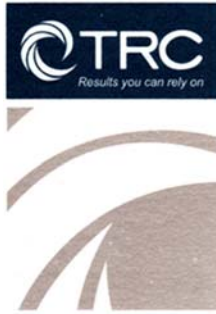


February 4, 2016



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February 4, 2016

Ms. Lori Simmons
Arkansas Department of Health
4815 West Markham Street
Little Rock, Arkansas 72205
Via email Lori.Simmons@arkansas.gov

Re: Georgia-Pacific, Crossett Mill - Biweekly Air Monitoring Report for Hydrogen Sulfide

Dear Ms. Simmons,

Following is the biweekly data summary for the Georgia-Pacific (GP) hydrogen sulfide (H₂S) and meteorological monitoring program, at the GP Crossett mill, covering the calendar period of January 13th through January 26th.

Summary of Results

Included in this report are three plots presenting H₂S concentrations calculated with varied rolling average periods (30-minute, 8-hour, and 24-hour). Also included in this report is a summary of results from the daily 1-point QC checks performed during this biweekly period. The QAPP establishes goals for precision and bias as a coefficient of variation (CV) <10% and ± 10%, respectively. Precision and bias are calculated in accordance with 40 CFR Part 58 Appendix A, Section 4.1.

Fourteen-day time series plots for all recorded meteorological (met) parameters are presented in the final table. All met parameters have 100% data capture for this report period.

There were no instances of data loss during this two week period, other than those resulting from automated daily 1-point QC and weekly calibration checks. Results for all available automated daily 1-point QC checks fall within the acceptable range, indicating the H₂S monitor was operating in accordance with the QAPP.

Please feel free to contact me if you have any questions or need any additional data.

Sincerely,

A handwritten signature in black ink, appearing to read 'J. B. Buss', is written over a light blue horizontal line.



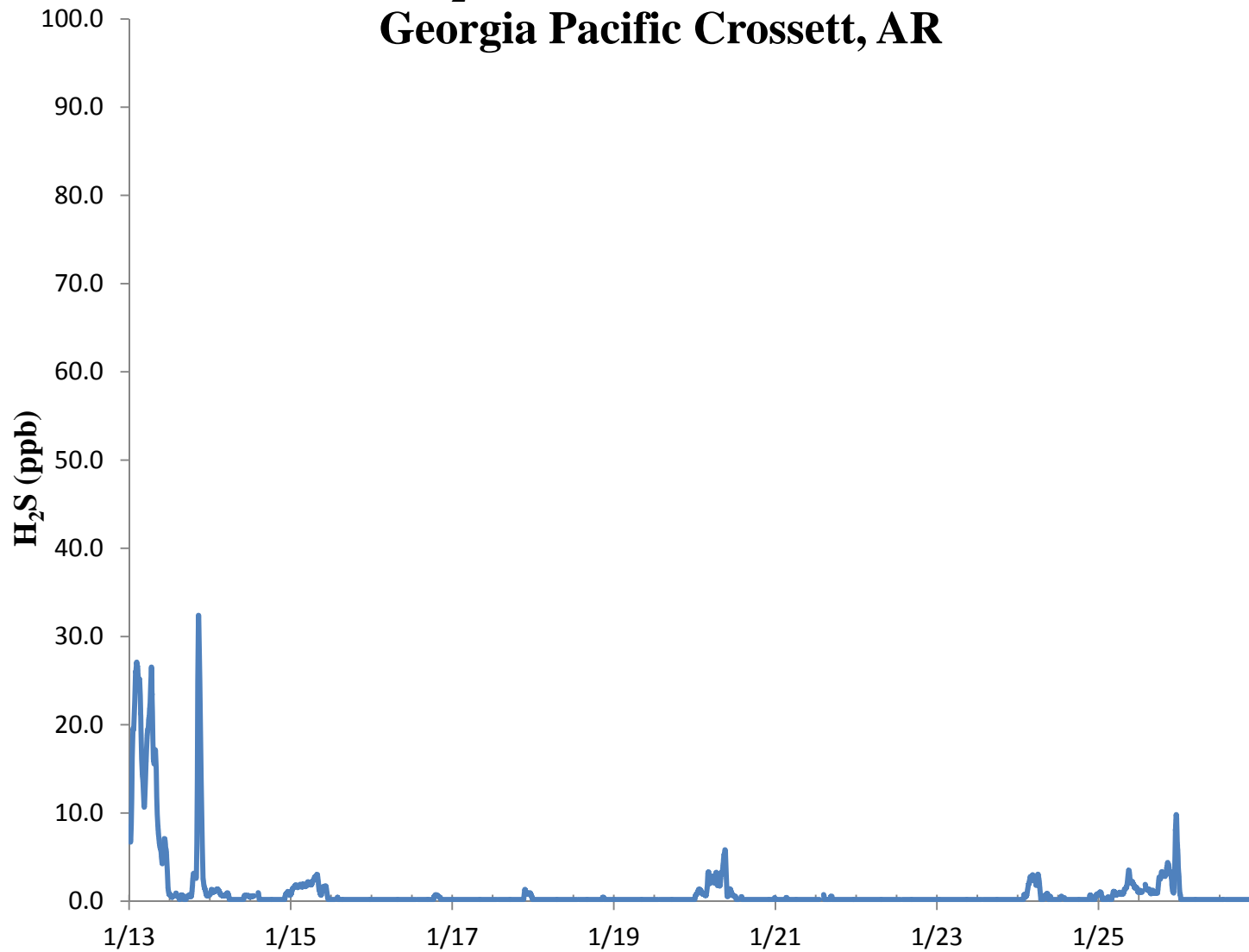
February 4, 2016

Jonathan Bowser
Manager, Air Quality and Meteorological Monitoring

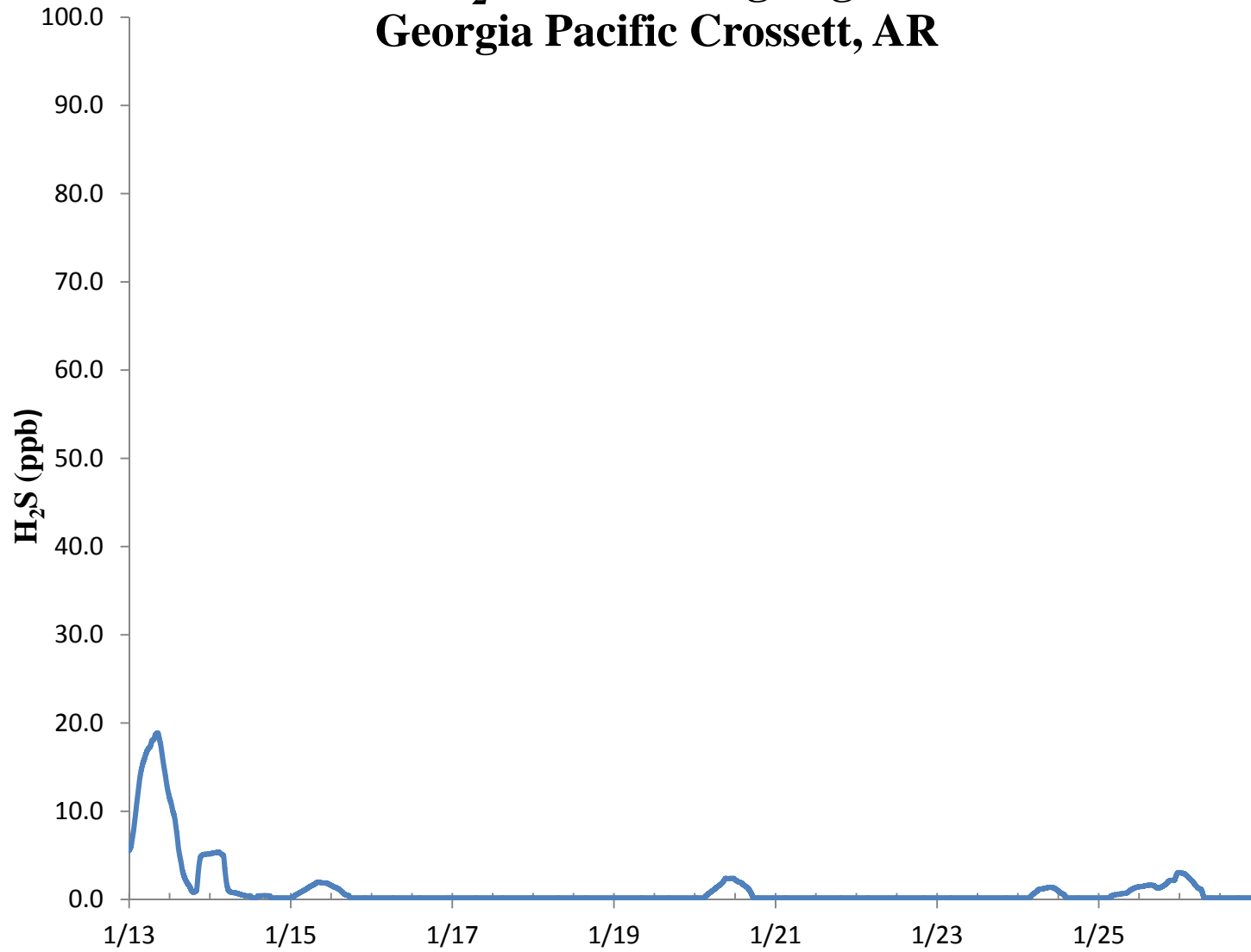
Air Measurements – Gainesville Office
6312 NW 18th Drive, Suite 100
Gainesville, Florida 32653
(352) 260-1162
Email: jbowser@trcsolutions.com

CC: Becky Keough, ADEQ Director via email: keogh@adeq.state.ar.us
Kara Allen, Environmental Engineer, USEPA Region 6 via email Allen.Kara@epa.gov

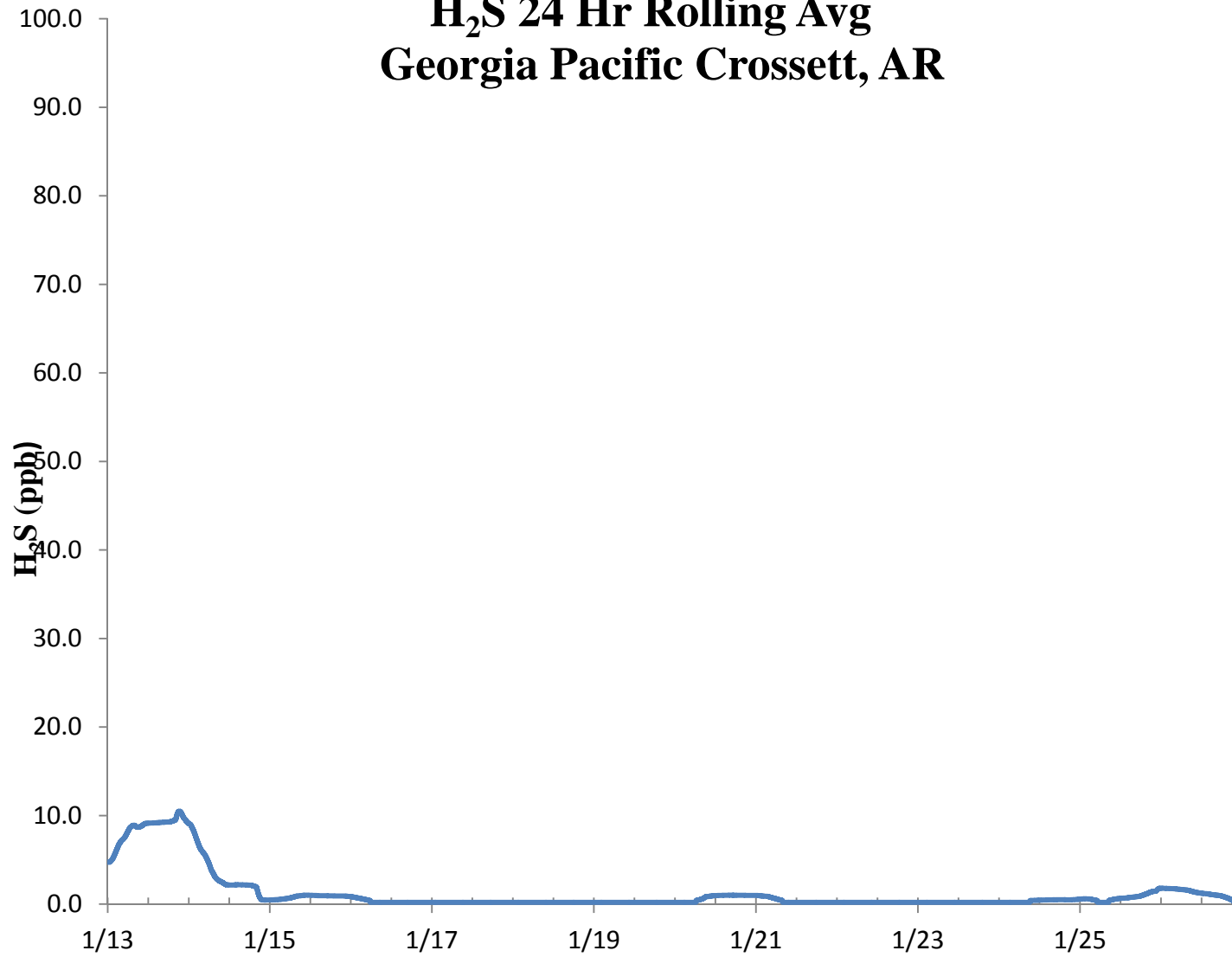
H₂S 30 Min Rolling Avg Georgia Pacific Crossett, AR



H₂S 8 Hr Rolling Avg Georgia Pacific Crossett, AR



H₂S 24 Hr Rolling Avg Georgia Pacific Crossett, AR



H₂S Assessment

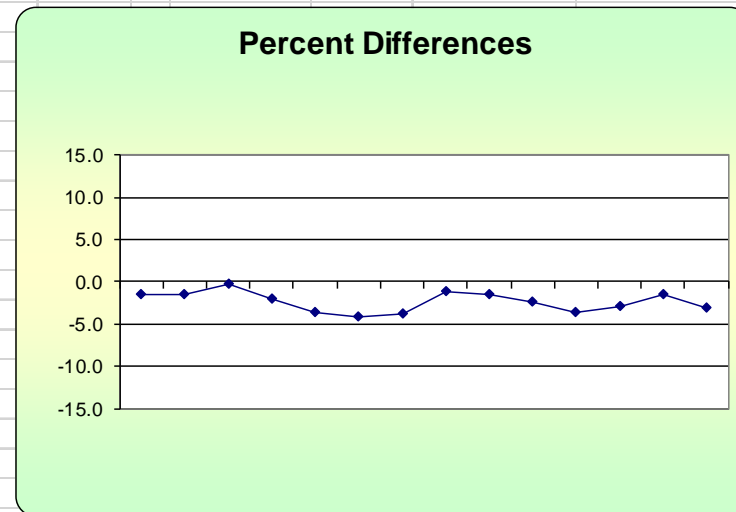
GP - Crossett, AR			Constituent type: H ₂ S						CV _{ub} (%)	Bias (%)
Date	Meas Val (Y)	Audit Val (X)	d (Eqn. 1)	25th Percentile	d ²	d	d ²			
1/13/2016 13:00	68.9	70.0	-1.6	-3.429	2.469	1.571	2.469			
1/14/2016 13:00	69.0	70.0	-1.4	75th Percentile	2.041	1.429	2.041			
1/15/2016 13:00	69.8	70.0	-0.3	-1.464	0.082	0.286	0.082			
1/16/2016 13:00	68.6	70.0	-2.0		4.000	2.000	4.000			
1/17/2016 13:00	67.5	70.0	-3.6		12.755	3.571	12.755			
1/18/2016 13:00	67.1	70.0	-4.1		17.163	4.143	17.163			
1/19/2016 13:00	67.4	70.0	-3.7		13.796	3.714	13.796			
1/20/2016 13:00	69.2	70.0	-1.1		1.306	1.143	1.306			
1/21/2016 13:00	69.0	70.0	-1.4		2.041	1.429	2.041			
1/22/2016 13:00	68.3	70.0	-2.4		5.898	2.429	5.898			
1/23/2016 13:00	67.5	70.0	-3.6		12.755	3.571	12.755			
1/24/2016 13:00	68.0	70.0	-2.9		8.163	2.857	8.163			
1/25/2016 13:00	68.9	70.0	-1.6		2.469	1.571	2.469			
1/26/2016 13:00	67.9	70.0	-3.0		9.000	3.000	9.000			

n	S_d	S_{d2}	Σ d 	"AB" (Eqn 4)
14	1.160	5.551	32.714	2.337
n-1	Σd	Σd²	Σ d ²	"AS" (Eqn 5)
13	-32.714	93.939	93.939	1.160

Bias (%) (Eqn 3)	Both Signs Positive
2.89	FALSE
Signed Bias (%)	Both Signs Negative
-2.89	TRUE

CV (%) (Eqn 2)	1.58
-----------------------	------

Upper Probability Limit	Lower Probability Limit
-0.06	-4.61



Meteorological Summary

