

Montague, MA

Montague, MA

October 2023 Report Submitted to **Montague, MA**
November 6, 2023



ADS ENVIRONMENTAL SERVICES

340 The Bridge Street, Suite 204
Huntsville, AL 35806

800-633-7246
www.adsenv.com



November 6, 2023

Tom Bergeron,
DPW Superintendent
1 Avenue A
Turners Falls MA 01376

SUBJECT: Montague, MA

Dear Mr. Bergeron,

ADS is pleased to submit the report for the Montague, MA completed on behalf of Montague, MA. The metering was conducted at four (4) locations. The study was conducted during the period of Sunday, 01 October 2023 to Tuesday, 31 October 2023.

The report contains depth, velocity, and quantity hydrographs as well as daily long tables for the metering period. An Excel file containing depth, quantity, and velocity entities for the monitoring location in 5-minute format was provided previously.

In addition, we would be happy to further explain any details about the report that may seem unclear. Project Manager, Project Manager, Scott Neesen at 603.484.0186

It has been our pleasure to be of service to you in the performance of this project. Thank you for choosing ADS products and services to meet your flow monitoring needs.

Sincerely,

ADS ENVIRONMENTAL SERVICES

Melissa Hygom
Senior Hydraulic Data Analyst, Congers, NY

Sunday, 01 October 2023 to Tuesday, 31 October 2023



Montague, MA

Prepared For:

Tom Bergeron,
DPW Superintendent
1 Avenue A
Turners Falls MA 01376

Prepared By:



ADS, LLC
340 The Bridge Street, Suite 204
Huntsville, AL 35806

Table of Contents

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7th_L_CSO

Site Commentary

SITE INFORMATION

Pipe	Round (14.25 in H)
Silt	0.00 (in)

OBSERVATIONS

Average flow depth, velocity, and quantity data observed during **Sunday, 01 October 2023 to Tuesday, 31 October 2023**, along with observed minimum and maximum data, are provided in the following table.

ZERO (0) OVERFLOWS RECORDED DURING THE OCTOBER 2023 METERING PERIOD

Observed Flow Conditions		
Item	DFINAL (in)	VFINAL (ft/s)
Average	1.66	1.63
Minimum	1.21	0.00
Maximum	7.48	11.39
Min Time	10/28/2023 3:20:00 AM	10/31/2023 4:35:00 AM
Max Time	10/07/2023 9:25:00 PM	10/21/2023 11:55:00 AM

Based upon the quality and consistency of the observed flow depth and velocity data, the Continuity equation was used to calculate flow rate and quantities during the monitoring period.

Values in the Observed Flow Conditions are based on the five minute average.

Values in the graphical reports are based on the fifteen minutes average.

Values in the tabular report are based on the five minute average.

DATA UPTIME

Data uptime observed during **Sunday, 01 October 2023 to Tuesday, 31 October 2023** is provided in the following table:

Percent Uptime	
DFINAL (in)	100
VFINAL (ft/s)	100

Hydrograph Report

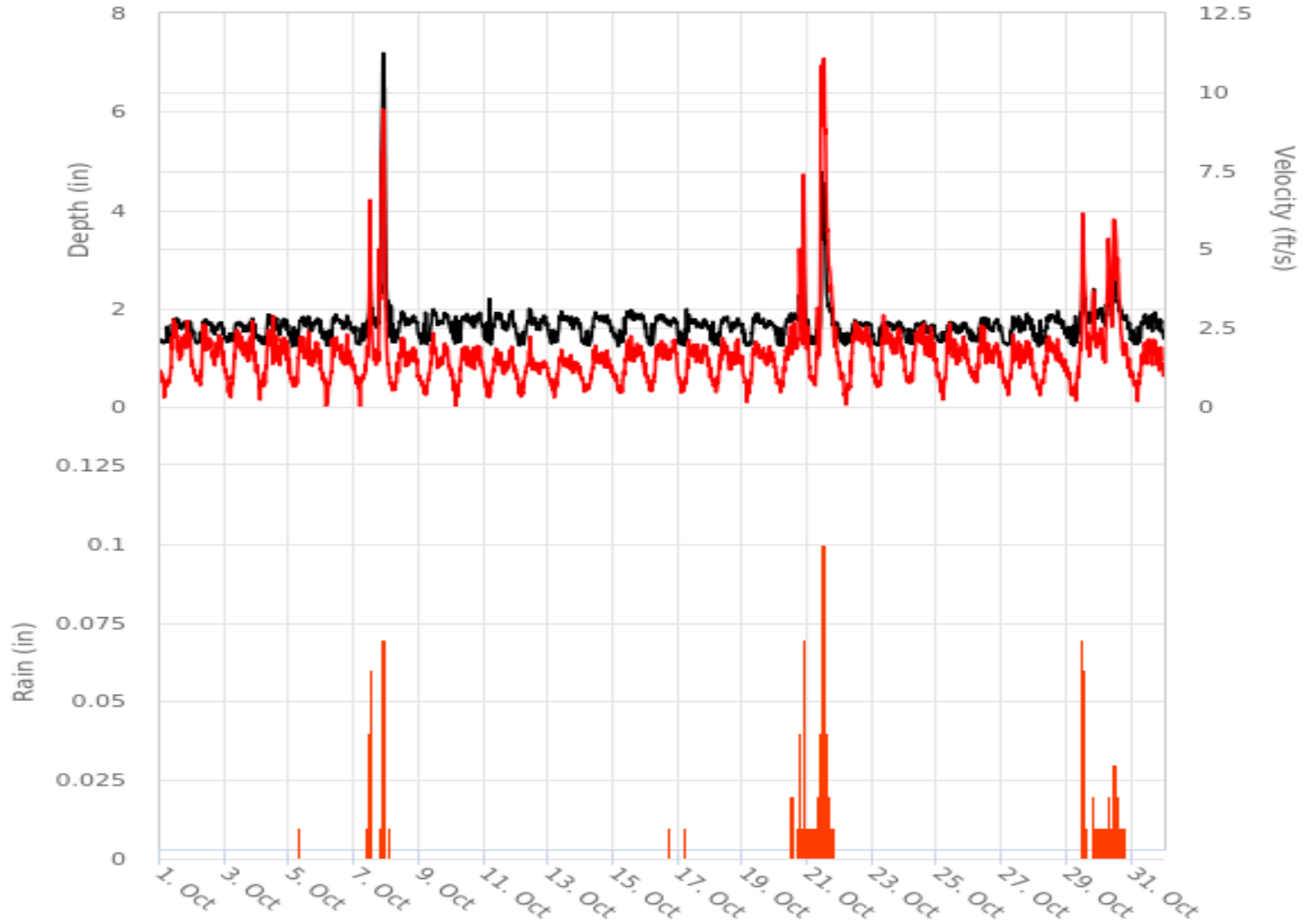
7th_L_CSO

Flow Monitor
7th_L_CSO

Pipe Height
14.25
in

Report Period
10/01/2023
To
10/31/2023

Legend
— DFINAL
— Rain
— VFINAL



Scattergraph Report

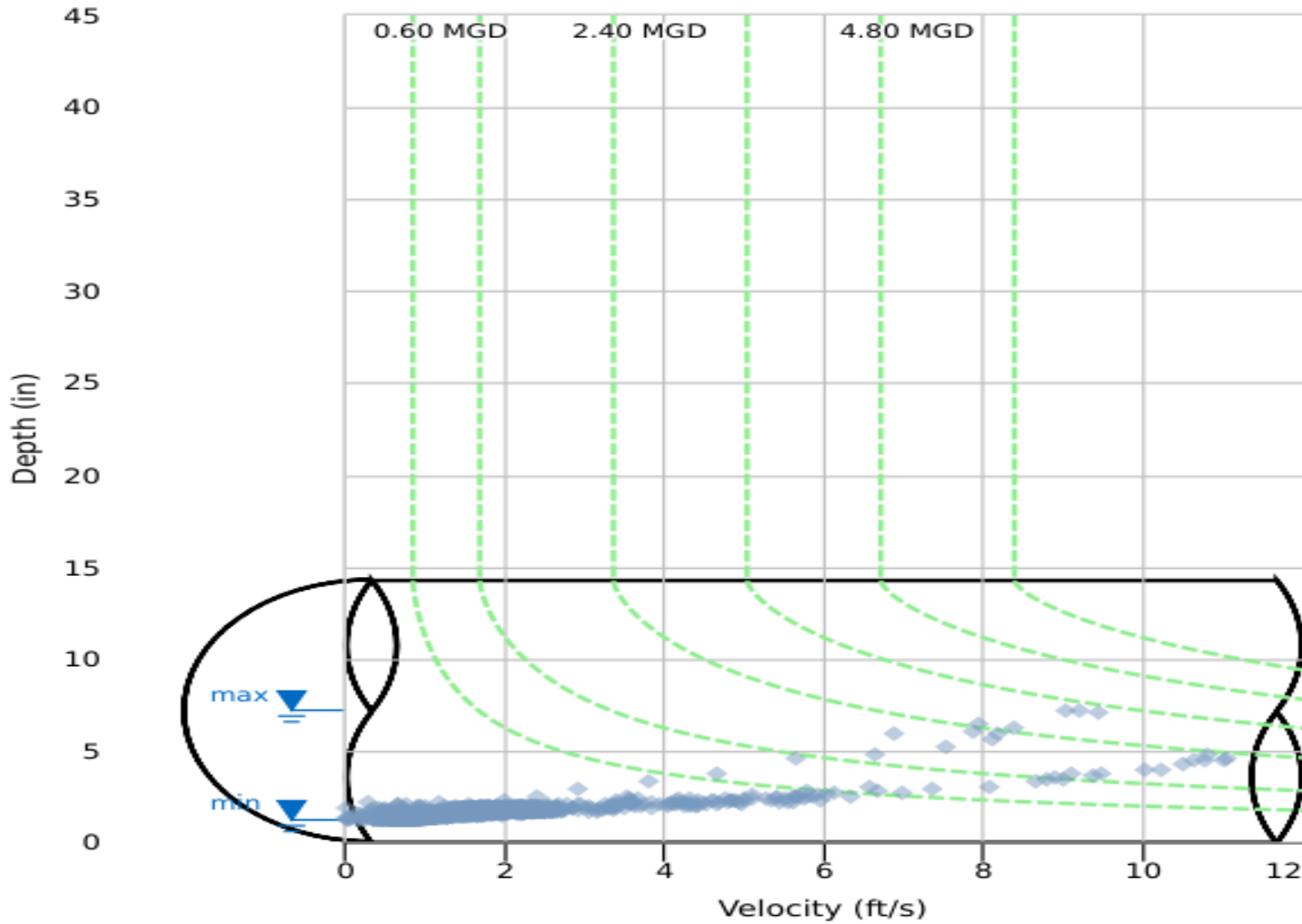
7th_L_CSO

Flow Monitor
7th_L_CSO

Pipe Height
14.25
in

Report Period
10/01/2023
To
10/31/2023

Legend
○ DFINAL - VFINAL
- Iso-Q™
▼ Min-Max Depth



Daily Tabular Report

10/01/2023 00:00 - 10/31/2023 23:59

7th_L_CSOPipe: Round (14.25 in H), Silt0.00 in

Date	DFINAL (in)					VFINAL (ft/s)					Rain (in)
	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Total
10/01/2023	02:25	1.28	12:35	1.81	1.57	02:45	0.00	19:55	3.17	1.64	-
10/02/2023	04:00	1.28	07:50	1.79	1.55	05:35	0.64	07:50	3.02	1.63	-
10/03/2023	04:30	1.29	19:50	1.80	1.56	02:45	0.00	20:00	3.20	1.59	-
10/04/2023	03:50	1.25	08:05	1.90	1.58	02:05	0.00	12:00	3.09	1.57	-
10/05/2023	02:30	1.22	09:35	1.86	1.60	04:15	0.52	13:45	2.98	1.49	0.01
10/06/2023	03:10	1.22	10:05	1.90	1.61	02:40	0.00	18:15	2.55	1.39	-
10/07/2023	04:05	1.25	21:25	7.48	2.32	04:00	0.00	21:05	9.55	2.65	0.92
10/08/2023	06:45	1.25	01:20	2.18	1.70	04:15	0.45	11:15	2.39	1.33	0.01
10/09/2023	05:55	1.26	03:45	2.46	1.66	04:40	0.00	10:40	2.41	1.30	-
10/10/2023	02:40	1.27	03:40	2.19	1.68	01:15	0.00	16:00	2.07	1.30	-
10/11/2023	05:05	1.24	03:55	2.76	1.68	02:00	0.00	20:40	1.98	1.20	-
10/12/2023	02:05	1.24	09:30	2.04	1.63	02:05	0.00	10:15	2.35	1.14	-
10/13/2023	02:05	1.27	09:20	1.95	1.65	03:55	0.00	09:20	1.97	1.16	-
10/14/2023	05:25	1.24	04:05	1.95	1.61	02:00	0.00	10:35	1.98	1.21	-
10/15/2023	03:50	1.21	13:05	1.97	1.67	04:45	0.38	12:50	2.33	1.35	-
10/16/2023	03:35	1.24	04:15	2.20	1.64	03:05	0.47	08:05	2.31	1.46	0.01
10/17/2023	04:35	1.24	06:15	2.62	1.61	02:25	0.00	08:00	2.27	1.41	0.01
10/18/2023	05:50	1.25	01:30	1.89	1.60	04:10	0.37	19:55	3.09	1.40	-
10/19/2023	03:10	1.23	09:25	1.93	1.60	02:45	0.00	09:25	2.20	1.40	-
10/20/2023	05:25	1.24	20:50	2.94	1.72	03:55	0.45	20:50	7.54	2.06	0.46
10/21/2023	04:30	1.26	10:10	4.96	2.04	05:35	0.63	11:55	11.39	3.61	1.31
10/22/2023	04:05	1.24	10:40	1.83	1.55	04:15	0.00	10:55	2.88	1.66	-
10/23/2023	03:55	1.24	19:35	1.75	1.57	03:50	0.56	08:10	3.15	1.73	-
10/24/2023	05:00	1.27	14:00	1.76	1.54	03:20	0.67	19:10	2.93	1.70	-
10/25/2023	02:20	1.27	09:15	1.76	1.54	02:55	0.00	09:20	2.69	1.52	-
10/26/2023	05:40	1.31	11:10	1.82	1.59	05:05	0.69	08:10	3.31	1.57	-
10/27/2023	04:00	1.25	18:30	1.92	1.58	04:20	0.00	18:25	2.41	1.41	-
10/28/2023	03:20	1.21	04:35	2.10	1.60	02:10	0.00	09:45	2.43	1.37	-
10/29/2023	04:50	1.23	11:55	2.69	1.76	02:55	0.00	11:55	6.20	1.97	0.46
10/30/2023	23:55	1.36	10:50	2.61	1.96	23:50	0.89	10:40	6.05	2.87	0.65
10/31/2023	02:35	1.26	04:40	2.25	1.61	04:30	0.00	16:25	2.24	1.39	-

10/01/2023 00:00 - 10/31/2023 23:59

	DFINAL (in)	VFINAL (ft/s)	Rain (in)
Total			3.84
Average	1.66	1.63	

Ave_A_CSO

Site Commentary

SITE INFORMATION

Pipe	Round (21 in H)
Silt	0.00 (in)

OBSERVATIONS

Average flow depth, velocity, and quantity data observed during **Sunday, 01 October 2023 to Tuesday, 31 October 2023**, along with observed minimum and maximum data, are provided in the following table.

ZERO (0) OVERFLOWS RECORDED DURING THE OCTOBER 2023 METERING PERIOD

Observed Flow Conditions	
Item	DFINAL (in)
Average	3.26
Minimum	2.11
Maximum	16.65
Min Time	10/21/2023 4:20:00 AM
Max Time	10/21/2023 11:05:00 AM

Based upon the quality and consistency of the observed flow depth and velocity data, the Continuity equation was used to calculate flow rate and quantities during the monitoring period.

Values in the Observed Flow Conditions are based on the five minute average.

Values in the graphical reports are based on the fifteen minutes average.

Values in the tabular report are based on the five minute average.

DATA UPTIME

Data uptime observed during **Sunday, 01 October 2023 to Tuesday, 31 October 2023** is provided in the following table:

Percent Uptime	
DFINAL (in)	100

Hydrograph Report

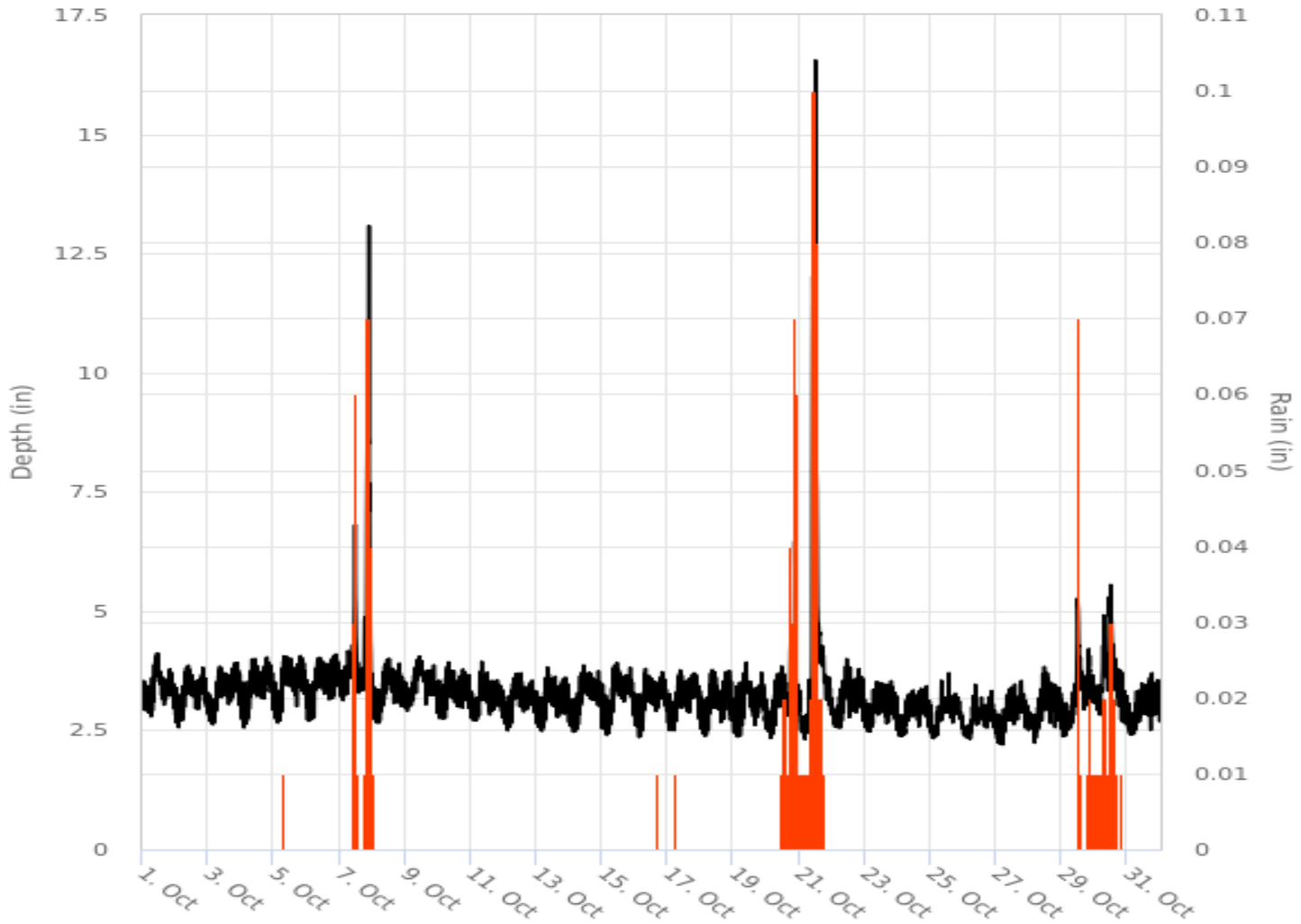
Ave_A_CSO

Flow Monitor
Ave_A_CSO

Pipe Height
21.00
in

Report Period
10/01/2023
To
10/31/2023

Legend
— DFINAL
— Rain
— VFINAL



Daily Tabular Report

10/01/2023 00:00 - 10/31/2023 23:59

Ave_A_CSOPipe: Round (21 in H), Silt0.00 in

Date	Time	DFINAL (in)			Rain (in)	
		Min	Time	Max	Avg	Total
10/01/2023	06:20	2.70	09:55	4.64	3.36	-
10/02/2023	02:35	2.43	07:40	4.49	3.28	-
10/03/2023	03:55	2.52	18:00	4.59	3.34	-
10/04/2023	02:35	2.44	08:00	4.76	3.34	-
10/05/2023	04:35	2.57	07:35	4.71	3.48	0.01
10/06/2023	03:25	2.57	11:25	4.96	3.55	-
10/07/2023	02:55	2.59	21:30	16.53	4.41	0.92
10/08/2023	04:05	2.52	09:35	4.59	3.37	0.01
10/09/2023	00:55	2.67	11:25	4.83	3.49	-
10/10/2023	04:45	2.62	22:50	4.63	3.27	-
10/11/2023	04:25	2.60	08:05	4.64	3.13	-
10/12/2023	03:10	2.40	09:10	4.48	3.17	-
10/13/2023	04:10	2.45	21:20	4.41	3.11	-
10/14/2023	04:10	2.41	10:40	4.67	3.22	-
10/15/2023	04:40	2.34	10:50	4.59	3.21	-
10/16/2023	04:20	2.28	19:50	4.50	3.15	0.01
10/17/2023	02:20	2.31	08:35	4.48	3.19	0.01
10/18/2023	03:05	2.24	08:30	4.50	3.13	-
10/19/2023	02:55	2.26	11:25	4.34	3.06	-
10/20/2023	03:15	2.30	20:50	7.00	3.23	0.46
10/21/2023	04:20	2.11	11:05	16.65	4.35	1.31
10/22/2023	05:10	2.47	12:30	4.50	3.14	-
10/23/2023	02:35	2.44	09:35	4.58	2.99	-
10/24/2023	01:10	2.27	08:00	4.09	2.84	-
10/25/2023	02:20	2.26	13:30	4.42	2.80	-
10/26/2023	05:00	2.25	08:50	3.93	2.74	-
10/27/2023	04:10	2.16	11:55	4.38	2.84	-
10/28/2023	04:25	2.19	11:40	4.67	3.00	-
10/29/2023	00:55	2.22	11:35	5.46	3.30	0.46
10/30/2023	01:30	2.50	10:35	5.79	3.62	0.65
10/31/2023	02:30	2.38	21:10	4.36	2.97	-

10/01/2023 00:00 - 10/31/2023 23:59

	DFINAL (in)	Rain (in)
Total		3.84
Average	3.26	

CSO_ChlorineChamber

Site Commentary

SITE INFORMATION

Pipe	Elliptical (24.38 in H x 24.62 in W)
Silt	0.00 (in)

OBSERVATIONS

Average flow depth, velocity, and quantity data observed during **Sunday, 01 October 2023 to Tuesday, 31 October 2023**, along with observed minimum and maximum data, are provided in the following table.

Zero (0) discharges recorded during the October 2023 metering period.

Observed Flow Conditions			
Item	DFINAL (in)	VFINAL (ft/s)	QFINAL (MGD - Total MG)
Average	0.00	0.00	0.000
Minimum	0.00	0.00	0.000
Maximum	0.00	0.00	0.000
Min Time	10/31/2023 11:55:00 PM	10/31/2023 11:55:00 PM	10/31/2023 11:55:00 PM
Max Time	10/01/2023 12:00:00 AM	10/01/2023 12:00:00 AM	10/01/2023 12:00:00 AM

Based upon the quality and consistency of the observed flow depth and velocity data, the Continuity equation was used to calculate flow rate and quantities during the monitoring period.

Values in the Observed Flow Conditions are based on the five minute average.

Values in the graphical reports are based on the fifteen minutes average.

Values in the tabular report are based on the five minute average.

DATA UPTIME

Data uptime observed during **Sunday, 01 October 2023 to Tuesday, 31 October 2023** is provided in the following table:

Percent Uptime	
DFINAL (in)	100
VFINAL (ft/s)	100
QFINAL (MGD - Total MG)	100

Hydrograph Report

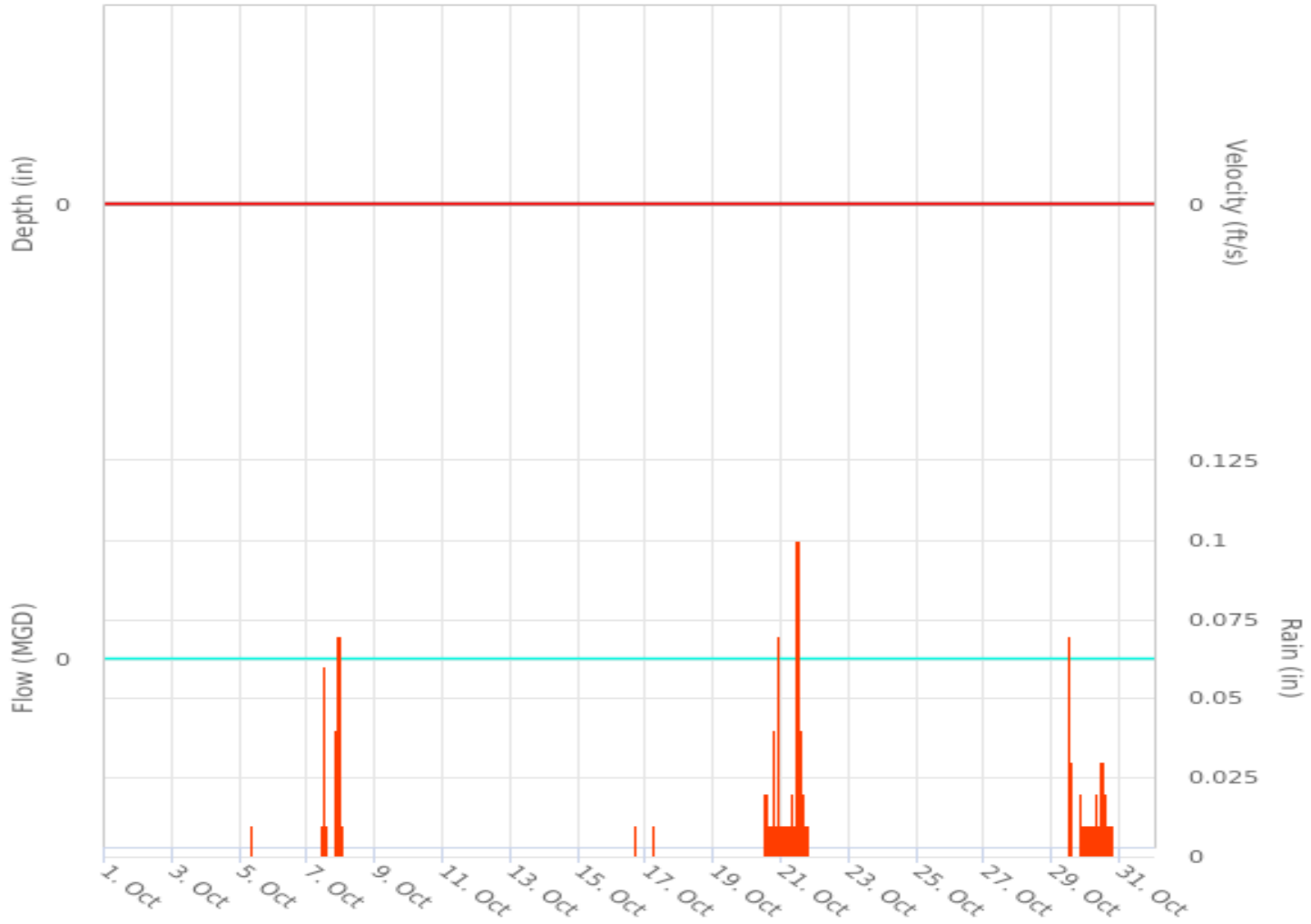
CSO_ChlorineChamber

Flow Monitor
CSO_ChlorineChamber

Pipe Height
24.38
in

Report Period
10/01/2023
To
10/31/2023

Legend
— DFINAL
— Rain
— VFINAL
— QFINAL



Scattergraph Report

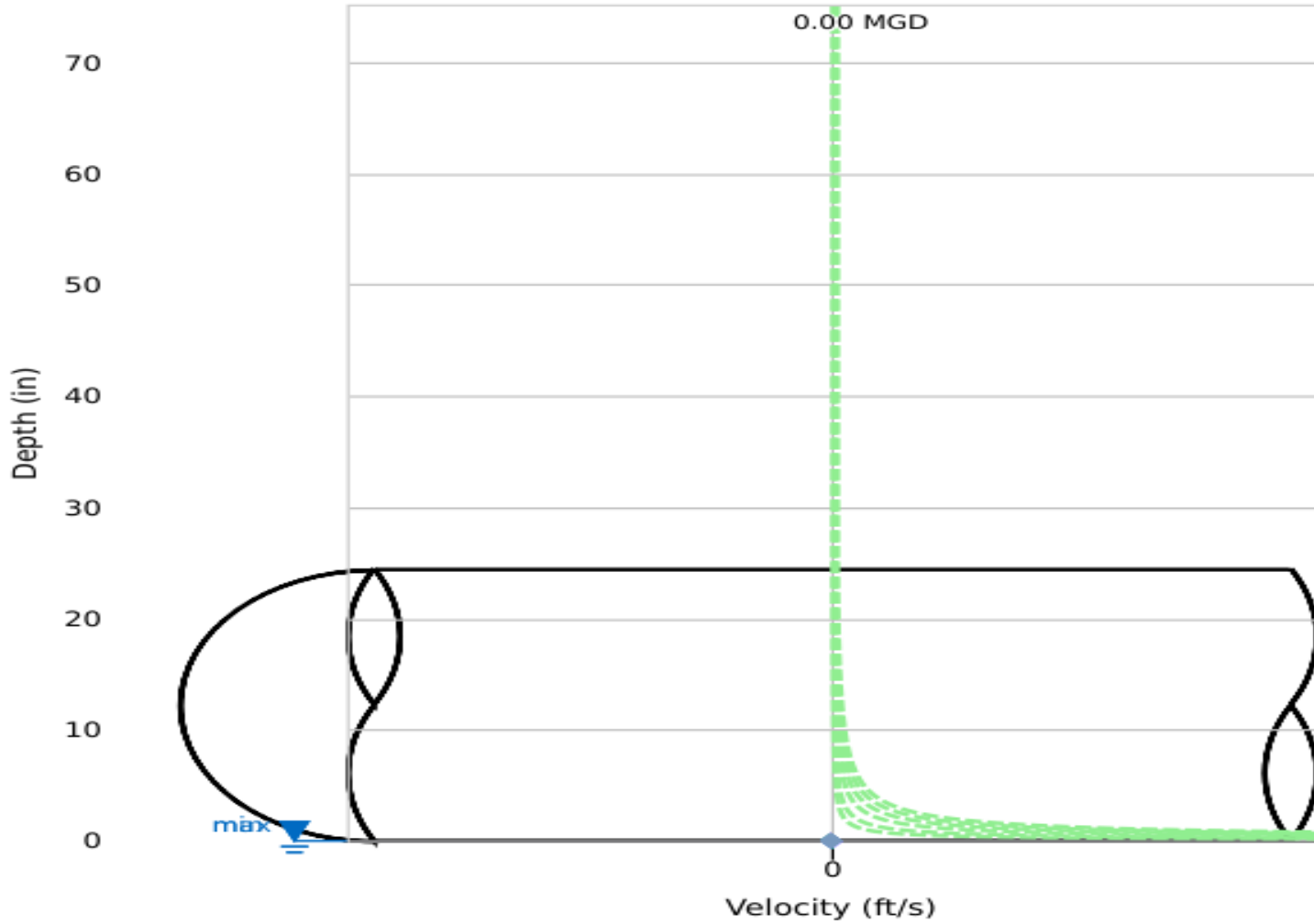
CSO_ChlorineChamber

Flow Monitor
CSO_ChlorineChamber

Pipe Height
24.38
in

Report Period
To
10/01/2023
From
10/31/2023

Legend
○ DFINAL - VFINAL
- Iso-Q™
▲ Min-Max Depth



Daily Tabular Report

10/01/2023 00:00 - 10/31/2023 23:59

CSO_ChlorineChamberPipe: Elliptical (24.38 in H x 24.62 in W), Silt0.00 in

Date	DFINAL (in)					VFINAL (ft/s)					QFINAL (MGD - Total MG)					Rain (in)	
	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Total	Total
10/01/2023	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
10/02/2023	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
10/03/2023	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
10/04/2023	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
10/05/2023	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	0.01
10/06/2023	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
10/07/2023	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	0.92
10/08/2023	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	0.01
10/09/2023	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
10/10/2023	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
10/11/2023	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
10/12/2023	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
10/13/2023	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
10/14/2023	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
10/15/2023	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
10/16/2023	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	0.01
10/17/2023	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	0.01
10/18/2023	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
10/19/2023	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
10/20/2023	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	0.46
10/21/2023	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	1.31
10/22/2023	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
10/23/2023	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
10/24/2023	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
10/25/2023	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
10/26/2023	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
10/27/2023	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
10/28/2023	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
10/29/2023	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	0.46
10/30/2023	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	0.65
10/31/2023	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-

10/01/2023 00:00 - 10/31/2023 23:59

	DFINAL (in)	VFINAL (ft/s)	QFINAL (MGD - Total MG)	Rain (in)
Total			0.000	3.84
Average	0.00	0.00	0.000	

Greenfield_CSO

Site Commentary

SITE INFORMATION

Pipe	Round (36 in H)
Silt	0.00 (in)

OBSERVATIONS

Average flow depth, velocity, and quantity data observed during **Sunday, 01 October 2023 to Tuesday, 31 October 2023**, along with observed minimum and maximum data, are provided in the following table.

ZERO (0) OVERFLOWS RECORDED DURING THE OCTOBER 2023 METERING PERIOD

Observed Flow Conditions		
Item	DFINAL (in)	VFINAL (ft/s)
Average	4.43	1.91
Minimum	2.90	0.33
Maximum	38.90	2.72
Min Time	10/27/2023 3:45:00 AM	10/21/2023 10:50:00 AM
Max Time	10/21/2023 12:50:00 PM	10/07/2023 12:00:00 PM

Based upon the quality and consistency of the observed flow depth and velocity data, the Continuity equation was used to calculate flow rate and quantities during the monitoring period.

Values in the Observed Flow Conditions are based on the five minute average.

Values in the graphical reports are based on the fifteen minutes average.

Values in the tabular report are based on the five minute average.

DATA UPTIME

Data uptime observed during **Sunday, 01 October 2023 to Tuesday, 31 October 2023** is provided in the following table:

Percent Uptime	
DFINAL (in)	100
VFINAL (ft/s)	100

Hydrograph Report

Greenfield_CSO

Flow Monitor
Greenfield_CSO

Pipe Height
36.00
in

Report Period
10/01/2023
To
10/31/2023

Legend
— DFINAL
— Rain
— VFINAL



Scattergraph Report

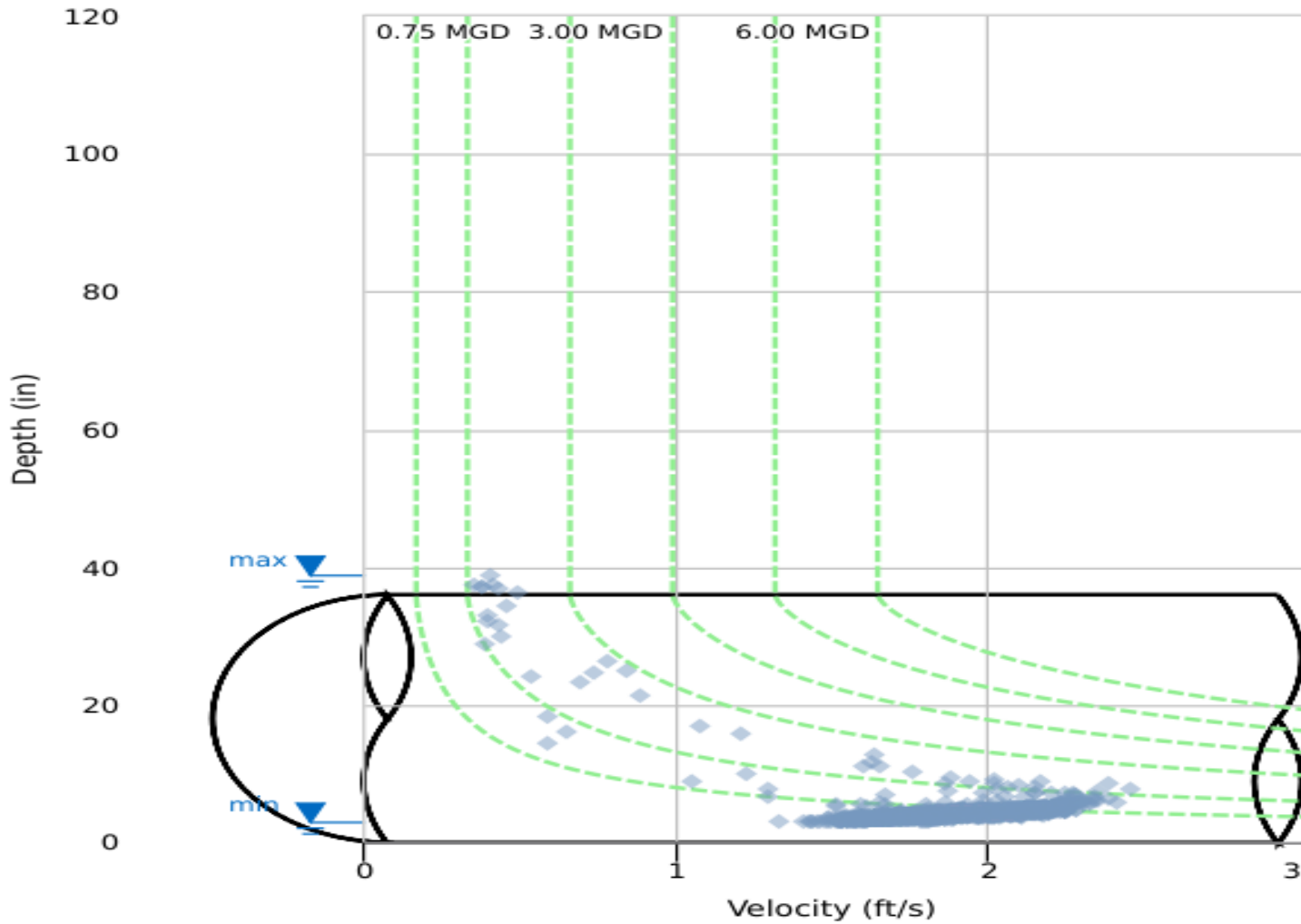
Greenfield_CSO

Flow Monitor
Greenfield_CSO

Pipe Height
36.00
in

Report Period
10/01/2023
To
10/31/2023

Legend
○ DFINAL - VFINAL
- Iso-Q™
▼ Min-Max Depth



Daily Tabular Report

10/01/2023 00:00 - 10/31/2023 23:59

Greenfield_CSOPipe: Round (36 in H), Silt0.00 in

Date	DFINAL (in)					VFINAL (ft/s)					Rain (in)
	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Total
10/01/2023	03:20	3.40	23:35	4.89	4.22	06:50	1.69	13:10	2.30	2.02	-
10/02/2023	04:40	3.60	15:05	4.76	4.26	04:00	1.70	20:00	2.26	2.05	-
10/03/2023	05:05	3.69	08:40	8.62	4.19	08:40	0.62	21:00	2.31	2.04	-
10/04/2023	02:55	3.12	09:00	5.76	3.77	09:00	1.38	18:30	2.25	1.96	-
10/05/2023	04:30	3.24	08:20	5.04	4.12	04:20	1.53	10:40	2.20	1.93	0.01
10/06/2023	18:05	3.78	14:05	5.35	4.41	04:25	1.56	17:05	2.13	1.91	-
10/07/2023	05:40	3.80	22:10	26.42	6.31	22:35	0.55	12:00	2.72	1.84	0.92
10/08/2023	07:00	3.18	00:00	5.16	4.06	03:15	1.63	00:00	2.20	1.89	0.01
10/09/2023	06:20	3.33	19:05	4.95	4.23	04:25	1.58	19:30	2.16	1.87	-
10/10/2023	04:25	3.31	12:00	8.70	4.22	12:00	0.75	18:40	2.17	1.82	-
10/11/2023	03:25	3.54	10:30	6.67	4.12	10:30	0.84	19:45	2.09	1.78	-
10/12/2023	03:00	3.39	20:45	5.63	4.06	03:15	1.43	20:45	2.32	1.79	-
10/13/2023	04:20	3.38	09:20	6.30	4.14	05:55	1.46	09:20	2.37	1.92	-
10/14/2023	03:55	3.24	11:15	4.95	4.00	03:55	1.54	11:20	2.23	1.88	-
10/15/2023	04:55	3.10	12:55	6.21	4.11	04:50	1.50	14:40	2.22	1.91	-
10/16/2023	03:45	3.58	10:45	8.93	4.31	03:45	1.67	12:10	2.36	1.98	0.01
10/17/2023	02:15	3.39	09:15	5.68	4.10	02:20	1.60	11:55	2.35	1.91	0.01
10/18/2023	02:35	3.58	08:50	7.15	4.27	08:50	1.10	20:55	2.22	1.96	-
10/19/2023	04:20	3.24	11:45	9.86	4.18	13:35	0.86	10:10	2.32	1.91	-
10/20/2023	04:50	3.26	21:50	12.62	4.73	21:40	1.47	22:15	2.55	2.01	0.46
10/21/2023	23:35	3.39	12:50	38.90	8.98	10:50	0.33	14:30	2.54	1.64	1.31
10/22/2023	06:35	2.90	02:15	4.16	3.54	05:35	0.96	02:20	1.96	1.71	-
10/23/2023	04:35	3.42	18:45	4.57	4.14	13:20	1.21	18:50	2.13	1.93	-
10/24/2023	04:00	3.15	20:55	5.30	4.05	04:00	1.46	21:00	2.31	1.89	-
10/25/2023	04:00	3.14	10:45	5.97	4.34	23:50	0.96	10:45	2.37	1.97	-
10/26/2023	06:30	3.10	11:30	6.81	3.99	06:30	1.45	11:30	2.31	1.87	-
10/27/2023	03:40	2.90	11:40	10.69	4.15	03:45	1.38	12:00	2.36	1.90	-
10/28/2023	04:55	2.94	11:10	5.71	3.91	06:40	1.09	11:15	2.23	1.84	-
10/29/2023	04:50	3.21	12:50	11.86	4.65	12:35	0.52	13:40	2.37	1.94	0.46
10/30/2023	01:00	3.76	11:25	11.81	5.08	11:25	1.50	12:05	2.38	2.10	0.65
10/31/2023	03:50	3.90	10:40	6.95	4.66	04:10	1.78	10:40	2.33	2.08	-

10/01/2023 00:00 - 10/31/2023 23:59

	DFINAL (in)	VFINAL (ft/s)	Rain (in)
Total			3.84
Average	4.43	1.91	

RG1

Site Commentary

DATA UPTIME

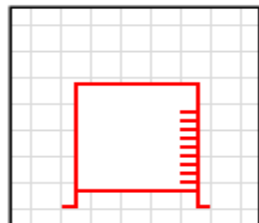
Data uptime observed during **Sunday, 01 October 2023 to Tuesday, 31 October 2023** is provided in the following table:

Percent Uptime	
RAINFINAL (in)	100

Hydrograph Report

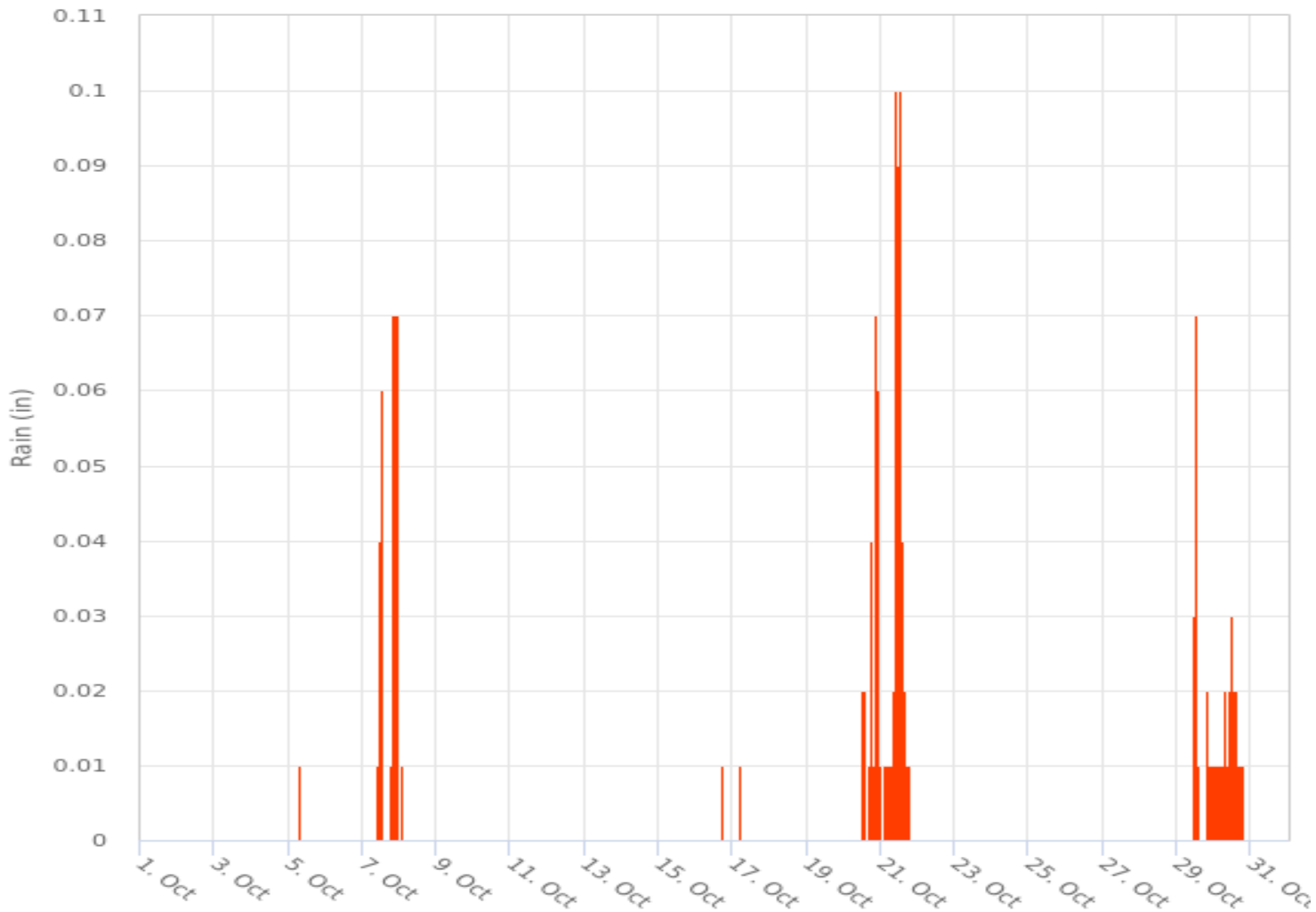
RG1

Rain Gauge
RG1



Report Period
10/01/2023
To
10/31/2023

Legend
— DFINAL
— Rain
— VFINAL



Daily Tabular Report

10/01/2023 00:00 - 10/31/2023 23:59

RG1RainGauge: Unknown (0 H x 0 W), Silt0.00

Date	Rain (in) Total
10/01/2023	-
10/02/2023	-
10/03/2023	-
10/04/2023	-
10/05/2023	0.01
10/06/2023	-
10/07/2023	0.92
10/08/2023	0.01
10/09/2023	-
10/10/2023	-
10/11/2023	-
10/12/2023	-
10/13/2023	-
10/14/2023	-
10/15/2023	-
10/16/2023	0.01
10/17/2023	0.01
10/18/2023	-
10/19/2023	-
10/20/2023	0.46
10/21/2023	1.31
10/22/2023	-
10/23/2023	-
10/24/2023	-
10/25/2023	-
10/26/2023	-
10/27/2023	-
10/28/2023	-
10/29/2023	0.46
10/30/2023	0.65
10/31/2023	-

10/01/2023 00:00 - 10/31/2023 23:59

	Rain (in)
Total	3.84