

1.02 Spring Water Monitoring - Flow (CFS) Field Sheet

(updated 3/24/2015)

Survey
Month _____
Date _____

Observer(s) _____

*Due to the nature of the calculations/data entry and its relation to flume size, each spring's data **MUST BE ENTERED INTO THE CORRECT CORRESPONDING DATA BOX** - otherwise the wrong (D) and (W) values may get entered into the database resulting in incorrect CFS totals. **DO NOT just cross out and switch names.***

FLUME	HISTORICAL FLUME METHOD		FLOW PROBE METHOD (40-sec ave. per point)*			
	Depth (ft)	CFS	Point	Dist. (D) from L.B. (ft)	WIDTH (W)	Flow Probe AV. F1/S
North Spring 24"			LB	0	0.5	
	Comments:		A	1	1	
			B	2	1	
			RB	3	0.5	
Walter Spring 3"			LB	0	0.1458	
	Comments:		A	0.292 (3.5 in)	0.2917	
			RB	0.583 (7 in)	0.1458	
Middle Spring 24"			LB	0	0.5	
	Comments:		A	1	1	
			B	2	1	
			RB	3	0.5	
Lost Spring 9"			LB	0	0.3125	
	Comments:		A	0.625 (7.5 in)	0.625	
			RB	1.25 (15 in)	0.3125	
South Spring 24"			LB	0	0.5	
	Comments:		A	1	1	
			B	2	1	
			RB	3	0.5	
Percy Spring 9"			LB	0	0.3125	
	Comments:		A	0.625 (7.5 in)	0.625	
			RB	1.25 (15 in)	0.3125	
Thomas Spring 12"			LB	0	0.5	
	Comments:		A	1	1	
			RB	2	0.5	
House Spring 6"			LB	0	0.25	
	Comments:		A	0.50	0.25	
			RB	1	0.25	

*For accurate measures, manually remove any vegetation growing in/at the flume at measurement sites before sampling.