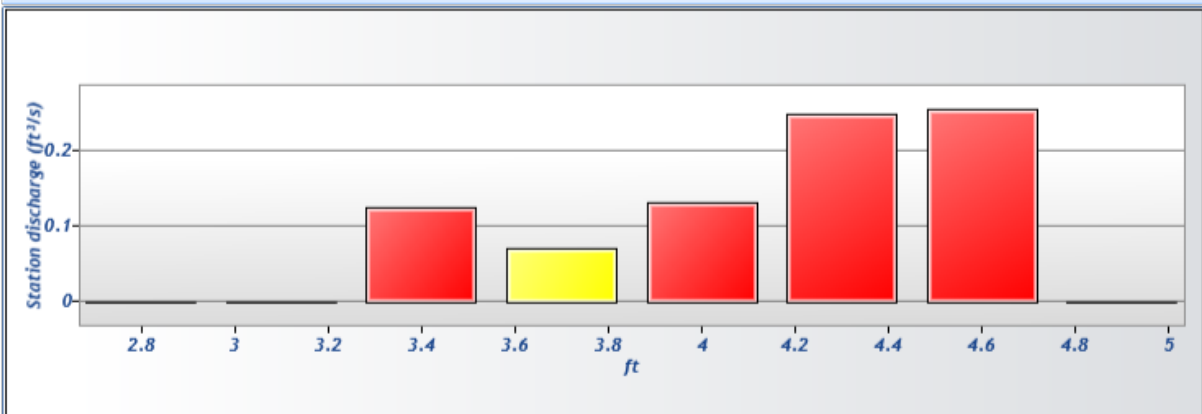




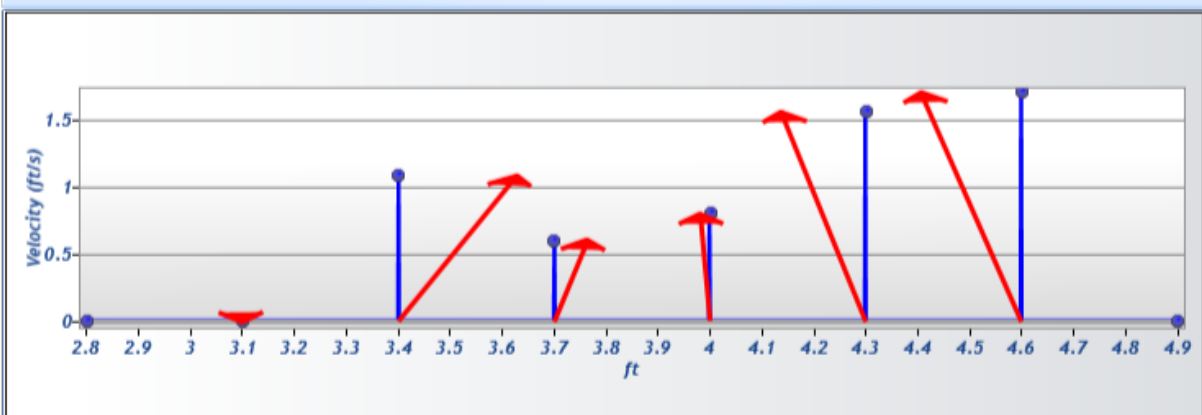
Discharge Measurement Summary

File Information		Discharge Summary	
File name	ABRAMSD5_20190828-112354.ft	Start time	8/28/2019 11:12:39 AM
Start date and time	8/28/2019 11:11 AM	End time	8/28/2019 11:20:17 AM
Calculations engine	FlowTracker2	# Stations	8
Data collection mode	Discharge	Avg interval	40
		Mean depth	0.377 ft
		Mean velocity	1.0469 ft/s
		Total width	2.100 ft
		Mean SNR	48 dB
		Total area	0.7920 ft²
		Mean temp	43.494 °F
		Total discharge	0.8291 ft³/s
System Information		Site Details	
Sensor type	Top Setting	Site name	ABRAMSD5
Handheld serial number	FT2H1747037	Site number	002
Probe serial number	FT2P1747048	Operator(s)	Jack Landers
Probe firmware	1.23	Comment	Abrams Creek Gage
Handheld software	1.4		
Discharge Uncertainty		Discharge Settings	
Category	ISO	Discharge equation	Mid Section
Accuracy	1.0%	Discharge uncertainty	IVE
Depth	0.7%	Discharge reference	Rated
Velocity	1.3%		
Width	0.2%		
Method	3.7%		
# Stations	6.6%		
Overall	7.8%		
	20.5%		
Station Warning Settings		Summary overview	
Station discharge caution	5.00 %	No changes were made to this file Quality control warnings	
Station discharge warning	10.00 %		
Maximum depth change	50.00 %		
Maximum spacing change	100.00 %		
		Data Collection Settings	
		Salinity	0.000 PSS-78
		Temperature	°F
		Sound speed	ft/s
		Mounting correction	0.00 %
		Quality Control Settings	
		SNR threshold	10 dB
		Standard error threshold	0.0328 ft/s
		Spike threshold	10.00 %
		Maximum velocity angle	20.0 deg
		Maximum tilt angle	5.0 deg

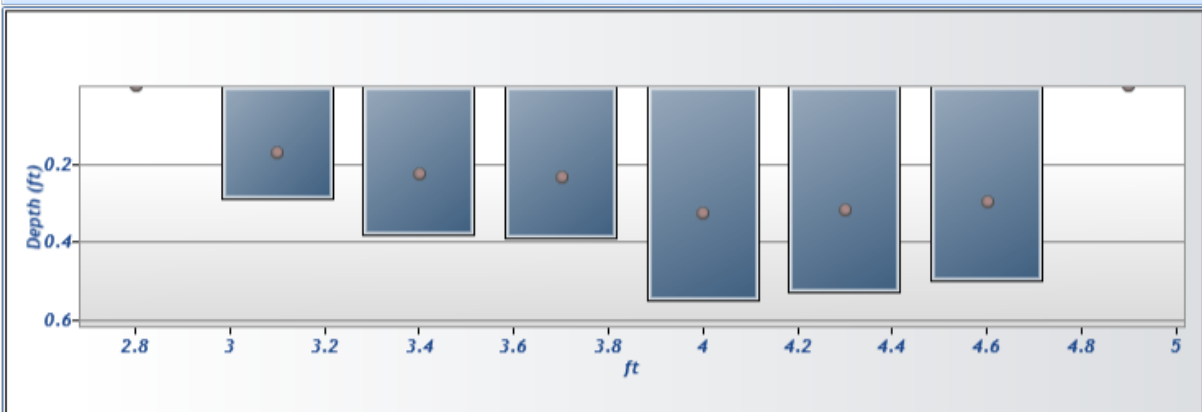
Discharge chart



Velocity chart



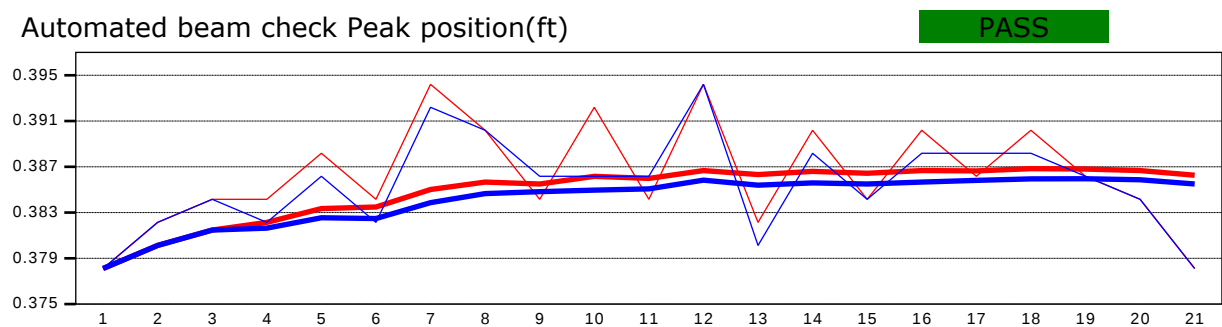
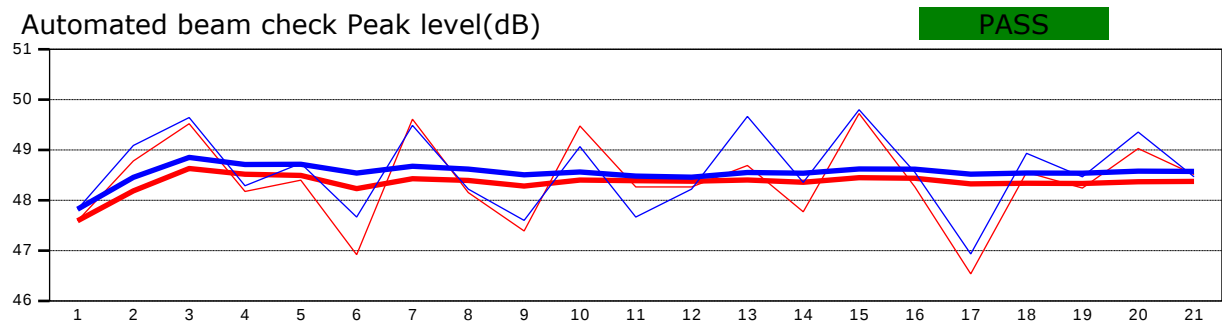
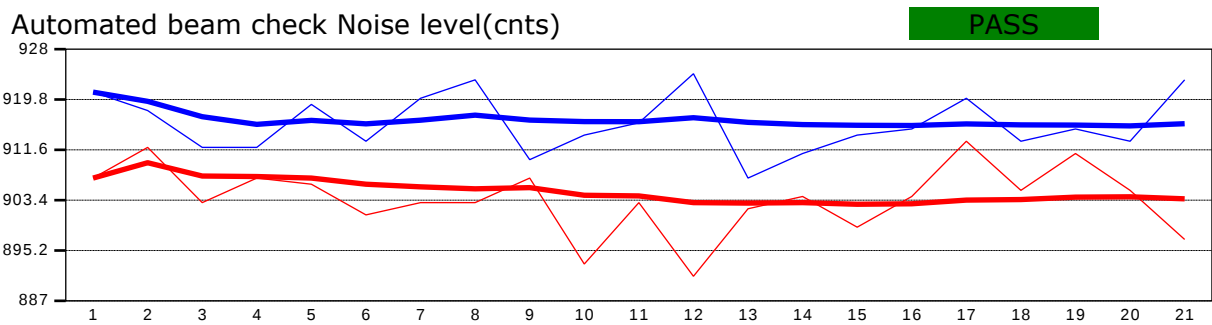
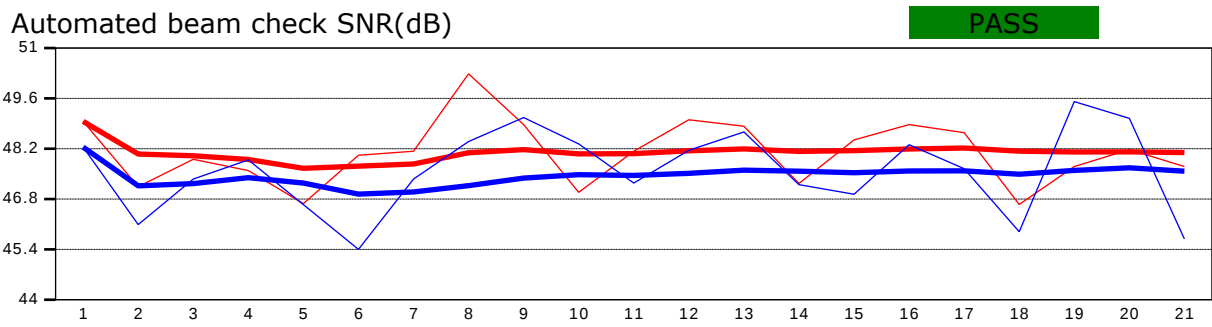
Depth chart



Measurement results														
St#	Time	Location (ft)	Method	Depth (ft)	%Depth	Measured Depth (ft)	Samples	Velocity (ft/s)	Correction	Mean Velocity (ft/s)	Area (ft ²)	Flow (ft ³ /s)	%Q	
0	11:12 AM	2.800	None	0.000	0.0000	0.000	0	0.0000	1.0000	-0.0024	0.0000	0.0000	0.00	✓
1	11:12 AM	3.100	0.6	0.290	0.6000	0.174	80	-0.0024	1.0000	-0.0024	0.0870	-0.0002	-0.03	✓
2	11:14 AM	3.400	0.6	0.380	0.6000	0.228	80	1.0874	1.0000	1.0874	0.1140	0.1240	14.95	✓
3	11:15 AM	3.700	0.6	0.390	0.6000	0.234	80	0.6003	1.0000	0.6003	0.1170	0.0702	8.47	✓
4	11:16 AM	4.000	0.6	0.550	0.6000	0.330	80	0.8006	1.0000	0.8006	0.1650	0.1321	15.93	✓
5	11:18 AM	4.300	0.6	0.530	0.6000	0.318	80	1.5582	1.0000	1.5582	0.1590	0.2477	29.88	✓
6	11:19 AM	4.600	0.6	0.500	0.6000	0.300	80	1.7020	1.0000	1.7020	0.1500	0.2553	30.79	✓
7	11:20 AM	4.900	None	0.000	0.0000	0.000	0	0.0000	1.0000	1.7020	0.0000	0.0000	0.00	✓

Quality control warnings							
St#	Time	Location (ft)	Method	Depth (ft)	%Depth	Measure d Depth (ft)	Warnings
2	11:14 AM	3.400	0.6	0.380	0.6000	0.228	Standard Error > QC,High Stn % Discharge
3	11:15 AM	3.700	0.6	0.390	0.6000	0.234	Standard Error > QC
4	11:16 AM	4.000	0.6	0.550	0.6000	0.330	High Stn % Discharge
5	11:18 AM	4.300	0.6	0.530	0.6000	0.318	Standard Error > QC,High Stn % Discharge
6	11:19 AM	4.600	0.6	0.500	0.6000	0.300	High Stn % Discharge

Automated beam check Start time 8/28/2019 11:12:10 AM



Automated beam check Quality control warnings

No quality control warnings