

July 10, 2015



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July 10, 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 - Monthly Air Monitoring Report for Hydrogen Sulfide

Dear Ms. Simmons,

Following is a data summary for the monthly operational period of the Georgia-Pacific (GP) hydrogen sulfide (H₂S) and meteorological monitoring program at the GP Crossett mill, covering the calendar period of June 1st through 30th, 2015.

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 monthly 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.

Thirty-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 periods of data loss during this monthly period, other than those resulting from automated daily 1-point QC and weekly calibration checks. Results for all 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,

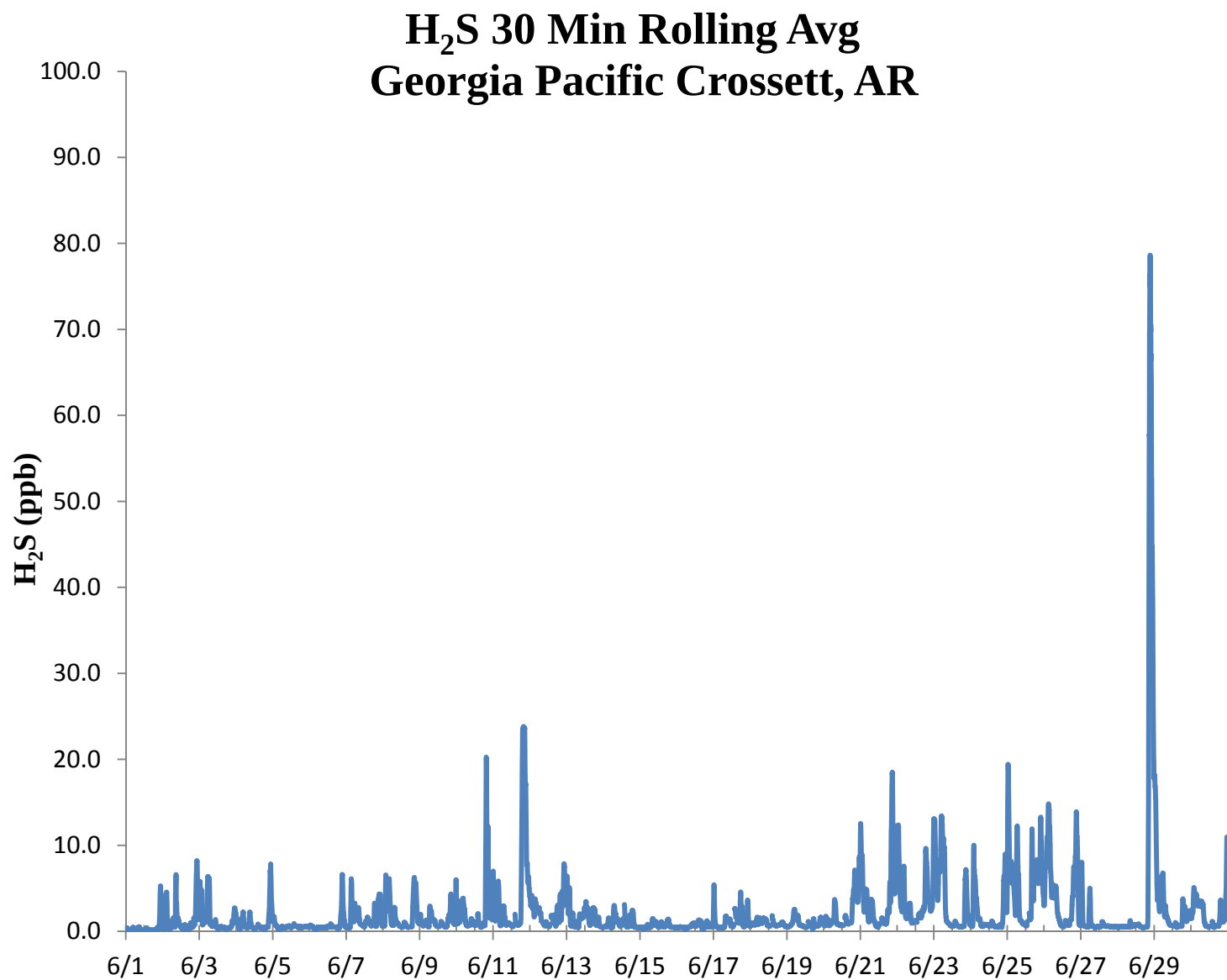


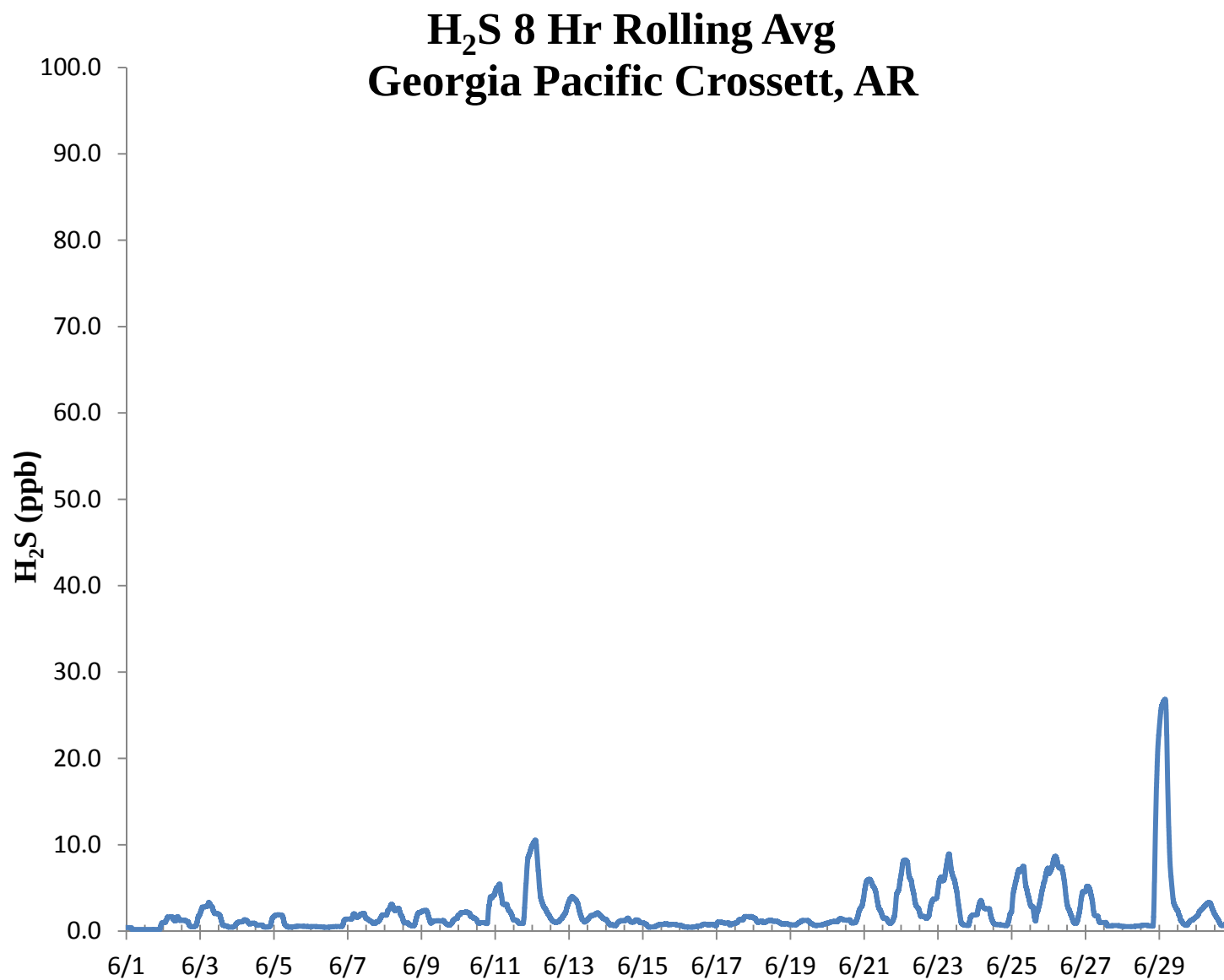
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Jonathan Bowser
Manager, Air Quality and Meteorological Monitoring

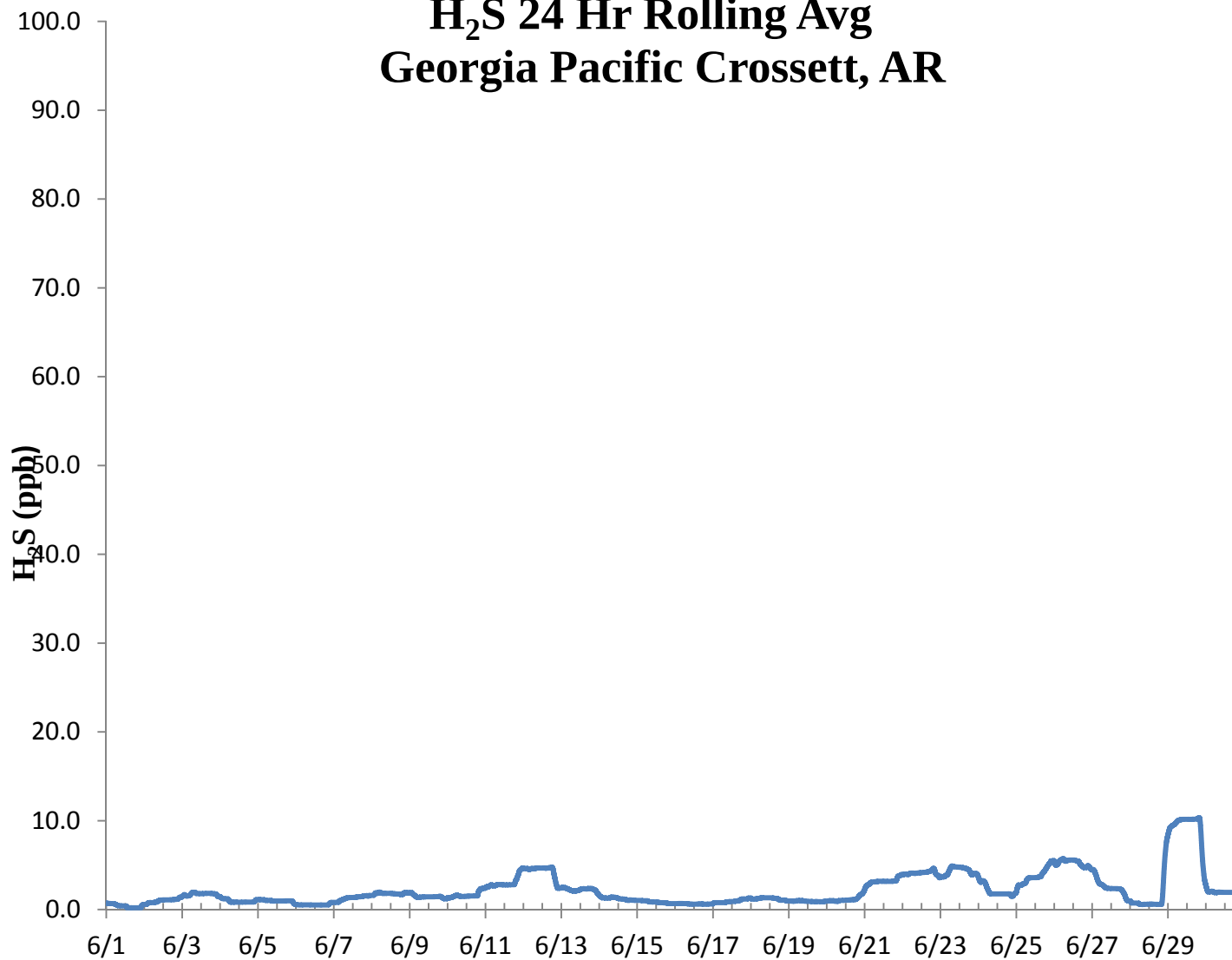
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CC: Becky Keough, ADEQ Director via email: keogh@adeq.state.ar.us
Kara Allen, Environmental Engineer, USEPA Region 6 via email Allen.Kara@epa.gov





H₂S 24 Hr Rolling Avg Georgia Pacific Crossett, AR



Percent Differences

The graph displays the percent difference between two methods across 30 trials. The y-axis is labeled from -15.0 to 15.0 in increments of 5.0. The data points, represented by blue diamonds, are consistently clustered around a value of 2.5%, with most points falling between 1.5% and 3.5%. There is one notable outlier at trial 17, where the percent difference drops to approximately -2.5%.

Trial	Percent Difference
1	0.5
2	1.5
3	2.5
4	2.0
5	1.5
6	2.5
7	2.5
8	2.5
9	2.5
10	2.5
11	2.5
12	2.5
13	2.5
14	2.5
15	2.5
16	2.5
17	-2.5
18	2.0
19	2.0
20	2.0
21	2.0
22	2.0
23	2.0
24	2.0
25	2.0
26	2.0
27	2.0
28	2.0
29	2.0
30	2.0

Meteorological Summary

