



[illegible]

Notes:

Station Number:  
Station Name: Inflow at Bird Point Levee

Meas. No: 8  
Date: 05/16/2011

Party: wfk, sat	Width: 8,400 ft	Processed by: wfk
Boat/Motor: 513	Area: 52,700 ft²	Mean Velocity: 2.43 ft/s
Gage Height: 0.00 ft	G.H.Change: 0.000 ft	Discharge: 128,000 ft³/s

Area Method: Avg. Course	ADCP Depth: 0.420 ft	Index Vel.: 0.00 ft/s	Rating No.: 1
Nav. Method: Bottom Track	Shore Ens.:10	Adj.Mean Vel: 0.00 ft/s	Qm Rating: U
MagVar Method: Model (-1.4°)	Bottom Est: Power (0.1667)	Rated Area: 0.000 ft²	Diff.: 0.000%
Depth Sounder: Not Used	Top Est: Power (0.1667)	Control1: Unspecified	
		Control2: Unspecified	
		Control3: Unspecified	

Screening Thresholds:		ADCP:
BT 3-Beam Solution: YES	Max. Vel.: 14.8 ft/s	Type/Freq.: Rio Grande/1200 kHz
WT 3-Beam Solution: NO	Max. Depth: 38.4 ft	Serial #: 5954      Firmware: 10.16
BT Error Vel.: 0.33 ft/s	Mean Depth: 6.27 ft	Bin Size: 12 cm      Blank: 25 cm
WT Error Vel.: 3.50 ft/s	% Meas.: 56.07	BT Mode: 5      BT Pings: 1
BT Up Vel.: 1.00 ft/s	Water Temp.: 63.5 °F	WT Mode: 12      WT Pings: 1
WT Up Vel.: 11.00 ft/s	ADCP Temp.: 65.4 °F	WV : 335      WO : 1, 4
Use Weighted Mean Depth: YES		

Performed Diag. Test: YES  
Performed Moving Bed Test: YES  
Performed Compass Test: YES  
Meas. Location: inflow

Project Name: inflow\_8.mmt  
Software: 2.07

Tr.#		Edge Distance		#Ens.	Discharge						Width	Area	Time		Mean Vel.		% Bad	
		L	R		Top	Middle	Bottom	Left	Right	Total			Start	End	Boat	Water	Ens.	Bins
001	R	20	20	1737	33910	73345	20672	332	661	128920	8401	54419	14:25	15:13	3.36	2.37	17	12
002	L	20	10	2015	35013	70286	21486	223	219	127227	8407	50938	15:13	16:09	2.95	2.50	16	13
Mean		20	15	1876	34462	71815	21079	278	440	128073	8404	52678	Total	01:43	3.16	2.43	16	13
SDev		0	7	197	780	2163	576	77.7	313	1197	4.6	2461.3			0.29	0.09		
SD/M		0.00	0.47	0.10	0.02	0.03	0.03	0.28	0.71	0.01	0.00	0.05			0.09	0.04		

Remarks:

Inflow\_8\_000\_11-05-16\_LBT\_ASC20110516.1cf

LC Version 1.60, September 26, 2008

Processed on: 16-May-2011

Loop File: Inflow\_8\_000\_11-05-16\_LBT\_ASC.TXT

Distance Made Good (ft)	Loop Time (sec)	Moving Bed Velocity (ft/s)	Moving Bed Direction (degrees)	Flow Direction (degrees)	Estimated Percent Correction (percent)
139.59	4473.71	0.03	92.80	250.16	1.31

Percent Bad Bottom Track: 18.5

WARNING: Percentage of bad bottom track values exceeds 5.  
Loop may not be accurate. Please review data.

Difference in flow direction between out and back sections: 5.9 deg

WARNING: Difference in flow direction between out and back sections of  
loop exceeds 5 degrees. This may indicated an inaccurate compass  
and the loop may not be accurate. Please review data.

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Moving Bed Vel. (MBV) < Minimum MBV Criteria -- No Correction Recommended

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