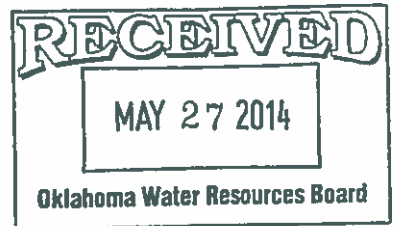


MILL CREEK DOLOMITE, LLC

9915 West Amos Conley Road
Mill Creek, Oklahoma 74856
Phone: (580) 384-5271
Fax: (580) 384-5747



5/16/2014

Kent Wilkins, 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, 1st Quarter Report 2014

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 a water report for the first quarter of calendar year 2014.

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

Sincerely,

A handwritten signature in blue ink, appearing to read "Jose Ontiveros". The signature is stylized and fluid.

Jose Ontiveros

Engineering Manager
Mill Creek Dolomite, LLC

Attachment: Quarterly Report, 1st Quarter 2014.

CONSUMPTIVE USE REPORT
1ST QUARTER, 2014
MILL CREEK DOLOMITE, LLC
MILL CREEK MINE & MILL

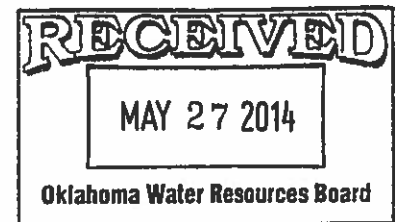
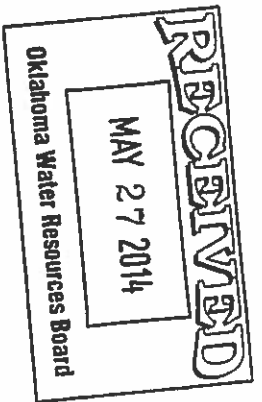


TABLE 1: Estimated Consumptive Use of Pit Water

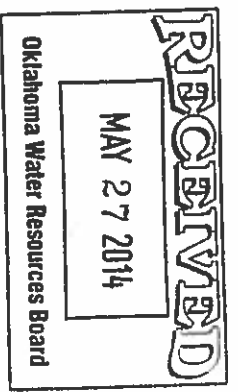
PIT GROUNDWATER VOLUME		VALUES (Gal)
1	Total volume of water pumped from the producing mine pit(s)	22,187,786
2	Volume of precipitation that falls onto the surface of water in the producing mining pits(s)	43,018
3	Portion of total precipitation that flows over the land surface that drains into the mine pit water	0
4	Other non-pit waters pumped from the producing mine pit	0
5	Add lines 2 through 4	43,018
6	Pit Ground Water Volume (Line 1 minus Line 5)	22,144,768
DEFINED ELEMENTS OF CONSUMPTIVE USE		
7	Volume of pit groundwater that is driven off (by drying) the mined material transported off the mine site	304,665
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)	463,989
10	Volume of pit groundwater that is used for other beneficial uses off the mine site	
11	Defined Elements of Consumptive Use of Pit Groundwater (Add Lines 7 through 10)	768,654
PIT GROUNDWATER BALANCE		
12	Line 6 minus Line 11	21,376,114
13	Groundwater Augmentation: Volume of pit groundwater returned to the groundwater basin or subbasin, pursuant to a Management Plan	CREDITS
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 line 7 through 10)	
17	Other Non-Consumptive Losses Including pit groundwater returned to the land surface from which surface runoff flows into a mine pit, and other losses (not included in line 7 through 10)	
18	Add lines 13 through 17)	0
19	Other Consumptive Use (adjusted) (Line 12 minus Line 18)	21,376,114
TOTAL REPORTED CONSUMPTIVE USE OF OF PIT		
20	Total Net Reported Consumptive Use: (Line 11 plus Line 19)	22,144,768

PIT WATER MONITORING DATA
MILL CREEK DOLOMITE, LLC
 EVAPORATION

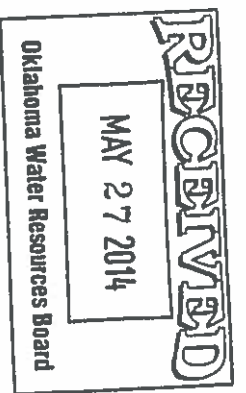
Sump A (ft²) 12,925 Sump B (ft²) 8,307
 Settling A (ft²) 30,000 Settling B (ft²) 35,000



JANUARY, 2014											
Date	Pan Evaporation n (in)	Corrected Evaporation Rate (in)	Sump A Evaporation Volume (ft ³)	Sump A Evaporation n(Gallons)	Sump B Evaporation Volume (ft ³)	Sump B Evaporation (Gallons)	Settling A Evaporation Volume (ft ³)	Settling A Evaporation (Gallons)	Settling B Evaporation Volume (ft ³)	Settling B Evaporation (Gallons)	Total Evaporation (Gallons)
01/01/14	0.14	0.098	105.55	789.65	67.84	507.51	245.00	1832.85	285.83	2138.32	5268.33
01/02/14	0.07	0.049	52.78	394.83	33.92	253.76	122.50	916.42	142.92	1069.16	2634.16
01/03/14	0.09	0.063	67.86	507.63	43.61	326.26	157.50	1178.26	183.75	1374.63	3386.78
01/04/14	0.15	0.105	113.09	846.05	72.69	543.77	262.50	1963.76	306.25	2291.06	5644.64
01/05/14	0.08	0.056	60.32	451.23	38.77	290.01	140.00	1047.34	163.33	1221.90	3010.47
01/06/14	0.05	0.035	37.70	282.02	24.23	181.26	87.50	654.59	102.08	763.69	1881.55
01/07/14	0.09	0.063	67.86	507.63	43.61	326.26	157.50	1178.26	183.75	1374.63	3386.78
01/08/14	0.03	0.021	22.62	169.21	14.54	108.75	52.50	392.75	61.25	458.21	1128.93
01/09/14	0.02	0.014	15.08	112.81	9.69	72.50	35.00	261.84	40.83	305.47	752.62
01/10/14	0.07	0.049	52.78	394.83	33.92	253.76	122.50	916.42	142.92	1069.16	2634.16
01/11/14	0.12	0.084	90.48	676.84	58.15	435.01	210.00	1571.01	245.00	1832.85	4515.71
01/12/14	0.21	0.147	158.33	1184.48	101.76	761.27	367.50	2749.27	428.75	3207.48	7902.49
01/13/14	0.13	0.091	98.01	733.25	62.99	471.26	227.50	1701.93	265.42	1985.58	4892.02
01/14/14	0.14	0.098	105.55	789.65	67.84	507.51	245.00	1832.85	285.83	2138.32	5268.33
01/15/14	0.09	0.063	67.86	507.63	43.61	326.26	157.50	1178.26	183.75	1374.63	3386.78
01/16/14	0.19	0.133	143.25	1071.67	92.07	688.77	332.50	2487.43	387.92	2902.00	7149.88
01/17/14	0.13	0.091	98.01	733.25	62.99	471.26	227.50	1701.93	265.42	1985.58	4892.02
01/18/14	0.17	0.119	128.17	958.86	82.38	616.27	297.50	2225.60	347.08	2596.53	6397.26
01/19/14	0.14	0.098	105.55	789.65	67.84	507.51	245.00	1832.85	285.83	2138.32	5268.33
01/20/14	0.17	0.119	128.17	958.86	82.38	616.27	297.50	2225.60	347.08	2596.53	6397.26
01/21/14	0.12	0.084	90.48	676.84	58.15	435.01	210.00	1571.01	245.00	1832.85	4515.71
01/22/14	0.11	0.077	82.94	620.44	53.30	398.76	192.50	1440.09	224.58	1680.11	4139.40
01/23/14	0.13	0.091	98.01	733.25	62.99	471.26	227.50	1701.93	265.42	1985.58	4892.02
01/24/14	0.09	0.063	67.86	507.63	43.61	326.26	157.50	1178.26	183.75	1374.63	3386.78
01/25/14	0.14	0.098	105.55	789.65	67.84	507.51	245.00	1832.85	285.83	2138.32	5268.33
01/26/14	0.12	0.084	90.48	676.84	58.15	435.01	210.00	1571.01	245.00	1832.85	4515.71
01/27/14	0.30	0.210	226.19	1892.11	145.37	1087.53	525.00	3927.53	612.50	4582.11	11289.28
01/28/14	0.08	0.056	60.32	451.23	38.77	290.01	140.00	1047.34	163.33	1221.90	3010.47
01/29/14	0.09	0.063	67.86	507.63	43.61	326.26	157.50	1178.26	183.75	1374.63	3386.78
01/30/14	0.16	0.112	120.63	902.46	77.53	580.02	280.00	2094.68	326.67	2443.79	6020.95
01/31/14	0.12	0.084	90.48	676.84	58.15	435.01	210.00	1571.01	245.00	1832.85	4515.71
Monthly Totals			2819.89	21094.96	1812.31	13967.89	6646.06	48863.16	7836.83	67123.87	148739.66



FEBRUARY, 2014												
Date	Pan Evaporatio n (in)	Corrected Evaporation Rate (in)	Sump A Evaporation Volume (Ft ³)	Sump A Evaporatio n(Gallons)	Sump B Evaporation Volume (Ft ³)	Sump B Evaporation (Gallons)	Settling A Evaporation Volume (Ft ³)	Settling A Evaporation (Gallons)	Settling B Evaporation Volume (Ft ³)	Settling B Evaporation (Gallons)	Settling B Evaporation (Gallons)	Total Evaporation (Gallons)
02/01/14	0.04	0.03	30.16	225.61	19.38	145.00	70.00	523.67	81.67	610.95	610.95	1505.24
02/02/14	0.03	0.02	22.62	169.21	14.54	108.75	52.50	392.75	61.25	456.21	456.21	1128.93
02/03/14	0.04	0.03	30.16	225.61	19.38	145.00	70.00	523.67	81.67	610.95	610.95	1505.24
02/04/14	0.02	0.01	15.08	112.81	9.69	72.50	35.00	261.84	40.83	305.47	305.47	752.62
02/05/14	0.07	0.05	52.78	394.83	33.92	253.76	122.50	916.42	142.92	1069.16	1069.16	2634.16
02/06/14	0.04	0.03	30.16	225.61	19.38	145.00	70.00	523.67	81.67	610.95	610.95	1505.24
02/07/14	0.03	0.02	22.62	169.21	14.54	108.75	52.50	392.75	61.25	456.21	456.21	1128.93
02/08/14	0.02	0.01	15.08	112.81	9.69	72.50	35.00	261.84	40.83	305.47	305.47	752.62
02/09/14	0.02	0.01	15.08	112.81	9.69	72.50	35.00	261.84	40.83	305.47	305.47	752.62
02/10/14	0.03	0.02	22.62	169.21	14.54	108.75	52.50	392.75	61.25	456.21	456.21	1128.93
02/11/14	0.04	0.03	30.16	225.61	19.38	145.00	70.00	523.67	81.67	610.95	610.95	1505.24
02/12/14	0.08	0.06	60.32	451.23	38.77	290.01	140.00	1047.34	163.33	1221.90	1221.90	3010.47
02/13/14	0.10	0.07	75.40	564.04	48.46	362.51	175.00	1309.18	204.17	1527.37	1527.37	3763.09
02/14/14	0.18	0.13	135.71	1015.27	87.22	652.52	315.00	2356.52	367.50	2749.27	2749.27	6773.57
02/15/14	0.14	0.10	105.55	789.65	67.84	507.51	245.00	1832.85	285.83	2138.32	2138.32	5268.33
02/16/14	0.14	0.10	105.55	789.65	67.84	507.51	245.00	1832.85	285.83	2138.32	2138.32	5268.33
02/17/14	0.19	0.13	143.25	1071.67	92.07	688.77	332.50	2487.43	387.92	2902.00	2902.00	7149.88
02/18/14	0.19	0.13	143.25	1071.67	92.07	688.77	332.50	2487.43	387.92	2902.00	2902.00	7149.88
02/19/14	0.07	0.05	52.78	394.83	33.92	253.76	122.50	916.42	142.92	1069.16	1069.16	2634.16
02/20/14	0.21	0.15	158.33	1184.48	101.76	761.27	367.50	2749.27	428.75	3207.48	3207.48	7902.49
02/21/14	0.19	0.13	143.25	1071.67	92.07	688.77	332.50	2487.43	387.92	2902.00	2902.00	7149.88
02/22/14	0.20	0.14	150.79	1128.07	96.92	725.02	350.00	2618.35	408.33	3054.74	3054.74	7526.19
02/23/14	0.12	0.08	90.48	676.84	58.15	435.01	210.00	1571.01	245.00	1832.85	1832.85	4515.71
02/24/14	0.06	0.04	45.24	338.42	29.07	217.51	105.00	785.51	122.50	916.42	916.42	2257.86
02/25/14	0.12	0.08	90.48	676.84	58.15	435.01	210.00	1571.01	245.00	1832.85	1832.85	4515.71
02/26/14	0.12	0.08	90.48	676.84	58.15	435.01	210.00	1571.01	245.00	1832.85	1832.85	4515.71
02/27/14	0.12	0.08	90.48	676.84	58.15	435.01	210.00	1571.01	245.00	1832.85	1832.85	4515.71
02/28/14	0.20	0.14	150.79	1128.07	96.92	725.02	350.00	2618.35	408.33	3054.74	3054.74	7526.19
Monthly Totals			2118.62	16849.42	1361.66	10188.65	4917.50	36787.82	5737.06	42919.12	42919.12	106742.90



MARCH, 2014											
Date	Pan Evaporation n (in)	Corrected Evaporation Rate (in)	Sump A Evaporation Volume (Ft ³)	Sump A Evaporation n(Gallons)	Sump B Evaporation Volume (Ft ³)	Sump B Evaporation (Gallons)	Settling A Evaporation Volume (Ft ³)	Settling A Evaporation (Gallons)	Settling B Evaporation Volume (Ft ³)	Settling B Evaporation (Gallons)	Total Evaporation (Gallons)
3/1/2014	0.05	0.04	37.70	282.02	24.23	181.26	87.50	654.59	102.08	763.69	1881.55
3/2/2014	0.06	0.04	45.24	338.42	29.07	217.51	105.00	785.51	122.50	916.42	2257.86
03/03/14	0.06	0.04	45.24	338.42	29.07	217.51	105.00	785.51	122.50	916.42	2257.86
03/04/14	0.09	0.06	67.86	507.63	43.61	326.26	157.50	1178.26	183.75	1374.63	3386.78
03/05/14	0.10	0.07	75.40	564.04	48.46	362.51	175.00	1309.18	204.17	1527.37	3763.09
03/06/14	0.09	0.06	67.86	507.63	43.61	326.26	157.50	1178.26	183.75	1374.63	3386.78
03/07/14	0.17	0.12	128.17	958.86	82.38	616.27	297.50	2225.60	347.08	2596.53	6397.26
03/08/14	0.06	0.04	45.24	338.42	29.07	217.51	105.00	785.51	122.50	916.42	2257.86
03/09/14	0.13	0.09	98.01	733.25	62.99	471.26	227.50	1701.93	265.42	1985.58	4892.02
03/10/14	0.22	0.15	165.87	1240.88	106.61	797.52	385.00	2880.19	449.17	3360.22	8278.80
03/11/14	0.33	0.23	248.81	1861.32	159.91	1186.28	577.50	4320.28	673.75	5040.32	12418.21
03/12/14	0.29	0.20	218.65	1635.71	140.53	1051.28	507.50	3796.61	592.08	4429.38	10912.97
03/13/14	0.23	0.16	173.41	1297.28	111.45	833.77	402.50	3011.10	469.58	3512.95	8655.11
03/14/14	0.20	0.14	150.79	1128.07	96.92	725.02	350.00	2618.35	408.33	3054.74	7528.19
03/15/14	0.08	0.06	60.32	451.23	38.77	290.01	140.00	1047.34	163.33	1221.90	3010.47
03/16/14	0.12	0.08	90.48	676.84	58.15	435.01	210.00	1571.01	245.00	1832.85	4515.71
03/17/14	0.16	0.11	120.63	902.46	77.53	580.02	280.00	2094.68	326.67	2443.79	6020.95
03/18/14	0.48	0.34	361.90	2707.37	232.60	1740.05	840.00	6284.04	980.00	7331.38	18062.84
03/19/14	0.20	0.14	150.79	1128.07	96.92	725.02	350.00	2618.35	408.33	3054.74	7528.19
03/20/14	0.21	0.15	158.33	1184.48	101.76	761.27	367.50	2749.27	428.75	3207.48	7902.49
03/21/14	0.26	0.18	196.03	1466.49	125.99	942.53	455.00	3403.86	530.83	3971.16	9784.04
03/22/14	0.25	0.18	188.49	1410.09	121.14	906.28	437.50	3272.94	510.42	3818.43	8655.11
03/23/14	0.23	0.16	173.41	1297.28	111.45	833.77	402.50	3011.10	469.58	3512.95	8655.11
03/24/14	0.19	0.13	143.25	1071.67	92.07	688.77	332.50	2487.43	387.92	2902.00	7149.88
03/25/14	0.18	0.13	135.71	1015.27	87.22	652.52	315.00	2356.52	367.50	2749.27	6773.57
03/26/14	0.10	0.07	75.40	564.04	48.46	362.51	175.00	1309.18	204.17	1527.37	3763.09
03/27/14	0.28	0.20	211.11	1579.30	135.68	1015.03	490.00	3665.69	571.67	4276.64	10536.66
03/28/14	0.17	0.12	128.17	958.86	82.38	616.27	297.50	2225.60	347.08	2596.53	6397.26
03/29/14	0.23	0.16	173.41	1297.28	111.45	833.77	402.50	3011.10	469.58	3512.95	8655.11
03/30/14	0.32	0.22	241.27	1804.92	155.06	1160.03	560.00	4189.36	653.33	4887.59	12041.90
03/31/14	0.24	0.17	180.95	1353.69	116.30	870.03	420.00	3142.02	490.00	3665.69	9031.42
Monthly Totals			4357.88	32801.29	2800.84	20963.11	10116.00	78870.32	11890.83	88282.83	217806.75
Quarterly Total			9296	69546	5975	44698	21578	161421	25174	188325	463989

2014				
	Water Truck	Hours	MILES	
Wednesday	1/1/2014			
Thursday	1/2/2014			
Friday	1/3/2014			
Saturday	1/4/2014			
Sunday	1/5/2014			
Monday	1/6/2014			
Tuesday	1/7/2014			
Wednesday	1/8/2014			
Thursday	1/9/2014			
Friday	1/10/2014	0.4		
Saturday	1/11/2014			
Sunday	1/12/2014			
Monday	1/13/2014			
Tuesday	1/14/2014			
Wednesday	1/15/2014			
Thursday	1/16/2014	69516	69532	16
Friday	1/17/2014			
Saturday	1/18/2014			
Sunday	1/19/2014			
Monday	1/20/2014	69532	69546	14
Tuesday	1/21/2014	69557	69564.2	7.2
Wednesday	1/22/2014	69564.2	69567.4	3.2
Thursday	1/23/2014	69567.4	69598.3	30.9
Friday	1/24/2014	69598.3	69610.2	11.9
Saturday	1/25/2014	69610.2	69642	31.8
Sunday	1/26/2014			3.98
Monday	1/27/2014			
Tuesday	1/28/2014			
Wednesday	1/29/2014			
Thursday	1/30/2014			
Friday	2/1/2013			
Saturday	2/2/2013			
Sunday	2/3/2013	0.5		
Monday	2/4/2013			
Tuesday	2/5/2013			
Wednesday	2/6/2013			
Thursday	2/7/2013	0.3		
Friday	2/8/2013			
Saturday	2/9/2013			
Sunday	2/10/2013	0.1		
Monday	2/11/2013			
Tuesday	2/12/2013			
Wednesday	2/13/2013			
Thursday	2/14/2013			
Friday	2/15/2013			
Saturday	2/16/2013			
Sunday	2/17/2013			
Monday	2/18/2013			
Tuesday	2/19/2013			
Wednesday	2/20/2013			
Thursday	2/21/2013			
Friday	2/22/2013			
Saturday	2/23/2013			
Sunday	2/24/2013			

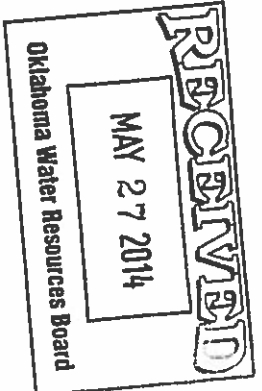
Water Truck			
	Loads	Gallons	Rainfall
Month	14	64,688	
January	14	64,688	0.4
February	0	0	0.8
March	0	0	1.7
April	0	0	0.0
May	0	0	0.0
June	0	0	0.0
July	0	0	0.0
August	0	0	0.0
September	0	0	0.0
October	0	0	0.0
November	0	0	0.0
December	0	0	0.0
Total	14	64,688	2.9

Water Right	Use	Permitted Gallons	Permitted Ac-Ft
18900552	-5,133,607	39,427,971.00	121

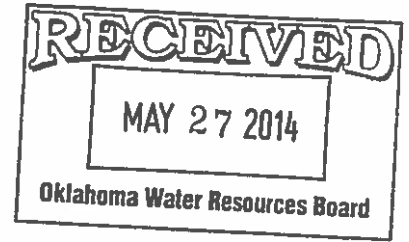
Total Groundwater Usage		
Month	Gallons	Ac-Ft
January	64,688	
February	0	
March	0	
April	-5,198,294	
May	0	
June	0	
July	0	
August	0	
September	0	
October	0	
November	0	
December	0	
Total	-5,133,607	

WELL	
Month	Gallons
January	0
February	0
March	0
April	-5,198,294
May	0
June	0
July	0
August	0
September	0
October	0
November	0
December	0
Total	-5,198,294

Groundwater			
C.O.	Date	Hours	Gallons
	01/06/14	10910	0
	01/13/14	10910	0
	01/20/14	10910	0
	01/27/14	10910	0
	02/03/14	10910	0
	02/10/14	10910	0
	02/17/14	10910	0
	02/24/14	10910	0
	03/03/14	10910	0
	03/11/13	10910	0
	03/18/13	10910	0
	03/25/13	10910	0
	04/01/13	0	-5,198,294
	04/08/13	0	0
	04/15/13	0	0
	04/22/13	0	0
	04/29/13	0	0
	05/06/13	0	0
	05/13/13	0	0
	05/20/13	0	0
	05/27/13	0	0
	06/03/13	0	0
	06/10/13	0	0
	06/17/13	0	0
	06/24/13	0	0
	07/01/13	0	0
	07/08/13	0	0
	07/15/13	0	0
	07/22/13	0	0
	07/29/13	0	0
	08/05/13	0	0
	08/12/13	0	0
	08/19/13	0	0
	08/26/13	0	0
	09/02/13	0	0
	09/09/13	0	0
	09/16/13	0	0
	09/23/13	0	0
	09/30/13	0	0
	10/07/13	0	0
	10/14/13	0	0
	10/21/13	0	0
	10/28/13	0	0
	11/04/13	0	0
	11/11/13	0	0
	11/18/13	0	0
	11/25/13	0	0
	12/02/13	0	0
	12/09/13	0	0
	12/16/13	0	0
	12/23/13	0	0
	12/30/13	0	0
Total			-5,198,294



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



SUMP DATA:

SUMP A: 12,925 Ft²

SUMP B: 8,307 Ft²

SETTLING POND DATA:

SETTLING POND A: 30,000 Ft² (F-02, MAP 3 – SSWMCP)

SETTLING POND B: 35,000 Ft² (F-01, MAP 3 – SSWMCP)

PRODUCTION DATA:

Tons mined and shipped to the plant at 2.5% moisture:

<u>MONTH</u>	<u>TONS</u>	<u>MOISTURE %</u>
January	18,403	2.0
February	16,046	2.5
<u>March</u>	<u>19,803</u>	<u>2.5</u>
Total	54,252	

Calculations for gallons of water shipped to the Plant:

18,403 x 0.020 = 368.1 tons or 736,120 lbs

16,046 x 0.025 = 401.2 tons or 802,400 lbs

19,803 x 0.025 = 495.1 tons or 990,200 lbs

Total lbs = 2,509,130 lbs

Gallons = 2,528,720 lbs x 1 gal/8.3 lbs = 304,665 gallons of water

Misc. Water Data:

List of Equivalents:

Volume Units

One Gallon

= 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)