	0.0
Friday, August 12, 2016	0.0
Saturday, August 13, 2016	0.0
Sunday, August 14, 2016	0.0
Totals	0.35
Monday, August 15, 2016	0.0
Tuesday, August 16, 2016	0.0
Wednesday, August 17, 2016	0.0

Day/Date	MCD Rainfall Measurement
Thursday, August 18, 2016	0.0
Friday, August 19, 2016	0.2
Saturday, August 20, 2016	0.4
Sunday, August 21, 2016	0.0
Totals	0.60
Monday, August 22, 2016	0.0
Tuesday, August 23, 2016	0.0
Wednesday, August 24, 2016	0.0
Thursday, August 25, 2016	0.0
Friday, August 26, 2016	0.2
Saturday, August 27, 2016	0.0
Sunday, August 28, 2016	0.0
Totals	0.27
Monday, August 29, 2016	0.2
Tuesday, August 30, 2016	0.0
Wednesday, August 31, 2016	1.0
Thursday, September 01, 2016	0.4
Friday, September 02, 2016	0.0
Saturday, September 03, 2016	0.0
Sunday, September 04, 2016	0.0
Totals	1.7
Monday, September 05, 2016	0.0
Tuesday, September 06, 2016	0.0
Wednesday, September 07, 2016	0.0
Thursday, September 08, 2016	0.0
Friday, September 09, 2016	0.0
Saturday, September 10, 2016	0.3
Sunday, September 11, 2016	0.0
Totals	0.3
Monday, September 12, 2016	0.0
Tuesday, September 13, 2016	0.0
Wednesday, September 14, 2016	0.5
Thursday, September 15, 2016	0.8
Friday, September 16, 2016	0.1
Saturday, September 17, 2016	0.2
Sunday, September 18, 2016	1.1
Totals	2.6
Monday, September 19, 2016	0.0
Tuesday, September 20, 2016	0.0
Wednesday, September 21, 2016	0.0
Thursday, September 22, 2016	0.0
Friday, September 23, 2016	0.0
Saturday, September 24, 2016	0.1
Sunday, September 25, 2016	5.0
Totals	5.0
Monday, September 26, 2016	0.0
Tuesday, September 27, 2016	0.0
Wednesday, September 28, 2016	0.0
Thursday, September 29, 2016	0.0
Friday, September 30, 2016	0.0
Saturday, October 01, 2016	0.0
Sunday, October 02, 2016	0.0
Totals	0.0