



## MILL CREEK DOLOMITE, LLC.

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

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06/28/19

JUL 02 2019

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

Oklahoma Water Resources Board

Re. Consumptive Use of Pit Water, 1st Quarter Report 2019

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 fourth quarter of calendar year 2019.

Please note that our Pit Water Pumped during the 1st Quarter was less than typical due to a pump failure since the week of 08/17/18 in our Sump A area. All rain/pit water has been retained within the Sump A area and mining activity in that area has been halted until the pump is replaced.

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

Sincerely,

Ken Baker  
Quality, Environmental Manager  
Mill Creek Dolomite, LLC  
kenb@min-ad.com com

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**CONSUMPTIVE USE REPORT**

**1st Quarter 2019**

**MILL CREEK DOLOMITE, LLC  
MILL CREEK MINE & MILL**

Oklahoma Water Resources Board

**TABLE 1: Estimated Consumptive Use of Pit Water**

<b>PIT GROUNDWATER VOLUME</b>		<b>VALUES (Gal)</b>
1	Total volume of water pumped from the producing mine pit (s)	6,633,429
2	Volume of precipitation that falls onto the surface of water in the producing mining pit(s)	18,436,831
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	18,436,831
6	<b>Pit Ground Water Volume</b> (Line 1 minus Line 5)	-11,803,403
<b>DEFINED ELEMENTS OF CONSUMPTIVE USE</b>		
7	Volume of pit groundwater that is driven off (by drying) the mined material transported off the mine site	33,745
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)	1,431,889
10	Volume of pit water groundwater that is used for other beneficial uses off the mine site	984,750
11	<b>Defined Elements of Consumptive Use of Pit Groundwater</b> ( Add Lines 7 through 10)	2,450,384
<b>PIT GROUNDWATER BALANCE</b>		
12	Line 6 minus Line 11	-14,253,787
13	<b>Groundwater Augmentation:</b> Volume of pit groundwater returned to the groundwater basin or subbasin, pursuant to a Management Plan	
14	<b>Stream Augmentation:</b> 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	<b>Precipitation &amp; Run-off</b> Volume of precipitation and surface run-off into a recharge pit or holding pond used for augmentation	
16	<b>Recycled Pit Groundwater</b> Volume of pit groundwater returned to a mine pit or holding basin (not included on lines 7 through 10)	
17	<b>Other Non-Consumptive Losses</b> 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	<b>Other Consumptive Use (adjusted) (Line 12 minus Line 18)</b>	-14,253,787
<b>TOTAL REPORTED CONSUMPTIVE USE OF PIT WATER</b>		
20	Total Net Reported Consumptive Use (Line 11 plus Line 19)	-11,803,403

**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)                      **750**

New Pump Field Checked 03/01/19

DATE	WK	PU-19 QA		PU-18 QB		PIT WATER PUMPED			PIT RAIN WATER					
		Meter Reading	HRS RAN	Meter Reading	HRS. RAN	QA GPD	QB GPD	Grand Total	RAIN FALL	VOLUME QA	GALLONS QA	VOLUME QB	GALLONS QB	TOTAL GALLONS
1/4/19	1	9145 0	0 0	15558 0	68 0	0	58286	58286	1 7	306473	2292728	148921	1114078	3406806
1/11/19	2	9145 0	0 0	15617 0	59 0	0	50571	50571	1.0	180279	1348663	87601	655340	2004003
1/18/19	3	9145 0	0 0	15690 0	73 0	0	62571	62571	0 2	36056	269733	17520	131068	400801
1/25/19	4	9145 0	0 0	15768	78 0	0	66857	66857	0 1	18028	134866	8760	65534	200400
<b>Monthly Totals</b>			0 0		278 0	0	3,693,429	3693429	3 0	540836	4045990	262802	1966020	6012010
2/1/19	5	9145 0	0 0	15768	0 0	0	0	0	0 00	0	0	0	0	0
2/8/19	6	9145 0	0 0	15789	21 0	0	18000	18000	1 90	342529	2562461	166441	1245146	3807607
2/15/19	7	9145 0	0 0	15798	9 0	0	7714	7714	0 6	108167	809198	52560	393204	1202402
2/22/19	8	9145 0	0 0	15818	20 0	0	17143	17143	0 8	144223	1078931	70080	524272	1603203
<b>Monthly Totals</b>			0 0		50 0	0	600,000	600000	3 30	594919	4450589	289082	2162622	6613211
3/1/19	9	9145 0	0 0		36 0	0	231429	231429	0 1	18028	134866	8760	65534	200400
3/8/19	10	9145 0	0 0		46 0	0	295714	295714	0 5	90139	674332	43800	327670	1002002
3/15/19	11	9145 0	0 0		30 0	0	192857	192857	2 0	360557	2697327	175201	1310680	4008007
3/22/19	12	9145 0	0 0		46 0	0	295714	295714	0 2	36056	269733	17520	131068	400801
3/29/19	13	9145 0	0 0		37 0	0	237857	237857	0 1	18028	134866	8760	65534	200400
<b>Monthly Totals</b>			0 0		195 0	0	2,340,000	2340000	2 9	522808	3911124	254042	1900486	5811610
<b>1st QUARTER TOTALS</b>			<b>0.0</b>		<b>523.0</b>	<b>0</b>	<b>6,633,429</b>	<b>6,633,429</b>	<b>9 20</b>	<b>1,658,562</b>	<b>12,407,704</b>	<b>805,925</b>	<b>6,029,128</b>	<b>18,436,831</b>

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Oklahoma Water Resources Board

MILL CREEK DOLOMITE, LLC  
PIT WATER MONITORING DATA  
1st Quarter 2019

**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	17,198	0.2
February	18,001	0.2
March	20,568	0.3
	<u>55,767</u>	

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

	Tons	Moisture	Tons H2O	Lbs H2O
January	21168	X 0.002 =	42	84,672
February	18001	X 0.002 =	36	72,004
March	20568	X 0.003 =	62	123,408
				<u>280,084</u>
Total Lbs	280,084			
Gallons	280,084	/ 8.3 =	33,745	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

Jan-19			Sump A	Sump A	Sump B	Sump B	Settling A	Settling A	Settling B	Settling B	Total
Date	Pan Evaporation (in)	Corrected Evaporation Rate (in)	Evaporation Volume (cu ft)	Evaporation (Gallons)	Evaporation Volume (cu ft)	Evaporation (Gallons)	Evaporation Volume (cu ft)	Evaporation (Gallons)	Evaporation Volume (cu ft)	Evaporation (Gallons)	Evaporation (Gallons)
1/1/2019	0 06	0 042	45 24	338 42	919 81	6881 08	105 00	785 51	122 50	916 42	8921 43
1/2/2019	0 03	0 021	22 62	169 21	459 90	3440 54	52 50	392 75	61 25	458 21	4460 71
1/3/2019	0 02	0 014	15 08	112 81	306 60	2293 69	35 00	261 84	40 83	305 47	2973 81
1/4/2019	0 08	0 056	60 32	451 23	1226 41	9174 77	140 00	1047 34	163 33	1221 90	11895 23
1/5/2019	0 07	0 049	52 78	394 83	1073 11	8027 92	122 50	916 42	142 92	1069 16	10408 33
1/6/2019	0 09	0 063	67 86	507 63	1379 71	10321 61	157 50	1178 26	183 75	1374 63	13382 14
1/7/2019	0 12	0 084	90 48	676 84	1839 61	13762 15	210 00	1571 01	245 00	1832 85	17842 85
1/8/2019	0 15	0 105	113 09	846 05	2299 52	17202 69	262 50	1963 76	306 25	2291 06	22303 56
1/9/2019	0 1	0 07	75 40	564 04	1533 01	11468 46	175 00	1309 18	204 17	1527 37	14869 04
1/10/2019	0 06	0 042	45 24	338 42	919 81	6881 08	105 00	785 51	122 50	916 42	8921 43
1/11/2019	0 05	0 035	37 70	282 02	766 51	5734 23	87 50	654 59	102 08	763 69	7434 52
1/12/2019	0 04	0 028	30 16	225 61	613 20	4587 38	70 00	523 67	81 67	610 95	5947 62
1/13/2019	0 04	0 028	30 16	225 61	613 20	4587 38	70 00	523 67	81 67	610 95	5947 62
1/14/2019	0 03	0 021	22 62	169 21	459 90	3440 54	52 50	392 75	61 25	458 21	4460 71
1/15/2019	0 03	0 021	22 62	169 21	459 90	3440 54	52 50	392 75	61 25	458 21	4460 71
1/16/2019	0 05	0 035	37 70	282 02	766 51	5734 23	87 50	654 59	102 08	763 69	7434 52
1/17/2019	0 04	0 028	30 16	225 61	613 20	4587 38	70 00	523 67	81 67	610 95	5947 62
1/18/2019	0 06	0 042	45 24	338 42	919 81	6881 08	105 00	785 51	122 50	916 42	8921 43
1/19/2019	0 2	0 14	150 79	1128 07	3066 02	22936 92	350 00	2618 35	408 33	3054 74	29738 08
1/20/2019	0 05	0 035	37 70	282 02	766 51	5734 23	87 50	654 59	102 08	763 69	7434 52
1/21/2019	0 12	0 084	90 48	676 84	1839 61	13762 15	210 00	1571 01	245 00	1832 85	17842 85
1/22/2019	0 03	0 021	22 62	169 21	459 90	3440 54	52 50	392 75	61 25	458 21	4460 71
1/23/2019	0 08	0 056	60 32	451 23	1226 41	9174 77	140 00	1047 34	163 33	1221 90	11895 23
1/24/2019	0 08	0 056	60 32	451 23	1226 41	9174 77	140 00	1047 34	163 33	1221 90	11895 23
1/25/2019	0 05	0 035	37 70	282 02	766 51	5734 23	87 50	654 59	102 08	763 69	7434 52
1/26/2019	0 07	0 049	52 78	394 83	1073 11	8027 92	122 50	916 42	142 92	1069 16	10408 33
1/27/2019	0 11	0 077	82 94	620 44	1686 31	12615 31	192 50	1440 09	224 58	1680 11	16355 95
1/28/2019	0 12	0 084	90 48	676 84	1839 61	13762 15	210 00	1571 01	245 00	1832 85	17842 85
1/29/2019	0 06	0 042	45 24	338 42	919 81	6881 08	105 00	785 51	122 50	916 42	8921 43
1/30/2019	0 07	0 049	52 78	394 83	1073 11	8027 92	122 50	916 42	142 92	1069 16	10408 33
1/31/2019	0 05	0 035	37 70	282 02	766 51	5734 23	87 50	654 59	102 08	763 69	7434 52
<b>Monthly Total</b>			<b>1,666 25</b>	<b>12,465.20</b>	<b>33,879.56</b>	<b>253,452.97</b>	<b>3,867 50</b>	<b>28,932 77</b>	<b>4,512.08</b>	<b>33,754.90</b>	<b>328,605 84</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

Feb-19											
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)
2/1/2019	0 04	0 028	30 16	225 61	613 20	4587 38	70 00	523 67	81 67	610 95	5947 62
2/2/2019	0 03	0 021	22 62	169 21	459 90	3440 54	52 50	392 75	61 25	458 21	4460 71
2/3/2019	0 11	0 077	82 94	620 44	1686 31	12615 31	192 50	1440 09	224 58	1680 11	16355 95
2/4/2019	0 15	0 105	113 09	846 05	2299 52	17202 69	262 50	1963 76	306 25	2291 06	22303 56
2/5/2019	0 1	0 07	75 40	564 04	1533 01	11468 46	175 00	1309 18	204 17	1527 37	14869 04
2/6/2019	0 04	0 028	30 16	225 61	613 20	4587 38	70 00	523 67	81 67	610 95	5947 62
2/7/2019	0 21	0 147	158 33	1184 48	3219 32	24083 77	367 50	2749 27	428 75	3207 48	31224 99
2/8/2019	0 07	0 049	52 78	394 83	1073 11	8027 92	122 50	916 42	142 92	1069 16	10408 33
2/9/2019	0 05	0 035	37 70	282 02	766 51	5734 23	87 50	654 59	102 08	763 69	7434 52
2/10/2019	0 02	0 014	15 08	112 81	306 60	2293 69	35 00	261 84	40 83	305 47	2973 81
2/11/2019	0 03	0 021	22 62	169 21	459 90	3440 54	52 50	392 75	61 25	458 21	4460 71
2/12/2019	0 12	0 084	90 48	676 84	1839 61	13762 15	210 00	1571 01	245 00	1832 85	17842 85
2/13/2019	0 17	0 119	128 17	958 86	2606 12	19496 38	297 50	2225 60	347 08	2596 53	25277 37
2/14/2019	0 25	0 175	188 49	1410 09	3832 53	28571 15	437 50	3272 94	510 42	3818 43	37172 61
2/15/2019	0 13	0 091	98 01	733 25	1992 92	14909 00	227 50	1701 93	265 42	1985 58	19329 76
2/16/2019	0 03	0 021	22 62	169 21	459 90	3440 54	52 50	392 75	61 25	458 21	4460 71
2/17/2019	0 11	0 077	82 94	620 44	1686 31	12615 31	192 50	1440 09	224 58	1680 11	16355 95
2/18/2019	0 1	0 07	75 40	564 04	1533 01	11468 46	175 00	1309 18	204 17	1527 37	14869 04
2/19/2019	0 04	0 028	30 16	225 61	613 20	4587 38	70 00	523 67	81 67	610 95	5947 62
2/20/2019	0 09	0 063	67 86	507 63	1379 71	10321 61	157 50	1178 26	183 75	1374 63	13382 14
2/21/2019	0 05	0 035	37 70	282 02	766 51	5734 23	87 50	654 59	102 08	763 69	7434 52
2/22/2019	0 03	0 021	22 62	169 21	459 90	3440 54	52 50	392 75	61 25	458 21	4460 71
2/23/2019	0 21	0 147	158 33	1184 48	3219 32	24083 77	367 50	2749 27	428 75	3207 48	31224 99
2/24/2019	0 14	0 098	105 55	789 65	2146 22	16055 84	245 00	1832 85	285 83	2138 32	20816 66
2/25/2019	0 17	0 119	128 17	958 86	2606 12	19496 38	297 50	2225 60	347 08	2596 53	25277 37
2/26/2019	0 09	0 063	67 86	507 63	1379 71	10321 61	157 50	1178 26	183 75	1374 63	13382 14
2/27/2019	0 04	0 028	30 16	225 61	613 20	4587 38	70 00	523 67	81 67	610 95	5947 62
2/28/2019	0 02	0 014	15 08	112 81	306 60	2293 69	35 00	261 84	40 83	305 47	2973 81
	0	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
	0	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
	0	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
<b>Monthly Total</b>			<b>1,990 45</b>	<b>14,890 56</b>	<b>40,471.51</b>	<b>302,767 35</b>	<b>4,620 00</b>	<b>34,562 22</b>	<b>5,390 00</b>	<b>40,322 59</b>	<b>392,542 72</b>

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**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

Mar-19											
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)
3/1/2019	0 04	0 028	30 16	225 61	613 20	4587 38	70 00	523 67	81 67	610 95	5947 62
3/2/2019	0 03	0 021	22 62	169 21	459 90	3440 54	52 50	392 75	61 25	458 21	4460 71
3/3/2019	0 05	0 035	37 70	282 02	766 51	5734 23	87 50	654 59	102 08	763 69	7434 52
3/4/2019	0 1	0 07	75 40	564 04	1533 01	11468 46	175 00	1309 18	204 17	1527 37	14869 04
3/5/2019	0 12	0 084	90 48	676 84	1839 61	13762 15	210 00	1571 01	245 00	1832 85	17842 85
3/6/2019	0 16	0 112	120 63	902 46	2452 82	18349 54	280 00	2094 68	326 67	2443 79	23790 47
3/7/2019	0 12	0 084	90 48	676 84	1839 61	13762 15	210 00	1571 01	245 00	1832 85	17842 85
3/8/2019	0 09	0 063	67 86	507 63	1379 71	10321 61	157 50	1178 26	183 75	1374 63	13382 14
3/9/2019	0 31	0 217	233 73	1748 51	4752 34	35552 23	542 50	4058 44	632 92	4734 85	46094 03
3/10/2019	0 12	0 084	90 48	676 84	1839 61	13762 15	210 00	1571 01	245 00	1832 85	17842 85
3/11/2019	0 06	0 042	45 24	338 42	919 81	6881 08	105 00	785 51	122 50	916 42	8921 43
3/12/2019	0 05	0 035	37 70	282 02	766 51	5734 23	87 50	654 59	102 08	763 69	7434 52
3/13/2019	0 18	0 126	135 71	1015 27	2759 42	20643 23	315 00	2356 52	367 50	2749 27	26764 28
3/14/2019	0 29	0 203	218 65	1635 71	4445 73	33258 53	507 50	3796 61	592 08	4429 38	43120 22
3/15/2019	0 22	0 154	165 87	1240 88	3372 63	25230 61	385 00	2880 19	449 17	3360 22	32711 89
3/16/2019	0 15	0 105	113 09	846 05	2299 52	17202 69	262 50	1963 76	306 25	2291 06	22303 56
3/17/2019	0 16	0 112	120 63	902 46	2452 82	18349 54	280 00	2094 68	326 67	2443 79	23790 47
3/18/2019	0 17	0 119	128 17	958 86	2606 12	19496 38	297 50	2225 60	347 08	2596 53	25277 37
3/19/2019	0 2	0 14	150 79	1128 07	3066 02	22936 92	350 00	2618 35	408 33	3054 74	29738 08
3/20/2019	0 14	0 098	105 55	789 65	2146 22	16055 84	245 00	1832 85	285 83	2138 32	20816 66
3/21/2019	0 2	0 14	150 79	1128 07	3066 02	22936 92	350 00	2618 35	408 33	3054 74	29738 08
3/22/2019	0 2	0 14	150 79	1128 07	3066 02	22936 92	350 00	2618 35	408 33	3054 74	29738 08
3/23/2019	0 11	0 077	82 94	620 44	1686 31	12615 31	192 50	1440 09	224 58	1680 11	16355 95
3/24/2019	0 2	0 14	150 79	1128 07	3066 02	22936 92	350 00	2618 35	408 33	3054 74	29738 08
3/25/2019	0 19	0 133	143 25	1071 67	2912 72	21790 07	332 50	2487 43	387 92	2902 00	28251 18
3/26/2019	0 17	0 119	128 17	958 86	2606 12	19496 38	297 50	2225 60	347 08	2596 53	25277 37
3/27/2019	0.21	0 147	158 33	1184 48	3219 32	24083 77	367 50	2749 27	428.75	3207 48	31224 99
3/28/2019	0 24	0 168	180 95	1353.69	3679 23	27524 30	420 00	3142 02	490 00	3665 69	35685 70
3/29/2019	0 15	0 105	113 09	846 05	2299 52	17202 69	262 50	1963 76	306 25	2291 06	22303 56
3/30/2019	0 18	0 126	135 71	1015 27	2759 42	20643 23	315 00	2356 52	367 50	2749 27	26764 28
3/31/2019	0 17	0 119	128 17	958 86	2606 12	19496 38	297 50	2225 60	347 08	2596 53	25277 37
<b>Monthly Total</b>			<b>3,603 92</b>	<b>26,960 93</b>	<b>73,277 96</b>	<b>548,192.40</b>	<b>8,365 00</b>	<b>62,578 57</b>	<b>9,759 17</b>	<b>73,008 33</b>	<b>710,740.22</b>
<b>Quarterly Total</b>			<b>7,260 62</b>	<b>54,316 69</b>	<b>147,629 02</b>	<b>1,104,412 72</b>	<b>16,852 50</b>	<b>126,073 55</b>	<b>19,661 25</b>	<b>147,085 81</b>	<b>1,431,888 78</b>

Mesonet  
 Seasonal Single Site ET Table  
 Tishomingo  
 1st Quarter 2019

Date	Reference ET, Short [In]	Reference ET, Tall [In]	Cool Season Grass ET [In]	Warm Season Grass ET [In]	Pan Evaporation [In]
2019/03/31	0.12	0.17	0.12	0.08	0.17
2019/03/30	0.13	0.19	0.12	0.08	0.18
2019/03/29	0.11	0.15	0.1	0.07	0.15
2019/03/28	0.17	0.24	0.16	0.11	0.24
2019/03/27	0.16	0.22	0.15	0.1	0.21
2019/03/26	0.13	0.16	0.12	0.08	0.17
2019/03/25	0.15	0.19	0.14	0.09	0.19
2019/03/24	0.15	0.2	0.14	0.09	0.2
2019/03/23	0.08	0.12	0.08	0.05	0.11
2019/03/22	0.15	0.2	0.14	0.09	0.2
2019/03/21	0.15	0.21	0.14	0.1	0.2
2019/03/20	0.11	0.14	0.1	0.07	0.14
2019/03/19	0.15	0.21	0.14	0.1	0.2
2019/03/18	0.13	0.17	0.12	0.08	0.17
2019/03/17	0.12	0.16	0.12	0.08	0.16
2019/03/16	0.12	0.15	0.11	0.07	0.15
2019/03/15	0.15	0.22	0.14	0.09	0.22
2019/03/14	0.19	0.28	0.18	0.12	0.29
2019/03/13	0.13	0.17	0.12	0.08	0.18
2019/03/12	0.04	0.06	0.04	0.03	0.05
2019/03/11	0.05	0.06	0.05	0.03	0.06
2019/03/10	0.09	0.13	0.08	0.05	0.12
2019/03/09	0.21	0.31	0.2	0.13	0.31
2019/03/08	0.08	0.09	0.07	0.05	0.09
2019/03/07	0.09	0.13	0.09	0.06	0.12
2019/03/06	0.12	0.17	0.11	0.07	0.16
2019/03/05	0.09	0.12	0.08	0.05	0.12
2019/03/04	0.07	0.09	0.06	0.04	0.1
2019/03/03	0.04	0.05	0.03	0.02	0.05
2019/03/02	0.02	0.02	0.02	0.01	0.03
2019/03/01	0.04	0.05	0.03	0.02	0.04
2019/02/28	0.02	0.02	0.02	0.01	0.02
2019/02/27	0.03	0.04	0.03	0.02	0.04
2019/02/26	0.07	0.1	0.07	0.04	0.09
2019/02/25	0.13	0.19	0.12	0.08	0.17
2019/02/24	0.1	0.15	0.1	0.06	0.14
2019/02/23	0.15	0.22	0.14	0.09	0.21
2019/02/22	0.02	0.02	0.02	0.01	0.03
2019/02/21	0.04	0.05	0.04	0.02	0.05
2019/02/20	0.07	0.1	0.07	0.05	0.09
2019/02/19	0.03	0.05	0.03	0.02	0.04
2019/02/18	0.07	0.1	0.06	0.04	0.1
2019/02/17	0.09	0.13	0.08	0.05	0.11
2019/02/16	0.02	0.02	0.02	0.01	0.03
2019/02/15	0.1	0.15	0.09	0.06	0.13
2019/02/14	0.17	0.27	0.16	0.11	0.25
2019/02/13	0.12	0.19	0.11	0.07	0.17



2019/02/12	0.09	0.13	0.09	0.06	0.12
2019/02/11	0.02	0.02	0.02	0.01	0.03
2019/02/10	0.02	0.02	0.01	0.01	0.02
2019/02/09	0.04	0.06	0.04	0.03	0.05
2019/02/08	0.06	0.08	0.05	0.03	0.07
2019/02/07	0.16	0.25	0.15	0.1	0.21
2019/02/06	0.03	0.04	0.03	0.02	0.04
2019/02/05	0.08	0.12	0.08	0.05	0.1
2019/02/04	0.12	0.17	0.11	0.07	0.15
2019/02/03	0.08	0.11	0.07	0.05	0.11
2019/02/02	0.02	0.02	0.02	0.01	0.03
2019/02/01	0.04	0.04	0.03	0.02	0.04
2019/01/31	0.04	0.06	0.04	0.03	0.05
2019/01/30	0.06	0.08	0.05	0.04	0.07
2019/01/29	0.05	0.06	0.04	0.03	0.06
2019/01/28	0.09	0.14	0.08	0.06	0.12
2019/01/27	0.08	0.12	0.08	0.05	0.11
2019/01/26	0.06	0.08	0.05	0.04	0.07
2019/01/25	0.04	0.06	0.04	0.03	0.05
2019/01/24	0.07	0.1	0.06	0.04	0.08
2019/01/23	0.06	0.09	0.06	0.04	0.08
2019/01/22	0.02	0.03	0.02	0.01	0.03
2019/01/21	0.08	0.13	0.08	0.05	0.12
2019/01/20	0.04	0.06	0.04	0.03	0.05
2019/01/19	0.13	0.21	0.12	0.08	0.2
2019/01/18	0.06	0.06	0.04	0.03	0.06
2019/01/17	0.03	0.04	0.03	0.02	0.04
2019/01/16	0.04	0.05	0.03	0.02	0.05
2019/01/15	0.03	0.03	0.02	0.02	0.03
2019/01/14	0.03	0.04	0.03	0.02	0.03
2019/01/13	0.03	0.04	0.03	0.02	0.04
2019/01/12	0.03	0.05	0.03	0.02	0.04
2019/01/11	0.04	0.05	0.03	0.02	0.05
2019/01/10	0.04	0.06	0.04	0.03	0.06
2019/01/09	0.07	0.11	0.07	0.04	0.1
2019/01/08	0.11	0.17	0.1	0.07	0.15
2019/01/07	0.09	0.13	0.08	0.06	0.12
2019/01/06	0.07	0.1	0.06	0.04	0.09
2019/01/05	0.06	0.08	0.05	0.04	0.07
2019/01/04	0.06	0.09	0.06	0.04	0.08
2019/01/03	0.02	0.02	0.02	0.01	0.02
2019/01/02	0.02	0.03	0.02	0.01	0.03
2019/01/01	0.05	0.07	0.04	0.03	0.06

**MILL CREEK DOLOMITE WATER USAGE LOG**  
1st QUARTER 2019

	Water Truck									
	International					Western Star				
	DATE	RAINFALL	START	END	MILES	Loads	START	END	MILES	Loads
Tuesday	1/1/2019	0	76137	76137	0	0	387209	387209	0	0
Wednesday	1/2/2019	0 08	76137	76137	0	0	387209	387209	0	0
Thursday	1/3/2019	1 11	76137	76137	0	0	387209	387209	0	0
Friday	1/4/2019	0 05	76137	76137	0	0	387209	387250	41	21
Saturday	1/5/2019	0	76137	76137	0	0	387250	387250	0	0
Sunday	1/6/2019	0	76137	76137	0	0	387250	387250	0	0
Monday	1/7/2019	0	76137	76137	0	0	387250	387260	10	5
Tuesday	1/8/2019	0	76137	76137	0	0	387260	387266	6	3
Wednesday	1/9/2019	0	76137	76137	0	0	387266	387283	17	9
Thursday	1/10/2019	0	76137	76137	0	0	387283	387303	20	10
Friday	1/11/2019	1 02	76137	76158	21	11	387303	387303	0	0
Saturday	1/12/2019	0	76158	76158	0	0	387303	387307	4	2
Sunday	1/13/2019	0	76158	76158	0	0	387307	387307	0	0
Monday	1/14/2019	0	76158	76183	25	13	387307	387307	0	0
Tuesday	1/15/2019	0 01	76183	76183	0	0	387307	387307	0	0
Wednesday	1/16/2019	0	76183	76183	0	0	387307	387307	0	0
Thursday	1/17/2019	0	76183	76183	0	0	387307	387314	7	4
Friday	1/18/2019	0	76183	76183	0	0	387314	387323	9	5
Saturday	1/19/2019	0 14	76183	76189	6	3	387323	387323	0	0
Sunday	1/20/2019	0 01	76189	76189	0	0	387323	387323	0	0
Monday	1/21/2019	0	76189	76189	0	0	387323	387323	0	0
Tuesday	1/22/2019	0 12	76189	76189	0	0	387323	387323	0	0
Wednesday	1/23/2019	0	76189	76189	0	0	387323	387323	0	0
Thursday	1/24/2019	0	76189	76189	0	0	387323	387323	0	0
Friday	1/25/2019	0	76189	76189	0	0	387323	387329	6	3
Saturday	1/26/2019	0	76189	76189	0	0	387329	387329	0	0
Sunday	1/27/2019	0	76189	76189	0	0	387329	387329	0	0
Monday	1/28/2019	0	76189	76201	12	6	387329	387329	0	0
Tuesday	1/29/2019	0	76201	76210	9	5	387329	387329	0	0
Wednesday	1/30/2019	0	76210	76210	0	0	387329	387329	0	0
Thursday	1/31/2019	0	76210	76210	0	0	387329	387329	0	0
Friday	2/1/2019	0	76210	76223	13	7	387329	387329	0	0
Saturday	2/2/2019	0	76223	76223	0	0	387329	387329	0	0
Sunday	2/3/2019	0	76223	76223	0	0	387329	387329	0	0
Monday	2/4/2019	0	76223	76230	7	4	387329	387329	0	0
Tuesday	2/5/2019	0 06	76230	76240	10	5	387329	387329	0	0
Wednesday	2/6/2019	1 02	76240	76240	0	0	387329	387338	9	5
Thursday	2/7/2019	0 72	76240	76240	0	0	387338	387338	0	0
Friday	2/8/2019	0	76240	76240	0	0	387338	387338	0	0
Saturday	2/9/2019	0	76240	76240	0	0	387338	387338	0	0
Sunday	2/10/2019	0 06	76240	76261	21	11	387338	387338	0	0
Monday	2/11/2019	0 55	76261	76265	4	2	387338	387338	0	0
Tuesday	2/12/2019	0	76265	76271	6	3	387338	387338	0	0

WELL			
DATE	WK	PU - 21	Ag Lime
		Meter Reading	Hours RAN
1/1/19	1	11062	0 0
1/8/19	2	11062	0 0
1/15/19	3	11062	0 0
1/22/19	4	11062	0 0
1/29/19	5	11062	0 0
2/5/19	6	11062	0 0
2/12/19	7	11062	0 0
2/19/19	8	11062	0 0
2/26/19	9	11062	0 0
3/5/19	10	11062	0 0
3/12/19	11	11062	0 0
3/19/19	12	11062	0 0
3/26/19	13	11062	0 0
<b>Total</b>		<b>0</b>	<b>0 0</b>
<b>Total gallons ( @ 476 47/hr)</b>			<b>0</b>

Water Truck Summary		
	Load	Gallons
International	1	4,500
Western Star	1	3,500
International	105	470,250
Western Star	147	514,500
<b>1st QUARTER TOTAL</b>		<b>984,750</b>

Wednesday	2/13/2019	0	76271	76285	14	7	387338	387338	0	0
Thursday	2/14/2019	0	76285	76285	0	0	387338	387340	2	1
Friday	2/15/2019	0	76285	76289	4	2	387340	387340	0	0
Saturday	2/16/2019	0 02	76289	76289	0	0	387340	387340	0	0
Sunday	2/17/2019	0 00	76289	76312	23	12	387340	387340	0	0
Monday	2/18/2019	0 00	76312	76319	7	4	387340	387340	0	0
Tuesday	2/19/2019	0 64	76319	76319	0	0	387340	387340	0	0
Wednesday	2/20/2019	0 01	76319	76319	0	0	387340	387340	0	0
Thursday	2/21/2019	0 00	76319	76319	0	0	387340	387340	0	0
Friday	2/22/2019	0 09	76319	76319	0	0	387340	387340	0	0
Saturday	2/23/2019	0 06	76319	76319	0	0	387340	387340	0	0
Sunday	2/24/2019	0 00	76319	76319	0	0	387340	387340	0	0
Monday	2/25/2019	0 00	76319	76319	0	0	387340	387340	0	0
Tuesday	2/26/2019	0 00	76319	76319	0	0	387340	387340	0	0
Wednesday	2/27/2019	0 04	76319	76319	0	0	387340	387340	0	0
Thursday	2/28/2019	0 00	76319	76336	17	9	387340	387340	0	0
Friday	3/1/2019	0 00	76336	76339	3	2	387340	387340	0	0
Saturday	3/2/2019	0 02	76339	76346	7	4	387340	387340	0	0
Sunday	3/3/2019	0 03	76346	76346	0	0	387340	387340	0	0
Monday	3/4/2019	0 00	76346	76355	0	0	387340	387340	0	0
Tuesday	3/5/2019	0 00	76355	76363	0	0	387340	387340	0	0
Wednesday	3/6/2019	0 00	76363	76363	0	0	387340	387340	0	0
Thursday	3/7/2019	0 00	76363	76363	0	0	387340	387340	0	0
Friday	3/8/2019	0 00	76363	76390	0	0	387340	387340	0	0
Saturday	3/9/2019	0 19	76390	76402	0	0	387340	387340	0	0
Sunday	3/10/2019	0 28	76402	76428	0	0	387340	387340	0	0
Monday	3/11/2019	0 75	76428	76443	0	0	387340	387340	0	0
Tuesday	3/12/2019	0 42	76443	76457	0	0	387340	387340	0	0
Wednesday	3/13/2019	0 85	76457	76472	0	0	387340	387340	0	0
Thursday	3/14/2019	0 00	76472	76488	0	0	387340	387340	0	0
Friday	3/15/2019	0 00	76488	76495	0	0	387340	387340	0	0
Saturday	3/16/2019	0 00	76495	76507	0	0	387340	387340	0	0
Sunday	3/17/2019	0 00	76507	76518	0	0	387340	387340	0	0
Monday	3/18/2019	0 00	76518	76528	0	0	387340	387340	0	0
Tuesday	3/19/2019	0 00	76528	76538	0	0	387340	387340	0	0
Wednesday	3/20/2019	0 04	76538	76554			387340	387340	191	96
Thursday	3/21/2019	0 00	76554	76554	0	0	387340	387340	0	0
Friday	3/22/2019	0 00	76554	76554	0	0	387340	387340	51	26
Saturday	3/23/2019	0 19	76554	76558	0	0	387340	387340	10	5
Sunday	3/24/2019	0 00	76558	76572	0	0	387340	387340	0	0
Monday	3/25/2019	0 00	76572	76587	0	0	387340	387340	0	0
Tuesday	3/26/2019	0 00	76587	76593	0	0	387340	387340	0	0
Wednesday	3/27/2019	0 00	76593	76593	0	0	387340	387340	0	0
Thursday	3/28/2019	0 00	76593	76593	0	0	387340	387361	0	0
Friday	3/29/2019	0 00	76593	76611	0	0	387361	387361	0	0
Saturday	3/30/2019	0 11	76611	76618	0	0	387361	387361	25	13
Sunday	3/31/2019	0 00	76618	76632	0	0	387361	387361	0	0
			76632	76653						
<b>Totals</b>		<b>8 7</b>			<b>209 0</b>	<b>104 5</b>			<b>294 0</b>	<b>147 0</b>

Day/Date	MCD Rainfall Measurement
Monday, December 31, 2018	0.5
Tuesday, January 01, 2019	
Wednesday, January 02, 2019	0.1
Thursday, January 03, 2019	1.1
Friday, January 04, 2019	0.1
Saturday, January 05, 2019	0.0
Sunday, January 06, 2019	0.0
<b>1</b>	<b>1.7</b>
Monday, January 07, 2019	0.0
Tuesday, January 08, 2019	0.0
Wednesday, January 09, 2019	0.0
Thursday, January 10, 2019	0.0
Friday, January 11, 2019	1.0
Saturday, January 12, 2019	0.0
Sunday, January 13, 2019	0.0
<b>2</b>	<b>1.0</b>
Monday, January 14, 2019	0.0
Tuesday, January 15, 2019	0.0
Wednesday, January 16, 2019	0.0
Thursday, January 17, 2019	0.0
Friday, January 18, 2019	0.0
Saturday, January 19, 2019	0.1
Sunday, January 20, 2019	0.0
<b>3</b>	<b>0.2</b>
Monday, January 21, 2019	0.0
Tuesday, January 22, 2019	0.1
Wednesday, January 23, 2019	0.0
Thursday, January 24, 2019	0.0
Friday, January 25, 2019	0.0
Saturday, January 26, 2019	0.0
Sunday, January 27, 2019	0.0
<b>4</b>	<b>0.1</b>
Monday, January 28, 2019	0.0
Tuesday, January 29, 2019	0.0
Wednesday, January 30, 2019	0.0
Thursday, January 31, 2019	0.0
Friday, February 01, 2019	0.0
Saturday, February 02, 2019	0.0
Sunday, February 03, 2019	0.0
<b>5</b>	<b>0.0</b>
Monday, February 04, 2019	0.0
Tuesday, February 05, 2019	0.1
Wednesday, February 06, 2019	1.0
Thursday, February 07, 2019	0.7
Friday, February 08, 2019	0.0
Saturday, February 09, 2019	0.0
Sunday, February 10, 2019	0.1
<b>6</b>	<b>1.9</b>
Monday, February 11, 2019	0.6
Tuesday, February 12, 2019	0.0
Wednesday, February 13, 2019	0.0
Thursday, February 14, 2019	0.0

Day/Date	MCD Rainfall Measurement
Friday, February 15, 2019	0 0
Saturday, February 16, 2019	0 0
Sunday, February 17, 2019	0 0
<b>7</b>	<b>0.6</b>
Monday, February 18, 2019	0 0
Tuesday, February 19, 2019	0 6
Wednesday, February 20, 2019	0 0
Thursday, February 21, 2019	0 0
Friday, February 22, 2019	0 1
Saturday, February 23, 2019	0 1
Sunday, February 24, 2019	0 0
<b>8</b>	<b>0.8</b>
Monday, February 25, 2019	0 0
Tuesday, February 26, 2019	0 0
Wednesday, February 27, 2019	0 0
Thursday, February 28, 2019	0 0
Friday, March 01, 2019	0 0
Saturday, March 02, 2019	0 0
Sunday, March 03, 2019	0 0
<b>9</b>	<b>0.1</b>
Monday, March 04, 2019	0 0
Tuesday, March 05, 2019	0 0
Wednesday, March 06, 2019	0 0
Thursday, March 07, 2019	0 0
Friday, March 08, 2019	0 0
Saturday, March 09, 2019	0 2
Sunday, March 10, 2019	0 3
<b>10</b>	<b>0.5</b>
Monday, March 11, 2019	0 8
Tuesday, March 12, 2019	0 4
Wednesday, March 13, 2019	0 9
Thursday, March 14, 2019	0 0
Friday, March 15, 2019	0 0
Saturday, March 16, 2019	0 0
Sunday, March 17, 2019	0 0
<b>11</b>	<b>2.0</b>
Monday, March 18, 2019	0 0
Tuesday, March 19, 2019	0 0
Wednesday, March 20, 2019	0 0
Thursday, March 21, 2019	0 0
Friday, March 22, 2019	0 0
Saturday, March 23, 2019	0 2
Sunday, March 24, 2019	0 0
<b>12</b>	<b>0.2</b>
Monday, March 25, 2019	0 0
Tuesday, March 26, 2019	0 0
Wednesday, March 27, 2019	0 0
Thursday, March 28, 2019	0 0
Friday, March 29, 2019	0 0
Saturday, March 30, 2019	0 1
Sunday, March 31, 2019	0 0
<b>13</b>	<b>0.1</b>