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## MILL CREEK DOLOMITE, LLC.

Oklahoma Water Resources Board

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

12/27/19

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 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 third quarter of calendar year 2019.

Please note that our Pit Water Pumped during the resumed during the 2<sup>nd</sup> qtr. The pump had been out of service from week of 08/17/18 in our Sump A area until the Second Quarter 2019. All rain/pit water retained within the Sump A area continues to be removed and mining activity in that area continues to be halted.

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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Oklahoma Water Resources Board

# CONSUMPTIVE USE REPORT

3rd Quarter 2019

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)	35,035,738
2	Volume of precipitation that falls onto the surface of water in the producing mining pit(s)	32,865,656
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	32,865,656
6	<b>Pit Ground Water Volume</b> (Line 1 minus Line 5)	2,170,082
DEFINED ELEMENTS OF CONSUMPTIVE USE		
7	Volume of pit groundwater that is driven off (by drying) the mined material transported off the mine site	40,684
8	Volume of pit groundwater that is carried away with the mined material transported off the mining site (shipped)	0
9	Volume of pit groundwater that evaporates from the producing mine pit, process water ponds, and lined ponds (Excluding structures used for augmentation)	9,262,165
10	Volume of pit water groundwater that is used for other beneficial uses off the mine site	141,750
11	<b>Defined Elements of Consumptive Use of Pit Groundwater</b> ( Add Lines 7 through 10)	9,444,599
PIT GROUNDWATER BALANCE		
12	Line 6 minus Line 11	-7,274,517
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>	-7,274,517
TOTAL REPORTED CONSUMPTIVE USE OF PIT WATER		
20	Total Net Reported Consumptive Use: (Line 11 plus Line 19)	2,170,082



## 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) 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
7/5/19	27		144.0	1562	34.0	617143	218571	835714	0.8	144223	1078931	70080	524272	1603203
7/12/19	28		144.0	1591	36.0	617143	231429	848571	0.0	0	0	0	0	0
7/19/19	29		168.0	1636	38.0	720000	244286	964286	0.0	0	0	0	0	0
7/26/19	30		168.0	1653	17.0	720000	109286	829286	0.0	0	0	0	0	0
Monthly Totals			624.0		125.0	12435429	1660714	14096143	0.80	144223	1078931	70080	524272	1603203
8/2/19	31		0.5	1677	23.0	2057	147857	149914	1.9	342529	2562461	166441	1245146	3807607
8/9/19	32		0.0	1717	40.0	0	257143	257143	0.9	162251	1213797	78841	589806	1803603
8/16/19	33		50.0	1824	57.0	214286	366429	580714	1.4	252390	1888129	122641	917476	2805605
8/23/19	34		150.0	1824	0.0	642857	0	642857	9.0	1622507	12137971	788405	5898060	18036031
8/30/19	35		116.0	1824	0.0	497143	0	497143	0.6	108167	809198	52560	393204	1202402
Monthly Totals			316.5		120.0	5045595	1275429	6321024	13.8	2487843	18611556	1208888	9043692	27655247
9/6/19	36		161.0	1824	0.0	690000	0	690000	0.0	0	0	0	0	0
9/13/19	37		171.0	2398	64.0	732857	411429	1144286	0.0	0	0	0	0	0
9/20/19	38		190.0	2477	79.0	814286	507857	1322143	1.5	270418	2022995	131401	983010	3006005
9/27/19	39		120.0	2508	31.0	514286	199286	713571	0.3	54084	404599	26280	196602	601201
Monthly Totals			642.0		174.0	12381429	2237143	14618571	1.80	324501	2427594	157681	1179612	3607206
3rd QUARTER TOTALS			1582.5		419.0	29,862,453	5,173,286	35,035,738	16.40	2956567	22118081	1436650	10747575	32,865,656

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**MILL CREEK DOLOMITE, LLC  
PIT WATER MONITORING DATA  
3rd 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
July	19,488	0.3
August	20,496	0.3
September	14,616	0.3
	<u>54,600</u>	

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

	Tons	Moisture	Tons H2O	Lbs H2O
July	21168	X 0.003 =	64	127,008
August	20496	X 0.003 =	61	122,976
September	14616	X 0.003 =	44	87,696
				<u>337,680</u>
Total Lbs	337,680			
Gallons	337,680	/ 8.3 =	40,684	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

Jul-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)
7/1/2019	0.24	0.168	8874.39	66389.31	3679.23	27524.30	420.00	3142.02	490.00	3665.69	100721.33
7/2/2019	0.29	0.203	10723.22	80220.42	4445.73	33258.53	507.50	3796.61	592.08	4429.38	121704.94
7/3/2019	0.28	0.196	10353.46	77454.20	4292.43	32111.69	490.00	3665.69	571.67	4276.64	117508.21
7/4/2019	0.27	0.189	9983.69	74687.98	4139.13	30964.84	472.50	3534.77	551.25	4123.90	113311.49
7/5/2019	0.22	0.154	8134.86	60856.87	3372.63	25230.61	385.00	2880.19	449.17	3360.22	92327.88
7/6/2019	0.17	0.119	6286.03	47025.76	2606.12	19496.38	297.50	2225.60	347.08	2596.53	71344.27
7/7/2019	0.24	0.168	8874.39	66389.31	3679.23	27524.30	420.00	3142.02	490.00	3665.69	100721.33
7/8/2019	0.21	0.147	7765.09	58090.65	3219.32	24083.77	367.50	2749.27	428.75	3207.48	88131.16
7/9/2019	0.31	0.217	11462.75	85752.86	4752.34	35552.23	542.50	4058.44	632.92	4734.85	130098.38
7/10/2019	0.2	0.14	7395.33	55324.43	3066.02	22936.92	350.00	2618.35	408.33	3054.74	83934.44
7/11/2019	0.31	0.217	11462.75	85752.86	4752.34	35552.23	542.50	4058.44	632.92	4734.85	130098.38
7/12/2019	0.3	0.21	11092.99	82986.64	4599.04	34405.38	525.00	3927.53	612.50	4582.11	125901.66
7/13/2019	0.31	0.217	11462.75	85752.86	4752.34	35552.23	542.50	4058.44	632.92	4734.85	130098.38
7/14/2019	0.24	0.168	8874.39	66389.31	3679.23	27524.30	420.00	3142.02	490.00	3665.69	100721.33
7/15/2019	0.25	0.175	9244.16	69155.53	3832.53	28671.15	437.50	3272.94	510.42	3818.43	104918.05
7/16/2019	0.31	0.217	11462.75	85752.86	4752.34	35552.23	542.50	4058.44	632.92	4734.85	130098.38
7/17/2019	0.37	0.259	13681.35	102350.19	5672.14	42433.30	647.50	4843.95	755.42	5651.27	155278.71
7/18/2019	0.42	0.294	15530.18	116181.30	6438.65	48167.53	735.00	5498.54	857.50	6414.96	176262.32
7/19/2019	0.39	0.273	14420.88	107882.63	5978.75	44727.00	682.50	5105.78	796.25	5956.75	163672.16
7/20/2019	0.39	0.273	14420.88	107882.63	5978.75	44727.00	682.50	5105.78	796.25	5956.75	163672.16
7/21/2019	0.33	0.231	12202.29	91285.30	5058.94	37845.92	577.50	4320.28	673.75	5040.32	138491.82
7/22/2019	0.27	0.189	9983.69	74687.98	4139.13	30964.84	472.50	3534.77	551.25	4123.90	113311.49
7/23/2019	0.35	0.245	12941.82	96817.75	5365.54	40139.61	612.50	4582.11	714.58	5345.80	146885.27
7/24/2019	0.27	0.189	9983.69	74687.98	4139.13	30964.84	472.50	3534.77	551.25	4123.90	113311.49
7/25/2019	0.28	0.196	10353.46	77454.20	4292.43	32111.69	490.00	3665.69	571.67	4276.64	117508.21
7/26/2019	0.28	0.196	10353.46	77454.20	4292.43	32111.69	490.00	3665.69	571.67	4276.64	117508.21
7/27/2019	0.31	0.217	11462.75	85752.86	4752.34	35552.23	542.50	4058.44	632.92	4734.85	130098.38
7/28/2019	0.34	0.238	12572.05	94051.52	5212.24	38992.76	595.00	4451.20	694.17	5193.06	142688.55
7/29/2019	0.18	0.126	6655.79	49791.98	2759.42	20643.23	315.00	2356.52	367.50	2749.27	75540.99
7/30/2019	0.25	0.175	9244.16	69155.53	3832.53	28671.15	437.50	3272.94	510.42	3818.43	104918.05
7/31/2019	0.32	0.224	11832.52	88519.08	4905.64	36699.07	560.00	4189.36	653.33	4887.59	134295.10
<b>Monthly Total</b>			<b>329,091.96</b>	<b>2,461,936.97</b>	<b>136,438.04</b>	<b>1,020,692.96</b>	<b>15,575.00</b>	<b>116,516.58</b>	<b>18,170.83</b>	<b>135,936.00</b>	<b>3,735,082.52</b>



**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

Aug-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)
08/01/19	0.26	0.182	9613.92	71921.75	3985.83	29818.00	455.00	3403.86	530.83	3971.16	109114.77
08/02/19	0.21	0.147	7765.09	58090.65	3219.32	24083.77	367.50	2749.27	428.75	3207.48	88131.16
08/03/19	0.11	0.077	4067.43	30428.43	1686.31	12615.31	192.50	1440.09	224.58	1680.11	46163.94
08/04/19	0.18	0.126	6655.79	49791.98	2759.42	20643.23	315.00	2356.52	367.50	2749.27	75540.99
08/05/19	0.17	0.119	6286.03	47025.76	2606.12	19496.38	297.50	2225.60	347.08	2596.53	71344.27
08/06/19	0.25	0.175	9244.16	69155.53	3832.53	28671.15	437.50	3272.94	510.42	3818.43	104918.05
08/07/19	0.3	0.21	11092.99	82986.64	4599.04	34405.38	525.00	3927.53	612.50	4582.11	125901.66
08/08/19	0.23	0.161	8504.62	63623.09	3525.93	26377.46	402.50	3011.10	469.58	3512.95	96524.60
08/09/19	0.21	0.147	7765.09	58090.65	3219.32	24083.77	367.50	2749.27	428.75	3207.48	88131.16
08/10/19	0.29	0.203	10723.22	80220.42	4445.73	33258.53	507.50	3796.61	592.08	4429.38	121704.94
08/11/19	0.3	0.21	11092.99	82986.64	4599.04	34405.38	525.00	3927.53	612.50	4582.11	125901.66
08/12/19	0.31	0.217	11462.75	85752.86	4752.34	35552.23	542.50	4058.44	632.92	4734.85	130098.38
08/13/19	0.25	0.175	9244.16	69155.53	3832.53	28671.15	437.50	3272.94	510.42	3818.43	104918.05
08/14/19	0.25	0.175	9244.16	69155.53	3832.53	28671.15	437.50	3272.94	510.42	3818.43	104918.05
08/15/19	0.28	0.196	10353.46	77454.20	4292.43	32111.69	490.00	3665.69	571.67	4276.64	117508.21
08/16/19	0.32	0.224	11832.52	88519.08	4905.64	36699.07	560.00	4189.36	653.33	4887.59	134295.10
08/17/19	0.32	0.224	11832.52	88519.08	4905.64	36699.07	560.00	4189.36	653.33	4887.59	134295.10
08/18/19	0.3	0.21	11092.99	82986.64	4599.04	34405.38	525.00	3927.53	612.50	4582.11	125901.66
08/19/19	0.3	0.21	11092.99	82986.64	4599.04	34405.38	525.00	3927.53	612.50	4582.11	125901.66
08/20/19	0.29	0.203	10723.22	80220.42	4445.73	33258.53	507.50	3796.61	592.08	4429.38	121704.94
08/21/19	0.28	0.196	10353.46	77454.20	4292.43	32111.69	490.00	3665.69	571.67	4276.64	117508.21
08/22/19	0.25	0.175	9244.16	69155.53	3832.53	28671.15	437.50	3272.94	510.42	3818.43	104918.05
08/23/19	0.06	0.042	2218.60	16597.33	919.81	6881.08	105.00	785.51	122.50	916.42	25180.33
08/24/19	0.15	0.105	5546.49	41493.32	2299.52	17202.69	262.50	1963.76	306.25	2291.06	62950.83
08/25/19	0.17	0.119	6286.03	47025.76	2606.12	19496.38	297.50	2225.60	347.08	2596.53	71344.27
08/26/19	0.3	0.21	11092.99	82986.64	4599.04	34405.38	525.00	3927.53	612.50	4582.11	125901.66
08/27/19	0.16	0.112	5916.26	44259.54	2452.82	18349.54	280.00	2094.68	326.67	2443.79	67147.55
08/28/19	0.22	0.154	8134.86	60856.87	3372.63	25230.61	385.00	2880.19	449.17	3360.22	92327.88
08/29/19	0.24	0.168	8874.39	66389.31	3679.23	27524.30	420.00	3142.02	490.00	3665.69	100721.33
08/30/19	0.07	0.049	2588.36	19363.55	1073.11	8027.92	122.50	916.42	142.92	1069.16	29377.05
08/31/19	0.2	0.14	7395.33	55324.43	3066.02	22936.92	350.00	2618.35	408.33	3054.74	83934.44
<b>Monthly Total</b>			<b>267,341.00</b>	<b>1,999,978.01</b>	<b>110,836.74</b>	<b>829,169.68</b>	<b>12,652.50</b>	<b>94,653.35</b>	<b>14,761.25</b>	<b>110,428.91</b>	<b>3,034,229.95</b>



**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

Sep-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)
9/1/2019	0.21	0.147	7765.09	58090.65	3219.32	24083.77	367.50	2749.27	428.75	3207.48	88131.16
9/2/2019	0.22	0.154	8134.86	60856.87	3372.63	25230.61	385.00	2880.19	449.17	3360.22	92327.88
9/3/2019	0.22	0.154	8134.86	60856.87	3372.63	25230.61	385.00	2880.19	449.17	3360.22	92327.88
9/4/2019	0.22	0.154	8134.86	60856.87	3372.63	25230.61	385.00	2880.19	449.17	3360.22	92327.88
9/5/2019	0.22	0.154	8134.86	60856.87	3372.63	25230.61	385.00	2880.19	449.17	3360.22	92327.88
9/6/2019	0.22	0.154	8134.86	60856.87	3372.63	25230.61	385.00	2880.19	449.17	3360.22	92327.88
9/7/2019	0.22	0.154	8134.86	60856.87	3372.63	25230.61	385.00	2880.19	449.17	3360.22	92327.88
9/8/2019	0.24	0.168	8874.39	66389.31	3679.23	27524.30	420.00	3142.02	490.00	3665.69	100721.33
9/9/2019	0.24	0.168	8874.39	66389.31	3679.23	27524.30	420.00	3142.02	490.00	3665.69	100721.33
9/10/2019	0.23	0.161	8504.62	63623.09	3525.93	26377.46	402.50	3011.10	469.58	3512.95	96524.60
9/11/2019	0.24	0.168	8874.39	66389.31	3679.23	27524.30	420.00	3142.02	490.00	3665.69	100721.33
9/12/2019	0.23	0.161	8504.62	63623.09	3525.93	26377.46	402.50	3011.10	469.58	3512.95	96524.60
9/13/2019	0.2	0.14	7395.33	55324.43	3066.02	22936.92	350.00	2618.35	408.33	3054.74	83934.44
9/14/2019	0.21	0.147	7765.09	58090.65	3219.32	24083.77	367.50	2749.27	428.75	3207.48	88131.16
9/15/2019	0.19	0.133	7025.56	52558.21	2912.72	21790.07	332.50	2487.43	387.92	2902.00	79737.72
9/16/2019	0.21	0.147	7765.09	58090.65	3219.32	24083.77	367.50	2749.27	428.75	3207.48	88131.16
9/17/2019	0.21	0.147	7765.09	58090.65	3219.32	24083.77	367.50	2749.27	428.75	3207.48	88131.16
9/18/2019	0.2	0.14	7395.33	55324.43	3066.02	22936.92	350.00	2618.35	408.33	3054.74	83934.44
9/19/2019	0.16	0.112	5916.26	44259.54	2452.82	18349.54	280.00	2094.68	326.67	2443.79	67147.55
9/20/2019	0.03	0.021	1109.30	8298.66	459.90	3440.54	52.50	392.75	61.25	458.21	12590.17
9/21/2019	0.21	0.147	7765.09	58090.65	3219.32	24083.77	367.50	2749.27	428.75	3207.48	88131.16
9/22/2019	0.17	0.119	6286.03	47025.76	2606.12	19496.38	297.50	2225.60	347.08	2596.53	71344.27
9/23/2019	0.11	0.077	4067.43	30428.43	1686.31	12615.31	192.50	1440.09	224.58	1680.11	46163.94
9/24/2019	0.13	0.091	4806.96	35960.88	1992.92	14909.00	227.50	1701.93	265.42	1985.58	54557.39
9/25/2019	0.19	0.133	7025.56	52558.21	2912.72	21790.07	332.50	2487.43	387.92	2902.00	79737.72
9/26/2019	0.22	0.154	8134.86	60856.87	3372.63	25230.61	385.00	2880.19	449.17	3360.22	92327.88
9/27/2019	0.25	0.175	9244.16	69155.53	3832.53	28671.15	437.50	3272.94	510.42	3818.43	104918.05
9/28/2019	0.2	0.14	7395.33	55324.43	3066.02	22936.92	350.00	2618.35	408.33	3054.74	83934.44
9/29/2019	0.19	0.133	7025.56	52558.21	2912.72	21790.07	332.50	2487.43	387.92	2902.00	79737.72
9/30/2019	0.15	0.105	5546.49	41493.32	2299.52	17202.69	262.50	1963.76	306.25	2291.06	62950.83
		0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Monthly Total</b>			<b>219,641.15</b>	<b>1,643,135.46</b>	<b>91,060.89</b>	<b>681,226.54</b>	<b>10,395.00</b>	<b>77,765.00</b>	<b>12,127.50</b>	<b>90,725.83</b>	<b>2,492,852.82</b>
<b>Quarterly Total</b>			<b>816,074.11</b>	<b>6,105,050.44</b>	<b>338,335.67</b>	<b>2,531,089.18</b>	<b>38,622.50</b>	<b>288,934.92</b>	<b>45,059.58</b>	<b>337,090.74</b>	<b>9,262,165.29</b>



Mesonet  
Seasonal Single Site ET Table  
Tishomingo  
3rd Quarter 2019

Date	Reference ET, Short [in]	Reference ET, Tall [in]	Cool Season Grass ET [in]	Warm Season Grass ET [in]	Pan Evaporation [in]
9/30/2019	0.12	0.15	0.11	0.07	0.15
9/29/2019	0.15	0.2	0.14	0.09	0.19
9/28/2019	0.16	0.21	0.15	0.1	0.2
9/27/2019	0.19	0.25	0.18	0.12	0.25
9/26/2019	0.17	0.22	0.16	0.11	0.22
9/25/2019	0.16	0.19	0.15	0.1	0.19
9/24/2019	0.11	0.13	0.1	0.07	0.13
9/23/2019	0.09	0.1	0.09	0.06	0.11
9/22/2019	0.13	0.18	0.12	0.08	0.17
9/21/2019	0.16	0.21	0.15	0.1	0.21
9/20/2019	0.03	0.03	0.02	0.02	0.03
9/19/2019	0.13	0.16	0.12	0.08	0.16
9/18/2019	0.17	0.19	0.15	0.1	0.2
9/17/2019	0.17	0.2	0.16	0.11	0.21
9/16/2019	0.17	0.2	0.16	0.11	0.21
9/15/2019	0.16	0.18	0.15	0.1	0.19
9/14/2019	0.18	0.2	0.17	0.11	0.21
9/13/2019	0.17	0.2	0.15	0.1	0.2
9/12/2019	0.19	0.23	0.17	0.12	0.23
9/11/2019	0.19	0.23	0.18	0.12	0.24
9/10/2019	0.19	0.23	0.17	0.12	0.23
9/9/2019	0.19	0.23	0.18	0.12	0.24
9/8/2019	0.2	0.23	0.18	0.12	0.24
9/7/2019	0.19	0.21	0.17	0.12	0.22
9/6/2019	0.19	0.21	0.17	0.12	0.22
9/5/2019	0.18	0.19	0.17	0.11	0.22
9/4/2019	0.18	0.19	0.17	0.11	0.22
9/3/2019	0.18	0.2	0.17	0.11	0.22
9/2/2019	0.18	0.19	0.17	0.11	0.22
9/1/2019	0.18	0.19	0.16	0.11	0.21
8/31/2019	0.17	0.18	0.16	0.1	0.2
8/30/2019	0.06	0.07	0.05	0.03	0.07
8/29/2019	0.2	0.23	0.19	0.12	0.24
8/28/2019	0.19	0.21	0.17	0.11	0.22
8/27/2019	0.13	0.16	0.12	0.08	0.16
8/26/2019	0.23	0.29	0.22	0.14	0.3
8/25/2019	0.14	0.16	0.13	0.09	0.17
8/24/2019	0.12	0.14	0.12	0.08	0.15
8/23/2019	0.05	0.06	0.05	0.03	0.06
8/22/2019	0.2	0.24	0.19	0.13	0.25
8/21/2019	0.22	0.26	0.21	0.14	0.28
8/20/2019	0.23	0.27	0.22	0.14	0.29
8/19/2019	0.24	0.29	0.22	0.15	0.3
8/18/2019	0.23	0.3	0.22	0.14	0.3
8/17/2019	0.25	0.31	0.23	0.15	0.32
8/16/2019	0.25	0.31	0.23	0.15	0.32
8/15/2019	0.23	0.26	0.21	0.14	0.28



# RECEIVED

JAN 10 2020

Oklahoma Water Resources Board

8/14/2019	0.21	0.24	0.19	0.13	0.25
8/13/2019	0.2	0.24	0.18	0.12	0.25
8/12/2019	0.25	0.29	0.23	0.15	0.31
8/11/2019	0.24	0.28	0.22	0.15	0.3
8/10/2019	0.23	0.27	0.22	0.14	0.29
8/9/2019	0.17	0.2	0.16	0.11	0.21
8/8/2019	0.19	0.23	0.18	0.12	0.23
8/7/2019	0.24	0.28	0.23	0.15	0.3
8/6/2019	0.21	0.23	0.19	0.13	0.25
8/5/2019	0.15	0.16	0.14	0.09	0.17
8/4/2019	0.15	0.17	0.14	0.09	0.18
8/3/2019	0.09	0.11	0.08	0.06	0.11
8/2/2019	0.17	0.21	0.16	0.11	0.21
8/1/2019	0.21	0.26	0.2	0.13	0.26
7/31/2019	0.25	0.3	0.24	0.16	0.32
7/30/2019	0.21	0.24	0.2	0.13	0.25
7/29/2019	0.14	0.17	0.13	0.09	0.18
7/28/2019	0.26	0.33	0.24	0.16	0.34
7/27/2019	0.24	0.3	0.23	0.15	0.31
7/26/2019	0.23	0.27	0.21	0.14	0.28
7/25/2019	0.22	0.27	0.21	0.14	0.28
7/24/2019	0.21	0.25	0.2	0.13	0.27
7/23/2019	0.27	0.35	0.25	0.17	0.35
7/22/2019	0.21	0.26	0.19	0.13	0.27
7/21/2019	0.26	0.32	0.24	0.16	0.33
7/20/2019	0.29	0.37	0.27	0.18	0.39
7/19/2019	0.29	0.37	0.27	0.18	0.39
7/18/2019	0.31	0.41	0.29	0.19	0.42
7/17/2019	0.28	0.35	0.26	0.18	0.37
7/16/2019	0.25	0.29	0.23	0.15	0.31
7/15/2019	0.21	0.24	0.19	0.13	0.25
7/14/2019	0.19	0.23	0.17	0.11	0.24
7/13/2019	0.24	0.3	0.23	0.15	0.31
7/12/2019	0.24	0.29	0.22	0.15	0.3
7/11/2019	0.25	0.3	0.23	0.15	0.31
7/10/2019	0.17	0.19	0.16	0.1	0.2
7/9/2019	0.25	0.29	0.23	0.15	0.31
7/8/2019	0.17	0.2	0.16	0.11	0.21
7/7/2019	0.2	0.22	0.19	0.13	0.24
7/6/2019	0.14	0.16	0.13	0.09	0.17
7/5/2019	0.18	0.21	0.16	0.11	0.22
7/4/2019	0.21	0.26	0.19	0.13	0.27
7/3/2019	0.22	0.26	0.21	0.14	0.28
7/2/2019	0.24	0.27	0.22	0.15	0.29
7/1/2019	0.2	0.23	0.19	0.12	0.24



**MILL CREEK DOLOMITE WATER USAGE LOG**  
3rd QUARTER 2019

	Water Truck									
	International					Western Star				
	DATE	RAINFALL	START	END	MILES	Loads	START	END	MILES	Loads
Tuesday	7/1/2019	0	76796	76796	0	0	388362	388362	0	0
Wednesday	7/2/2019	0	76796	76796	0	0	388362	388362	0	0
Thursday	7/3/2019	0	76796	76796	0	0	388362	388362	0	0
Friday	7/4/2019	0	76796	76796	0	0	388362	388362	0	0
Saturday	7/5/2019	0	76796	76796	0	0	388362	388362	0	0
Sunday	7/6/2019	0.4	76796	76796	0	0	388362	388362	0	0
Monday	7/7/2019	0.43	76796	76796	0	0	388362	388362	0	0
Tuesday	7/8/2019	0	76796	76796	0	0	388362	388362	0	0
Wednesday	7/9/2019	0	76796	76796	0	0	388362	388362	0	0
Thursday	7/10/2019	0	76796	76796	0	0	388362	388362	0	0
Friday	7/11/2019	0	76796	76796	0	0	388362	388362	0	0
Saturday	7/12/2019	0	76796	76796	0	0	388362	388362	0	0
Sunday	7/13/2019	0	76796	76796	0	0	388362	388362	0	0
Monday	7/14/2019	0	76796	76796	0	0	388362	388362	0	0
Tuesday	7/15/2019	0	76796	76796	0	0	388362	388362	0	0
Wednesday	7/16/2019	0	76796	76796	0	0	388362	388362	0	0
Thursday	7/17/2019	0	76796	76796	0	0	388362	388362	0	0
Friday	7/18/2019	0	76796	76796	0	0	388362	388362	0	0
Saturday	7/19/2019	0	76796	76796	0	0	388362	388362	0	0
Sunday	7/20/2019	0	76796	76796	0	0	388362	388362	0	0
Monday	7/21/2019	0	76796	76796	0	0	388362	388362	0	0
Tuesday	7/22/2019	0.02	76796	76796	0	0	388362	388362	0	0
Wednesday	7/23/2019	0	76796	76796	0	0	388362	388362	0	0
Thursday	7/24/2019	0	76796	76796	0	0	388362	388362	0	0
Friday	7/25/2019	0	76796	76796	0	0	388362	388362	0	0
Saturday	7/26/2019	0	76796	76796	0	0	388362	388362	0	0
Sunday	7/27/2019	0	76796	76796	0	0	388362	388362	0	0
Monday	7/28/2019	0	76796	76796	0	0	388362	388362	0	0
Tuesday	7/29/2019	0	76796	76796	0	0	388362	388362	0	0
Wednesday	7/30/2019	0.13	76796	76796	0	0	388362	388362	0	0
Thursday	7/31/2019	0	76796	76796	0	0	388362	388362	0	0
Friday	8/1/2019	0	76796	76796	0	0	388362	388362	0	0
Saturday	8/2/2019	0.02	76796	76796	0	0	388362	388362	0	0
Sunday	8/3/2019	1.77	76796	76796	0	0	388362	388362	0	0
Monday	8/4/2019	0	76796	76796	0	0	388362	388362	0	0
Tuesday	8/5/2019	0.8	76796	76796	0	0	388362	388362	0	0
Wednesday	8/6/2019	0	76796	76796	0	0	388362	388362	0	0
Thursday	8/7/2019	0	76796	76796	0	0	388362	388362	0	0
Friday	8/8/2019	0	76796	76796	0	0	388362	388362	0	0
Saturday	8/9/2019	0.11	76796	76796	0	0	388362	388362	0	0
Sunday	8/10/2019	0	76796	76796	0	0	388362	388362	0	0
Monday	8/11/2019	0	76796	76796	0	0	388362	388362	0	0
Tuesday	8/12/2019	0	76796	76796	0	0	388362	388362	0	0

WELL			
DATE	WK	PU - 21	Ag Lime
		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	32	141,750
Western Star	0	0
2nd QUARTER TOTAL		141,750



Wednesday	8/13/2019	0	76796	76796	0	0	388362	388362	0	0
Thursday	8/14/2019	0.23	76796	76796	0	0	388362	388362	0	0
Friday	8/15/2019	0	76796	76796	0	0	388362	388362	0	0
Saturday	8/16/2019	0	76796	76796	0	0	388362	388362	0	0
Sunday	8/17/2019	0.00	76796	76796	0	0	388362	388362	0	0
Monday	8/18/2019	1.15	76796	76796	0	0	388362	388362	0	0
Tuesday	8/19/2019	0.00	76796	76796	0	0	388362	388362	0	0
Wednesday	8/20/2019	0.00	76796	76796	0	0	388362	388362	0	0
Thursday	8/21/2019	0.00	76796	76796	0	0	388362	388362	0	0
Friday	8/22/2019	0.00	76796	76796	0	0	388362	388362	0	0
Saturday	8/23/2019	6.00	76796	76796	0	0	388362	388362	0	0
Sunday	8/24/2019	3.00	76796	76796	0	0	388362	388362	0	0
Monday	8/25/2019	0.01	76796	76796	0	0	388362	388362	0	0
Tuesday	8/26/2019	0.00	76796	76796	0	0	388362	388362	0	0
Wednesday	8/27/2019	0.60	76796	76796	0	0	388362	388362	0	0
Thursday	8/28/2019	0.00	76796	76796	0	0	388362	388362	0	0
Friday	8/29/2019	0.00	76796	76796	0	0	388362	388362	0	0
Saturday	8/30/2019	0.00	76796	76796	0	0	388362	388362	0	0
Sunday	8/31/2019	0.00	76796	76796	0	0	388362	388362	0	0
Monday	9/1/2019	0.00	76796	76796	0	0	388362	388362	0	0
Tuesday	9/2/2019	0.00	76796	76796	0	0	388362	388362	0	0
Wednesday	9/3/2019	0.00	76796	76796	0	0	388362	388362	0	0
Thursday	9/4/2019	0.00	76796	76796	0	0	388362	388362	0	0
Friday	9/5/2019	0.00	76796	76796	0	0	388362	388362	0	0
Saturday	9/6/2019	0.00	76796	76796	0	0	388362	388362	0	0
Sunday	9/7/2019	0.00	76796	76796	0	0	388362	388362	0	0
Monday	9/8/2019	0.00	76796	76796	0	0	388362	388362	0	0
Tuesday	9/9/2019	0.00	76796	76796	0	0	388362	388362	0	0
Wednesday	9/10/2019	0.00	76796	76796	0	0	388362	388362	0	0
Thursday	9/11/2019	0.00	76796	76796	0	0	388362	388362	0	0
Friday	9/12/2019	0.00	76796	76796	0	0	388362	388362	0	0
Saturday	9/13/2019	0.00	76796	76796	0	0	388362	388362	0	0
Sunday	9/14/2019	0.00	76796	76796	0	0	388362	388362	0	0
Monday	9/15/2019	0.00	76796	76796	0	0	388362	388362	0	0
Tuesday	9/16/2019	0.00	76796	76796	0	0	388362	388362	0	0
Wednesday	9/17/2019	0.00	76796	76796	0		388362	388362	0	0
Thursday	9/18/2019	0.00	76796	76796	0	0	388362	388362	0	0
Friday	9/19/2019	0.02	76796	76796	0	0	388362	388362	0	0
Saturday	9/20/2019	1.50	76796	76796	0	0	388362	388362	0	0
Sunday	9/21/2019	0.00	76796	76796	0	0	388362	388362	0	0
Monday	9/22/2019	0.00	76796	76796	0	0	388362	388362	0	0
Tuesday	9/23/2019	0.28	76796	76796	0	0	388362	388362	0	0
Wednesday	9/24/2019	0.00	76796	76796	0	0	388362	388362	0	0
Thursday	9/25/2019	0.00	76796	76796	0	0	388362	388362	0	0
Friday	9/26/2019	0.00	76796	76796	0	0	388362	388362	0	0
Saturday	9/27/2019	0.00	76796	76796	0	0	388362	388362	0	0
Sunday	9/28/2019	0.00	76796	76796	0	0	388362	388362	0	0
	9/29/2019	0.00	76796	76796	0	0	388362	388362	0	0
	9/30/2019	0.00	76796	76859	63	32	388362	388362	0	0
<b>Totals</b>		<b>16.5</b>			<b>63.0</b>	<b>31.5</b>			<b>0.0</b>	<b>0.0</b>



Day/Date	MCD Rainfall Measurement
Monday, July 01, 2019	0.0
Tuesday, July 02, 2019	0.0
Wednesday, July 03, 2019	0.0
Thursday, July 04, 2019	0.0
Friday, July 05, 2019	0.0
Saturday, July 06, 2019	0.4
Sunday, July 07, 2019	0.4
<b>27</b>	<b>0.8</b>
Monday, July 08, 2019	0.0
Tuesday, July 09, 2019	0.0
Wednesday, July 10, 2019	0.0
Thursday, July 11, 2019	0.0
Friday, July 12, 2019	0.0
Saturday, July 13, 2019	0.0
Sunday, July 14, 2019	0.0
<b>28</b>	<b>0.0</b>
Monday, July 15, 2019	0.0
Tuesday, July 16, 2019	0.0
Wednesday, July 17, 2019	0.0
Thursday, July 18, 2019	0.0
Friday, July 19, 2019	0.0
Saturday, July 20, 2019	0.0
Sunday, July 21, 2019	0.0
<b>29</b>	<b>0.0</b>
Monday, July 22, 2019	0.0
Tuesday, July 23, 2019	0.0
Wednesday, July 24, 2019	0.0
Thursday, July 25, 2019	0.0
Friday, July 26, 2019	0.0
Saturday, July 27, 2019	0.0
Sunday, July 28, 2019	0.0
<b>30</b>	<b>0.0</b>
Monday, July 29, 2019	0.0
Tuesday, July 30, 2019	0.1
Wednesday, July 31, 2019	0.0
Thursday, August 01, 2019	0.0
Friday, August 02, 2019	0.0
Saturday, August 03, 2019	1.8
Sunday, August 04, 2019	0.0
<b>31</b>	<b>1.9</b>
Monday, August 05, 2019	0.8
Tuesday, August 06, 2019	0.0
Wednesday, August 07, 2019	0.0
Thursday, August 08, 2019	0.0
Friday, August 09, 2019	0.1
Saturday, August 10, 2019	0.0
Sunday, August 11, 2019	0.0
<b>32</b>	<b>0.9</b>
Monday, August 12, 2019	0.0
Tuesday, August 13, 2019	0.0
Wednesday, August 14, 2019	0.2
Thursday, August 15, 2019	0.0



Day/Date	MCD Rainfall Measurement
Friday, August 16, 2019	0.0
Saturday, August 17, 2019	0.0
Sunday, August 18, 2019	1.2
<b>33</b>	<b>1.4</b>
Monday, August 19, 2019	0.0
Tuesday, August 20, 2019	0.0
Wednesday, August 21, 2019	0.0
Thursday, August 22, 2019	0.0
Friday, August 23, 2019	6.0
Saturday, August 24, 2019	3.0
Sunday, August 25, 2019	0.0
<b>34</b>	<b>9.0</b>
Monday, August 26, 2019	0.0
Tuesday, August 27, 2019	0.6
Wednesday, August 28, 2019	0.0
Thursday, August 29, 2019	0.0
Friday, August 30, 2019	0.0
Saturday, August 31, 2019	0.0
Sunday, September 01, 2019	0.0
<b>35</b>	<b>0.6</b>
Monday, September 02, 2019	0.0
Tuesday, September 03, 2019	0.0
Wednesday, September 04, 2019	0.0
Thursday, September 05, 2019	0.0
Friday, September 06, 2019	0.0
Saturday, September 07, 2019	0.0
Sunday, September 08, 2019	0.0
<b>36</b>	<b>0.0</b>
Monday, September 09, 2019	0.0
Tuesday, September 10, 2019	0.0
Wednesday, September 11, 2019	0.0
Thursday, September 12, 2019	0.0
Friday, September 13, 2019	0.0
Saturday, September 14, 2019	0.0
Sunday, September 15, 2019	0.0
<b>37</b>	<b>0.0</b>
Monday, September 16, 2019	0.0
Tuesday, September 17, 2019	0.0
Wednesday, September 18, 2019	0.0
Thursday, September 19, 2019	0.0
Friday, September 20, 2019	1.5
Saturday, September 21, 2019	0.0
Sunday, September 22, 2019	0.0
<b>38</b>	<b>1.5</b>
Monday, September 23, 2019	0.3
Tuesday, September 24, 2019	0.0
Wednesday, September 25, 2019	0.0
Thursday, September 26, 2019	0.0
Friday, September 27, 2019	0.0
Saturday, September 28, 2019	0.0
Sunday, September 29, 2019	0.0
<b>39</b>	<b>0.3</b>