



MILL CREEK DOLOMITE, LLC.

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

03/26/2020

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

RECEIVED

APR 16 2020

Oklahoma Water Resources Board

Re: Consumptive Use of Pit Water, 4th 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.

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

Oklahoma Water Resources Board

APR 16 2020

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CONSUMPTIVE USE REPORT**4th Quarter 2019****MILL CREEK DOLOMITE, LLC
MILL CREEK MINE & MILL****RECEIVED****APR 16 2020**

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)	36,814,929
2	Volume of precipitation that falls onto the surface of water in the producing mining pit(s)	25,050,043
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	25,050,043
6	Pit Ground Water Volume (Line 1 minus Line 5)	11,764,886
DEFINED ELEMENTS OF CONSUMPTIVE USE		
7	Volume of pit groundwater that is driven off (by drying) the mined material transported off the mine site	39,591
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)	3,995,278
10	Volume of pit water groundwater that is used for other beneficial uses off the mine site	112,500
11	Defined Elements of Consumptive Use of Pit Groundwater (Add Lines 7 through 10)	4,147,369
PIT GROUNDWATER BALANCE		
12	Line 6 minus Line 11	7,617,517
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)	7,617,517
TOTAL REPORTED CONSUMPTIVE USE OF PIT WATER		
20	Total Net Reported Consumptive Use: (Line 11 plus Line 19)	11,764,886

MILL CREEK DOLOMITE, LLC

PIT WATER MONITORING DATA

SUMP SURFACE AREA DATA:

SUMP A (sq ft) **2,163,342**
 PUMP A (GPM) **500**

SUMP B (sq ft) **1,051,207**
 PUMP B (GPM) **500** 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
10/4/19	40	1	120.0	2537	29.0	514286	124286	638571	0.0	0	0	0	0	0
10/11/19	41	1	137.0	2565	28.0	587143	120000	707143	1.1	198306	1483530	96361	720874	2204404
10/18/19	42	1	144.0	2583	18.0	617143	77143	694286	0.6	108167	809198	52560	393204	1202402
10/25/19	43	1	144.0	2668	85.0	617143	364286	981429	4.5	811253	6068986	394203	2949030	9018015
Monthly Totals			545.0		160.0	10861071	2125714	12986786	6.20	1117727	8361713	543124	4063108	12424821
11/1/19	44	1	72.0	2743	75.0	308571	321429	630000	1.0	180279	1348663	87601	655340	2004003
11/8/19	45	1	96.0	2815	72.0	411429	308571	720000	3	486752	3641391	236522	1769418	5410809
11/15/19	46	1	96.0	2867	52.0	411429	222857	634286	0	0	0	0	0	0
11/22/19	47	1	166.0	2931	64.0	711429	274286	985714	1	108167	809198	52560	393204	1202402
11/29/19	48	1	72.0	2949.0	18.0	308571	77143	385714	1	180279	1348663	87601	655340	2004003
Monthly Totals			502.0		281.0	7745143	2890286	10635429	5.3	955476	7147916	464283	3473302	10621218
12/6/19	49	1	202.0	3010.0	61.0	865714	261429	1127143	0	0	0	0	0	0
12/13/19	50	1	96.0	3046	36.0	411429	154286	565714	0	18028	134866	8760	65534	200400
12/20/19	51	1	97.0	3067	21.0	415714	90000	505714	0	18028	134866	8760	65534	200400
12/27/19	52	1	167.0	3099	32.0	715714	137143	852857	1	144223	1078931	70080	524272	1603203
Monthly Totals			562.0		150.0	11199857	1992857	13192714	1.00	180279	1348663	87601	655340	2004003
4th QUARTER TOTALS			1609.0		591.0	29,806,071	7,008,857	36,814,929	12.50	2253481	16858293	1095007	8191750	25,050,043

MILL CREEK DOLOMITE, LLC
PIT WATER MONITORING DATA
4th 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
October	21,896	0.3
November	13,776	0.3
December	19,824	0.3
	<u>55,496</u>	

Calculations for gallons of water shipped to plant:

	Tons	Moisture	Tons H2O	Lbs H2O
October	21168	X 0.003 =	64	127,008
November	13776	X 0.003 =	41	82,656
December	19824	X 0.003 =	59	118,944
				<u>328,608</u>
Total Lbs	328,608			
Gallons	328,608	/ 8.3 =	39,591	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) 633,885 Sump B (sq ft) 262,802
Settling A (sq ft) 30,000 Settling B (sq ft) 35,000

Oct-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)
10/31/2019	0.1	0.07	3697.66	27662.21	1533.01	11468.45	175.00	1309.18	204.17	1527.37	41967.21
10/30/2019	0.03	0.021	1109.30	8298.66	459.90	3440.53	52.50	392.75	61.25	458.21	12590.16
10/29/2019	0.03	0.021	1109.30	8298.66	459.90	3440.53	52.50	392.75	61.25	458.21	12590.16
10/28/2019	0.04	0.028	1479.07	11064.89	613.20	4587.38	70.00	523.67	81.67	610.95	16786.88
10/27/2019	0.15	0.105	5546.49	41493.32	2299.52	17202.67	262.50	1963.76	306.25	2291.06	62950.81
10/26/2019	0.11	0.077	4067.43	30428.43	1686.31	12615.29	192.50	1440.09	224.58	1680.11	46163.93
10/25/2019	0.03	0.021	1109.30	8298.66	459.90	3440.53	52.50	392.75	61.25	458.21	12590.16
10/24/2019	0.06	0.042	2218.60	16597.33	919.81	6881.07	105.00	785.51	122.50	916.42	25180.33
10/23/2019	0.2	0.14	7395.33	55324.43	3066.02	22936.90	350.00	2618.35	408.33	3054.74	83934.42
10/22/2019	0.15	0.105	5546.49	41493.32	2299.52	17202.67	262.50	1963.76	306.25	2291.06	62950.81
10/21/2019	0.18	0.126	6655.79	49791.98	2759.42	20643.21	315.00	2356.52	367.50	2749.27	75540.98
10/20/2019	0.18	0.126	6655.79	49791.98	2759.42	20643.21	315.00	2356.52	367.50	2749.27	75540.98
10/19/2019	0.16	0.112	5916.26	44259.54	2452.82	18349.52	280.00	2094.68	326.67	2443.79	67147.53
10/18/2019	0.17	0.119	6286.03	47025.76	2606.12	19496.36	297.50	2225.60	347.08	2596.53	71344.25
10/17/2019	0.13	0.091	4806.96	35960.88	1992.91	14908.98	227.50	1701.93	265.42	1985.58	54557.37
10/16/2019	0.17	0.119	6286.03	47025.76	2606.12	19496.36	297.50	2225.60	347.08	2596.53	71344.25
10/15/2019	0.2	0.14	7395.33	55324.43	3066.02	22936.90	350.00	2618.35	408.33	3054.74	83934.42
10/14/2019	0.13	0.091	4806.96	35960.88	1992.91	14908.98	227.50	1701.93	265.42	1985.58	54557.37
10/13/2019	0.15	0.105	5546.49	41493.32	2299.52	17202.67	262.50	1963.76	306.25	2291.06	62950.81
10/12/2019	0.12	0.084	4437.20	33194.66	1839.61	13762.14	210.00	1571.01	245.00	1832.85	50360.65
10/11/2019	0.19	0.133	7025.56	52558.21	2912.72	21790.05	332.50	2487.43	387.92	2902.00	79737.70
10/10/2019	0.11	0.077	4067.43	30428.43	1686.31	12615.29	192.50	1440.09	224.58	1680.11	46163.93
10/9/2019	0.17	0.119	6286.03	47025.76	2606.12	19496.36	297.50	2225.60	347.08	2596.53	71344.25
10/8/2019	0.16	0.112	5916.26	44259.54	2452.82	18349.52	280.00	2094.68	326.67	2443.79	67147.53
10/7/2019	0.24	0.168	8874.39	66389.31	3679.22	27524.28	420.00	3142.02	490.00	3665.69	100721.30
10/6/2019	0.24	0.168	8874.39	66389.31	3679.22	27524.28	420.00	3142.02	490.00	3665.69	100721.30
10/5/2019	0.18	0.126	6655.79	49791.98	2759.42	20643.21	315.00	2356.52	367.50	2749.27	75540.98
10/4/2019	0.16	0.112	5916.26	44259.54	2452.82	18349.52	280.00	2094.68	326.67	2443.79	67147.53
10/3/2019	0.16	0.112	5916.26	44259.54	2452.82	18349.52	280.00	2094.68	326.67	2443.79	67147.53
10/2/2019	0.23	0.161	8504.62	63623.09	3525.92	26377.43	402.50	3011.10	469.58	3512.95	96524.58
10/1/2019	0.21	0.147	7765.09	58090.65	3219.32	24083.74	367.50	2749.27	428.75	3207.48	88131.14
Monthly Total			167,873.88	1,255,864.48	69,598.66	520,667.60	7,945.00	59,436.55	9,269.17	69,342.64	1,905,311.26

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

Sump A (sq ft) 633,885 Sump B (sq ft) 262,802
Settling A (sq ft) 30,000 Settling B (sq ft) 35,000

Nov-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)
11/30/19	0.18	0.126	6655.79	49791.98	2759.42	20643.21	315.00	2356.52	367.50	2749.27	75540.98
11/29/19	0.05	0.035	1848.83	13831.11	766.51	5734.22	87.50	654.59	102.08	763.69	20983.60
11/28/19	0.02	0.014	739.53	5532.44	306.60	2293.69	35.00	261.84	40.83	305.47	8393.44
11/27/19	0.09	0.063	3327.90	24895.99	1379.71	10321.60	157.50	1178.26	183.75	1374.63	37770.49
11/26/19	0.16	0.112	5916.26	44259.54	2452.82	18349.52	280.00	2094.68	326.67	2443.79	67147.53
11/25/19	0.08	0.056	2958.13	22129.77	1226.41	9174.76	140.00	1047.34	163.33	1221.90	33573.77
11/24/19	0.1	0.07	3697.66	27662.21	1533.01	11468.45	175.00	1309.18	204.17	1527.37	41967.21
11/23/19	0.07	0.049	2588.36	19363.55	1073.11	8027.91	122.50	916.42	142.92	1069.16	29377.05
11/22/19	0.04	0.028	1479.07	11064.89	613.20	4587.38	70.00	523.67	81.67	610.95	16786.88
11/21/19	0.03	0.021	1109.30	8298.66	459.90	3440.53	52.50	392.75	61.25	458.21	12590.16
11/20/19	0.06	0.042	2218.60	16597.33	919.81	6881.07	105.00	785.51	122.50	916.42	25180.33
11/19/19	0.14	0.098	5176.73	38727.10	2146.21	16055.83	245.00	1832.85	285.83	2138.32	58754.09
11/18/19	0.12	0.084	4437.20	33194.66	1839.61	13762.14	210.00	1571.01	245.00	1832.85	50360.65
11/17/19	0.1	0.07	3697.66	27662.21	1533.01	11468.45	175.00	1309.18	204.17	1527.37	41967.21
11/16/19	0.09	0.063	3327.90	24895.99	1379.71	10321.60	157.50	1178.26	183.75	1374.63	37770.49
11/15/19	0.07	0.049	2588.36	19363.55	1073.11	8027.91	122.50	916.42	142.92	1069.16	29377.05
11/14/19	0.09	0.063	3327.90	24895.99	1379.71	10321.60	157.50	1178.26	183.75	1374.63	37770.49
11/13/19	0.08	0.056	2958.13	22129.77	1226.41	9174.76	140.00	1047.34	163.33	1221.90	33573.77
11/12/19	0.08	0.056	2958.13	22129.77	1226.41	9174.76	140.00	1047.34	163.33	1221.90	33573.77
11/11/19	0.1	0.07	3697.66	27662.21	1533.01	11468.45	175.00	1309.18	204.17	1527.37	41967.21
11/10/19	0.13	0.091	4806.96	35960.88	1992.91	14908.98	227.50	1701.93	265.42	1985.58	54557.37
11/09/19	0.09	0.063	3327.90	24895.99	1379.71	10321.60	157.50	1178.26	183.75	1374.63	37770.49
11/08/19	0.08	0.056	2958.13	22129.77	1226.41	9174.76	140.00	1047.34	163.33	1221.90	33573.77
11/07/19	0.12	0.084	4437.20	33194.66	1839.61	13762.14	210.00	1571.01	245.00	1832.85	50360.65
11/06/19	0.03	0.021	1109.30	8298.66	459.90	3440.53	52.50	392.75	61.25	458.21	12590.16
11/05/19	0.07	0.049	2588.36	19363.55	1073.11	8027.91	122.50	916.42	142.92	1069.16	29377.05
11/04/19	0.12	0.084	4437.20	33194.66	1839.61	13762.14	210.00	1571.01	245.00	1832.85	50360.65
11/03/19	0.13	0.091	4806.96	35960.88	1992.91	14908.98	227.50	1701.93	265.42	1985.58	54557.37
11/02/19	0.12	0.084	4437.20	33194.66	1839.61	13762.14	210.00	1571.01	245.00	1832.85	50360.65
11/01/19	0.1	0.07	3697.66	27662.21	1533.01	11468.45	175.00	1309.18	204.17	1527.37	41967.21
10/31/19		0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Monthly Total			101,315.95	757,944.64	42,004.48	314,235.51	4,795.00	35,871.40	5,594.17	41,849.96	1,149,901.51

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

Sump A (sq ft) 633,885 Sump B (sq ft) 262,802
Settling A (sq ft) 30,000 Settling B (sq ft) 35,000

Dec-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)
12/31/2019	0.08	0.056	2958.13	22129.77	1226.41	9174.76	140.00	1047.34	163.33	1221.90	33573.77
12/30/2019	0.1	0.07	3697.66	27662.21	1533.01	11468.45	175.00	1309.18	204.17	1527.37	41967.21
12/29/2019	0.06	0.042	2218.60	16597.33	919.81	6881.07	105.00	785.51	122.50	916.42	25180.33
12/28/2019	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/27/2019	0.07	0.049	2588.36	19363.55	1073.11	8027.91	122.50	916.42	142.92	1069.16	29377.05
12/26/2019	0.02	0.014	739.53	5532.44	306.60	2293.69	35.00	261.84	40.83	305.47	8393.44
12/25/2019	0.11	0.077	4067.43	30428.43	1686.31	12615.29	192.50	1440.09	224.58	1680.11	46163.93
12/24/2019	0.1	0.07	3697.66	27662.21	1533.01	11468.45	175.00	1309.18	204.17	1527.37	41967.21
12/23/2019	0.07	0.049	2588.36	19363.55	1073.11	8027.91	122.50	916.42	142.92	1069.16	29377.05
12/22/2019	0.03	0.021	1109.30	8298.66	459.90	3440.53	52.50	392.75	61.25	458.21	12590.16
12/21/2019	0.02	0.014	739.53	5532.44	306.60	2293.69	35.00	261.84	40.83	305.47	8393.44
12/20/2019	0.05	0.035	1848.83	13831.11	766.51	5734.22	87.50	654.59	102.08	763.69	20983.61
12/19/2019	0.1	0.07	3697.66	27662.21	1533.01	11468.45	175.00	1309.18	204.17	1527.37	41967.21
12/18/2019	0.07	0.049	2588.36	19363.55	1073.11	8027.91	122.50	916.42	142.92	1069.16	29377.05
12/17/2019	0.08	0.056	2958.13	22129.77	1226.41	9174.76	140.00	1047.34	163.33	1221.90	33573.77
12/16/2019	0.03	0.021	1109.30	8298.66	459.90	3440.53	52.50	392.75	61.25	458.21	12590.16
12/15/2019	0.03	0.021	1109.30	8298.66	459.90	3440.53	52.50	392.75	61.25	458.21	12590.16
12/14/2019	0.06	0.042	2218.60	16597.33	919.81	6881.07	105.00	785.51	122.50	916.42	25180.33
12/13/2019	0.05	0.035	1848.83	13831.11	766.51	5734.22	87.50	654.59	102.08	763.69	20983.61
12/12/2019	0.07	0.049	2588.36	19363.55	1073.11	8027.91	122.50	916.42	142.92	1069.16	29377.05
12/11/2019	0.07	0.049	2588.36	19363.55	1073.11	8027.91	122.50	916.42	142.92	1069.16	29377.05
12/10/2019	0.07	0.049	2588.36	19363.55	1073.11	8027.91	122.50	916.42	142.92	1069.16	29377.05
12/9/2019	0.12	0.084	4437.20	33194.66	1839.61	13762.14	210.00	1571.01	245.00	1832.85	50360.65
12/8/2019	0.09	0.063	3327.90	24895.99	1379.71	10321.60	157.50	1178.26	183.75	1374.63	37770.49
12/7/2019	0.07	0.049	2588.36	19363.55	1073.11	8027.91	122.50	916.42	142.92	1069.16	29377.05
12/6/2019	0.09	0.063	3327.90	24895.99	1379.71	10321.60	157.50	1178.26	183.75	1374.63	37770.49
12/5/2019	0.13	0.091	4806.96	35960.88	1992.91	14908.98	227.50	1701.93	265.42	1985.58	54557.37
12/4/2019	0.07	0.049	2588.36	19363.55	1073.11	8027.91	122.50	916.42	142.92	1069.16	29377.05
12/3/2019	0.09	0.063	3327.90	24895.99	1379.71	10321.60	157.50	1178.26	183.75	1374.63	37770.49
12/2/2019	0.08	0.056	2958.13	22129.77	1226.41	9174.76	140.00	1047.34	163.33	1221.90	33573.77
12/1/2019	0.16	0.112	5916.26	44259.54	2452.82	18349.52	280.00	2094.68	326.67	2443.79	67147.53
Monthly Total			82,827.64	619,633.57	34,339.43	256,893.27	3,920.00	29,325.52	4,573.33	34,213.11	940,065.47
Quarterly Total			352,017.47	2,633,442.69	145,942.57	1,091,796.38	16,660.00	124,633.46	19,436.67	145,405.70	3,995,278.24

Mesonet
Seasonal Single Site ET Table
Tishomingo
4th Quarter 2019

Date	Reference ET, Short [in]	Reference ET, Tall [in]	Cool Season Grass ET [in]	Warm Season Grass ET [in]	Pan Evaporation [in]
12/31/2019	0.06	0.09	0.06	0.04	0.08
12/30/2019	0.07	0.12	0.07	0.05	0.1
12/29/2019	0.04	0.06	0.04	0.03	0.06
12/28/2019	0	-0.01	0	0	0
12/27/2019	0.06	0.09	0.05	0.04	0.07
12/26/2019	0.02	0.02	0.02	0.01	0.02
12/25/2019	0.09	0.13	0.08	0.05	0.11
12/24/2019	0.08	0.13	0.08	0.05	0.1
12/23/2019	0.06	0.08	0.05	0.03	0.07
12/22/2019	0.03	0.04	0.03	0.02	0.03
12/21/2019	0.02	0.02	0.02	0.01	0.02
12/20/2019	0.04	0.05	0.04	0.02	0.05
12/19/2019	0.08	0.13	0.07	0.05	0.1
12/18/2019	0.06	0.09	0.06	0.04	0.07
12/17/2019	0.06	0.1	0.06	0.04	0.08
12/16/2019	0.02	0.03	0.02	0.01	0.03
12/15/2019	0.02	0.03	0.02	0.02	0.03
12/14/2019	0.05	0.07	0.04	0.03	0.06
12/13/2019	0.04	0.05	0.04	0.02	0.05
12/12/2019	0.06	0.09	0.05	0.04	0.07
12/11/2019	0.05	0.08	0.05	0.03	0.07
12/10/2019	0.05	0.08	0.05	0.03	0.07
12/9/2019	0.09	0.14	0.08	0.06	0.12
12/8/2019	0.07	0.1	0.07	0.04	0.09
12/7/2019	0.06	0.09	0.06	0.04	0.07
12/6/2019	0.07	0.1	0.06	0.04	0.09
12/5/2019	0.1	0.16	0.1	0.06	0.13
12/4/2019	0.06	0.08	0.05	0.04	0.07
12/3/2019	0.07	0.1	0.06	0.04	0.09
12/2/2019	0.06	0.1	0.06	0.04	0.08
12/1/2019	0.11	0.17	0.1	0.07	0.16
11/30/2019	0.13	0.2	0.12	0.08	0.18
11/29/2019	0.04	0.06	0.04	0.03	0.05
11/28/2019	0.02	0.02	0.02	0.01	0.02
11/27/2019	0.07	0.1	0.06	0.04	0.09
11/26/2019	0.12	0.19	0.11	0.08	0.16
11/25/2019	0.07	0.1	0.06	0.04	0.08
11/24/2019	0.08	0.13	0.08	0.05	0.1
11/23/2019	0.05	0.08	0.05	0.03	0.07
11/22/2019	0.03	0.04	0.03	0.02	0.04
11/21/2019	0.02	0.03	0.02	0.01	0.03
11/20/2019	0.05	0.07	0.05	0.03	0.06
11/19/2019	0.11	0.17	0.1	0.07	0.14
11/18/2019	0.1	0.15	0.09	0.06	0.12
11/17/2019	0.08	0.11	0.07	0.05	0.1
11/16/2019	0.07	0.11	0.07	0.05	0.09
11/15/2019	0.06	0.07	0.05	0.03	0.07

11/14/2019	0.07	0.1	0.06	0.04	0.09
11/13/2019	0.06	0.09	0.06	0.04	0.08
11/12/2019	0.06	0.08	0.05	0.04	0.08
11/11/2019	0.07	0.11	0.07	0.04	0.1
11/10/2019	0.1	0.14	0.09	0.06	0.13
11/9/2019	0.07	0.09	0.07	0.04	0.09
11/8/2019	0.06	0.09	0.06	0.04	0.08
11/7/2019	0.09	0.14	0.08	0.06	0.12
11/6/2019	0.03	0.03	0.03	0.02	0.03
11/5/2019	0.06	0.08	0.05	0.04	0.07
11/4/2019	0.09	0.13	0.09	0.06	0.12
11/3/2019	0.1	0.15	0.09	0.06	0.13
11/2/2019	0.09	0.13	0.08	0.06	0.12
11/1/2019	0.08	0.12	0.08	0.05	0.1
10/31/2019	0.08	0.1	0.07	0.05	0.1
10/30/2019	0.02	0.03	0.02	0.01	0.03
10/29/2019	0.02	0.03	0.02	0.01	0.03
10/28/2019	0.03	0.03	0.03	0.02	0.04
10/27/2019	0.12	0.17	0.11	0.08	0.15
10/26/2019	0.09	0.12	0.08	0.05	0.11
10/25/2019	0.02	0.02	0.02	0.01	0.03
10/24/2019	0.05	0.07	0.04	0.03	0.06
10/23/2019	0.15	0.22	0.14	0.09	0.2
10/22/2019	0.11	0.16	0.11	0.07	0.15
10/21/2019	0.14	0.2	0.13	0.08	0.18
10/20/2019	0.15	0.2	0.14	0.09	0.18
10/19/2019	0.13	0.18	0.12	0.08	0.16
10/18/2019	0.13	0.19	0.12	0.08	0.17
10/17/2019	0.11	0.14	0.1	0.07	0.13
10/16/2019	0.13	0.19	0.12	0.08	0.17
10/15/2019	0.16	0.23	0.15	0.1	0.2
10/14/2019	0.11	0.14	0.1	0.07	0.13
10/13/2019	0.12	0.17	0.12	0.08	0.15
10/12/2019	0.1	0.13	0.09	0.06	0.12
10/11/2019	0.13	0.2	0.13	0.08	0.19
10/10/2019	0.09	0.12	0.08	0.05	0.11
10/9/2019	0.13	0.19	0.12	0.08	0.17
10/8/2019	0.13	0.17	0.12	0.08	0.16
10/7/2019	0.18	0.26	0.17	0.11	0.24
10/6/2019	0.18	0.26	0.17	0.11	0.24
10/5/2019	0.15	0.19	0.14	0.09	0.18
10/4/2019	0.13	0.16	0.12	0.08	0.16
10/3/2019	0.14	0.16	0.13	0.08	0.16
10/2/2019	0.18	0.23	0.17	0.11	0.23
10/1/2019	0.17	0.22	0.16	0.11	0.21

MILL CREEK DOLOMITE WATER USAGE LOG

4th QUARTER 2019

	Water Truck									
	International					Western Star				
	DATE	RAINFALL	START	END	MILES	Loads	START	END	MILES	Loads
Tuesday	10/1/2019	0	76859	76859	0	0	388362	388362	0	0
Wednesday	10/2/2019	0	76859	76859	0	0	388362	388362	0	0
Thursday	10/3/2019	0	76859	76859	0	0	388362	388362	0	0
Friday	10/4/2019	0	76859	76859	0	0	388362	388362	0	0
Saturday	10/5/2019	0	76859	76859	0	0	388362	388362	0	0
Sunday	10/6/2019	0	76859	76859	0	0	388362	388362	0	0
Monday	10/7/2019	0	76859	76859	0	0	388362	388362	0	0
Tuesday	10/8/2019	0	76859	76859	0	0	388362	388362	0	0
Wednesday	10/9/2019	0	76859	76859	0	0	388362	388362	0	0
Thursday	10/10/2019	1.07	76859	76859	0	0	388362	388362	0	0
Friday	10/11/2019	0.07	76859	76859	0	0	388362	388362	0	0
Saturday	10/12/2019	0	76859	76859	0	0	388362	388362	0	0
Sunday	10/13/2019	0	76859	76859	0	0	388362	388362	0	0
Monday	10/14/2019	0	76859	76859	0	0	388362	388362	0	0
Tuesday	10/15/2019	0.02	76859	76859	0	0	388362	388362	0	0
Wednesday	10/16/2019	0	76859	76859	0	0	388362	388362	0	0
Thursday	10/17/2019	0	76859	76859	0	0	388362	388362	0	0
Friday	10/18/2019	0	76859	76859	0	0	388362	388362	0	0
Saturday	10/19/2019	0.02	76859	76859	0	0	388362	388362	0	0
Sunday	10/20/2019	0.54	76859	76859	0	0	388362	388362	0	0
Monday	10/21/2019	0	76859	76859	0	0	388362	388362	0	0
Tuesday	10/22/2019	0	76859	76859	0	0	388362	388362	0	0
Wednesday	10/23/2019	0	76859	76859	0	0	388362	388362	0	0
Thursday	10/24/2019	3.17	76859	76859	0	0	388362	388362	0	0
Friday	10/25/2019	0.83	76859	76859	0	0	388362	388362	0	0
Saturday	10/26/2019	0.5	76859	76859	0	0	388362	388362	0	0
Sunday	10/27/2019	0.01	76859	76859	0	0	388362	388362	0	0
Monday	10/28/2019	0.05	76859	76859	0	0	388362	388362	0	0
Tuesday	10/29/2019	0.66	76859	76859	0	0	388362	388362	0	0
Wednesday	10/30/2019	0.31	76859	76859	0	0	388362	388362	0	0
Thursday	10/31/2019	0	76859	76859	0	0	388362	388362	0	0
Friday	11/1/2019	0.01	76859	76859	0	0	388362	388362	0	0
Saturday	11/2/2019	0	76859	76859	0	0	388362	388362	0	0
Sunday	11/3/2019	0	76859	76859	0	0	388362	388362	0	0
Monday	11/4/2019	0	76859	76865	6	3	388362	388362	0	0
Tuesday	11/5/2019	0.05	76865	76865	0	0	388362	388362	0	0
Wednesday	11/6/2019	1.89	76865	76865	0	0	388362	388362	0	0
Thursday	11/7/2019	0.76	76865	76865	0	0	388362	388362	0	0
Friday	11/8/2019	0	76865	76865	0	0	388362	388362	0	0
Saturday	11/9/2019	0	76865	76865	0	0	388362	388362	0	0
Sunday	11/10/2019	0	76865	76865	0	0	388362	388362	0	0
Monday	11/11/2019	0.03	76865	76865	0	0	388362	388362	0	0
Tuesday	11/12/2019	0	76865	76865	0	0	388362	388362	0	0

WELL			
DATE	WK	PU - 21	Ag Line
		Meter Reading	Hours RAN
7/5/19	27	11062	0.0
7/12/19	28	11062	0.0
7/19/19	29	11062	0.0
7/26/19	30	11062	0.0
8/2/19	31	11062	0.0
8/9/19	32	11062	0.0
8/16/19	33	11062	0.0
8/23/19	34	11062	0.0
8/30/19	35	11062	0.0
9/6/19	36	11062	0.0
9/13/19	37	11062	0.0
9/20/19	38	11062	0.0
9/27/19	39	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	25	112,500
Western Star	0	0
4th QUARTER TOTAL		112,500

Wednesday	11/13/2019		0	76865	76865	0	0	0	388362	388362	0	0
Thursday	11/14/2019		0	76865	76865	0	0	0	388362	388362	0	0
Friday	11/15/2019		0	76865	76865	0	0	0	388362	388362	0	0
Saturday	11/16/2019		0	76865	76865	0	0	0	388362	388362	0	0
Sunday	11/17/2019		0.00	76865	76865	0	0	0	388362	388362	0	0
Monday	11/18/2019		0.00	76865	76865	0	0	0	388362	388362	0	0
Tuesday	11/19/2019		0.00	76865	76865	0	0	0	388362	388362	0	0
Wednesday	11/20/2019		0.15	76865	76865	0	0	0	388362	388362	0	0
Thursday	11/21/2019		0.33	76865	76865	0	0	0	388362	388362	0	0
Friday	11/22/2019		0.12	76865	76865	0	0	0	388362	388362	0	0
Saturday	11/23/2019		0.00	76865	76865	0	0	0	388362	388362	0	0
Sunday	11/24/2019		0.00	76865	76865	0	0	0	388362	388362	0	0
Monday	11/25/2019		0.00	76865	76865	0	0	0	388362	388362	0	0
Tuesday	11/26/2019		0.01	76865	76865	0	0	0	388362	388362	0	0
Wednesday	11/27/2019		0.01	76865	76865	0	0	0	388362	388362	0	0
Thursday	11/28/2019		0.66	76865	76865	0	0	0	388362	388362	0	0
Friday	11/29/2019		0.26	76865	76865	0	0	0	388362	388362	0	0
Saturday	11/30/2019		0.08	76865	76865	0	0	0	388362	388362	0	0
Sunday	12/1/2019		0.00	76865	76865	0	0	0	388362	388362	0	0
Monday	12/2/2019		0.00	76865	76865	0	0	0	388362	388362	0	0
Tuesday	12/3/2019		0.00	76865	76865	0	0	0	388362	388362	0	0
Wednesday	12/4/2019		0.00	76865	76865	0	0	0	388362	388362	0	0
Thursday	12/5/2019		0.00	76865	76873	8	2	2	388362	388362	0	0
Friday	12/6/2019		0.00	76873	76881	8	2	2	388362	388362	0	0
Saturday	12/7/2019		0.00	76881	76881	0	0	0	388362	388362	0	0
Sunday	12/8/2019		0.00	76881	76881	0	0	0	388362	388362	0	0
Monday	12/9/2019		0.10	76881	76893	12	3	3	388362	388362	0	0
Tuesday	12/10/2019		0.00	76893	76909	16	3	3	388362	388362	0	0
Wednesday	12/11/2019		0.00	76909	76919	10	1	1	388362	388362	0	0
Thursday	12/12/2019		0.00	76919	76936	17	2	2	388362	388362	0	0
Friday	12/13/2019		0.00	76936	76942	6	2	2	388362	388362	0	0
Saturday	12/14/2019		0.00	76942	76942	0	0	0	388362	388362	0	0
Sunday	12/15/2019		0.03	76942	76942	0	0	0	388362	388362	0	0
Monday	12/16/2019		0.01	76942	76942	0	0	0	388362	388362	0	0
Tuesday	12/17/2019		0.00	76942	76942	0	0	0	388362	388362	0	0
Wednesday	12/18/2019		0.00	76942	76959	17	2	2	388362	388362	0	0
Thursday	12/19/2019		0.00	76959	76961	2	1	1	388362	388362	0	0
Friday	12/20/2019		0.11	76961	76973	12	2	2	388362	388362	0	0
Saturday	12/21/2019		0.00	76973	76973	0	0	0	388362	388362	0	0
Sunday	12/22/2019		0.01	76973	76973	0	0	0	388362	388362	0	0
Monday	12/23/2019		0.00	76973	76977	4	2	2	388362	388362	0	0
Tuesday	12/24/2019		0.00	76977	76977	0	0	0	388362	388362	0	0
Wednesday	12/25/2019		0.00	76977	76977	0	0	0	388362	388362	0	0
Thursday	12/26/2019		0.00	76977	76977	0	0	0	388362	388362	0	0
Friday	12/27/2019		0.02	76977	76977	0	0	0	388362	388362	0	0
Saturday	12/28/2019		0.72	76977	76977	0	0	0	388362	388362	0	0
Sunday	12/29/2019		0.01	76977	76977	0	0	0	388362	388362	0	0
	12/30/2019		0.00	76977	76977	0	0	0	388362	388362	0	0
	12/31/2019		0.00	76977	76977	0	0	0	388362	388362	0	0
Totals			12.6			118.0	25.0				0.0	0.0

Day/Date	MCD Rainfall Measurement
Monday, September 30, 2019	0.0
Tuesday, October 01, 2019	0.0
Wednesday, October 02, 2019	0.0
Thursday, October 03, 2019	0.0
Friday, October 04, 2019	0.0
Saturday, October 05, 2019	0.0
Sunday, October 06, 2019	0.0
40	0.0
Monday, October 07, 2019	0.0
Tuesday, October 08, 2019	0.0
Wednesday, October 09, 2019	0.0
Thursday, October 10, 2019	1.1
Friday, October 11, 2019	0.1
Saturday, October 12, 2019	0.0
Sunday, October 13, 2019	0.0
41	1.1
Monday, October 14, 2019	0.0
Tuesday, October 15, 2019	0.0
Wednesday, October 16, 2019	0.0
Thursday, October 17, 2019	0.0
Friday, October 18, 2019	0.0
Saturday, October 19, 2019	0.0
Sunday, October 20, 2019	0.5
42	0.6
Monday, October 21, 2019	0.0
Tuesday, October 22, 2019	0.0
Wednesday, October 23, 2019	0.0
Thursday, October 24, 2019	3.2
Friday, October 25, 2019	0.8
Saturday, October 26, 2019	0.5
Sunday, October 27, 2019	0.0
43	4.5
Monday, October 28, 2019	0.1
Tuesday, October 29, 2019	0.7
Wednesday, October 30, 2019	0.3
Thursday, October 31, 2019	0.0
Friday, November 01, 2019	0.0
Saturday, November 02, 2019	0.0
Sunday, November 03, 2019	0.0
44	1.0
Monday, November 04, 2019	0.0
Tuesday, November 05, 2019	0.1
Wednesday, November 06, 2019	1.9
Thursday, November 07, 2019	0.8
Friday, November 08, 2019	0.0
Saturday, November 09, 2019	0.0
Sunday, November 10, 2019	0.0
45	2.7
Monday, November 11, 2019	0.0
Tuesday, November 12, 2019	0.0
Wednesday, November 13, 2019	0.0
Thursday, November 14, 2019	0.0
Friday, November 15, 2019	0.0
Saturday, November 16, 2019	0.0

Day/Date	MCD Rainfall Measurement
Sunday, November 17, 2019	0.0
46	0.0
Monday, November 18, 2019	0.0
Tuesday, November 19, 2019	0.0
Wednesday, November 20, 2019	0.2
Thursday, November 21, 2019	0.3
Friday, November 22, 2019	0.1
Saturday, November 23, 2019	0.0
Sunday, November 24, 2019	0.0
47	0.6
Monday, November 25, 2019	0.0
Tuesday, November 26, 2019	0.0
Wednesday, November 27, 2019	0.0
Thursday, November 28, 2019	0.7
Friday, November 29, 2019	0.3
Saturday, November 30, 2019	0.1
Sunday, December 01, 2019	0.0
48	1.0
Monday, December 02, 2019	0.0
Tuesday, December 03, 2019	0.0
Wednesday, December 04, 2019	0.0
Thursday, December 05, 2019	0.0
Friday, December 06, 2019	0.0
Saturday, December 07, 2019	0.0
Sunday, December 08, 2019	0.0
49	0.0
Monday, December 09, 2019	0.1
Tuesday, December 10, 2019	0.0
Wednesday, December 11, 2019	0.0
Thursday, December 12, 2019	0.0
Friday, December 13, 2019	0.0
Saturday, December 14, 2019	0.0
Sunday, December 15, 2019	0.0
50	0.1
Monday, December 16, 2019	0.0
Tuesday, December 17, 2019	0.0
Wednesday, December 18, 2019	0.0
Thursday, December 19, 2019	0.0
Friday, December 20, 2019	0.1
Saturday, December 21, 2019	0.0
Sunday, December 22, 2019	0.0
51	0.1
Monday, December 23, 2019	0.0
Tuesday, December 24, 2019	0.0
Wednesday, December 25, 2019	0.0
Thursday, December 26, 2019	0.0
Friday, December 27, 2019	0.0
Saturday, December 28, 2019	0.7
Sunday, December 29, 2019	0.0
52	0.8
Monday, December 30, 2019	0.0
Tuesday, December 31, 2019	0.0