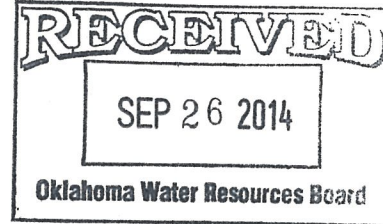




Robin Simmons
Land Manager

September 26, 2014

Mr. Kent Wilkins
Oklahoma Water Resources Board
3800 N. Classen Boulevard
Oklahoma City, OK 73118



Re: Martin Marietta (TXI) Mill Creek 2014 Q2 Monitoring Report

Dear Mr. Wilkins:

Attached please find the Quarterly Monitoring Report for Martin Marietta's (TXI) Mill Creek Operation. The attached report is summarized on Attachment 1-Appendix C of the Rules. In addition, we are providing the augmentation supporting data, water level graphs, runoff modelling summary, and summary of moisture content shipped.

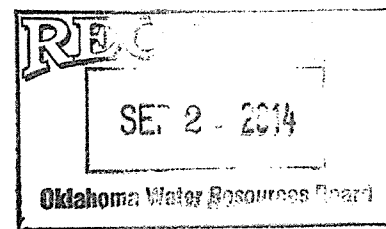
Please call if you have any questions or comments.

Sincerely,

A handwritten signature in blue ink that reads 'Robin Simmons'.

Robin Simmons, EIT
Land Manager

ATTACHMENT 1 (Appendix C)
Martin Marietta (TXI) Mill Creek CY 2014



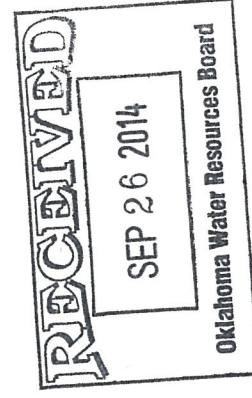
Appendix C . Consumptive use of Pitwater

Q2 2014

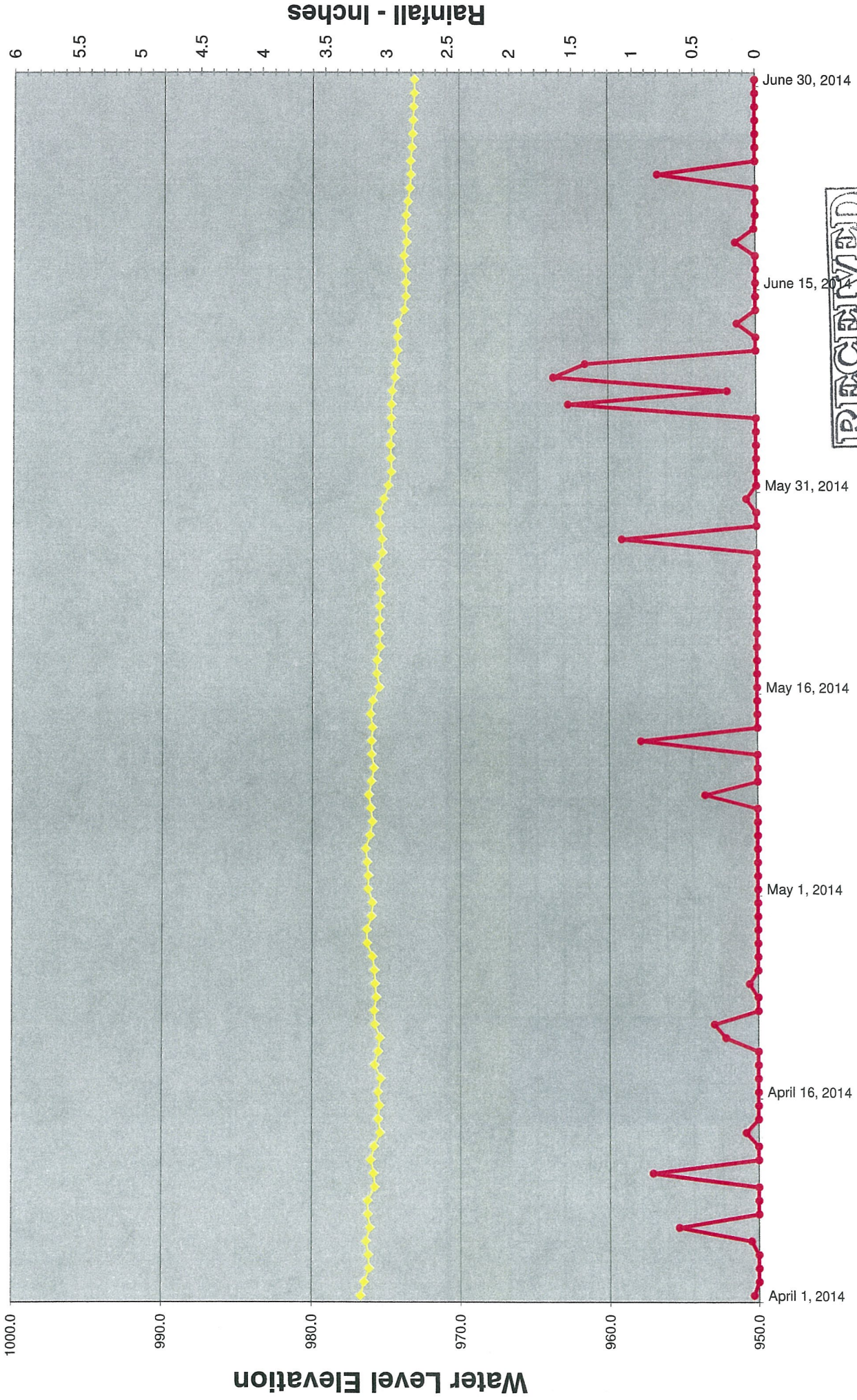
PIT GROUNDWATER VOLUME			
1	Total volume pumped from producing mine pit(s) (AC-FT)		410.86
2	Volume of precipitation that falls onto the surface of producing Mine Pits (AC-FT)		89.37
3	Portion of total precipitation that flows over the land surface that drains into the mine pit water (AC-FT)		31.95
4	other non pit waters pumped from the producing mining pit (AC-FT)		
5	add lines 2 through 4		121.33
6	Pit Groundwater Volume (AC-FT) (line 1 minus Line 5)		289.54
DEFINED ELEMENTS OF CONSUMPTIVE USE			
7	Vol. of pit groundwater that is driven off (by drying) the mined material transp. off of the mine site (AC-FT)		0.00
8	Vol. of pit groundwater that is carried away with the the mined material transp. off of the mine site (AC-FT)		2.37
9	Vol. of pit groundwater that evaporates from producing mine pits, process ponds and lined ponds (excluding structures used for augmentation) (AC-FT)		3.42
10	Volume of pit groundwater that is used for other beneficial uses off of the mine site (AC-FT)		0.52
11	DEFINED ELEMENTS OF CONSUMPTIVE USE of Pit groundwater (AC-FT) (add lines 7 through 10)		6.31
PIT GROUNDWATER BALANCE			
12	Lines 6 minus 11		283.23
13	Groundwater Augmentation Volume of pit groundwater returned to GW Basin or subbasin. (Troy Recharge AC-FT)	Credits	2.83
14	Stream Augmentation volume of pitwater discharged to a definite Stream, during flow conditions that are less than or equal to the accepted exceedance level (AC-FT)		147.45
15	PPT and Runoff Volume of Precipitation and surface runoff into a recharge pit or holding pond (AC-FT)		86.15
16	Recycled Pit Groundwater - Volume of ground water returned to the mine pit or holding basin (AC-FT)		204.65
17	Other Non-Consumptive GW Losses Including pit GW returned to the land surface from which surface runoff flows into a mine pit and other losses (AC-FT)		2.67
18	add lines 13 through 17		443.74
19	OTHER CONSUMPTIVE USE Line 12 minus Line 18		-160.51
TOTAL REPORTED CONSUMPTIVE USE (AC-FT)			
TOTAL NET CONSUMPTIVE USE (AC-FT) Line 11 plus line 19			-154.20

FIGURE 6
RESULTS FROM RUNOFF MODELLING

2014	PPT. Inches	Quarry Monthly Totals		FW Pond Monthly Totals		Re-cycle Recharge (Troy) Monthly Totals		TXI-Mill Creek Totals	
		Direct ppt	Runoff	Direct ppt	Runoff	Direct ppt	Runoff	Direct ppt	Runoff
		ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft
January	0.51	0.08	0.47	0.93	0.00	1.73	0.00	2.74	0.47
February	0.60	0.10	0.78	1.09	0.00	2.03	0.00	3.22	0.78
March	1.69	0.27	13.33	3.07	0.96	5.73	3.37	9.07	17.66
Q1 Subtotal	2.80	0.45	14.57	5.09	0.96	9.49	3.37	15.03	18.90
April	2.37	0.377	11.10	4.31	0.12	8.03	1.06	12.72	12.28
May	2.57	0.409	19.16	4.67	0.65	8.71	3.35	13.79	23.16
June	5.91	0.94	89.34	10.75	26.04	20.03	44.96	31.72	160.34
Q2 Subtotal	10.85	1.73	119.60	19.73	26.81	36.77	49.38	58.23	195.79
ANNUAL TOTALS	13.65	2.17	134.17	24.82	27.77	46.26	52.75	73.26	214.69



Mill Creek Water Levels Second Quarter - CY2014



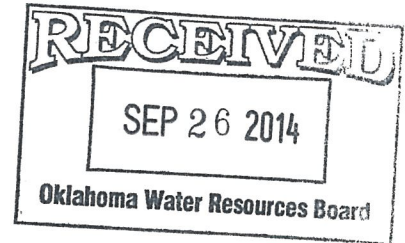
RECEIVED

SEP 26 2014

Oklahoma Water Resources Board

Quarter Summary	2nd QTR
Total Tons Shipped	
Total Acre Feet	29.9703
Average Moisture %	2.79

* Other Material Dry includes 3X1, 3X5, 3X6, Rip Rap, Non-Spec Base from Old Stockpiles



----- WARNING -----
The data you have obtained from this automated U.S. Geological Survey database
have not received Director's approval and as such are provisional and subject to
revision. The data are released on the condition that neither the USGS nor the
United States Government may be held liable for any damages resulting from its use.
Additional info: <http://help.waterdata.usgs.gov/policies/provisional-data-statement>

File-format description: <http://help.waterdata.usgs.gov/faq/about-tab-delimited-output>
Automated-retrieval info: <http://help.waterdata.usgs.gov/faq/automated-retrievals>

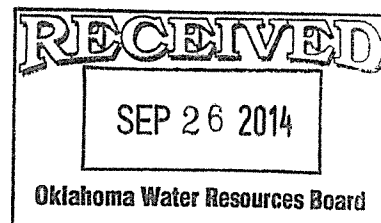
Contact: gs-w_support_nwisweb@usgs.gov
retrieved: 2014-09-22 17:25:51 EDT (nadww02)

Data for the following 1 site(s) are contained in this file
USGS 07331200 Mill Creek near Mill Creek, OK

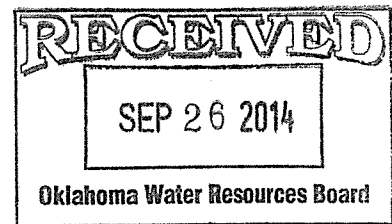
Data provided for site 07331200
DD parameter statistic Description
02 00060 00003 Discharge, cubic feet per second (Mean)

Data-value qualification codes included in this output:
A Approved for publication -- Processing and review completed.
P Provisional data subject to revision.
e Value has been estimated.
#

agency_cd	site_no	datetime	02_00060_00003	02_00060_00003_cd
5s	15s	20d	14n	10s
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USGS	07331200	2014-04-02	2.0	A
USGS	07331200	2014-04-03	1.9	A
USGS	07331200	2014-04-04	1.7	A
USGS	07331200	2014-04-05	1.7	A
USGS	07331200	2014-04-06	2.5	A
USGS	07331200	2014-04-07	2.8	A
USGS	07331200	2014-04-08	2.5	A
USGS	07331200	2014-04-09	1.9	A
USGS	07331200	2014-04-10	1.4	A:e
USGS	07331200	2014-04-11	1.4	A:e
USGS	07331200	2014-04-12	1.5	A:e
USGS	07331200	2014-04-13	1.6	A:e
USGS	07331200	2014-04-14	1.5	A:e
USGS	07331200	2014-04-15	1.4	A:e
USGS	07331200	2014-04-16	1.5	A:e
USGS	07331200	2014-04-17	1.4	A:e
USGS	07331200	2014-04-18	1.7	A:e
USGS	07331200	2014-04-19	1.4	A:e
USGS	07331200	2014-04-20	1.7	A:e
USGS	07331200	2014-04-21	3.2	A:e
USGS	07331200	2014-04-22	1.7	A:e
USGS	07331200	2014-04-23	1.4	A:e
USGS	07331200	2014-04-24	1.6	A:e
USGS	07331200	2014-04-25	1.4	A:e
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USGS	07331200	2014-04-27	1.5	A:e
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USGS	07331200	2014-05-02	1.2	A:e

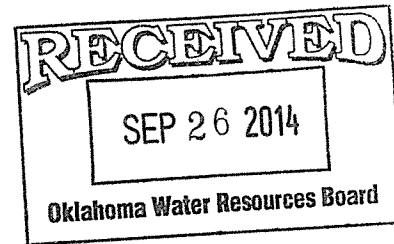


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USGS	07331200	2014-05-09	1.2	A:e
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USGS	07331200	2014-05-23	1.1	A:e
USGS	07331200	2014-05-24	1.1	A:e
USGS	07331200	2014-05-25	1.2	A:e
USGS	07331200	2014-05-26	1.2	A:e
USGS	07331200	2014-05-27	1.8	A:e
USGS	07331200	2014-05-28	1.2	A:e
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USGS	07331200	2014-05-30	1.8	A:e
USGS	07331200	2014-05-31	1.6	A:e
USGS	07331200	2014-06-01	1.5	A:e
USGS	07331200	2014-06-02	1.4	A:e
USGS	07331200	2014-06-03	1.4	A:e
USGS	07331200	2014-06-04	1.3	A:e
USGS	07331200	2014-06-05	1.3	A:e
USGS	07331200	2014-06-06	2.4	A
USGS	07331200	2014-06-07	1.4	A
USGS	07331200	2014-06-08	91	A
USGS	07331200	2014-06-09	34	A
USGS	07331200	2014-06-10	8.2	A
USGS	07331200	2014-06-11	4.1	A
USGS	07331200	2014-06-12	3.4	A
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USGS	07331200	2014-06-17	2.2	A
USGS	07331200	2014-06-18	2.1	A
USGS	07331200	2014-06-19	2.4	A
USGS	07331200	2014-06-20	2.4	P
USGS	07331200	2014-06-21	3.0	P
USGS	07331200	2014-06-22	3.6	P
USGS	07331200	2014-06-23	19	P
USGS	07331200	2014-06-24	6.2	P
USGS	07331200	2014-06-25	3.9	P
USGS	07331200	2014-06-26	3.3	P
USGS	07331200	2014-06-27	3.0	P
USGS	07331200	2014-06-28	2.8	P
USGS	07331200	2014-06-29	2.7	P
USGS	07331200	2014-06-30	2.5	P



Q2 2014
Mill Creek Augmentation with corresponding mean daily flows

USGS #		Mean Daily Flow (cfs)	Augmentation Volume (ac-ft)
7331200	4/1/2014	1.8	1.7
7331200	4/2/2014	2	1.3
7331200	4/3/2014	1.9	1.3
7331200	4/4/2014	1.7	0.8
7331200	4/5/2014	1.7	1.5
7331200	4/6/2014	2.5	0.8
7331200	4/7/2014	2.8	0
7331200	4/8/2014	2.5	3.6
7331200	4/9/2014	1.9	0
7331200	4/10/2014	1.4	2.3
7331200	4/11/2014	1.4	1.1
7331200	4/12/2014	1.5	0
7331200	4/13/2014	1.6	3.1
7331200	4/14/2014	1.5	1.4
7331200	4/15/2014	1.4	0
7331200	4/16/2014	1.5	2.2
7331200	4/17/2014	1.4	0.5
7331200	4/18/2014	1.7	0.8
7331200	4/19/2014	1.4	0.9
7331200	4/20/2014	1.7	
7331200	4/21/2014	3.2	
7331200	4/22/2014	1.7	
7331200	4/23/2014	1.4	
7331200	4/24/2014	1.6	
7331200	4/25/2014	1.4	
7331200	4/26/2014	1.3	
7331200	4/27/2014	1.5	
7331200	4/28/2014	1.6	
7331200	4/29/2014	1.3	
7331200	4/30/2014	1.2	
7331200	5/1/2014	1.3	
7331200	5/2/2014	1.2	
7331200	5/3/2014	1.2	
7331200	5/4/2014	1.1	
7331200	5/5/2014	1.1	
7331200	5/6/2014	1.2	
7331200	5/7/2014	1.2	
7331200	5/8/2014	1.3	
7331200	5/9/2014	1.2	
7331200	5/10/2014	1.2	
7331200	5/11/2014	1.2	
7331200	5/12/2014	2.2	
7331200	5/13/2014	1.3	
7331200	5/14/2014	1.2	
7331200	5/15/2014	1.2	
7331200	5/16/2014	1.2	
7331200	5/17/2014	1.1	
7331200	5/18/2014	1.2	
7331200	5/19/2014	1.1	
7331200	5/20/2014	1.2	
7331200	5/21/2014	1.1	



Q2 2014

Mill Creek Augmentation with corresponding mean daily flows

USGS #	Mean Daily Flow (cfs)	Augmentation Volume (ac-ft)
7331200 5/22/2014	1.1	
7331200 5/23/2014	1.1	
7331200 5/24/2014	1.1	
7331200 5/25/2014	1.2	
7331200 5/26/2014	1.2	
7331200 5/27/2014	1.8	
7331200 5/28/2014	1.2	
7331200 5/29/2014	1.1	
7331200 5/30/2014	1.8	
7331200 5/31/2014	1.6	
7331200 6/1/2014	1.5	
7331200 6/2/2014	1.4	
7331200 6/3/2014	1.4	
7331200 6/4/2014	1.3	
7331200 6/5/2014	1.3	
7331200 6/6/2014	2.4	
7331200 6/7/2014	1.4	
7331200 6/8/2014	91	
7331200 6/9/2014	34	2.6
7331200 6/10/2014	8.2	2.8
7331200 6/11/2014	4.1	2.67
7331200 6/12/2014	3.4	2.67
7331200 6/13/2014	3	2.67
7331200 6/14/2014	2.7	2.68
7331200 6/15/2014	2.5	2.6
7331200 6/16/2014	2.3	2.7
7331200 6/17/2014	2.2	2
7331200 6/18/2014	2.1	2.2
7331200 6/19/2014	2.4	
7331200 6/20/2014	2.4	
7331200 6/21/2014	3	
7331200 6/22/2014	3.6	
7331200 6/23/2014	19	
7331200 6/24/2014	6.2	
7331200 6/25/2014	3.9	
7331200 6/26/2014	3.3	
7331200 6/27/2014	3	
7331200 6/28/2014	2.8	
7331200 6/29/2014	2.7	
7331200 6/30/2014	2.5	