

Ck'd by CBR

Profiler S/N: 5954 Mfr: RDI Freq. 1200 Firmware: 10.16 Software Ver. 2.0

Mag. Var. 1) -1.4 2) _____ 3) _____ 4) _____ Avg: _____ Comp. Cal.: 1.5 / no var

Correct _____

GH of zero flow = GH _____ - depth at control _____ = _____ ft, rated _____

Station Number:

Meas. No: 6

Station Name: Inflow at Bird Point Levee

Date: 05/14/2011

Party: wfk, sat

Width: 8,520 ft

Processed by: wfk

Boat/Motor: 513

Area: 71,700 ft²

Mean Velocity: 2.77 ft/s

Gage Height: 0.00 ft

G.H.Change: 0.000 ft

Discharge: 198,000 ft³/s

Area Method: Avg. Course

ADCP Depth: 0.420 ft

Index Vel.: 0.00 ft/s

Rating No.: 1

Nav. Method: DGPS

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:

BT 3-Beam Solution: YES

Max. Vel.: 11.9 ft/s

ADCP: Type/Freq.: Rio Grande/1200 kHz

WT 3-Beam Solution: NO

Max. Depth: 50.7 ft

Serial #: 5954

Firmware: 10.16

BT Error Vel.: 0.33 ft/s

Mean Depth: 8.43 ft

Bin Size: 25 cm

Blank: 25 cm

WT Error Vel.: 3.50 ft/s

% Meas.: 55.17

BT Mode: 5

BT Pings: 1

BT Up Vel.: 1.00 ft/s

Water Temp.: None

WT Mode: 12

WT Pings: 1

WT Up Vel.: 15.00 ft/s

ADCP Temp.: 18.4 °C

WV : 347

WO : 3, 7

Use Weighted Mean Depth: YES

Performed Diag. Test: YES

Project Name: Inflow_6.mmt

Performed Moving Bed Test: NO

Software: 2.07

Performed Compass Test: YES

Meas. Location: inflow

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
000	R	10	10	3689	52994	105392	38218	90.3	5.47	196700	8666	67484	09:04	09:50	3.53	2.91	2	0
001	L	10	10	5094	47603	112834	38070	35.8	293	198837	8380	75970	10:03	11:07	2.65	2.62	2	1
Mean		10	10	4391	50298	109113	38144	63.1	149	197768	8523	71727	Total	02:03	3.09	2.77	2	1
SDev		0	0	993	3812	5262	105	38.5	203	1511	202.1	5999.9			0.62	0.21		
SD/M		0.00	0.00	0.23	0.08	0.05	0.00	0.61	1.36	0.01	0.02	0.08			0.20	0.08		

Remarks:

Station Number:
Station Name: Inflow at Bird Point Levee

Meas. No: 6
Date: 05/14/2011

Party: wfk, sat	Width: 8,510 ft	Processed by: wfk
Boat/Motor: 513	Area: 72,000 ft²	Mean Velocity: 2.74 ft/s
Gage Height: 0.00 ft	G.H.Change: 0.000 ft	Discharge: 196,000 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.: 11.9 ft/s	Type/Freq.: Rio Grande/1200 kHz
WT 3-Beam Solution: NO	Max. Depth: 50.7 ft	Serial #: 5954 Firmware: 10.16
BT Error Vel.: 0.33 ft/s	Mean Depth: 8.47 ft	Bin Size: 25 cm Blank: 25 cm
WT Error Vel.: 3.50 ft/s	% Meas.: 55.17	BT Mode: 5 BT Pings: 1
BT Up Vel.: 1.00 ft/s	Water Temp.: 64.0 °F	WT Mode: 12 WT Pings: 1
WT Up Vel.: 15.00 ft/s	ADCP Temp.: 65.1 °F	WV : 347 WO : 3, 7
Use Weighted Mean Depth: YES		

Performed Diag. Test: YES
Performed Moving Bed Test: NO
Performed Compass Test: YES
Meas. Location: inflow

Project Name: Inflow_6.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
000	R	10	10	3689	53923	109024	39347	110	5.72	202410	8619	67590	09:04	09:50	3.52	3.00	11	0
001	L	10	10	5094	45939	107715	36481	21.2	289	190445	8393	76348	10:03	11:07	2.67	2.49	7	1
Mean		10	10	4391	49931	108370	37914	65.4	147	196428	8506	71969	Total	02:03	3.09	2.74	9	1
SDev		0	0	993	5646	926	2026	62.6	200	8460	160.1	6192.7			0.60	0.35		
SD/M		0.00	0.00	0.23	0.11	0.01	0.05	0.96	1.36	0.04	0.02	0.09			0.19	0.13		

Remarks: