



MILL CREEK DOLOMITE, LLC.

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

03/29/19

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

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APR 02 2019

Oklahoma Water Resources Board

Re: Consumptive Use of Pit Water, 4th Quarter Report 2018

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 2018.

Please note that our Pit Water Pumped during the 4th 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

CONSUMPTIVE USE REPORT

4th Quarter 2018

MILL CREEK DOLOMITE, LLC
MILL CREEK MINE & MILL

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Oklahoma Water Resources Board

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)	6,033,857
2	Volume of precipitation that falls onto the surface of water in the producing mining pit(s)	39,879,668
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	39,879,668
6	Pit Ground Water Volume (Line 1 minus Line 5)	-33,845,811
DEFINED ELEMENTS OF CONSUMPTIVE USE		
7	Volume of pit groundwater that is driven off (by drying) the mined material transported off the mine site	47,579
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)	1,269,816
10	Volume of pit water groundwater that is used for other beneficial uses off the mine site	510,441
11	Defined Elements of Consumptive Use of Pit Groundwater (Add Lines 7 through 10)	1,827,836
PIT GROUNDWATER BALANCE		
12	Line 6 minus Line 11	-35,673,647
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)	-35,673,647
TOTAL REPORTED CONSUMPTIVE USE OF PIT WATER		
20	Total Net Reported Consumptive Use: (Line 11 plus Line 19)	-33,845,811

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)

100 New Pump Field Checked 12/20/18

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
10/5/18	40	9145	0.0	15038	56.0	0	48000	48000	4.8	865337	6473585	420483	3145632	9619216
10/12/18	41	9145	0.0	15100	62.0	0	53143	53143	5.1	919420	6878184	446763	3342234	10220417
10/19/18	42	9145	0.0	15141	41.0	0	35143	35143	0.8	144223	1078931	70080	524272	1603203
10/26/18	43	9145	0.0	15152	11.0	0	9429	9429	0.3	54084	404599	26280	196602	601201
Monthly Totals			0.0		170.0	0	2258571	2258571	11.00	1983064	14835298	963606	7208740	22044038
11/2/18	44	9145	0.0	15152	0.0	0	0	0	1.6	288446	2157862	140161	1048544	3206405
11/9/18	45	9145	0.0	15152	0.0	0	0	0	0.7	126195	944064	61320	458738	1402802
11/16/18	46	9145	0.0	15152	0.0	0	0	0	0.2	36056	269733	17520	131068	400801
11/23/18	47	9145	0.0	15152	0.0	0	0	0	0.0	0	0	0	0	0
11/30/18	48	9145	0.0	15200	48.0	0	41143	41143	0.3	54084	404599	26280	196602	601201
Monthly Totals			0.0		48.0	0	493714	493714	2.8	504780	3776258	245282	1834952	5611210
12/7/18	49	9145	0.0	15092	60.0	0	51429	51429	0.7	126195	944064	61320	458738	1402802
12/14/18	50	9145	0.0	15124	32.0	0	27429	27429	3.6	649003	4855188	315362	2359224	7214412
12/21/18	51	9145	0.0	15199	75.0	0	64286	64286	0.0	0	0	0	0	0
12/28/18	52	9145	0.0	15279	80.0	0	68571	68571	1.8	324501	2427594	157681	1179612	3607206
Monthly Totals			0.0		247.0	0	3281571	3281571	6.1	1099699	8226847	534364	3997574	12224421
4th QUARTER TOTALS			0.0		465.0	0	6,033,857	6,033,857	19.90	3587542	26838403	1743252	13041265	39,879,668

**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-18												
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)	
10/1/2018	0.14	0.098	105.55	789.65	2146.22	16055.84	245.00	1832.85	285.83	2138.32	20816.66	
10/2/2018	0.11	0.077	82.94	620.44	1686.31	12615.31	192.50	1440.09	224.58	1680.11	16355.95	
10/3/2018	0.21	0.147	158.33	1184.48	3219.32	24083.77	367.50	2749.27	428.75	3207.48	31224.99	
10/4/2018	0.19	0.133	143.25	1071.67	2912.72	21790.07	332.50	2487.43	387.92	2902.00	28251.18	
10/5/2018	0.20	0.14	150.79	1128.07	3066.02	22936.92	350.00	2618.35	408.33	3054.74	29738.08	
10/6/2018	0.17	0.119	128.17	958.86	2606.12	19496.38	297.50	2225.60	347.08	2596.53	25277.37	
10/7/2018	0.10	0.07	75.40	564.04	1533.01	11468.46	175.00	1309.18	204.17	1527.37	14869.04	
10/8/2018	0.12	0.084	90.48	676.84	1839.61	13762.15	210.00	1571.01	245.00	1832.85	17842.85	
10/9/2018	0.04	0.028	30.16	225.61	613.20	4587.38	70.00	523.67	81.67	610.95	5947.62	
10/10/2018	0.13	0.091	98.01	733.25	1992.92	14909.00	227.50	1701.93	265.42	1985.58	19329.76	
10/11/2018	0.15	0.105	113.09	846.05	2299.52	17202.69	262.50	1963.76	306.25	2291.06	22303.56	
10/12/2018	0.04	0.028	30.16	225.61	613.20	4587.38	70.00	523.67	81.67	610.95	5947.62	
10/13/2018	0.03	0.021	22.62	169.21	459.90	3440.54	52.50	392.75	61.25	458.21	4460.71	
10/14/2018	0.03	0.021	22.62	169.21	459.90	3440.54	52.50	392.75	61.25	458.21	4460.71	
10/15/2018	0.07	0.049	52.78	394.83	1073.11	8027.92	122.50	916.42	142.92	1069.16	10408.33	
10/16/2018	0.12	0.084	90.48	676.84	1839.61	13762.15	210.00	1571.01	245.00	1832.85	17842.85	
10/17/2018	0.1	0.07	75.40	564.04	1533.01	11468.46	175.00	1309.18	204.17	1527.37	14869.04	
10/18/2018	0.09	0.063	67.86	507.63	1379.71	10321.61	157.50	1178.26	183.75	1374.63	13382.14	
10/19/2018	0.03	0.021	22.62	169.21	459.90	3440.54	52.50	392.75	61.25	458.21	4460.71	
10/20/2018	0.1	0.07	75.40	564.04	1533.01	11468.46	175.00	1309.18	204.17	1527.37	14869.04	
10/21/2018	0.11	0.077	82.94	620.44	1686.31	12615.31	192.50	1440.09	224.58	1680.11	16355.95	
10/22/2018	0.09	0.063	67.86	507.63	1379.71	10321.61	157.50	1178.26	183.75	1374.63	13382.14	
10/23/2018	0.1	0.07	75.40	564.04	1533.01	11468.46	175.00	1309.18	204.17	1527.37	14869.04	
10/24/2018	0.04	0.028	30.16	225.61	613.20	4587.38	70.00	523.67	81.67	610.95	5947.62	
10/25/2018	0.05	0.035	37.70	282.02	766.51	5734.23	87.50	654.59	102.08	763.69	7434.52	
10/26/2018	0.11	0.077	82.94	620.44	1686.31	12615.31	192.50	1440.09	224.58	1680.11	16355.95	
10/27/2018	0.12	0.084	90.48	676.84	1839.61	13762.15	210.00	1571.01	245.00	1832.85	17842.85	
10/28/2018	0.13	0.091	98.01	733.25	1992.92	14909.00	227.50	1701.93	265.42	1985.58	19329.76	
10/29/2018	0.16	0.112	120.63	902.46	2452.82	18349.54	280.00	2094.68	326.67	2443.79	23320.47	
10/30/2018	0.13	0.091	98.01	733.25	1992.92	14909.00	227.50	1701.93	265.42	1985.58	19329.76	
10/31/2018	0.06	0.042	45.24	338.42	919.81	6881.08	105.00	785.51	122.50	916.42	8911.43	
Monthly Total			2,465.44	18,443.98	50,129.48	375,018.65	5,722.50	42,810.02	6,676.25	49,945.03	486,117.68	

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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

Nov-18											
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)
11/1/2018	0.11	0.077	82.94	620.44	1686.31	12615.31	192.50	1440.09	224.58	1680.11	16355.95
11/2/2018	0.12	0.084	90.48	676.84	1839.61	13762.15	210.00	1571.01	245.00	1832.85	17842.85
11/3/2018	0.14	0.098	105.55	789.65	2146.22	16055.84	245.00	1832.85	285.83	2138.32	20816.66
11/4/2018	0.10	0.07	75.40	564.04	1533.01	11468.46	175.00	1309.18	204.17	1527.37	14869.04
11/5/2018	0.14	0.098	105.55	789.65	2146.22	16055.84	245.00	1832.85	285.83	2138.32	20816.66
11/6/2018	0.15	0.105	113.09	846.05	2299.52	17202.69	262.50	1963.76	306.25	2291.06	22303.56
11/7/2018	0.10	0.07	75.40	564.04	1533.01	11468.46	175.00	1309.18	204.17	1527.37	14869.04
11/8/2018	0.06	0.042	45.24	338.42	919.81	6881.08	105.00	785.51	122.50	916.42	8921.43
11/9/2018	0.1	0.07	75.40	564.04	1533.01	11468.46	175.00	1309.18	204.17	1527.37	14869.04
11/10/2018	0.1	0.07	75.40	564.04	1533.01	11468.46	175.00	1309.18	204.17	1527.37	14869.04
11/11/2018	0.08	0.056	60.32	451.23	1226.41	9174.77	140.00	1047.34	163.33	1221.90	11895.23
11/12/2018	0.05	0.035	37.70	282.02	766.51	5734.23	87.50	654.59	102.08	763.69	7434.52
11/13/2018	0.09	0.063	67.86	507.63	1379.71	10321.61	157.50	1178.26	183.75	1374.63	13382.14
11/14/2018	0.08	0.056	60.32	451.23	1226.41	9174.77	140.00	1047.34	163.33	1221.90	11895.23
11/15/2018	0.11	0.077	82.94	620.44	1686.31	12615.31	192.50	1440.09	224.58	1680.11	16355.95
11/16/2018	0.1	0.07	75.40	564.04	1533.01	11468.46	175.00	1309.18	204.17	1527.37	14869.04
11/17/2018	0.14	0.098	105.55	789.65	2146.22	16055.84	245.00	1832.85	285.83	2138.32	20816.66
11/18/2018	0.05	0.035	37.70	282.02	766.51	5734.23	87.50	654.59	102.08	763.69	7434.52
11/19/2018	0.06	0.042	45.24	338.42	919.81	6881.08	105.00	785.51	122.50	916.42	8921.43
11/20/2018	0.07	0.049	52.78	394.83	1073.11	8027.92	122.50	916.42	142.92	1069.16	10408.33
11/21/2018	0.07	0.049	52.78	394.83	1073.11	8027.92	122.50	916.42	142.92	1069.16	10408.33
11/22/2018	0.09	0.063	67.86	507.63	1379.71	10321.61	157.50	1178.26	183.75	1374.63	13382.14
11/23/2018	0.15	0.105	113.09	846.05	2299.52	17202.69	262.50	1963.76	306.25	2291.06	22303.56
11/24/2018	0.21	0.147	158.33	1184.48	3219.32	24083.77	367.50	2749.27	428.75	3207.48	31224.99
11/25/2018	0.18	0.126	135.71	1015.27	2759.42	20643.23	315.00	2356.52	367.50	2749.27	26764.28
11/26/2018	0.07	0.049	52.78	394.83	1073.11	8027.92	122.50	916.42	142.92	1069.16	10408.33
11/27/2018	0.08	0.056	60.32	451.23	1226.41	9174.77	140.00	1047.34	163.33	1221.90	11895.23
11/28/2018	0.12	0.084	90.48	676.84	1839.61	13762.15	210.00	1571.01	245.00	1832.85	17842.85
11/29/2018	0.14	0.098	105.55	789.65	2146.22	16055.84	245.00	1832.85	285.83	2138.32	20816.66
11/30/2018	0.09	0.063	67.86	507.63	1379.71	10321.61	157.50	1178.26	183.75	1374.63	13382.14
		0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Monthly Total			2,374.97	17,767.14	48,289.87	361,256.50	5,512.50	41,239.01	6,431.25	48,112.18	468,374.83

**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-18											
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)
12/1/2018	0.17	0.119	128.17	958.86	2606.12	19496.38	297.50	2225.60	347.08	2596.53	25277.37
12/2/2018	0.08	0.056	60.32	451.23	1226.41	9174.77	140.00	1047.34	163.33	1221.90	11895.23
12/3/2018	0.08	0.056	60.32	451.23	1226.41	9174.77	140.00	1047.34	163.33	1221.90	11895.23
12/4/2018	0.06	0.042	45.24	338.42	919.81	6881.08	105.00	785.51	122.50	916.42	8921.43
12/5/2018	0.06	0.042	45.24	338.42	919.81	6881.08	105.00	785.51	122.50	916.42	8921.43
12/6/2018	0.06	0.042	45.24	338.42	919.81	6881.08	105.00	785.51	122.50	916.42	8921.43
12/7/2018	0.05	0.035	37.70	282.02	766.51	5734.23	87.50	654.59	102.08	763.69	7434.52
12/8/2018	0.02	0.014	15.08	112.81	306.60	2293.69	35.00	261.84	40.83	305.47	2973.81
12/9/2018	0.07	0.049	52.78	394.83	1073.11	8027.92	122.50	916.42	142.92	1069.16	10408.33
12/10/2018	0.05	0.035	37.70	282.02	766.51	5734.23	87.50	654.59	102.08	763.69	7434.52
12/11/2018	0.1	0.07	75.40	564.04	1533.01	11468.46	175.00	1309.18	204.17	1527.37	14869.04
12/12/2018	0.05	0.035	37.70	282.02	766.51	5734.23	87.50	654.59	102.08	763.69	7434.52
12/13/2018	0.06	0.042	45.24	338.42	919.81	6881.08	105.00	785.51	122.50	916.42	8921.43
12/14/2018	0.06	0.042	45.24	338.42	919.81	6881.08	105.00	785.51	122.50	916.42	8921.43
12/15/2018	0.12	0.084	90.48	676.84	1839.61	13762.15	210.00	1571.01	245.00	1832.85	17842.85
12/16/2018	0.05	0.035	37.70	282.02	766.51	5734.23	87.50	654.59	102.08	763.69	7434.52
12/17/2018	0.05	0.035	37.70	282.02	766.51	5734.23	87.50	654.59	102.08	763.69	7434.52
12/18/2018	0.05	0.035	37.70	282.02	766.51	5734.23	87.50	654.59	102.08	763.69	7434.52
12/19/2018	0.02	0.014	15.08	112.81	306.60	2293.69	35.00	261.84	40.83	305.47	2973.81
12/20/2018	0.18	0.126	135.71	1015.27	2759.42	20643.23	315.00	2356.52	367.50	2749.27	26764.28
12/21/2018	0.09	0.063	67.86	507.63	1379.71	10321.61	157.50	1178.26	183.75	1374.63	13382.14
12/22/2018	0.09	0.063	67.86	507.63	1379.71	10321.61	157.50	1178.26	183.75	1374.63	13382.14
12/23/2018	0.08	0.056	60.32	451.23	1226.41	9174.77	140.00	1047.34	163.33	1221.90	11895.23
12/24/2018	0.07	0.049	52.78	394.83	1073.11	8027.92	122.50	916.42	142.92	1069.16	10408.33
12/25/2018	0.03	0.021	22.62	169.21	459.90	3440.54	52.50	392.75	61.25	458.21	4460.71
12/26/2018	0.04	0.028	30.16	225.61	613.20	4587.38	70.00	523.67	81.67	610.95	5947.62
12/27/2018	0.07	0.049	52.78	394.83	1073.11	8027.92	122.50	916.42	142.92	1069.16	10408.33
12/28/2018	0.07	0.049	52.78	394.83	1073.11	8027.92	122.50	916.42	142.92	1069.16	10408.33
12/29/2018	0.05	0.035	37.70	282.02	766.51	5734.23	87.50	654.59	102.08	763.69	7434.52
12/30/2018	0.02	0.014	15.08	112.81	306.60	2293.69	35.00	261.84	40.83	305.47	2973.81
12/31/2018	0.07	0.049	52.78	394.83	1073.11	8027.92	122.50	916.42	142.92	1069.16	10408.33
Monthly Total			1,598.39	11,957.57	32,499.85	243,131.36	3,710.00	27,754.51	4,328.33	32,380.26	315,223.70
Quarterly Total			6,438.80	48,168.69	130,919.20	979,406.51	14,945.00	111,803.55	17,435.83	130,437.47	1,269,816.22

Mesonet
 Seasonal Single Site ET Table
 Tishomingo
 4th Quarter 2018

Date	Reference ET, Short [in]	Reference ET, Tall [in]	Cool Season Grass ET [in]	Warm Season Grass ET [in]	Pan Evaporation [in]
2018/12/31	0.06	0.08	0.05	0.04	0.07
2018/12/30	0.02	0.02	0.02	0.01	0.02
2018/12/29	0.04	0.06	0.04	0.02	0.05
2018/12/28	0.05	0.08	0.05	0.03	0.07
2018/12/27	0.06	0.08	0.05	0.04	0.07
2018/12/26	0.03	0.04	0.03	0.02	0.04
2018/12/25	0.02	0.03	0.02	0.01	0.03
2018/12/24	0.06	0.08	0.05	0.03	0.07
2018/12/23	0.06	0.1	0.06	0.04	0.08
2018/12/22	0.07	0.11	0.07	0.04	0.09
2018/12/21	0.07	0.11	0.07	0.04	0.09
2018/12/20	0.12	0.19	0.11	0.07	0.18
2018/12/19	0.02	0.02	0.02	0.01	0.02
2018/12/18	0.04	0.06	0.04	0.03	0.05
2018/12/17	0.04	0.06	0.04	0.03	0.05
2018/12/16	0.04	0.06	0.04	0.03	0.05
2018/12/15	0.09	0.14	0.08	0.05	0.12
2018/12/14	0.04	0.06	0.04	0.03	0.06
2018/12/13	0.04	0.06	0.04	0.03	0.06
2018/12/12	0.04	0.06	0.04	0.03	0.05
2018/12/11	0.08	0.12	0.07	0.05	0.1
2018/12/10	0.04	0.06	0.04	0.03	0.05
2018/12/09	0.06	0.09	0.05	0.04	0.07
2018/12/08	0.02	0.02	0.02	0.01	0.02
2018/12/07	0.04	0.05	0.03	0.02	0.05
2018/12/06	0.05	0.07	0.05	0.03	0.06
2018/12/05	0.05	0.07	0.05	0.03	0.06
2018/12/04	0.04	0.06	0.04	0.03	0.06
2018/12/03	0.08	0.09	0.06	0.04	0.08
2018/12/02	0.06	0.09	0.06	0.04	0.08
2018/12/01	0.12	0.19	0.11	0.08	0.17
2018/11/30	0.07	0.1	0.06	0.04	0.09
2018/11/29	0.11	0.16	0.1	0.07	0.14
2018/11/28	0.09	0.14	0.09	0.08	0.12
2018/11/27	0.07	0.1	0.06	0.04	0.08
2018/11/26	0.06	0.08	0.06	0.04	0.07
2018/11/25	0.12	0.19	0.11	0.07	0.18
2018/11/24	0.15	0.25	0.14	0.09	0.21
2018/11/23	0.11	0.17	0.1	0.07	0.15
2018/11/22	0.07	0.11	0.07	0.05	0.09
2018/11/21	0.06	0.08	0.06	0.04	0.07
2018/11/20	0.06	0.08	0.06	0.04	0.07
2018/11/19	0.05	0.07	0.05	0.03	0.06
2018/11/18	0.04	0.06	0.04	0.02	0.05
2018/11/17	0.1	0.16	0.1	0.06	0.14
2018/11/16	0.08	0.11	0.07	0.05	0.1
2018/11/15	0.09	0.13	0.08	0.05	0.11

2018/11/14	0 06	0 09	0 06	0 04	0 08
2018/11/13	0 08	0 09	0 06	0 04	0 09
2018/11/12	0 04	0 08	0 04	0 02	0 05
2018/11/11	0 06	0 09	0 06	0 04	0 08
2018/11/10	0 08	0 12	0 07	0 05	0 1
2018/11/09	0 08	0 11	0 07	0 05	0 1
2018/11/08	0 05	0 07	0 05	0 03	0 06
2018/11/07	0 07	0 11	0 07	0 04	0 1
2018/11/06	0 11	0 16	0 11	0 07	0 15
2018/11/05	0 11	0 16	0 1	0 07	0 14
2018/11/04	0 08	0 11	0 07	0 05	0 1
2018/11/03	0 11	0 16	0 1	0 07	0 14
2018/11/02	0 1	0 14	0 09	0 06	0 12
2018/11/01	0 08	0 12	0 08	0 05	0 11
2018/10/31	0 05	0 07	0 05	0 03	0 06
2018/10/30	0 1	0 14	0 09	0 06	0 13
2018/10/29	0 13	0 18	0 12	0 08	0 16
2018/10/28	0 11	0 14	0 1	0 07	0 13
2018/10/27	0 1	0 12	0 09	0 06	0 12
2018/10/26	0 09	0 12	0 08	0 06	0 11
2018/10/25	0 04	0 05	0 04	0 02	0 05
2018/10/24	0 04	0 05	0 03	0 02	0 04
2018/10/23	0 09	0 11	0 08	0 05	0 1
2018/10/22	0 07	0 09	0 07	0 05	0 09
2018/10/21	0 09	0 11	0 08	0 08	0 11
2018/10/20	0 08	0 11	0 08	0 05	0 1
2018/10/19	0 03	0 03	0 03	0 02	0 03
2018/10/18	0 07	0 1	0 07	0 05	0 09
2018/10/17	0 08	0 11	0 07	0 05	0 1
2018/10/16	0 09	0 13	0 08	0 06	0 12
2018/10/15	0 05	0 08	0 05	0 03	0 07
2018/10/14	0 02	0 02	0 02	0 01	0 03
2018/10/13	0 02	0 03	0 02	0 01	0 03
2018/10/12	0 03	0 04	0 03	0 02	0 04
2018/10/11	0 12	0 16	0 11	0 08	0 15
2018/10/10	0 1	0 12	0 1	0 06	0 13
2018/10/09	0 03	0 04	0 03	0 02	0 04
2018/10/08	0 09	0 12	0 09	0 06	0 12
2018/10/07	0 08	0 1	0 08	0 05	0 1
2018/10/06	0 13	0 17	0 13	0 08	0 17
2018/10/05	0 16	0 21	0 15	0 1	0 2
2018/10/04	0 15	0 19	0 14	0 09	0 19
2018/10/03	0 17	0 21	0 16	0 1	0 21
2018/10/02	0 1	0 11	0 09	0 06	0 11
2018/10/01	0 12	0 14	0 11	0 07	0 14

MILL CREEK DOLOMITE WATER USAGE LOG
4th QUARTER 2018

	Water Truck									
	DATE	RAINFALL	International			Loads	Western Star			
			START	END	MILES		START	END	MILES	Loads
Sunday	10/1/2018	0.01	79065				386932			
Monday	10/2/2018	0.01								
Tuesday	10/3/2018	0								
Wednesday	10/4/2018	0								
Thursday	10/5/2018	0								
Friday	10/6/2018	3.33								
Saturday	10/7/2018	1.46								
Sunday	10/8/2018	0.18								
Monday	10/9/2018	1.12								
Tuesday	10/10/2018	0								
Wednesday	10/11/2018	0								
Thursday	10/12/2018	0.67								
Friday	10/13/2018	2.17								
Saturday	10/14/2018	0.95								
Sunday	10/15/2018	0.2								
Monday	10/16/2018	0								
Tuesday	10/17/2018	0.03								
Wednesday	10/18/2018	0								
Thursday	10/19/2018	0.52								
Friday	10/20/2018	0								
Saturday	10/21/2018	0.01								
Sunday	10/22/2018	0								
Monday	10/23/2018	0								
Tuesday	10/24/2018	0.3								
Wednesday	10/25/2018	0.03								
Thursday	10/26/2018	0								
Friday	10/27/2018	0.01								
Saturday	10/28/2018	0								
Sunday	10/29/2018	0								
Monday	10/30/2018	0								
Tuesday	10/31/2018	1.08								
Wednesday	11/1/2018	0								
Thursday	11/2/2018	0								
Friday	11/3/2018	0.47								
Saturday	11/4/2018	0								
Sunday	11/5/2018									
Monday	11/6/2018									
Tuesday	11/7/2018									
Wednesday	11/8/2018	0.7								
Thursday	11/9/2018									
Friday	11/10/2018									
Saturday	11/11/2018									
Sunday	11/12/2018	0.16								

WELL			
DATE	WK	PU - 21	Ag Lime
		Meter Reading	Hours RAN
1/1/18	1	11062	0.0
1/8/18	2	11062	0.0
1/15/18	3	11062	0.0
1/22/18	4	11062	0.0
1/29/18	5	11062	0.0
2/5/18	6	11062	0.0
2/12/18	7	11062	0.0
2/19/18	8	11062	0.0
2/26/18	9	11062	0.0
3/5/18	10	11062	0.0
3/12/18	11	11062	0.0
3/19/18	12	11062	0.0
3/26/18	13	11062	0.0
Total		0	0.0
Total gallons (@ 476.47/hr)			0

Water Truck Summary		
	Load	Gallons
International	1 =	4,500
Western Star	1 =	3,500
International	29	129,600
Western Star	109	380,841
4th QUARTER TOTAL		510,441

Monday	11/13/2018									
Tuesday	11/14/2018									
Wednesday	11/15/2018									
Thursday	11/16/2018									
Friday	11/17/2018									
Saturday	11/18/2018	0.01								
Sunday	11/19/2018									
Monday	11/20/2018									
Tuesday	11/21/2018									
Wednesday	11/22/2018									
Thursday	11/23/2018									
Friday	11/24/2018									
Saturday	11/25/2018									
Sunday	11/26/2018									
Monday	11/27/2018									
Tuesday	11/28/2018									
Wednesday	11/29/2018									
Thursday	11/30/2018	0.26								
Friday	12/1/2018	0.00								
Saturday	12/2/2018									
Sunday	12/3/2018									
Monday	12/4/2018									
Tuesday	12/5/2018									
Wednesday	12/6/2018	0.02								
Thursday	12/7/2018	0.18								
Friday	12/8/2018	0.49								
Saturday	12/9/2018									
Sunday	12/10/2018									
Monday	12/11/2018									
Tuesday	12/12/2018									
Wednesday	12/13/2018	3.02								
Thursday	12/14/2018	0.61								
Friday	12/15/2018									
Saturday	12/16/2018									
Sunday	12/17/2018									
Monday	12/18/2018						386932	387123	191	67
Tuesday	12/19/2018	0.04					387123	387157	34	5
Wednesday	12/20/2018		76065	76108	43	17	387157	387174	17	6
Thursday	12/21/2018						387174	387184	10	4
Friday	12/22/2018									
Saturday	12/23/2018									
Sunday	12/24/2018									
Monday	12/25/2018	0.02								
Tuesday	12/26/2018	0.98								
Wednesday	12/27/2018	0.15								
Thursday	12/28/2018		76108	76137	29	12	387184	387250	66	26
Friday	12/29/2018									
Saturday	12/30/2018	0.65								
Sunday	12/31/2018									
Totals		0.5			72.0	28.8			318.0	108.8

2.833
2.5

Day/Date	MCD Rainfall Measurement
Monday, October 01, 2018	0.0
Tuesday, October 02, 2018	0.0
Wednesday, October 03, 2018	0.0
Thursday, October 04, 2018	0.0
Friday, October 05, 2018	0.0
Saturday, October 06, 2018	3.3
Sunday, October 07, 2018	1.5
	4.8
Monday, October 08, 2018	0.2
Tuesday, October 09, 2018	1.1
Wednesday, October 10, 2018	0.0
Thursday, October 11, 2018	0.0
Friday, October 12, 2018	0.7
Saturday, October 13, 2018	2.2
Sunday, October 14, 2018	1.0
	5.1
Monday, October 15, 2018	0.2
Tuesday, October 16, 2018	0.0
Wednesday, October 17, 2018	0.0
Thursday, October 18, 2018	0.0
Friday, October 19, 2018	0.5
Saturday, October 20, 2018	0.0
Sunday, October 21, 2018	0.0
	0.8
Monday, October 22, 2018	0.0
Tuesday, October 23, 2018	0.0
Wednesday, October 24, 2018	0.3
Thursday, October 25, 2018	0.0
Friday, October 26, 2018	0.0
Saturday, October 27, 2018	0.0
Sunday, October 28, 2018	0.0
	0.3
Monday, October 29, 2018	0.0
Tuesday, October 30, 2018	0.0
Wednesday, October 31, 2018	1.1
Thursday, November 01, 2018	0.0
Friday, November 02, 2018	0.0
Saturday, November 03, 2018	0.5
Sunday, November 04, 2018	0.0
	1.6
Monday, November 05, 2018	0.0
Tuesday, November 06, 2018	0.0
Wednesday, November 07, 2018	0.0
Thursday, November 08, 2018	0.7
Friday, November 09, 2018	0.0
Saturday, November 10, 2018	0.0
Sunday, November 11, 2018	0.0
	0.7
Monday, November 12, 2018	0.2
Tuesday, November 13, 2018	0.0
Wednesday, November 14, 2018	0.0
Thursday, November 15, 2018	0.0

Day/Date	MCD Rainfall Measurement
Friday, November 16, 2018	0.0
Saturday, November 17, 2018	0.0
Sunday, November 18, 2018	0.0
	0.2
Monday, November 19, 2018	0.0
Tuesday, November 20, 2018	0.0
Wednesday, November 21, 2018	0.0
Thursday, November 22, 2018	0.0
Friday, November 23, 2018	0.0
Saturday, November 24, 2018	0.0
Sunday, November 25, 2018	0.0
	0.0
Monday, November 26, 2018	0.0
Tuesday, November 27, 2018	0.0
Wednesday, November 28, 2018	0.0
Thursday, November 29, 2018	0.0
Friday, November 30, 2018	0.3
Saturday, December 01, 2018	0.0
Sunday, December 02, 2018	0.0
	0.3
Monday, December 03, 2018	0.0
Tuesday, December 04, 2018	0.0
Wednesday, December 05, 2018	0.0
Thursday, December 06, 2018	0.0
Friday, December 07, 2018	0.2
Saturday, December 08, 2018	0.5
Sunday, December 09, 2018	0.0
	0.7
Monday, December 10, 2018	0.0
Tuesday, December 11, 2018	0.0
Wednesday, December 12, 2018	0.0
Thursday, December 13, 2018	3.0
Friday, December 14, 2018	0.6
Saturday, December 15, 2018	0.0
Sunday, December 16, 2018	0.0
	3.6
Monday, December 17, 2018	0.0
Tuesday, December 18, 2018	0.0
Wednesday, December 19, 2018	0.0
Thursday, December 20, 2018	0.0
Friday, December 21, 2018	0.0
Saturday, December 22, 2018	0.0
Sunday, December 23, 2018	0.0
	0.0
Monday, December 24, 2018	0.0
Tuesday, December 25, 2018	0.0
Wednesday, December 26, 2018	1.0
Thursday, December 27, 2018	0.2
Friday, December 28, 2018	0.0
Saturday, December 29, 2018	0.0
Sunday, December 30, 2018	0.7
	1.8