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**SEPTEMBER 30, 2013**

**OKLAHOMA WATER RESOURCES BOARD**

**3800 N. CLASSEN BOULEVARD**

**OKLAHOMA CITY, OK 73118**

**ATTN: MR. KENT WILKING**

**RE: TXI- Mill Creek**

**Quarterly Monitoring Report**

**2013 -Q2**

**Dear Mr. Wilkins**

**Attached please find the Quarterly Monitoring Report for TXI's Mill Creek Operation. The attached report is summarized on Attachment 1- Appendix C of the Rules.**

**If you need data sheets showing, the runoff and interception tables, the moisture content of shipped materials or the weather data, please let me know. As always please call with any questions or comments.**

*Bill Flanigan*  
**Bill Flanigan**

**TXI, Sr. Manager Geology and Mine Services**

**972.647.6712**

**ATTACHMENT 1 (Appendix C)**

April 1,2013 -  
June 30,2013

**Appendix C . Consumptive use of Pitwater**

<b>PIT GROUNDWATER VOLUME</b>			
1	Total volume pumped from producing mine pit(s) (AC-FT)		448.91
2	Volume of precipitation that falls onto the surface of producing Mine Pits (AC-FT)		98.41
3	Portion of total precipitation that flows over the land surface that drains into the mine pit water (AC-FT)		41.25
4	other non pit waters pumped from the producing mining pit (AC-FT)		
5	add lines 2 through 4		139.66
6	<b>Pit Groundwater Volume (AC-FT) (line 1 minus Line 5)</b>		<b>309.25</b>
<b>DEFINED ELEMENTS OF CONSUMPTIVE USE</b>			
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)		2.96
9	Vol. of pit groundwater that evaporates from producing mine pits, process ponds and lined ponds (excluding structures used for augmentation) (AC-FT)		3.38
10	Volume of pit groundwater that is used for other beneficial uses off of the mine site (AC-FT)		7.22
11	<b>DEFINED ELEMENTS OF CONSUMPTIVE USE of Pit groundwater (AC-FT) (add lines 7 through 10)</b>		<b>13.56</b>
<b>PIT GROUNDWATER BALANCE</b>			
12	Lines 6 minus 11		295.69
13	<b>Groundwater Augmentation</b> Volume of pit groundwater returned to returned to GW Basin or subbasin. (Troy Recharge AC-FT)	<b>Credits</b>	58.15
14	<b>Stream Augmentation</b> volume of pitwater discharged to a definite Stream, during flow conditions that are less than or equal to the accepted exceedance level (AC-FT)		
15	<b>PPT and Runoff</b> Volume of Precipitation and surface runoff into a recharge pit or holding pond (AC-FT)		109.44
16	<b>Recycled Pit Groundwater</b> - Volume of ground water returned to the mine pit or holding basin (AC-FT)		251.48
17	<b>Other Non-Consumptive Losses</b> Including pit GW returned to the land surface from which surface runoff flows into a mine pit and other losses (AC-FT)		9.07
18	add lines 13 through 17		428.15
19	<b>OTHER CONSUMPTIVE USE</b> Line 12 minus Line 18		-132.46
<b>TOTAL REPORTED CONSUMPTIVE USE (AC-FT)</b>			
<b>TOTAL NET CONSUMPTIVE USE (AC-FT) Line 11 plus line 19</b>			<b>-118.90</b>