

9-275-I	07/08/09	U.S. DEPARTMENT OF THE INTERIOR U.S. Geological Survey				Meas. No.	
Station Number		ADCP Discharge Measurement Notes				Processed by	PSB
						Checked by	
Station Name		Inflow of Large Branch					
Date	May 19, 2011	Party	PSB Brawlin bcl (Gachin)				
Width	Area / Rated Area	Velocity	Index	Gage Height	Discharge		
					61,100		
Gage Height Change		Meas. plots	From rating	Indicated Shift	ADCP Sync'd to WT		
in hrs.		% diff	No.:		Y at ___ or N		
ADCP Mfr / Model / Frequency			Serial No.	Firmware	Software		
Sontek M9			1133				
Boat/Motors Used		GPS Used	ADCP Depth	Diag. Test / Errors?			
tether off of boat		Yes	124	<input type="checkbox"/> Y or N			
Compass Calib. & Total Error		Mag. Var	MagVar Method		Moving Bed?		
<input checked="" type="radio"/> or N			On-site Model Previous		Y or N		
Meas. Water Temp		ADCP Water Temp	Weather / Air Temp		Wind Speed / Dir.		
°F / C at		°F / C at	°F / C				
Gage Readings					Site Conditions		
Time	Start End	Primary reference			Max Water Depth		
					Max Water Speed		
1024	(S)				Max Boat Speed		
					Water Mode		
					Bottom Mode		
1215	(e)				Streambed material		
					Salinity		
					ppt at		
Weighted MGH					Checkbar found		
GH corrections					Checkbar changed to:		
Correct MGH					at		
Wading, cable, ice, boat, upstr., downstr., side bridge				ft., mi. upstr., downstr. of gage			
Measurement rated:		excellent (2%), good (5%), fair (8%), poor (>8%)			based on following conditions		
Flow	Measured inside of lower branch						
Cross section:							
Control:							
Gage operating:	Y or N	Record removed:	Y or N	Filename:			
Battery voltage	V	Intakes/Orifice cleaned/purged:					
Bubble-gage psi:	Tank	Line	Bubble rate	/ min			
Extreme-GH indicators:	Max	Min	CSG Checked	Y or N			
HWM on stick	Ref elev.	HWM elevation					
GH of zero flow = GH	- depth at control	=	ft.	Uncertainty	±		
Sheet No.				of	sheets		

Acoustic Profiler Discharge Measurement Notes						Filename Prefix:	
Left Bank:	Sloping    Vertical    Other: _____					Right Bank:	Sloping    Vertical    Other: _____
Transect No.	Starting		Ending		Total Discharge	Notes	
	Bank	Time	Distance	Distance			Time
	L R						
	L R						
	L R						
	L R						
	L R						
	L R						
	L R						
	L R						
	L R						
	L R						
	L R						
	L R						
	L R						
	L R						
Notes							