

conditions of GML field installations that collect flask samples.



	Configuration A (Reference State) Sampling system without pump	Configuration B Low Temp High Flow Entire Sampling System	Configuration C High Temp High Flow Entire Sampling System	Configurat High Temp Flow Entire San Syster
Flushing Flow	1 lpm until 3 min prior to sampling	Pumped turned on after previous injection for warm-up 1 Ipm until 3 min prior to sampling	Pumped turned on after previous injection for warm-up 1 Ipm until 3 min prior to sampling	1 lpm
Sampling Flow	4 lpm, 3 minutes prior to, and during sampling	4 lpm, 3 minutes prior to and during sampling 1 lpm after sampling	4 lpm, 3 minutes prior to and during sampling 1 lpm after sampling	1 lpm
Back Pressure	7 psi for entire time	7 psi for entire time	30 psi for entire time	30 psi for e time

Characterizing Influence of PTFE-coated Neoprene Pump Diaphragm Material on Trace Gas Measurements

Kyle Petersen^{1,2}, Scott Clingan^{1,2}, Isaac Vimont², Stephen Montzka², Molly Crotwell^{1,2}, Brad Hall² ¹-CIRES, University of Colorado, Boulder, USA; ²-NOAA/ESRL/GML, Boulder, USA

- Continue to monitor mole fractions at site of installation for any abrupt changes.





H1211	HCFC141b	HCFC142b	HCFC21	
No statistical impact				
		Mixed Resu	lts <mark>en la </mark>	
change on al	I runs (enhanceme	ent or degradatio	on)	