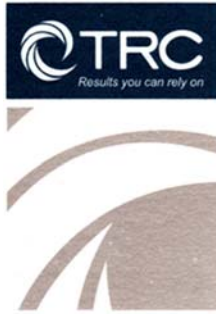


September 15, 2015



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September 15, 2015

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 August 26th through September 8th.

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 no instances of data loss during this two week period, other than those resulting from automated daily 1-point QC and weekly calibration checks. Due to a PC failure on August 26th, automated calibration checks were not performed on this day. 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.



September 15, 2015

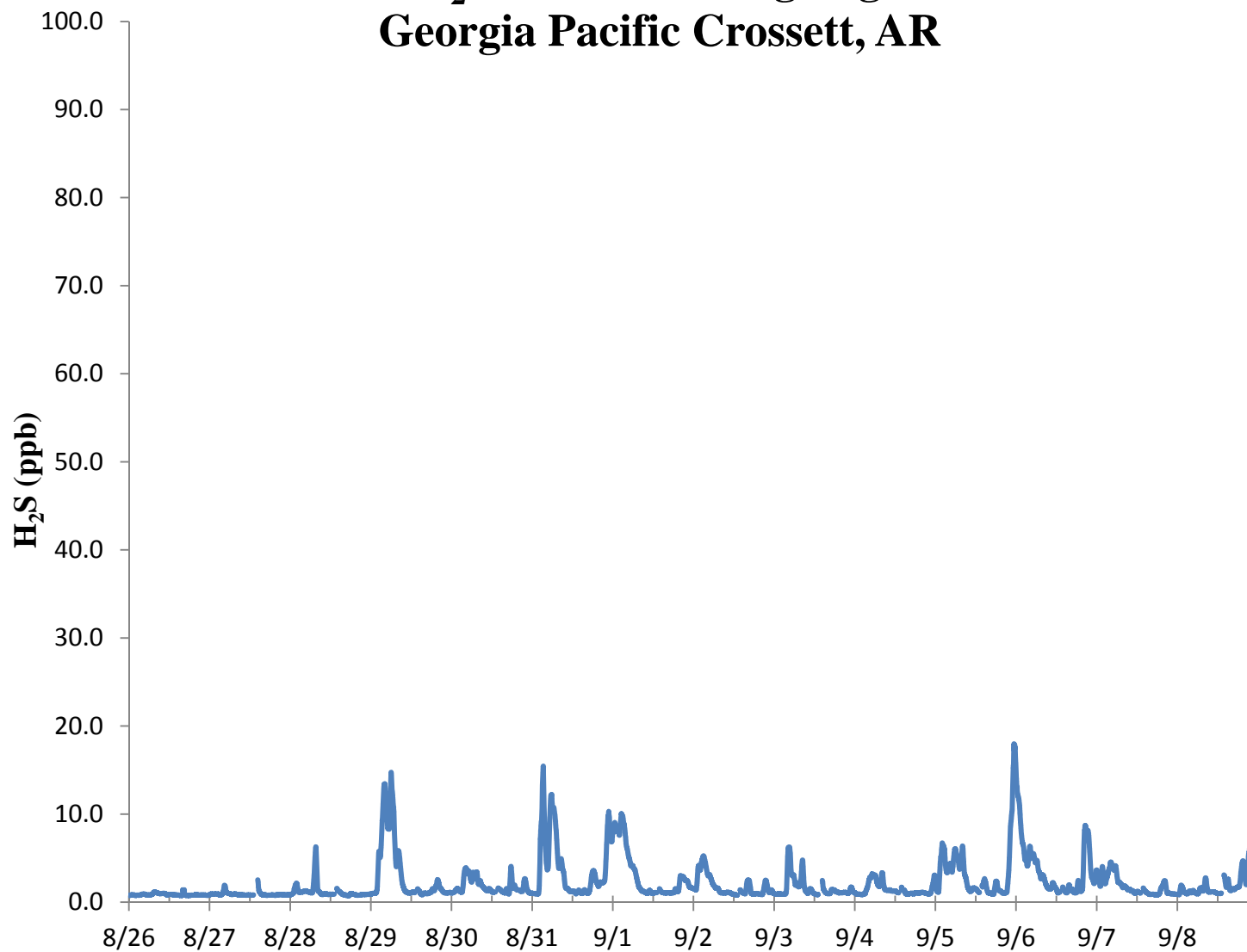
Jonathan Bowser
Manager, Air Quality and Meteorological Monitoring

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

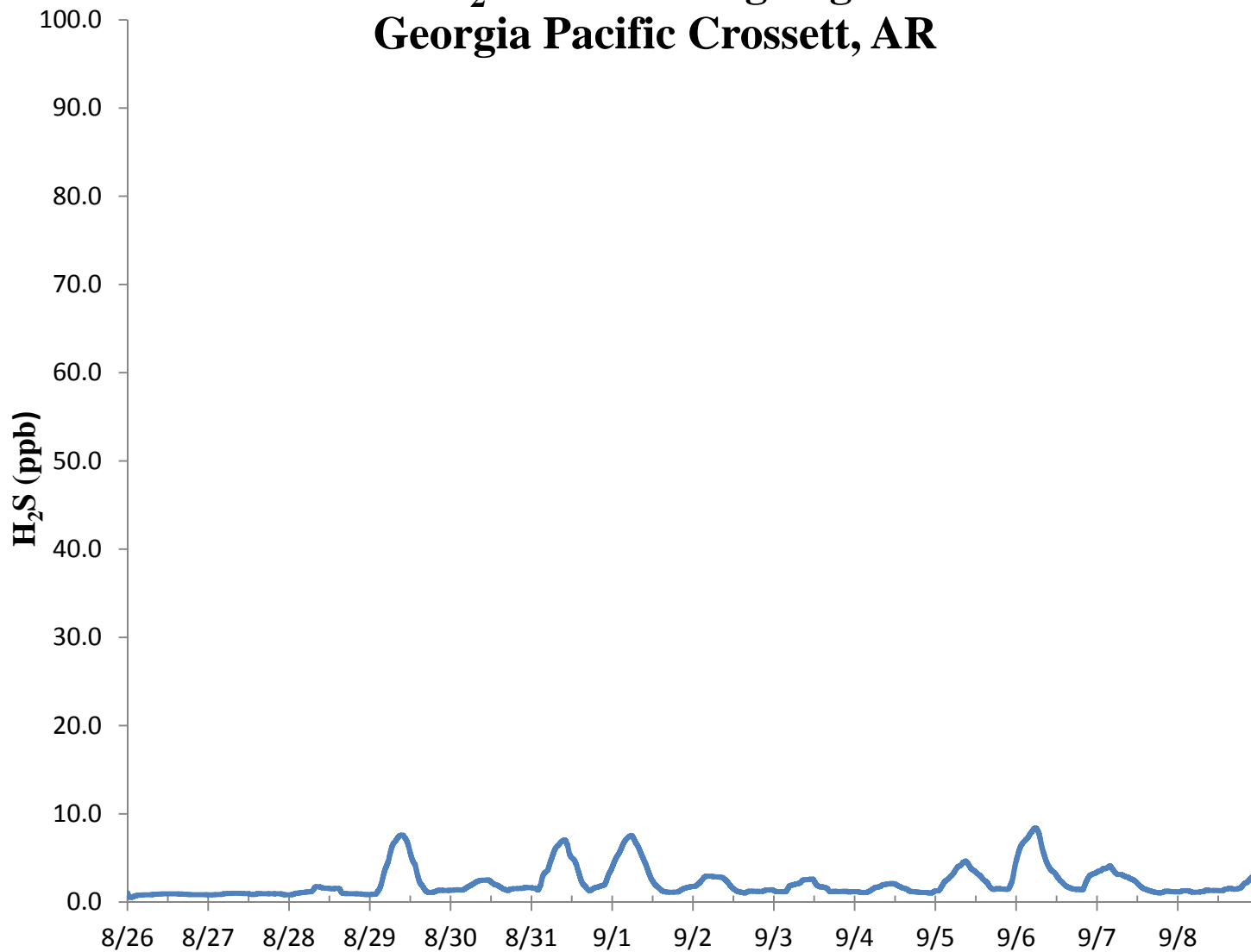
CC: Becky Keough, ADEQ Director via email: keogh@adeq.state.ar.us
Kara Allen, Environmental Engineer, USEPA Region 6 via email Allen.Kara@epa.gov



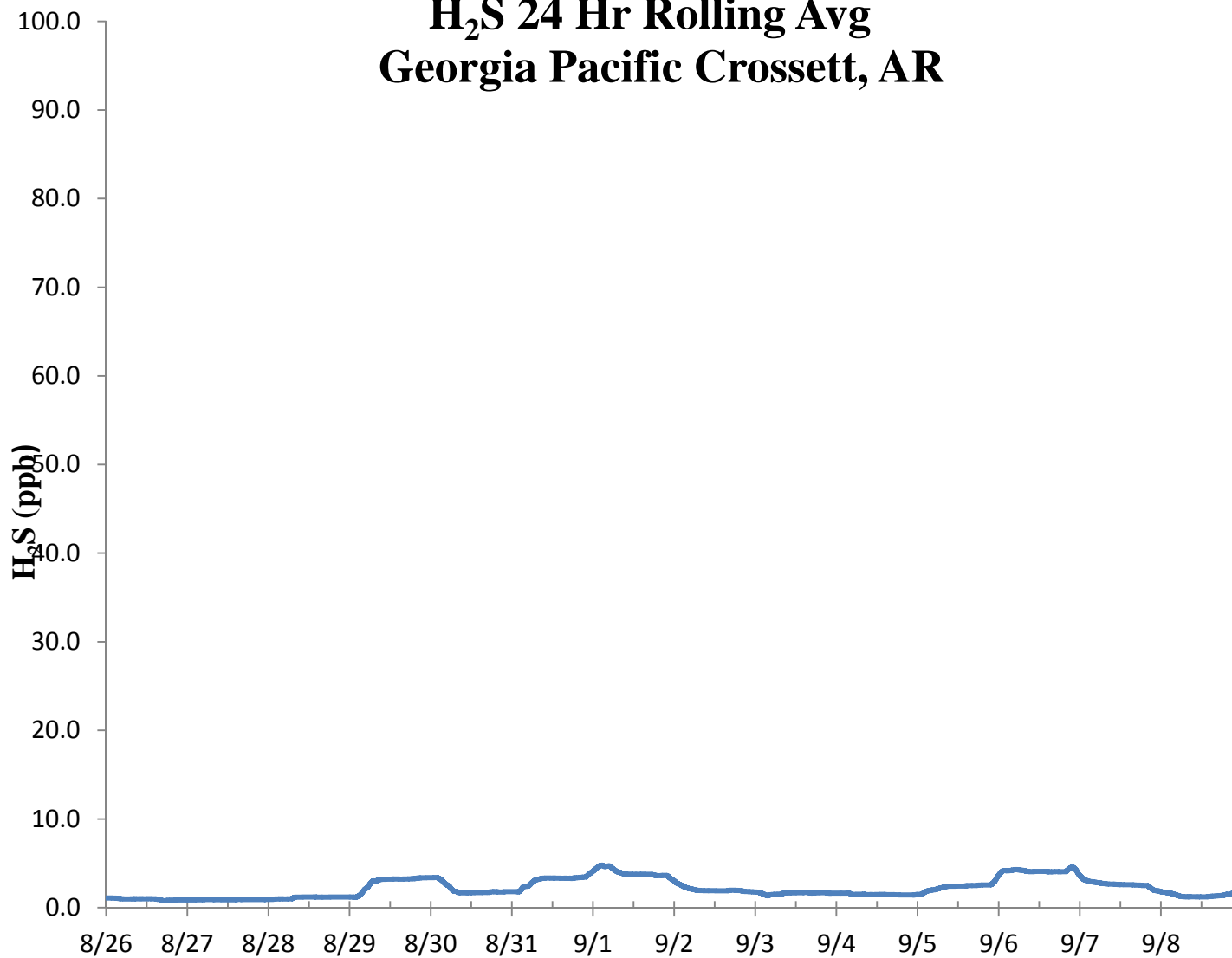
H₂S 30 Min Rolling Avg Georgia Pacific Crossett, AR



H₂S 8 Hr Rolling Avg Georgia Pacific Crossett, AR

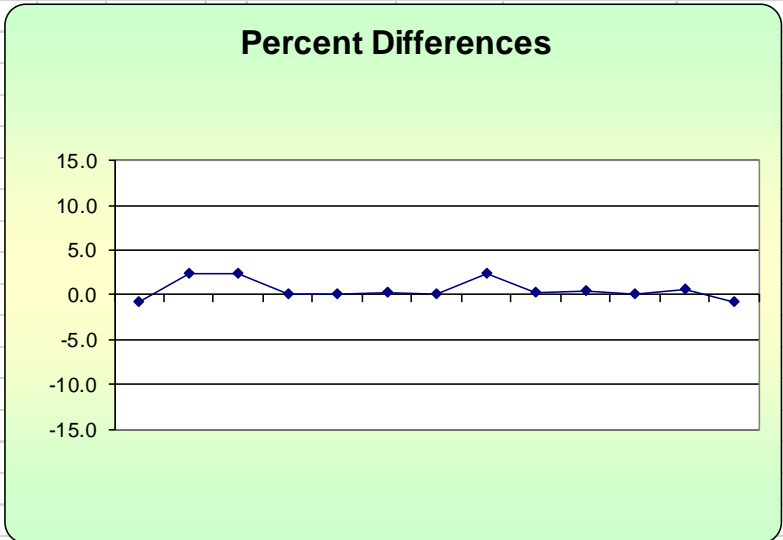


H₂S 24 Hr Rolling Avg Georgia Pacific Crossett, AR



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		
8/27/2015 13:00	69.4	70.0	-0.9	0.143	0.735	0.857	0.735		
8/28/2015 13:00	71.7	70.0	2.4	75th Percentile	5.898	2.429	5.898		
8/29/2015 13:00	71.6	70.0	2.3	0.571	5.224	2.286	5.224	n	S_d
8/30/2015 13:00	70.0	70.0	0.0		0.000	0.000	0.000	13	1.103
8/31/2015 13:00	70.1	70.0	0.1		0.020	0.143	0.020	n-1	Σd
9/1/2015 13:00	70.2	70.0	0.3		0.082	0.286	0.082	12	7.571
9/2/2015 13:00	70.1	70.0	0.1		0.020	0.143	0.020	S_{d2}	2.416
9/3/2015 13:00	71.7	70.0	2.4		5.898	2.429	5.898	Σ d 	10.714
9/4/2015 13:00	70.2	70.0	0.3		0.082	0.286	0.082	Σ d ²	19.000
9/5/2015 13:00	70.3	70.0	0.4		0.184	0.429	0.184	"AB" (Eqn 4)	0.824
9/6/2015 13:00	70.1	70.0	0.1		0.020	0.143	0.020	"AS" (Eqn 5)	0.921
9/7/2015 13:00	70.4	70.0	0.6		0.327	0.571	0.327	Bias (%) (Eqn 3)	1.28
9/8/2015 13:00	69.5	70.0	-0.7		0.510	0.714	0.510	Both Signs Positive	TRUE
								CV (%) (Eqn 2)	1.52
								Signed Bias (%)	+1.28
								Both Signs Negative	FALSE
								Upper Probability Limit	2.74
								Lower Probability Limit	-1.58



Meteorological Summary

