

GREENHOUSE GAS ANALYZER LONGTERM QA SHEET

Date	Lake_ID	Laser A τ (ringdown time)	Laser B τ (ringdown time)	Plausible Readings (Y/N)?	Screenshots Taken (Y/N)?	Cal check start time	Cal check end time	CH4 reading after 1 minute from standard
7/31/18	SFP	10.60	11.74	Kind of "good"	Y	NA	NA	NA
8/2/18	WPL	10.61	11.74	Y	Y	NA	NA	NA
08/09/18	SFR	10.61	11.74	Y	Y	NA	NA	NA
08/11/18	LGR	10.61	11.74	Y	Y	NA	NA	NA
8/13/18	MMR	10.60	11.74	Y	Y	NA	NA	NA
8/16/18	Laboratory	10.60	11.73	Y	Y	9:40am	9:47pm	CH ₄ = 2.0053 CO ₂ = 401.07
	used Cert Standard							
	uncertainty							
	temperature 22.93							
9/14/18	BAKER	10.60	11.74	Y	Y			
7/26/18	PLR	not recorded	not recorded	Y	N	→ Adjusted Lasers - All in Plausible range.		

Lab Cal
check -
all in
Spec.
8/16/18

2.00 ppm % mole
actual
401.00 ppm % mole
actual