

Montague, MA

Montague, MA

August 2023 Report Submitted to **Montague, MA**
September 11, 2023



340 The Bridge Street, Suite 204
Huntsville, AL 35806

800-633-7246
www.adsenv.com



September 11, 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 five (5) locations. The study was conducted during the period of Tuesday, 01 August 2023 to Thursday, 31 August 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. Should you have any questions or comments, you may contact the 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

Tuesday, 01 August 2023 to Thursday, 31 August 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

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No table of contents entries found.



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 **Tuesday, 01 August 2023 to Thursday, 31 August 2023**, along with observed minimum and maximum data, are provided in the following table.

Three (3) overflows recorded during the August metering period.

Observed Flow Conditions		
Item	DFINAL (in)	VFINAL (ft/s)
Average	1.88	1.44
Minimum	0.00	0.01
Maximum	25.95	14.76
Min Time	08/31/2023 2:40:00 PM	08/12/2023 5:30:00 AM
Max Time	08/18/2023 8:05:00 AM	08/18/2023 8:10:00 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 **Tuesday, 01 August 2023 to Thursday, 31 August 2023** is provided in the following table:

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

7th_L_CSO	Total	Duration	Start	Stop	Rain
W1	20,437	0:20:00	8/18/23 8:00	8/18/23 8:20	0.74
W2	2,128	0:20:00	8/25/23 5:00 8/25/23 8:05	8/25/23 5:15 8/25/23 8:10	0.93
W3	792	0:15:00	8/30/23 8:55	8/30/23 9:10	0.66

Total	Gals. 23,356	Hrs. 0:55:00	Rain 2.33
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Hydrograph Report

7th_L_CSO

Flow Monitor
7th_L_CSO

Pipe Height
14.25
in

Report Period
08/01/2023
To
08/31/2023

Legend
— DFINAL
— Rain
— VFINAL



Scattergraph Report

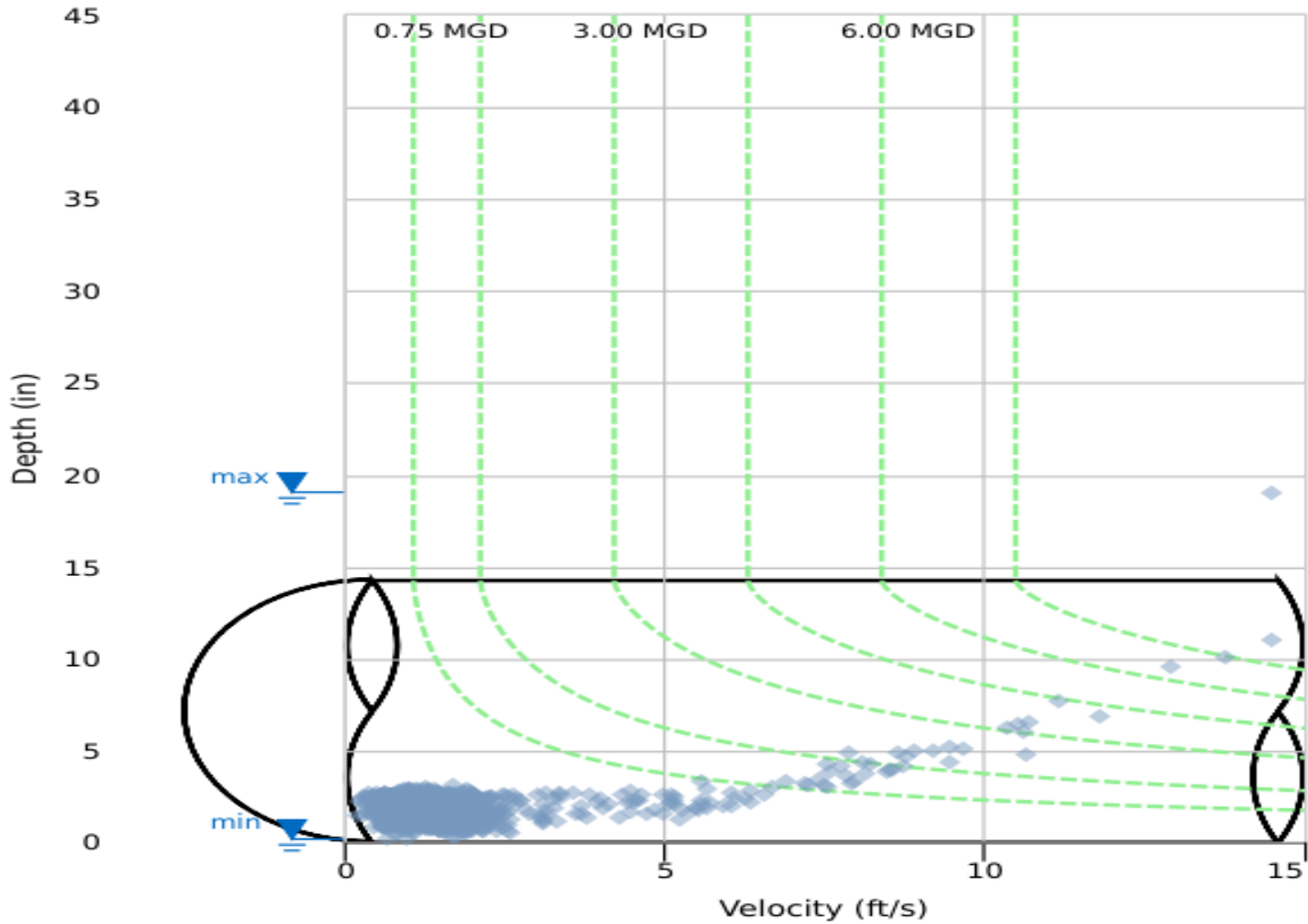
7th_L_CSO

Flow Monitor
7th_L_CSO

Pipe Height
14.25
in

Report Period
08/01/2023
To
08/31/2023

Legend
○ DFINAL - VFINAL
- Iso-QTM
▼ Min-Max Depth



Daily Tabular Report

08/01/2023 00:00 - 08/31/2023 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
08/01/2023	07:00	0.53	21:25	3.23	2.06	04:00	0.60	19:55	2.53	1.54	0.01
08/02/2023	12:20	0.53	00:20	2.93	1.62	03:55	0.52	21:15	2.79	1.45	-
08/03/2023	14:35	0.20	02:25	2.61	1.81	04:15	0.47	08:50	2.09	1.37	-
08/04/2023	07:35	0.70	01:05	2.66	1.76	03:55	0.46	09:45	1.89	1.31	-
08/05/2023	05:20	0.00	23:00	2.88	2.02	05:45	0.61	11:25	1.85	1.17	-
08/06/2023	08:50	0.78	23:20	2.84	1.89	04:05	0.23	10:15	1.78	1.10	-
08/07/2023	06:40	0.71	20:40	4.58	2.05	06:40	0.42	20:40	9.19	1.85	0.37
08/08/2023	03:00	0.47	23:15	2.63	1.80	03:50	0.37	08:10	2.15	1.42	0.04
08/09/2023	13:00	0.81	22:05	2.72	1.99	04:20	0.44	18:35	1.89	1.34	0.04
08/10/2023	07:10	0.78	22:30	2.80	1.90	03:30	0.44	20:40	5.68	1.48	0.17
08/11/2023	06:30	0.78	22:10	2.84	1.98	00:55	0.33	08:20	2.05	1.29	0.01
08/12/2023	18:20	0.76	00:25	2.74	1.77	05:30	0.01	13:35	2.08	1.23	-
08/13/2023	06:05	0.61	14:50	3.00	1.92	04:45	0.39	14:50	7.20	1.44	-
08/14/2023	04:30	0.46	23:15	2.51	1.71	03:05	0.49	10:30	2.01	1.24	0.01
08/15/2023	18:40	0.27	07:40	5.59	2.23	02:45	0.44	07:45	9.15	2.77	1.23
08/16/2023	06:40	0.00	21:55	2.73	1.84	04:00	0.35	19:00	1.54	1.07	-
08/17/2023	03:40	0.43	21:05	2.72	1.78	04:40	0.37	18:30	1.44	0.95	0.01
08/18/2023	21:10	0.40	08:05	25.95	2.14	01:55	0.10	08:10	14.76	2.14	0.74
08/19/2023	06:50	0.26	22:25	2.71	1.54	05:50	0.50	10:20	2.68	1.45	-
08/20/2023	05:35	0.34	22:55	3.08	1.99	03:50	0.25	14:15	2.03	1.20	-
08/21/2023	19:35	0.76	20:05	3.07	2.15	05:50	0.20	20:10	7.00	1.39	0.01
08/22/2023	08:00	0.49	23:25	2.49	1.66	02:05	0.31	08:55	1.85	1.23	-
08/23/2023	10:30	0.56	00:10	2.52	1.61	03:15	0.21	09:30	1.59	1.08	-
08/24/2023	15:35	0.37	20:25	2.85	1.95	04:40	0.41	20:30	5.06	1.17	0.15
08/25/2023	20:15	0.13	05:05	11.56	2.08	02:00	0.60	05:05	14.64	2.73	0.93
08/26/2023	07:20	0.00	21:00	2.58	1.92	07:40	0.48	02:40	3.33	1.33	0.02
08/27/2023	06:35	0.29	23:45	2.75	1.95	03:30	0.62	05:40	2.48	1.21	-
08/28/2023	06:45	0.54	22:35	2.66	2.03	04:15	0.40	19:05	1.59	1.05	-
08/29/2023	06:10	0.64	00:15	2.64	1.78	04:50	0.42	20:05	1.62	1.03	-
08/30/2023	21:55	0.34	09:00	10.29	1.90	04:55	0.08	09:05	13.11	2.16	0.66
08/31/2023	03:55	0.00	21:15	2.50	1.54	03:25	0.37	10:30	2.30	1.38	-

08/01/2023 00:00 - 08/31/2023 23:59

	DFINAL (in)	VFINAL (ft/s)	Rain (in)
Total			4.40
Average	1.88	1.44	

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 **Tuesday, 01 August 2023 to Thursday, 31 August 2023**, along with observed minimum and maximum data, are provided in the following table.

One (1) overflow recorded during the August metering period.

Observed Flow Conditions	
Item	DFINAL (in)
Average	4.03
Minimum	2.11
Maximum	48.70
Min Time	08/27/2023 10:45:00 AM
Max Time	08/18/2023 8:05:00 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 **Tuesday, 01 August 2023 to Thursday, 31 August 2023** is provided in the following table:

Percent Uptime	
DFINAL (in)	100

Ave_A_CSO	Total	Duration	Start	Stop	Rain
W1	78,591	0:20:00	8/18/23 8:00	8/18/23 8:20	0.74

	Gals.	Hrs.	Rain
Total	78,591	0:20:00	0.74

Hydrograph Report

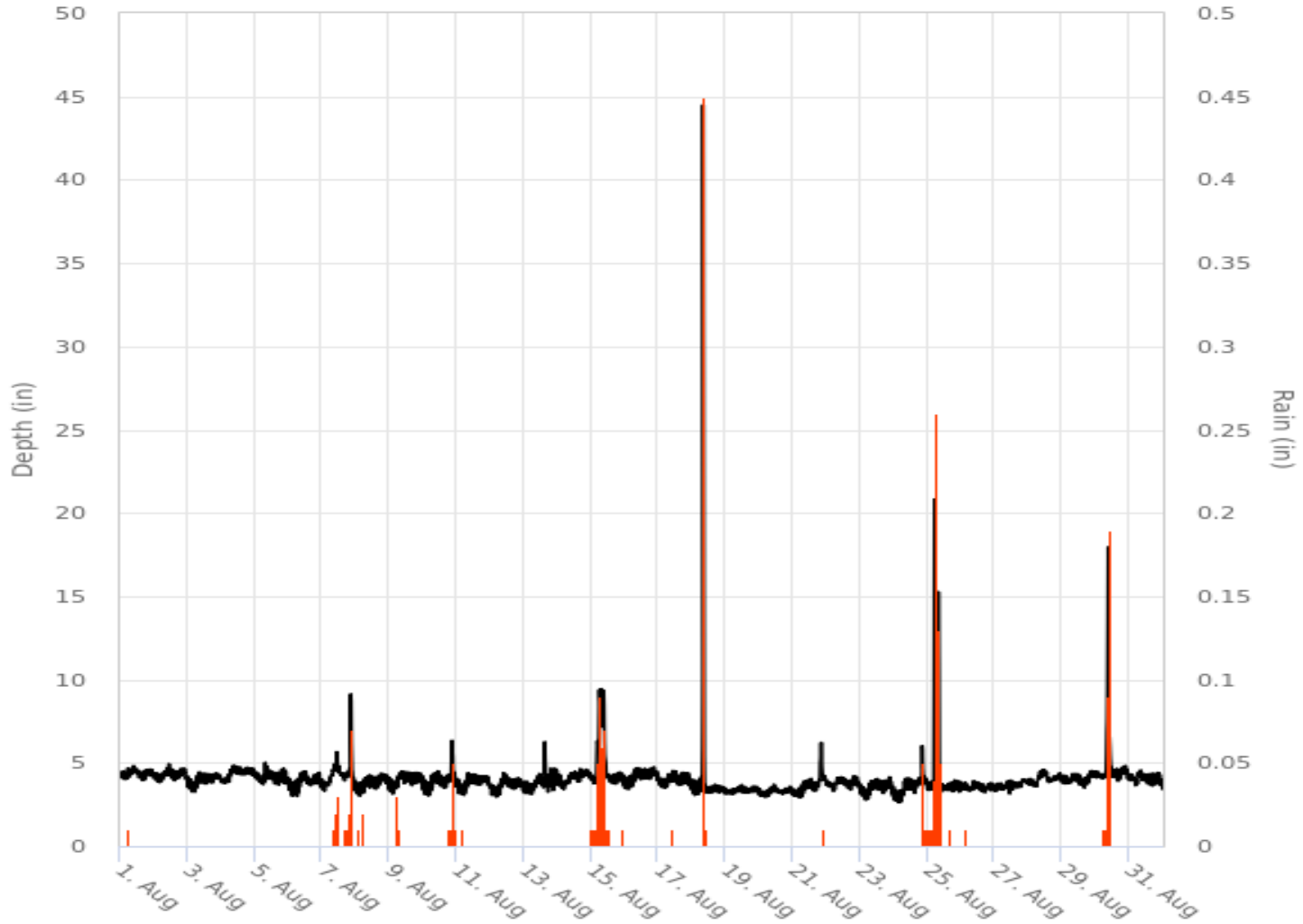
Ave_A_CSO

Flow Monitor
Ave_A_CSO

Pipe Height
21.00
in

Report Period
08/01/2023
To
08/31/2023

Legend
— DFINAL
— Rain
— VFINAL



Daily Tabular Report

08/01/2023 00:00 - 08/31/2023 23:59

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

Date	Time	DFINAL (in)				Rain (in)
		Min	Time	Max	Avg	Total
08/01/2023	04:30	3.65	09:00	5.69	4.38	0.01
08/02/2023	03:35	3.17	10:50	5.74	4.29	-
08/03/2023	05:25	3.07	08:15	5.21	4.02	-
08/04/2023	02:35	3.01	08:40	5.43	4.36	-
08/05/2023	04:15	3.08	09:50	5.20	4.16	-
08/06/2023	05:35	2.85	22:00	5.17	3.87	-
08/07/2023	01:55	2.88	20:40	10.24	4.36	0.37
08/08/2023	03:10	2.94	21:10	5.00	3.82	0.04
08/09/2023	03:00	3.02	19:05	5.22	4.00	0.04
08/10/2023	01:30	2.93	20:55	6.53	3.98	0.17
08/11/2023	02:35	2.83	11:55	5.14	3.87	0.01
08/12/2023	02:30	2.77	10:40	4.99	3.71	-
08/13/2023	04:50	2.78	15:00	6.34	3.88	-
08/14/2023	04:00	2.84	20:15	5.25	4.08	0.01
08/15/2023	02:25	3.09	06:05	10.15	5.00	1.23
08/16/2023	02:15	3.34	10:05	5.61	4.23	-
08/17/2023	03:55	3.09	10:55	5.18	4.01	0.01
08/18/2023	03:05	3.01	08:05	48.70	4.42	0.74
08/19/2023	05:15	2.89	11:35	4.08	3.32	-
08/20/2023	04:45	2.74	08:15	4.12	3.27	-
08/21/2023	03:20	2.78	20:05	6.95	3.69	0.01
08/22/2023	04:50	2.82	20:10	4.81	3.80	-
08/23/2023	03:30	2.59	21:00	4.78	3.52	-
08/24/2023	04:00	2.48	20:15	6.33	3.62	0.15
08/25/2023	04:30	2.87	05:05	24.77	4.79	0.93
08/26/2023	05:55	2.98	10:30	4.25	3.56	0.02
08/27/2023	10:45	2.11	22:05	4.59	3.68	-
08/28/2023	04:25	3.08	09:45	5.29	4.06	-
08/29/2023	04:40	3.09	20:50	5.22	4.05	-
08/30/2023	01:25	3.35	09:05	21.60	4.95	0.66
08/31/2023	05:10	3.16	07:25	5.36	4.09	-

08/01/2023 00:00 - 08/31/2023 23:59

	DFINAL (in)	Rain (in)
Total		4.40
Average	4.03	

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 **Tuesday, 01 August 2023 to Thursday, 31 August 2023**, along with observed minimum and maximum data, are provided in the following table.

Zero (0) overflows recorded during the August 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	08/31/2023 11:55:00 PM	08/31/2023 11:55:00 PM	08/07/2023 11:55:00 PM
Max Time	08/01/2023 12:00:00 AM	08/01/2023 12:00:00 AM	08/08/2023 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 **Tuesday, 01 August 2023 to Thursday, 31 August 2023** is provided in the following table:

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

Hydrograph Report

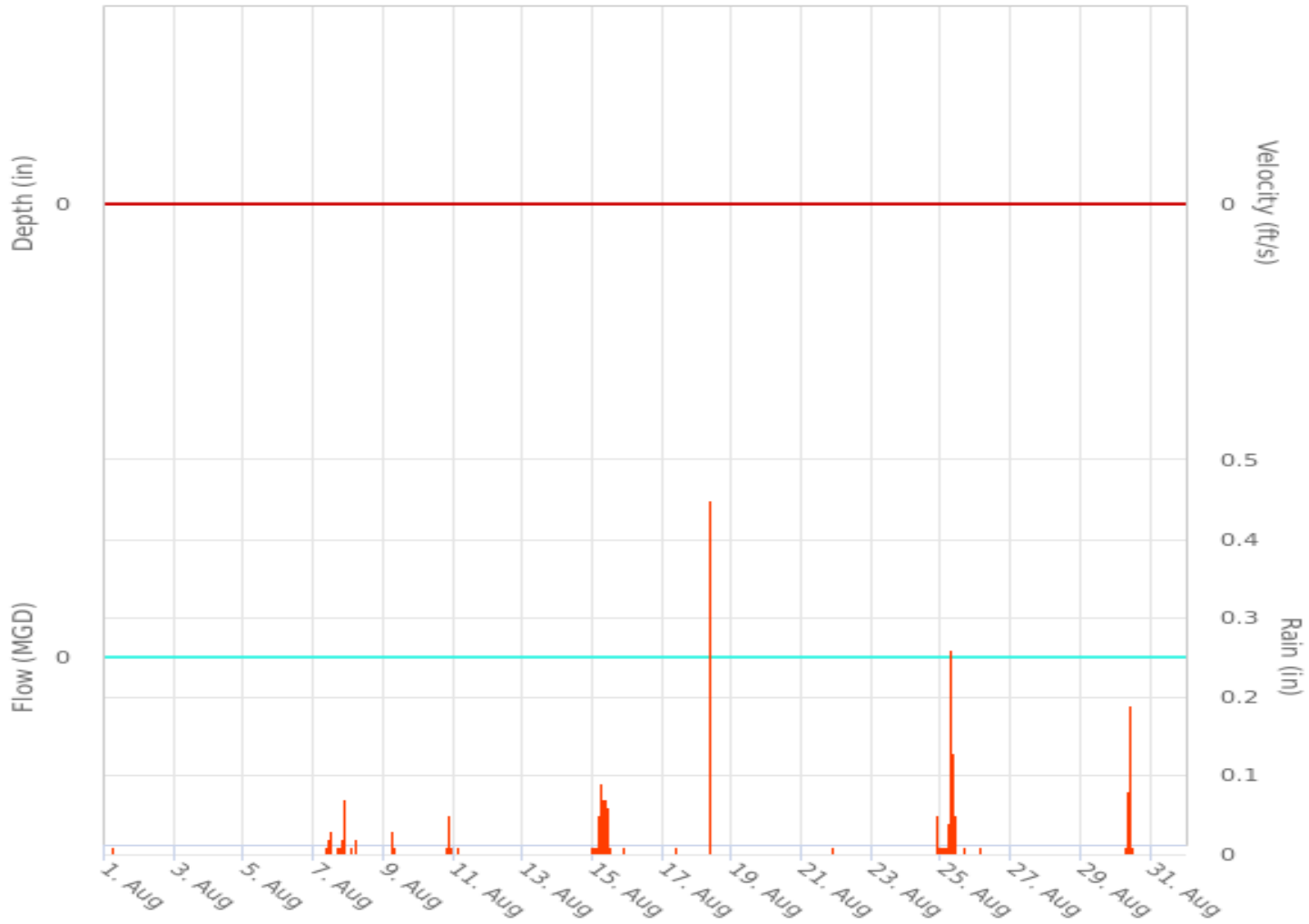
CSO_ChlorineChamber

Flow Monitor
CSO_ChlorineChamber

Pipe Height
24.38
in

Report Period
08/01/2023
To
08/31/2023

Legend
— DFINAL
— Rain
— VFINAL
— QFINAL



Scattergraph Report

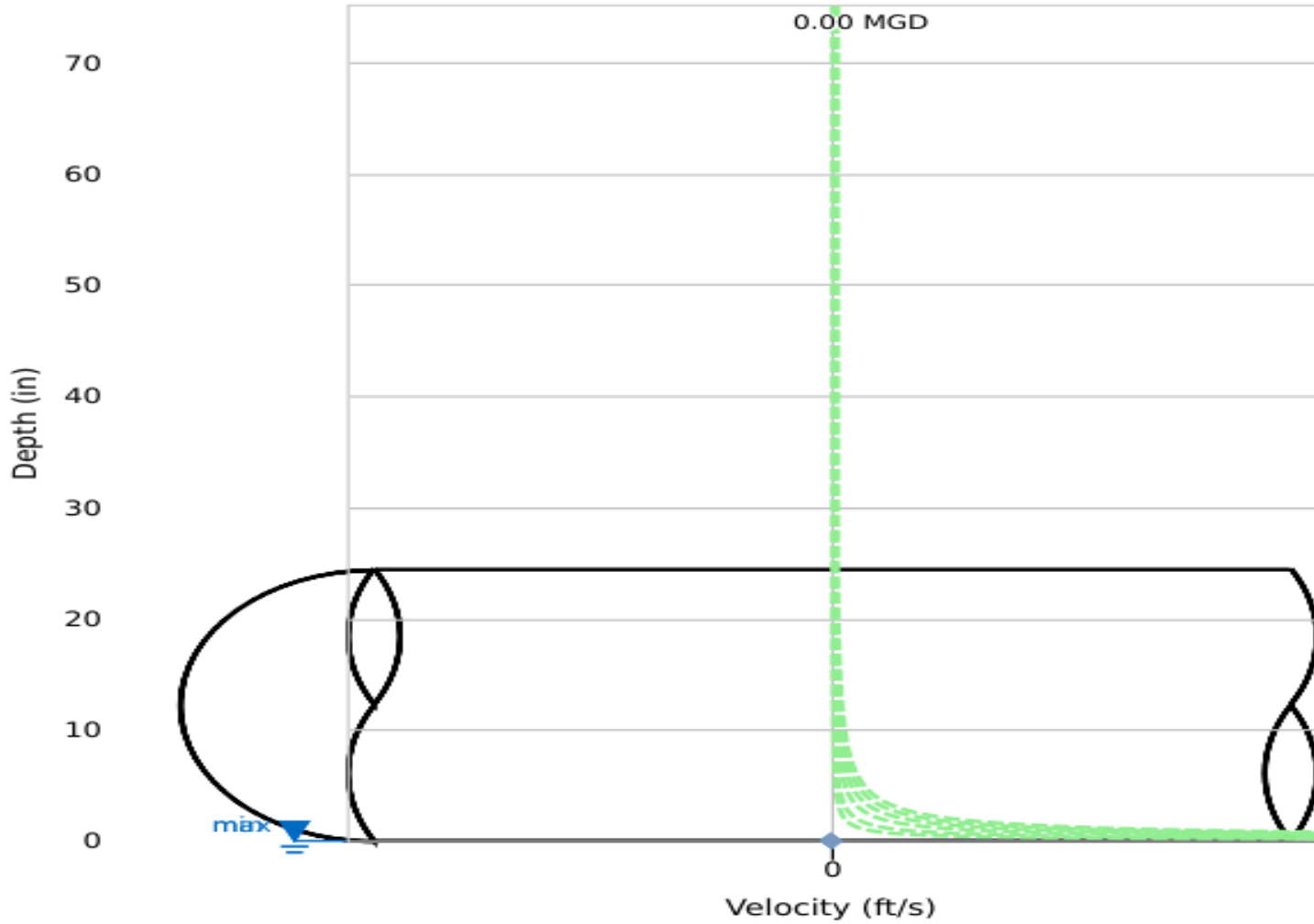
CSO_ChlorineChamber

Flow Monitor
CSO_ChlorineChamber

Pipe Height
24.38
in

Report Period
08/01/2023
To
08/31/2023

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



Daily Tabular Report

08/01/2023 00:00 - 08/31/2023 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
08/01/2023	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	0.01
08/02/2023	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	-
08/03/2023	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	-
08/04/2023	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	-
08/05/2023	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	-
08/06/2023	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	-
08/07/2023	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	0.37
08/08/2023	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	0.04
08/09/2023	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	0.04
08/10/2023	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	0.17
08/11/2023	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	0.01
08/12/2023	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	-
08/13/2023	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	0.01
08/14/2023	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	0.01
08/15/2023	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	1.23
08/16/2023	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	-
08/17/2023	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
08/18/2023	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	0.74
08/19/2023	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	-
08/20/2023	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	-
08/21/2023	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	0.01
08/22/2023	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	-
08/23/2023	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	-
08/24/2023	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	0.15
08/25/2023	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	0.93
08/26/2023	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	0.02
08/27/2023	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	-
08/28/2023	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	-
08/29/2023	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	-
08/30/2023	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	0.66
08/31/2023	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	-

08/01/2023 00:00 - 08/31/2023 23:59

	DFINAL (in)	VFINAL (ft/s)	QFINAL (MGD - Total MG)	Rain (in)
Total			0.000	4.40
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 **Tuesday, 01 August 2023 to Thursday, 31 August 2023**, along with observed minimum and maximum data, are provided in the following table.

Three (3) overflows recorded during the August metering period.

Observed Flow Conditions		
Item	DFINAL (in)	VFINAL (ft/s)
Average	4.69	2.03
Minimum	3.02	0.48
Maximum	44.82	2.72
Min Time	08/31/2023 4:30:00 AM	08/25/2023 7:05:00 AM
Max Time	08/18/2023 8:55:00 AM	08/30/2023 10:55:00 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 **Tuesday, 01 August 2023 to Thursday, 31 August 2023** is provided in the following table:

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

GFLD_CSO	Total	Duration	Start	Stop	Rain
W1	5,307	0:50:00	8/18/23 8:40	8/18/23 9:30	0.74
W2	484	0:15:00	8/25/23 5:50	8/25/23 6:05	0.93
W3	683	0:20:00	8/30/23 9:40	8/30/23 10:00	0.66

	Gals.	Hrs.	Rain
Total	6,474	1:25:00	2.33

Hydrograph Report

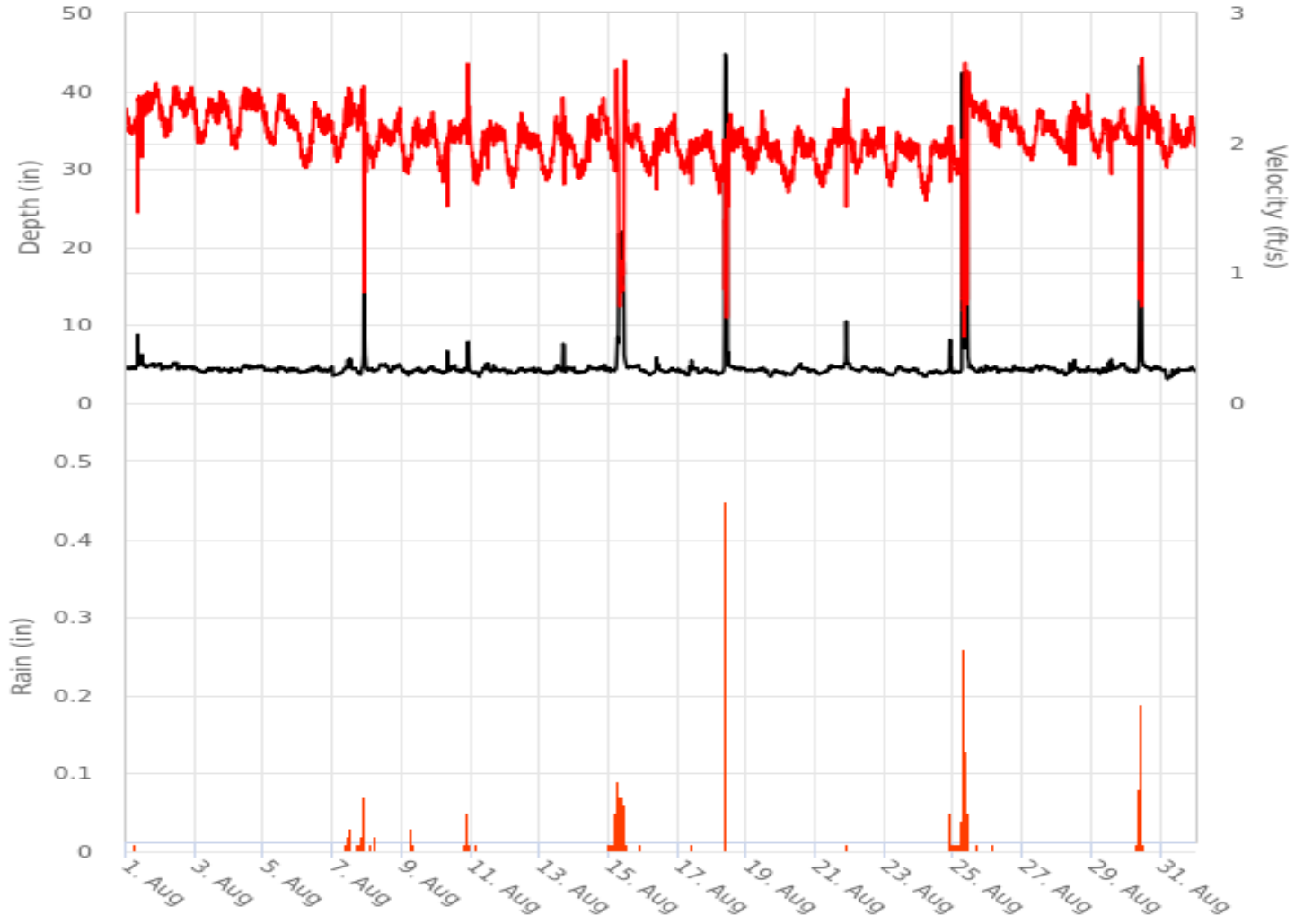
Greenfield_CSO

Flow Monitor
Greenfield_CSO

Pipe Height
36.00
in

Report Period
08/01/2023
To
08/31/2023

Legend
— DFINAL
— Rain
— VFINAL



Scattergraph Report

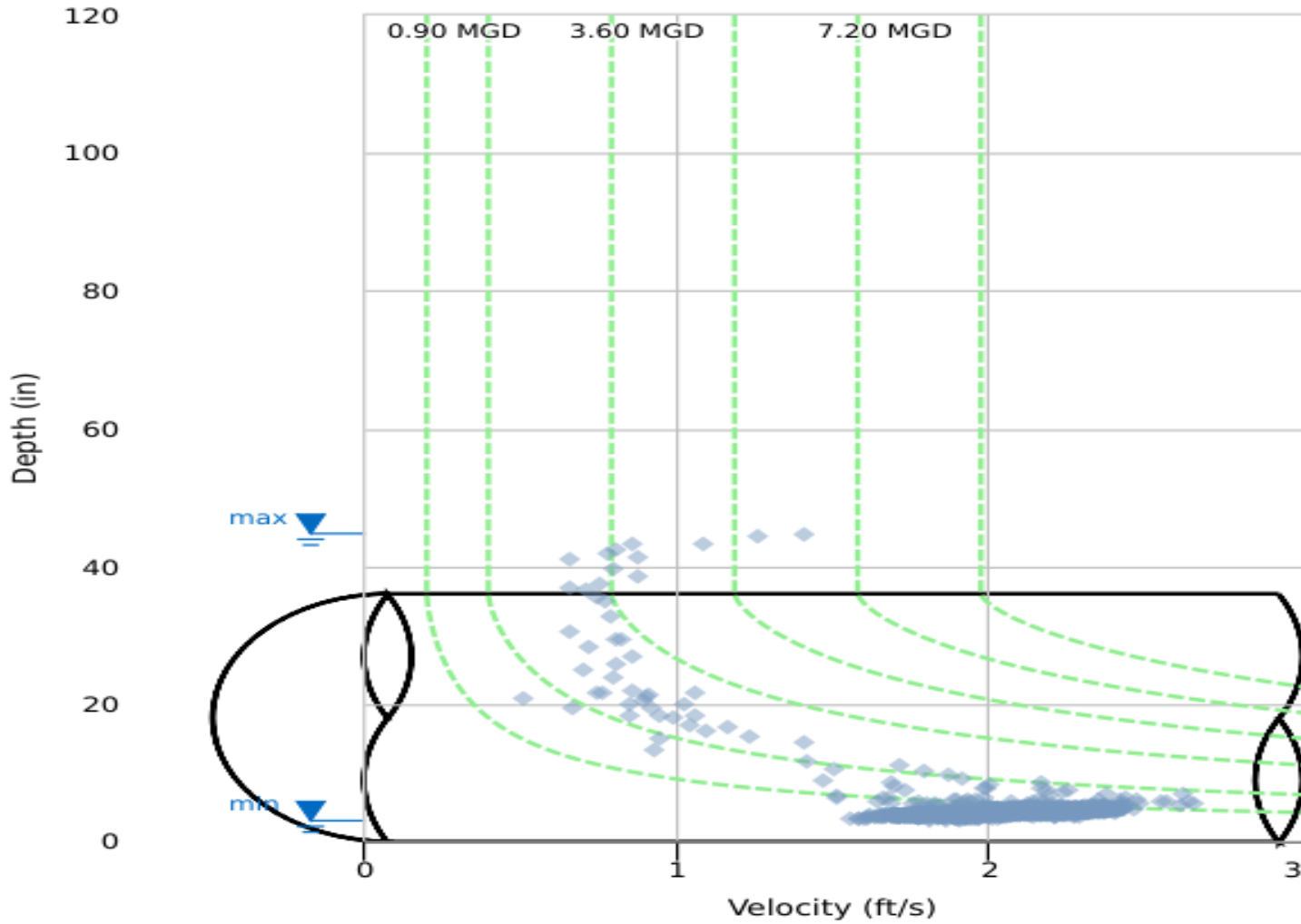
Greenfield_CSO

Flow Monitor
Greenfield_CSO

Pipe Height
36.00
in

Report Period
08/01/2023
To
08/31/2023

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



Daily Tabular Report

08/01/2023 00:00 - 08/31/2023 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
08/01/2023	02:05	4.32	07:45	11.21	4.88	07:45	0.81	20:45	2.51	2.24	0.01
08/02/2023	12:10	4.25	09:05	5.23	4.63	03:05	1.96	11:05	2.48	2.26	-
08/03/2023	23:45	3.88	16:45	4.61	4.25	01:45	1.96	17:15	2.43	2.20	-
08/04/2023	07:00	4.00	10:50	5.15	4.50	04:25	1.93	12:40	2.49	2.24	-
08/05/2023	09:10	3.91	10:15	4.72	4.32	03:45	1.95	11:10	2.43	2.16	-
08/06/2023	23:55	3.61	13:10	4.84	4.23	06:45	1.78	11:05	2.34	2.07	-
08/07/2023	00:00	3.46	21:35	18.51	4.70	21:40	0.83	22:10	2.62	2.11	0.37
08/08/2023	16:20	3.93	11:55	5.06	4.50	03:50	1.78	22:20	2.37	2.04	0.04
08/09/2023	04:10	3.49	21:15	4.90	4.16	03:25	1.74	20:45	2.26	2.01	0.04
08/10/2023	04:25	3.74	21:45	9.46	4.32	07:15	0.63	21:40	2.71	2.03	0.17
08/11/2023	05:45	3.31	11:55	6.36	4.19	11:20	1.28	12:45	2.22	1.98	0.01
08/12/2023	01:00	3.70	19:50	4.59	4.16	04:35	1.64	10:50	2.28	1.95	-
08/13/2023	04:50	3.69	16:20	8.58	4.30	16:30	1.30	16:00	2.70	1.95	-
08/14/2023	01:45	3.77	10:05	5.01	4.30	04:45	1.69	20:00	2.38	2.03	0.01
08/15/2023	00:30	3.94	09:05	22.10	7.09	07:15	0.71	05:35	2.71	1.86	1.23
08/16/2023	04:20	3.53	09:05	7.74	4.12	09:05	1.07	21:15	2.30	1.98	-
08/17/2023	06:25	3.52	09:25	7.53	4.12	09:25	0.92	20:00	2.13	1.94	0.01
08/18/2023	03:20	3.58	08:55	44.82	7.13	09:45	0.60	08:15	2.31	1.84	0.74
08/19/2023	16:10	3.40	11:15	4.62	4.08	20:55	1.74	10:35	2.30	1.95	-
08/20/2023	02:45	3.39	13:15	5.36	4.16	04:40	1.60	13:00	2.16	1.89	-
08/21/2023	02:55	3.69	21:05	11.78	4.56	21:05	1.43	21:30	2.45	1.95	0.01
08/22/2023	23:55	3.92	08:55	4.88	4.28	04:10	1.74	19:55	2.21	1.97	-
08/23/2023	05:10	3.50	10:15	4.69	4.11	04:05	1.66	09:35	2.11	1.90	-
08/24/2023	04:45	3.35	21:15	10.41	4.02	21:15	1.17	21:20	2.54	1.87	0.15
08/25/2023	02:50	3.89	05:55	43.62	8.15	07:05	0.48	07:45	2.67	1.96	0.93
08/26/2023	06:50	3.86	18:05	4.84	4.32	21:30	1.92	13:00	2.35	2.14	0.02
08/27/2023	06:25	3.98	09:35	4.90	4.42	06:00	1.81	11:30	2.30	2.07	-
08/28/2023	05:30	3.54	11:55	7.41	4.17	11:55	1.11	20:45	2.42	2.12	-
08/29/2023	05:30	3.68	13:35	7.03	4.43	13:35	1.07	11:35	2.35	2.07	-
08/30/2023	06:40	3.91	09:50	43.53	6.58	10:20	0.72	10:55	2.72	2.04	0.66
08/31/2023	04:30	3.02	21:45	4.62	4.07	10:40	1.70	21:45	2.27	2.03	-

08/01/2023 00:00 - 08/31/2023 23:59

	DFINAL (in)	VFINAL (ft/s)	Rain (in)
Total			4.40
Average	4.69	2.03	

RG1

Site Commentary

DATA UPTIME

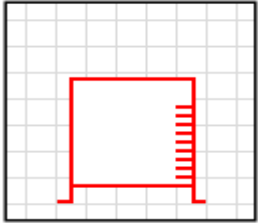
Data uptime observed during **Tuesday, 01 August 2023 to Thursday, 31 August 2023** is provided in the following table:

Percent Uptime	
RAINFINAL (in)	100

Hydrograph Report

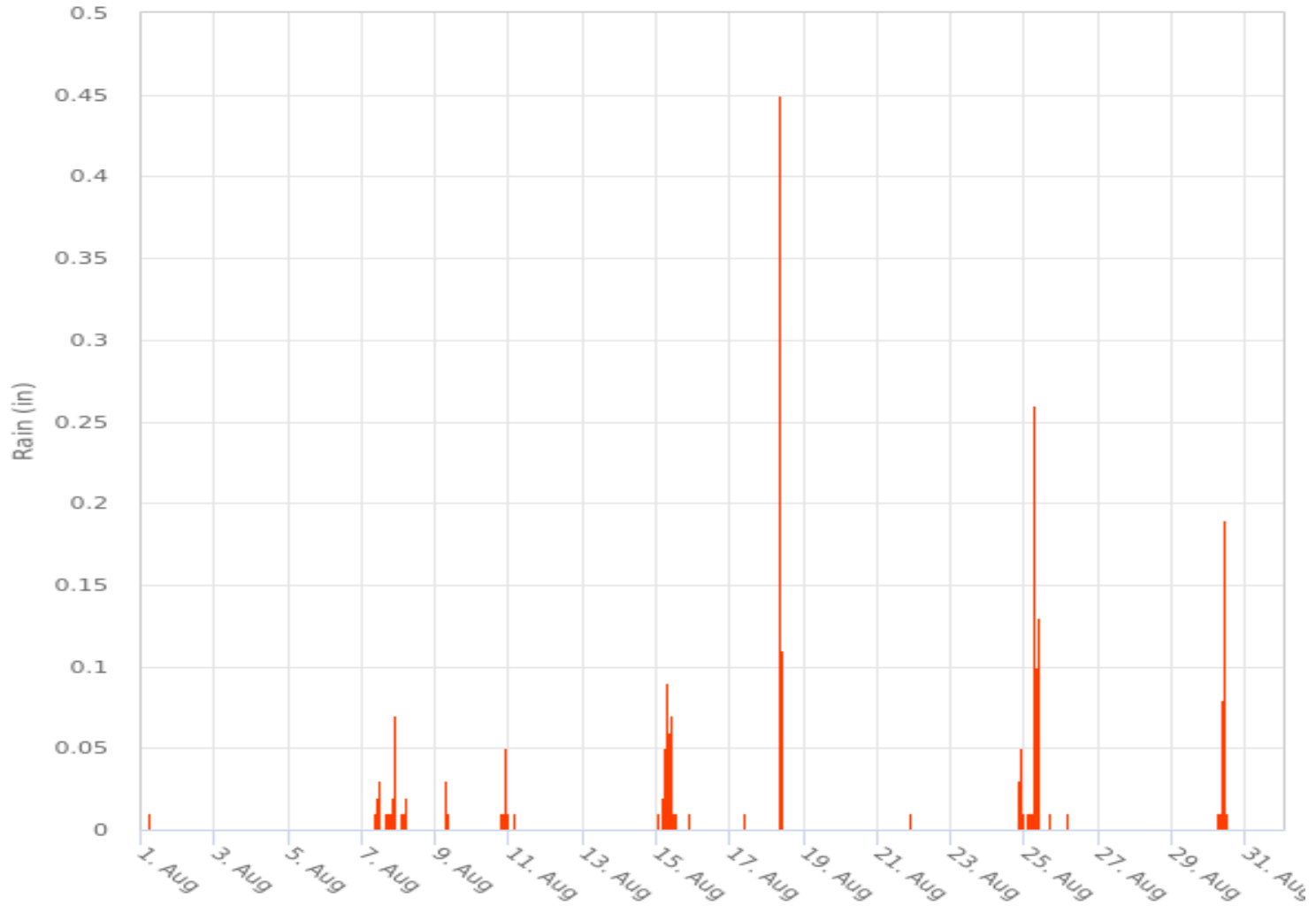
RG1

Rain Gauge
RG1



Report Period
08/01/2023
To
08/31/2023

Legend
— DFINAL
— Rain
— VFINAL



Daily Tabular Report

08/01/2023 00:00 - 08/31/2023 23:59

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

Date	Rain (in) Total
08/01/2023	0.01
08/02/2023	-
08/03/2023	-
08/04/2023	-
08/05/2023	-
08/06/2023	-
08/07/2023	0.37
08/08/2023	0.04
08/09/2023	0.04
08/10/2023	0.17
08/11/2023	0.01
08/12/2023	-
08/13/2023	-
08/14/2023	0.01
08/15/2023	1.23
08/16/2023	-
08/17/2023	0.01
08/18/2023	0.74
08/19/2023	-
08/20/2023	-
08/21/2023	0.01
08/22/2023	-
08/23/2023	-
08/24/2023	0.15
08/25/2023	0.93
08/26/2023	0.02
08/27/2023	-
08/28/2023	-
08/29/2023	-
08/30/2023	0.66
08/31/2023	-

08/01/2023 00:00 - 08/31/2023 23:59

	Rain (in)
Total	4.40