GALSON

This should NOT be used as a Chain of Custody

Laboratory Pump Calibration Data

Prep #:

a Dry-Cal.

imp Calibration	Record:			PSY450597	Page1 of1
Date: 10/30/1 Pump Numbe	7 If Aircheck Battery er Number	Calibrated By: mg (initials) TSI Primary Calibrator	Type of Media and/or Method	Not recommended Post-Calibrated By: / (initials and date) TSI Primary Calibrator	Average of Pre- and Post- reading
PG222	2		UW 5UM PVC 2PC		
PG151	3	2.005	UW 5UM PVC 2		
PG123	3	1.995	11W 5L PVC 2PC		
PG169)	2.000	UN UM C		
PG385		1.995			

All pumps are calibrated with a TSI Primary Calibrator unless otherwise specified.

Postcal: Place the red Post Calibration Required sticker on any pumps that require Post Calibration. Post calibrations performed by SGS Galson Laboratories are a verification of pump operation only. Pumps post calibrated by SGS Galson Laboratories are not performed with the sampling matrix in line and may not account for loss of pressure during sampling.

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Field Pump Data Sheet

Facility:	acility: Employee		Employee:				_	Job Title:				_
Address: ID Numbe		ID Number:				_	Date Of S	Sampling:			_	
			Sampled By:				_					
Field Sampling Data						Contaminant(s)						
	Sample ID	Sample Media (PW PVC, etc.)	Pump Number	Rotameter Number	Pre-Sample Flow Rate (LPM) *1 or *2	Time On	Time Off	Duration (mins.)	Post-Sample Flow Rate (LPM) *1	Average of Pre- and Post- Sample Flow Rates	Adjusted (TRUE) Flow Rate (see sample *3)	Final (TRUE) Air Volume (in Liters) (Duration times TRUE Flow Rate)
*Con	nplete row	per samp	le									
						$\overline{(n)}$						

*1 Flow Rate as indicated on Rotameter *2 Or use results on Page 1, 3rd column

*3 SAMPLE: If the Pre-Sample Flow Rate was 2.00 LPM, and the Post-Sample Flow Rate was 2.1 LPM and the Rotameter's Correction Formula was "Y= 0.93 X +0.142",

(This is a an example formula ONLY, please use formula on supplied rotameter)

CALCULATE as such: 2.00 + 2.1 divided by 2. Plug THAT figure (2.05) into the formula as "X": 0.93 times 2.05 + 0.142. The result (in this case): 2.0485 Liters per minute.

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