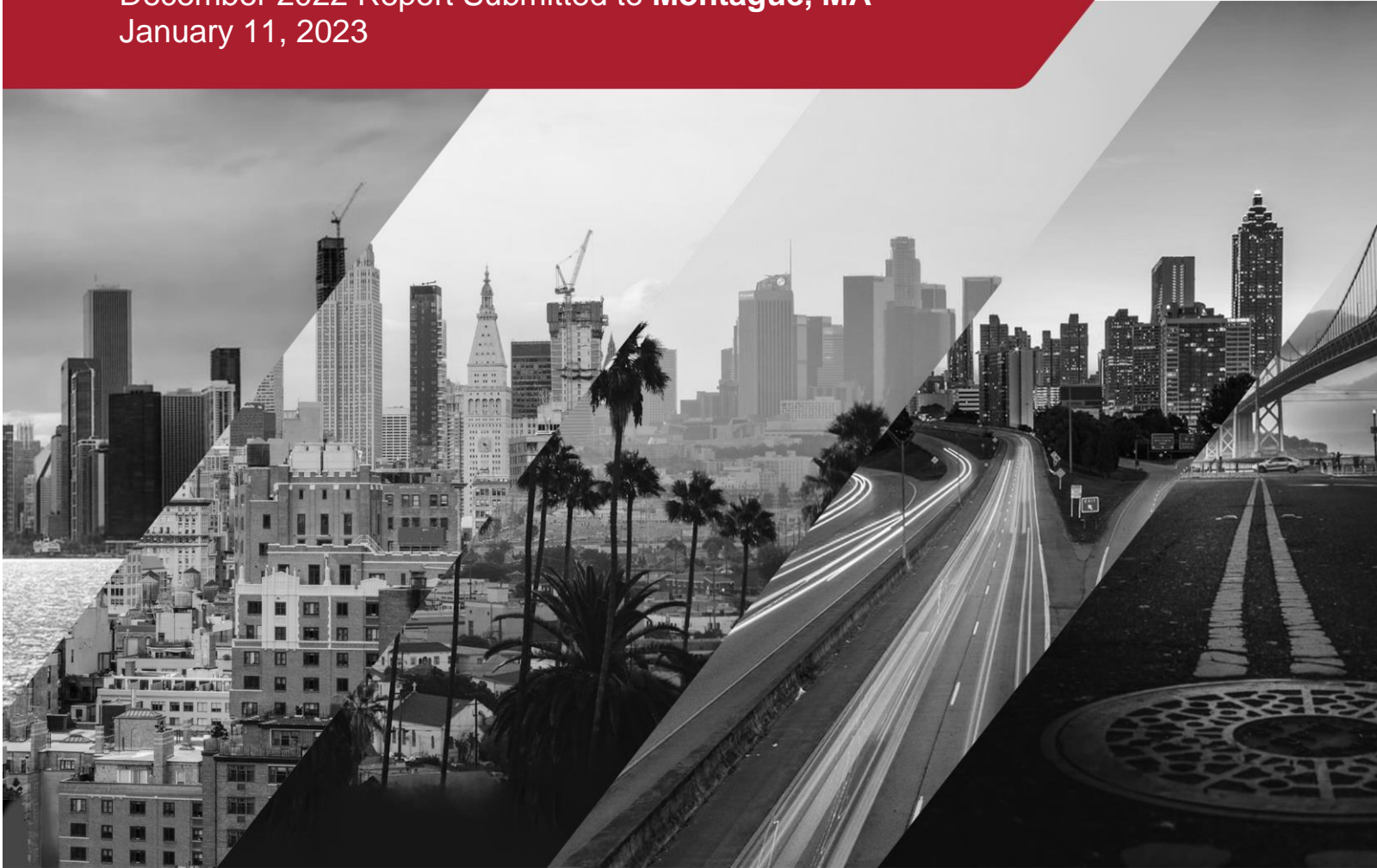


Montague, MA

# Montague, MA

December 2022 Report Submitted to **Montague, MA**  
January 11, 2023



**ADS** ENVIRONMENTAL SERVICES

340 The Bridge Street, Suite 204  
Huntsville, AL 35806

800-633-7246  
[www.adsenv.com](http://www.adsenv.com)



January 11, 2023

Chelsey Little, BSBS MPH  
Superintendent  
Montague WPCF

**SUBJECT: Montague, MA**

Dear Mrs. Little,

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 Thursday, 01 December 2022 to Saturday, 31 December 2022.

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, Michael Armes at 603-625-1212.

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

Thursday, 01 December 2022 to Saturday, 31 December 2022



# Montague, MA

## Prepared For:

Chelsey Little, BSBS MPH  
Superintendent  
Montague WPCF

## Prepared By:



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

# 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 **Thursday, 01 December 2022 to Saturday, 31 December 2022**, along with observed minimum and maximum data, are provided in the following table.

One (1) overflow recorded during the December reporting period.

Observed Flow Conditions		
Item	DFINAL (in)	VFINAL (ft/s)
Average	1.56	0.90
Minimum	0.88	0.07
Maximum	12.21	10.56
Min Time	12/24/2022 3:30:00 AM	12/06/2022 2:15:00 AM
Max Time	12/23/2022 3:55:00 PM	12/23/2022 4:00:00 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 and data on the graphical reports are based on the none average.

### DATA UPTIME

Data uptime observed during **Thursday, 01 December 2022 to Saturday, 31 December 2022** is provided in the following table:

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

<b>7th_L_CSO</b>	<b>Total</b>	<b>Duration</b>	<b>Start</b>	<b>Stop</b>	<b>Rain</b>
<b>W1</b>	1,623	0:10:00	12/23/22 15:50	12/23/22 16:00	1.01

<b>Total</b>	<b>Gals.</b>	<b>Hrs.</b>	<b>Rain</b>
	1,623	0:10:00	1.01

# Hydrograph Report

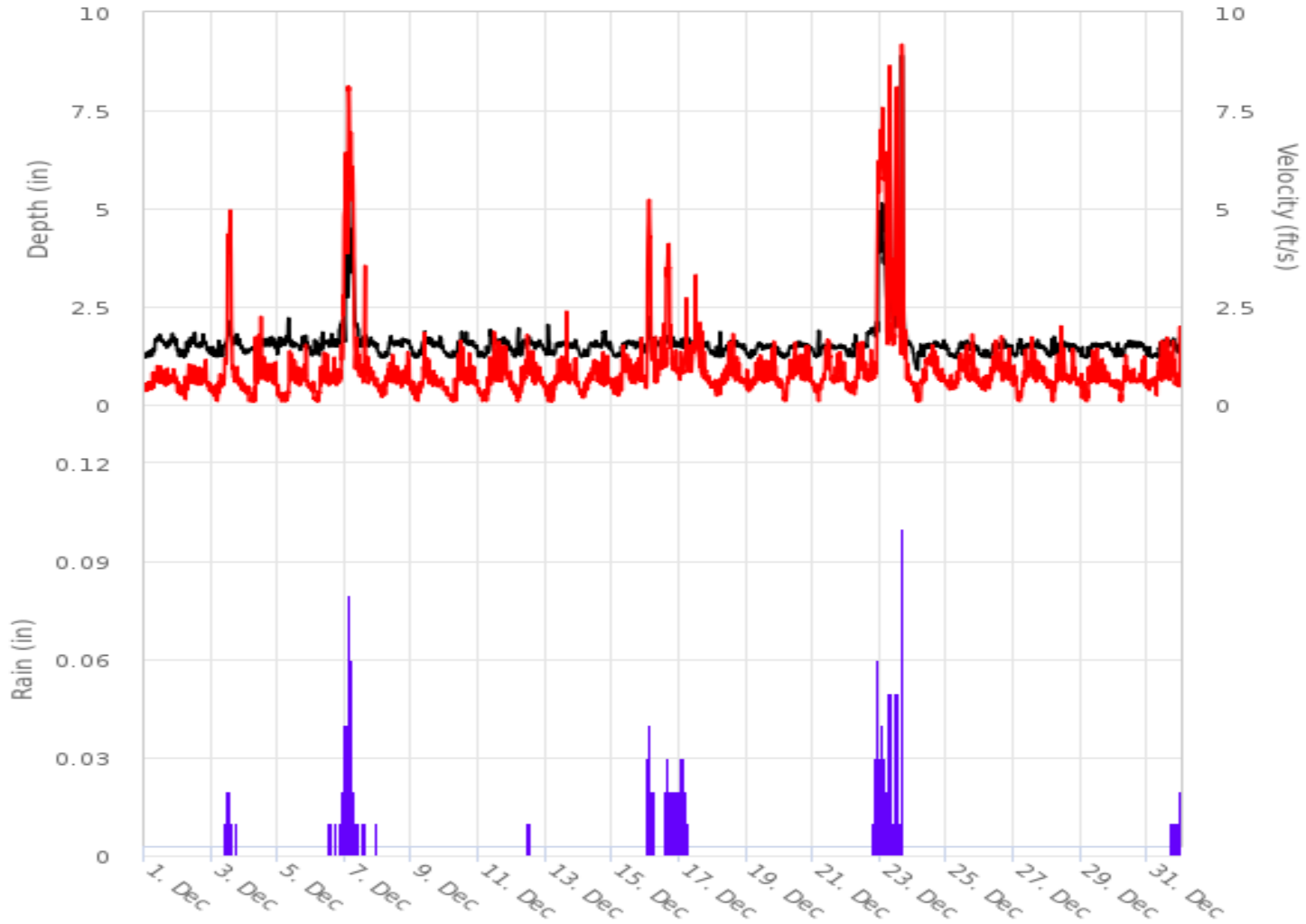
7th\_L\_CSO

Flow Monitor  
**7th\_L\_CSO**

Pipe Height  
14.25  
in

Report Period  
12/01/2022  
To  
12/31/2022

Legend  
— DFINAL  
— RAIN FINAL  
— VFINAL



# Scattergraph Report

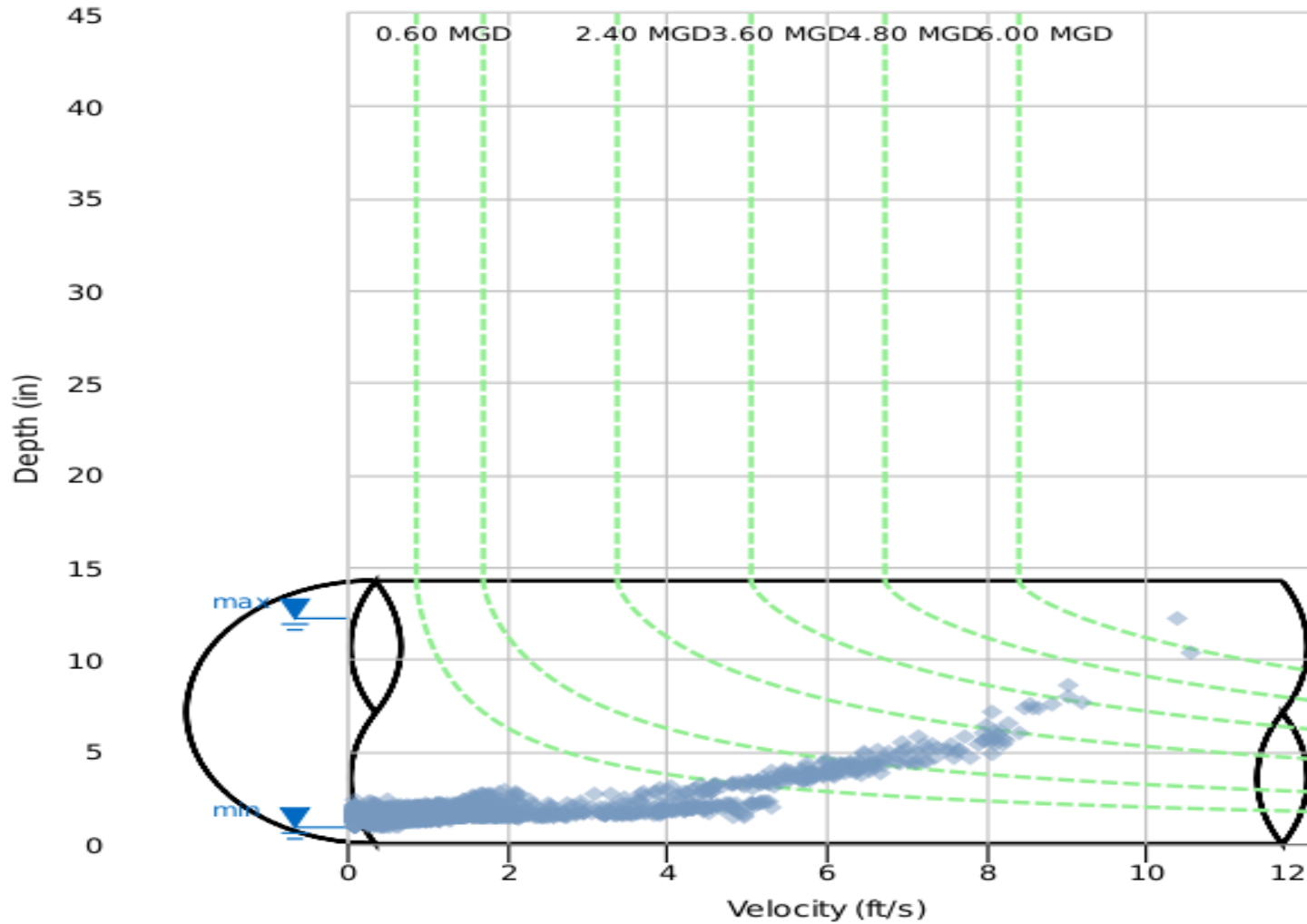
7th\_L\_CSO

Flow Monitor  
**7th\_L\_CSO**

Pipe Height  
14.25  
in

Report Period  
12/01/2022  
To  
12/31/2022

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



## Daily Tabular Report

12/01/2022 00:00 - 12/31/2022 23:59

7th\_L\_CSOPipe: Round (14.25 in H), Silt0.00 in

Date	DFINAL (in)					VFINAL (ft/s)					RAIN FINAL (in)
	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Total
12/01/2022	00:50	1.18	20:00	1.91	1.51	00:40	0.29	10:40	1.68	0.60	-
12/02/2022	04:40	1.21	08:55	2.05	1.47	02:30	0.09	11:15	1.93	0.58	-
12/03/2022	04:05	1.20	13:35	2.15	1.51	03:00	0.09	13:30	5.06	1.05	0.24
12/04/2022	23:20	1.26	23:55	1.89	1.49	02:35	0.09	07:45	3.19	0.62	-
12/05/2022	23:55	1.31	07:20	2.25	1.56	01:50	0.09	09:55	2.20	0.57	-
12/06/2022	00:30	1.23	22:55	2.20	1.60	02:15	0.07	23:55	5.07	0.84	0.27
12/07/2022	23:45	1.31	02:50	5.78	2.26	23:50	0.39	02:45	8.20	2.31	0.89
12/08/2022	05:45	1.20	17:25	1.84	1.48	02:30	0.09	22:10	2.21	0.63	-
12/09/2022	03:35	1.19	20:05	2.01	1.48	02:50	0.08	09:05	2.37	0.57	-
12/10/2022	05:55	1.20	15:00	1.98	1.46	03:40	0.09	12:15	2.49	0.57	-
12/11/2022	03:55	1.20	08:20	1.95	1.50	02:35	0.09	14:40	2.45	0.67	-
12/12/2022	01:45	1.21	04:30	1.96	1.49	03:05	0.09	10:50	2.96	0.66	0.04
12/13/2022	05:50	1.24	01:45	2.07	1.48	01:20	0.09	15:10	3.24	0.63	-
12/14/2022	02:00	1.20	19:00	1.92	1.48	03:25	0.08	12:20	1.92	0.63	-
12/15/2022	02:40	1.21	20:05	1.75	1.46	04:45	0.22	21:00	3.31	0.72	-
12/16/2022	00:10	1.31	02:20	2.24	1.63	00:15	0.37	02:20	5.28	1.74	1.06
12/17/2022	22:50	1.29	06:35	1.75	1.54	22:35	0.39	04:55	3.74	1.12	0.31
12/18/2022	05:00	1.08	05:25	2.34	1.43	02:50	0.09	12:05	2.56	0.71	-
12/19/2022	03:10	1.18	09:35	1.64	1.42	01:50	0.27	06:45	2.13	0.72	-
12/20/2022	03:25	1.18	14:30	1.67	1.42	02:50	0.09	11:25	2.68	0.72	-
12/21/2022	02:40	1.20	04:10	2.03	1.44	03:05	0.09	10:40	2.49	0.73	-
12/22/2022	03:25	1.21	23:15	4.42	1.72	05:50	0.09	23:00	6.31	1.15	0.49
12/23/2022	23:55	1.29	15:55	12.21	3.08	23:45	0.49	16:00	10.56	3.63	1.01
12/24/2022	03:30	0.88	05:30	1.87	1.39	02:40	0.09	13:35	2.59	0.73	-
12/25/2022	06:40	1.18	14:30	1.65	1.40	01:45	0.32	18:15	2.15	0.74	-
12/26/2022	07:10	1.20	17:05	1.78	1.40	03:55	0.09	10:25	2.73	0.79	-
12/27/2022	01:20	1.21	03:10	1.92	1.45	02:35	0.09	15:20	2.45	0.71	-
12/28/2022	02:20	1.21	03:55	2.37	1.44	03:35	0.09	10:00	2.72	0.69	-
12/29/2022	04:30	1.19	01:35	1.66	1.43	01:20	0.09	11:50	2.48	0.65	-
12/30/2022	01:45	1.21	17:20	1.75	1.44	04:45	0.09	20:55	1.74	0.63	-
12/31/2022	03:35	1.20	23:35	1.76	1.44	06:50	0.09	23:25	3.07	0.81	0.08

12/01/2022 00:00 - 12/31/2022 23:59

	DFINAL (in)	VFINAL (ft/s)	RAIN FINAL (in)
Total			4.39
Average	1.56	0.90	



# 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 **Thursday, 01 December 2022 to Saturday, 31 December 2022**, along with observed minimum and maximum data, are provided in the following table.

Zero (0) overflows recorded during the December reporting period.

Observed Flow Conditions	
Item	DFINAL (in)
Average	2.99
Minimum	1.96
Maximum	11.90
Min Time	12/11/2022 2:50:00 AM
Max Time	12/23/2022 3:55:00 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 and data on the graphical reports are based on the none average.

### DATA UPTIME

Data uptime observed during **Thursday, 01 December 2022 to Saturday, 31 December 2022** is provided in the following table:

Percent Uptime	
DFINAL (in)	100

# Hydrograph Report

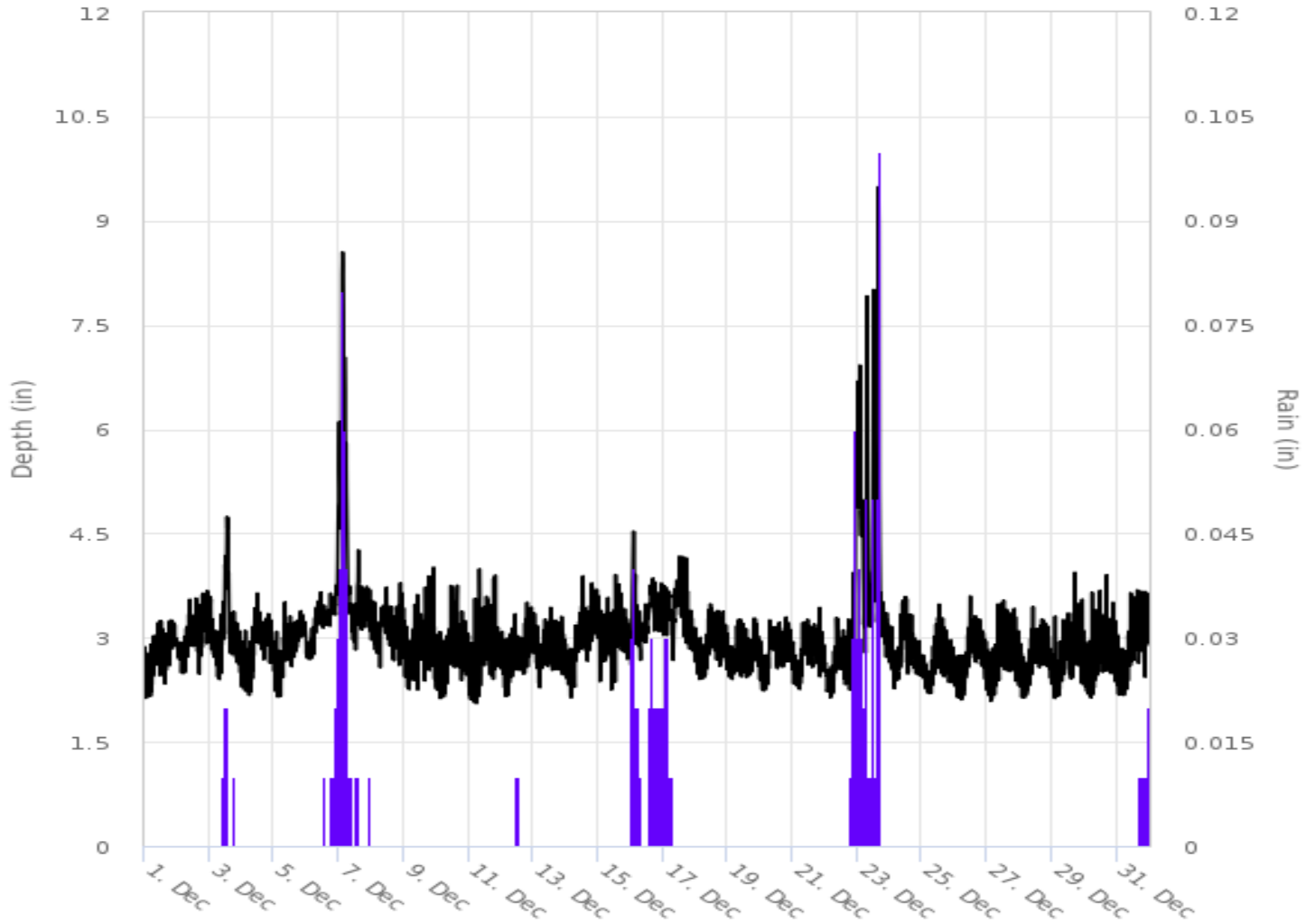
Ave\_A\_CSO

Flow Monitor  
**Ave\_A\_CSO**

Pipe Height  
21.00  
in

Report Period  
12/01/2022  
To  
12/31/2022

Legend  
— DFINAL  
— RAIN FINAL  
— VFINAL



## Daily Tabular Report

12/01/2022 00:00 - 12/31/2022 23:59

Ave\_A\_CSOPipe: Round (21 in H), Silt0.00 in

Date	DFINAL (in)					RAIN FINAL (in)
	Time	Min	Time	Max	Avg	Total
12/01/2022	01:05	2.01	21:10	3.99	2.77	-
12/02/2022	04:30	2.12	20:05	4.29	3.02	-
12/03/2022	05:15	2.12	13:30	5.03	3.13	0.24
12/04/2022	05:30	2.08	09:25	4.10	2.89	-
12/05/2022	02:55	2.09	20:35	4.19	2.91	-
12/06/2022	02:05	2.16	23:45	5.33	3.29	0.27
12/07/2022	11:10	2.25	02:45	8.89	4.06	0.89
12/08/2022	00:10	2.25	22:20	4.39	3.15	-
12/09/2022	03:15	2.20	02:00	4.54	2.91	-
12/10/2022	03:10	2.09	01:00	4.40	2.78	-
12/11/2022	02:50	1.96	03:50	4.33	2.84	-
12/12/2022	04:40	2.08	00:45	4.48	2.79	0.04
12/13/2022	05:40	2.07	14:20	4.18	2.87	-
12/14/2022	04:10	1.98	03:45	4.18	3.00	-
12/15/2022	00:40	2.25	15:45	4.22	3.11	-
12/16/2022	00:35	2.25	02:10	4.78	3.38	1.06
12/17/2022	00:40	2.25	12:25	4.42	3.36	0.31
12/18/2022	03:10	2.21	03:55	4.06	2.91	-
12/19/2022	06:30	2.25	19:55	4.13	2.79	-
12/20/2022	03:40	2.12	19:20	4.13	2.84	-
12/21/2022	03:20	2.10	20:05	4.16	2.82	-
12/22/2022	03:35	1.99	22:30	5.35	2.79	0.49
12/23/2022	23:40	2.61	15:55	11.90	4.30	1.01
12/24/2022	00:55	2.25	10:45	3.96	2.80	-
12/25/2022	06:35	2.09	12:50	4.15	2.63	-
12/26/2022	02:35	2.07	11:05	4.05	2.69	-
12/27/2022	04:25	2.04	07:05	4.15	2.76	-
12/28/2022	03:35	2.05	16:30	3.95	2.69	-
12/29/2022	03:20	2.08	02:40	4.33	2.78	-
12/30/2022	03:00	2.10	01:55	4.25	2.78	-
12/31/2022	02:25	2.08	17:50	4.27	2.89	0.08

12/01/2022 00:00 - 12/31/2022 23:59

	DFINAL (in)	RAIN FINAL (in)
Total		4.39
Average	2.99	

# 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 **Thursday, 01 December 2022 to Saturday, 31 December 2022**, along with observed minimum and maximum data, are provided in the following table.

Zero (0) overflows recorded during the December reporting 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	12/31/2022 11:55:00 PM	12/31/2022 11:55:00 PM	12/31/2022 11:55:00 PM
Max Time	12/01/2022 12:00:00 AM	12/01/2022 12:00:00 AM	12/01/2022 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 and data on the graphical reports are based on the none average.

### DATA UPTIME

Data uptime observed during **Thursday, 01 December 2022 to Saturday, 31 December 2022** is provided in the following table:

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

# Hydrograph Report

## CSO\_ChlorineChamber

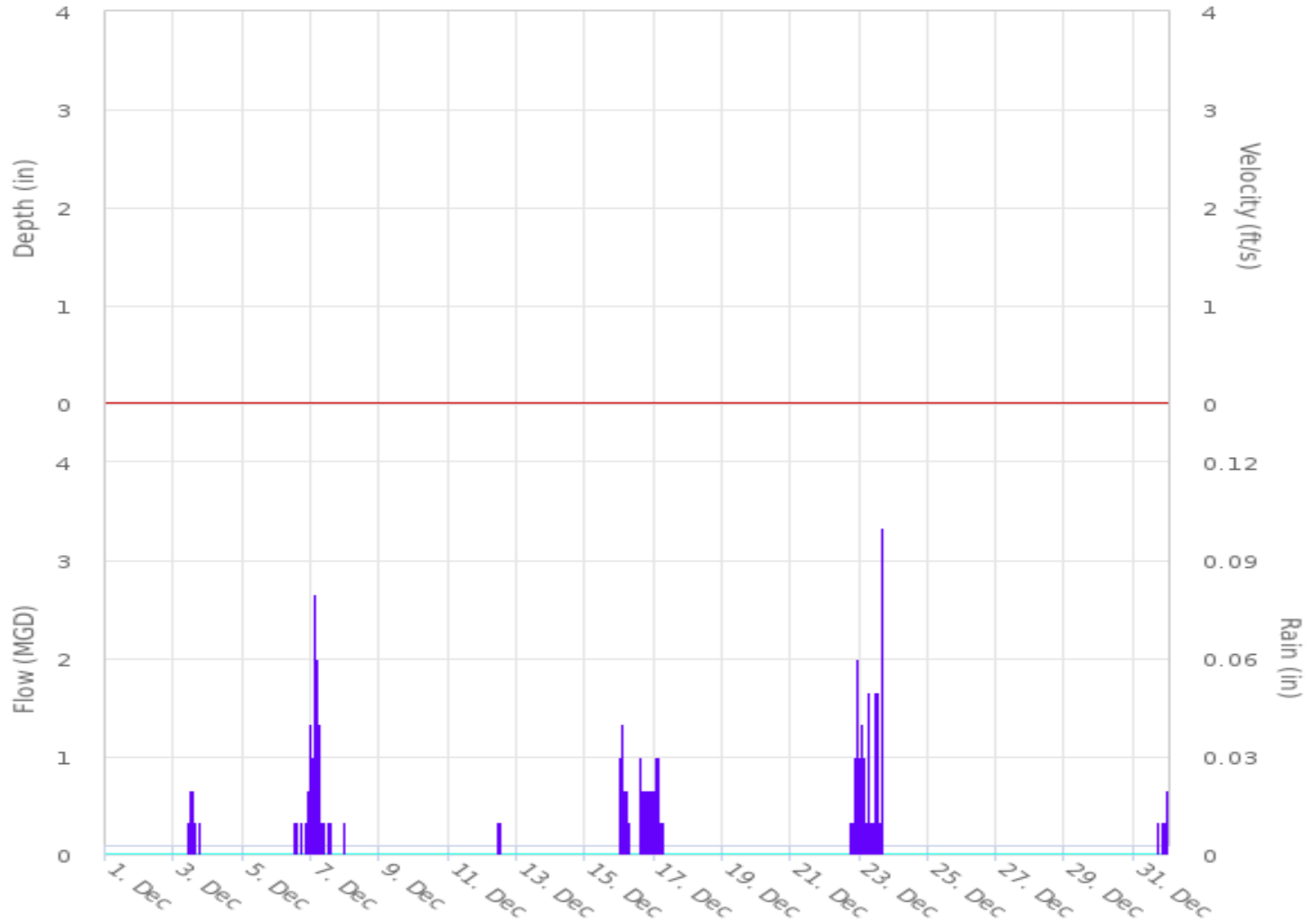
**Flow Monitor**  
CSO\_ChlorineChamber

Pipe Height  
24.38  
in

**Report Period**  
12/01/2022  
To  
12/31/2022

**Legend**

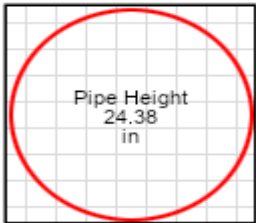
- DFINAL
- VFINAL
- QFINAL
- RAIN FINAL



# Scattergraph Report

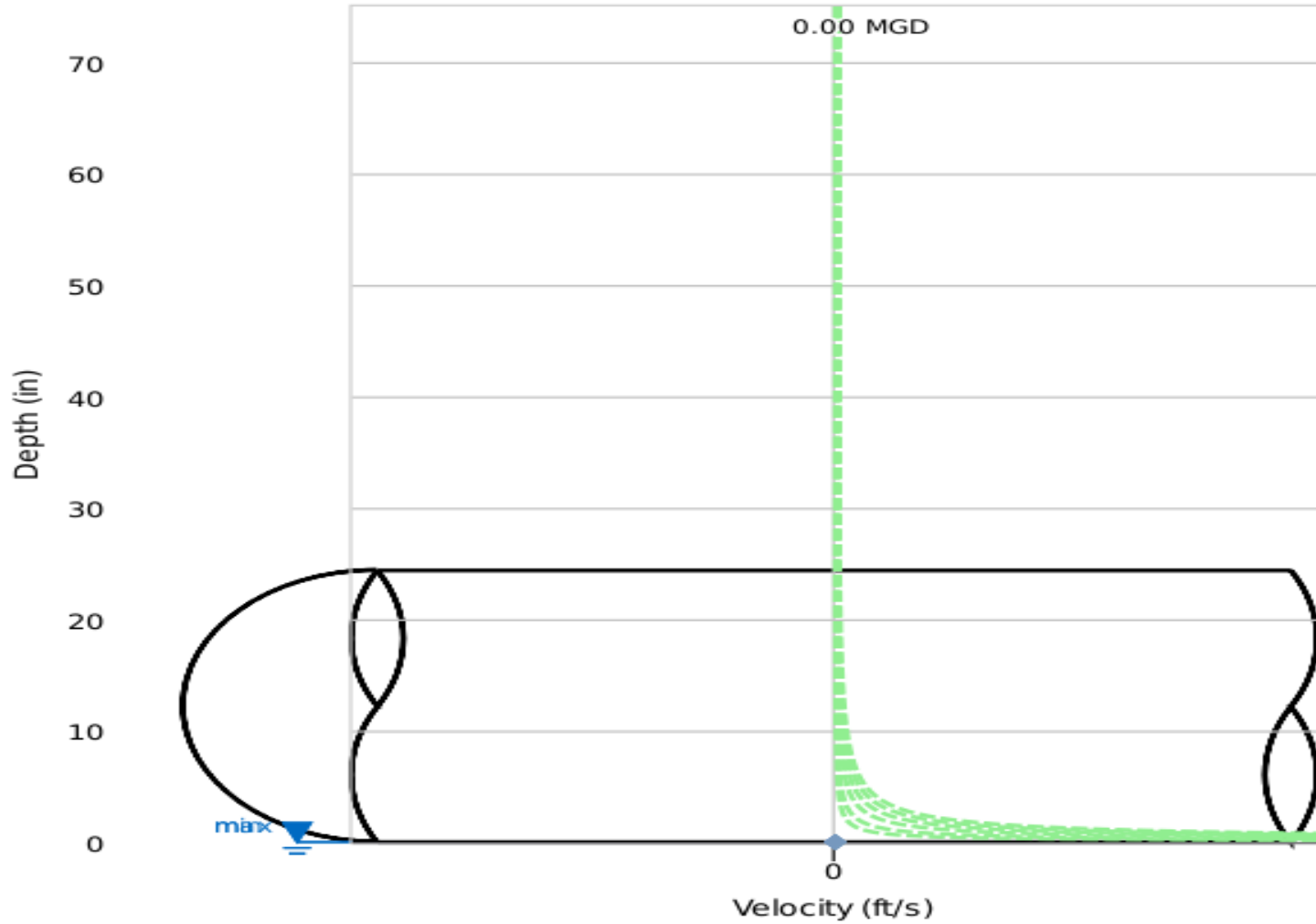
CSO\_ChlorineChamber

Flow Monitor  
CSO\_ChlorineChamber



Report Period  
12/01/2022  
To  
12/31/2022

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



## Daily Tabular Report

12/01/2022 00:00 - 12/31/2022 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 FINAL (in)	
	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Total	Total
12/01/2022	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	-
12/02/2022	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	-
12/03/2022	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	0.24
12/04/2022	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	-
12/05/2022	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	-
12/06/2022	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	0.27
12/07/2022	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	0.89
12/08/2022	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	-
12/09/2022	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	-
12/10/2022	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	-
12/11/2022	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	-
12/12/2022	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
12/13/2022	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	-
12/14/2022	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	-
12/15/2022	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	-
12/16/2022	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	1.06
12/17/2022	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	0.31
12/18/2022	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	-
12/19/2022	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	-
12/20/2022	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	-
12/21/2022	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	-
12/22/2022	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	0.49
12/23/2022	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	1.01
12/24/2022	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	-
12/25/2022	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	-
12/26/2022	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	-
12/27/2022	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	-
12/28/2022	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	-
12/29/2022	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	-
12/30/2022	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	-
12/31/2022	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	0.08

12/01/2022 00:00 - 12/31/2022 23:59

	DFINAL (in)	VFINAL (ft/s)	QFINAL (MGD - Total MG)	RAIN FINAL (in)
Total			0.000	4.39
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 **Thursday, 01 December 2022 to Saturday, 31 December 2022**, along with observed minimum and maximum data, are provided in the following table.

Zero (0) overflows recorded during the December reporting period.

Observed Flow Conditions		
Item	DFINAL (in)	VFINAL (ft/s)
Average	3.93	2.17
Minimum	1.90	0.80
Maximum	26.40	3.18
Min Time	12/31/2022 4:50:00 AM	12/23/2022 4:45:00 PM
Max Time	12/23/2022 4:40:00 PM	12/23/2022 7:25:00 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 and data on the graphical reports are based on the none average.

### DATA UPTIME

Data uptime observed during **Thursday, 01 December 2022 to Saturday, 31 December 2022** is provided in the following table:

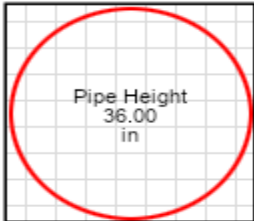
Percent Uptime	
DFINAL (in)	100
VFINAL (ft/s)	100
	0



# Hydrograph Report

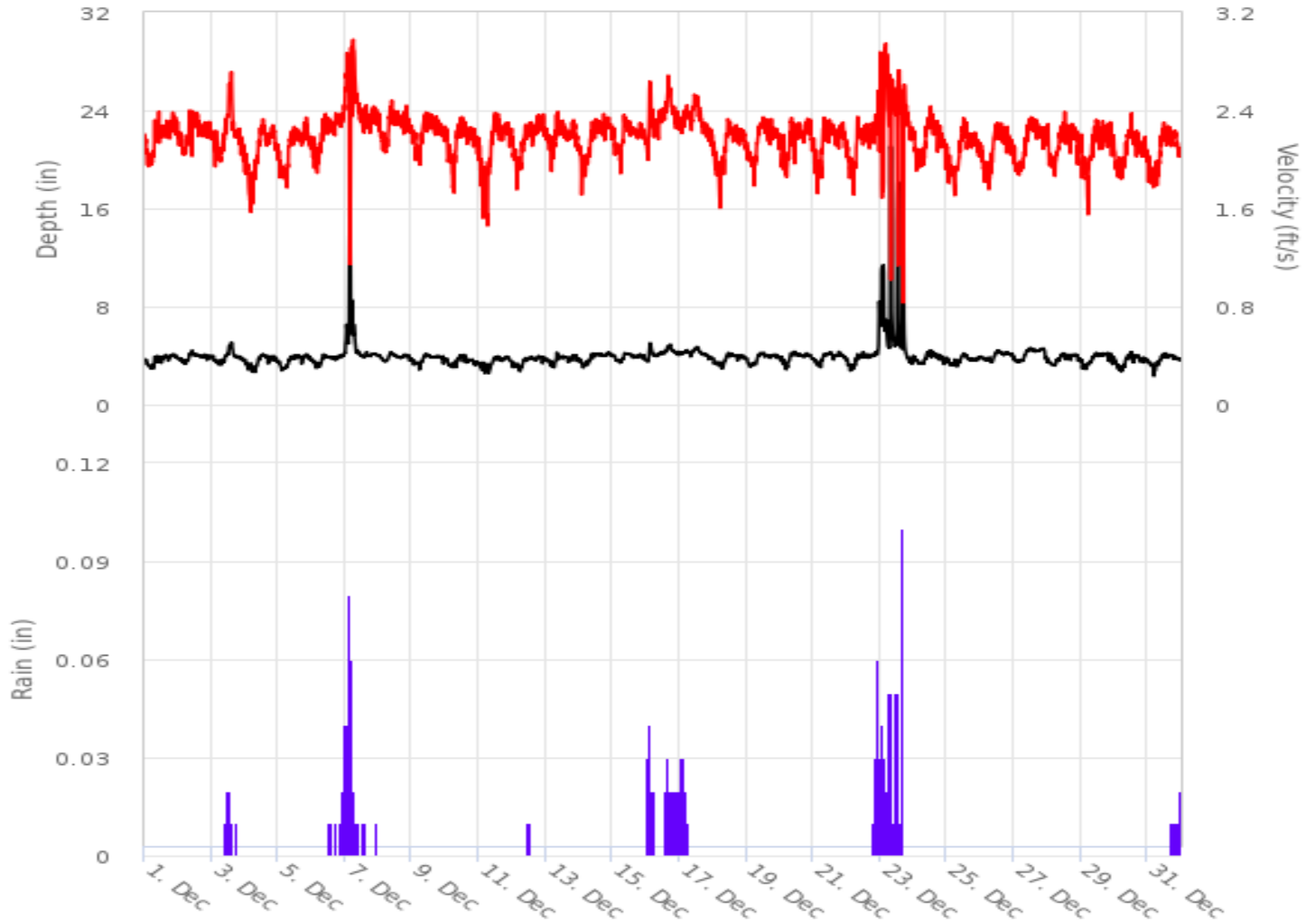
Greenfield\_CSO

Flow Monitor  
**Greenfield\_CSO**



Report Period  
12/01/2022  
To  
12/31/2022

Legend  
— DFINAL  
— RAIN FINAL  
— VFINAL



# Scattergraph Report

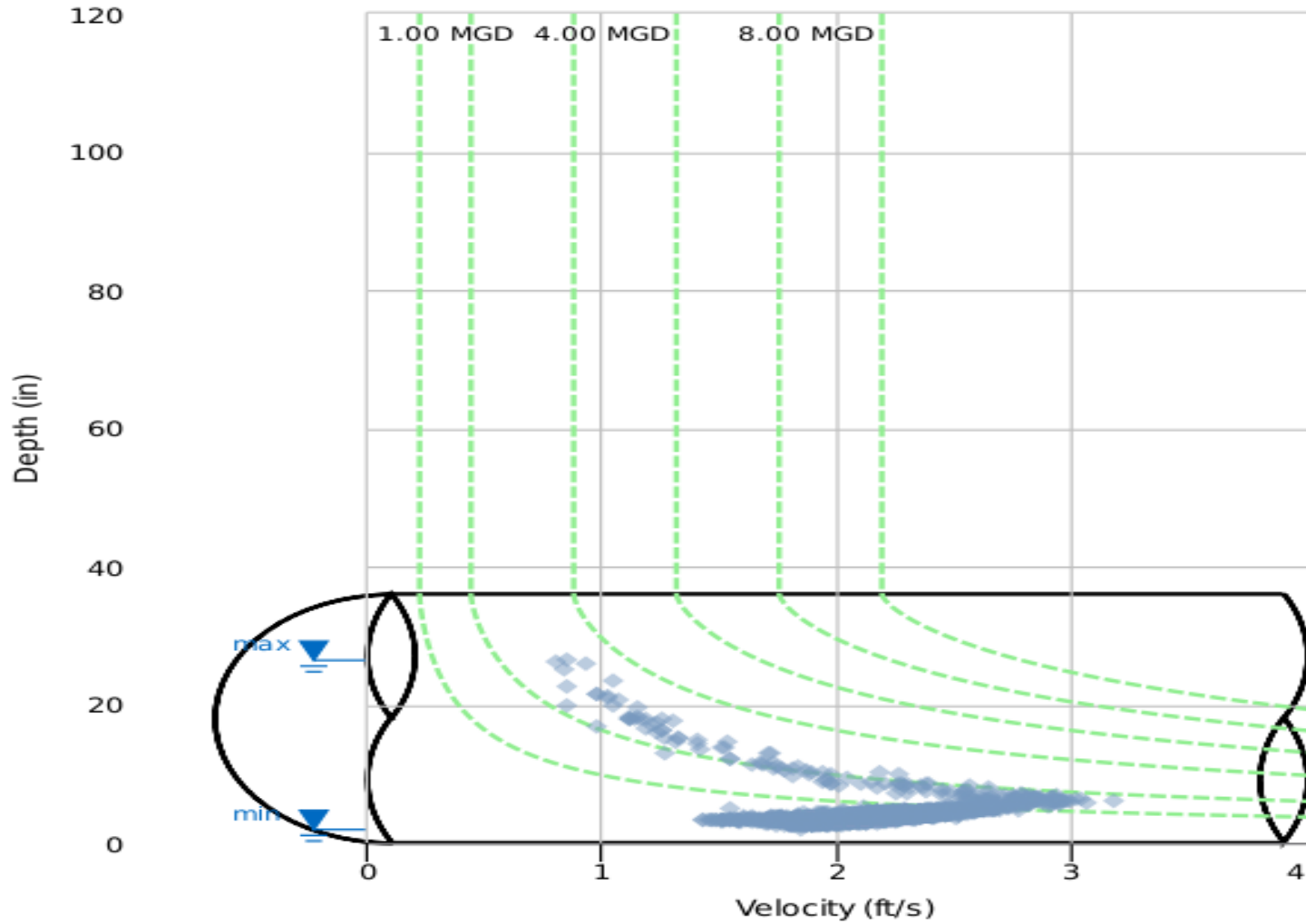
Greenfield\_CSO

Flow Monitor  
**Greenfield\_CSO**

Pipe Height  
36.00  
in

Report Period  
12/01/2022  
To  
12/31/2022

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



## Daily Tabular Report

12/01/2022 00:00 - 12/31/2022 23:59

Greenfield\_CSOPipe: Round (36 in H), Silt0.00 in

Date	DFINAL (in)					VFINAL (ft/s)					RAIN FINAL (in)
	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Total
12/01/2022	05:35	2.62	20:45	4.16	3.68	02:15	1.91	10:20	2.44	2.18	-
12/02/2022	05:40	3.31	10:10	4.84	3.86	10:10	1.54	08:55	2.46	2.23	-
12/03/2022	07:00	3.21	14:25	5.11	3.86	23:55	1.82	14:25	2.73	2.21	0.24
12/04/2022	05:55	2.42	13:05	4.12	3.54	05:45	1.51	13:00	2.36	2.06	-
12/05/2022	02:25	2.56	20:20	4.12	3.62	06:25	1.74	20:55	2.47	2.11	-
12/06/2022	03:20	2.81	23:30	4.25	3.72	04:05	1.82	23:55	2.52	2.23	0.27
12/07/2022	14:05	3.83	03:35	18.05	5.10	03:35	1.12	05:55	3.07	2.41	0.89
12/08/2022	22:20	3.35	09:00	4.28	3.88	04:30	2.00	13:40	2.52	2.28	-
12/09/2022	05:15	2.70	10:30	4.19	3.72	05:55	1.87	09:25	2.40	2.23	-
12/10/2022	07:35	2.85	13:40	4.12	3.54	06:15	1.70	12:00	2.40	2.15	-
12/11/2022	07:00	2.37	20:00	3.96	3.47	06:25	1.43	11:50	2.51	2.09	-
12/12/2022	05:25	2.46	17:50	4.02	3.54	03:30	1.68	19:40	2.40	2.17	0.04
12/13/2022	06:05	2.77	08:00	4.42	3.71	04:25	1.83	08:50	2.42	2.20	-
12/14/2022	02:50	2.76	21:10	4.27	3.83	01:50	1.67	17:50	2.41	2.16	-
12/15/2022	05:20	3.39	08:50	4.22	3.88	05:50	1.82	08:25	2.40	2.20	-
12/16/2022	01:35	3.43	03:00	5.03	4.26	01:40	1.89	16:10	2.78	2.35	1.06
12/17/2022	21:00	3.50	12:40	4.98	4.20	22:35	2.05	11:00	2.59	2.32	0.31
12/18/2022	06:50	2.66	11:20	4.25	3.72	05:15	1.57	10:50	2.37	2.11	-
12/19/2022	03:05	2.79	09:55	4.31	3.79	05:50	1.71	15:35	2.42	2.15	-
12/20/2022	05:25	2.67	10:40	4.42	3.84	04:25	1.72	19:15	2.38	2.16	-
12/21/2022	05:35	2.76	18:35	4.53	3.85	03:20	1.65	11:40	2.38	2.16	-
12/22/2022	02:45	2.58	23:35	8.54	3.90	05:20	1.69	23:15	2.67	2.15	0.49
12/23/2022	23:15	3.25	16:40	26.40	7.05	16:45	0.80	07:25	3.18	2.28	1.01
12/24/2022	22:00	3.20	11:55	4.42	3.82	02:25	1.87	12:40	2.48	2.15	-
12/25/2022	07:55	3.12	14:30	4.21	3.62	05:50	1.64	12:05	2.37	2.08	-
12/26/2022	08:00	3.39	13:25	4.42	3.98	06:35	1.72	15:15	2.39	2.09	-
12/27/2022	02:55	3.44	12:30	4.70	4.11	01:25	1.85	13:55	2.38	2.14	-
12/28/2022	05:55	3.16	11:55	4.32	3.75	22:10	1.83	12:55	2.49	2.13	-
12/29/2022	03:45	2.76	21:35	4.38	3.75	05:30	1.51	19:55	2.36	2.11	-
12/30/2022	04:50	2.53	12:30	4.34	3.61	05:45	1.80	12:40	2.46	2.07	-
12/31/2022	04:50	1.90	13:05	4.24	3.65	07:00	1.65	12:05	2.34	2.06	0.08

12/01/2022 00:00 - 12/31/2022 23:59

	DFINAL (in)	VFINAL (ft/s)	RAIN FINAL (in)
Total			4.39
Average	3.93	2.17	

# RG1

## Site Commentary

### DATA UPTIME

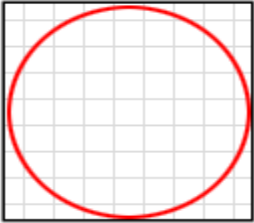
Data uptime observed during **Thursday, 01 December 2022 to Saturday, 31 December 2022** is provided in the following table:

Percent Uptime	
RAINFINAL (in)	100

# Hydrograph Report

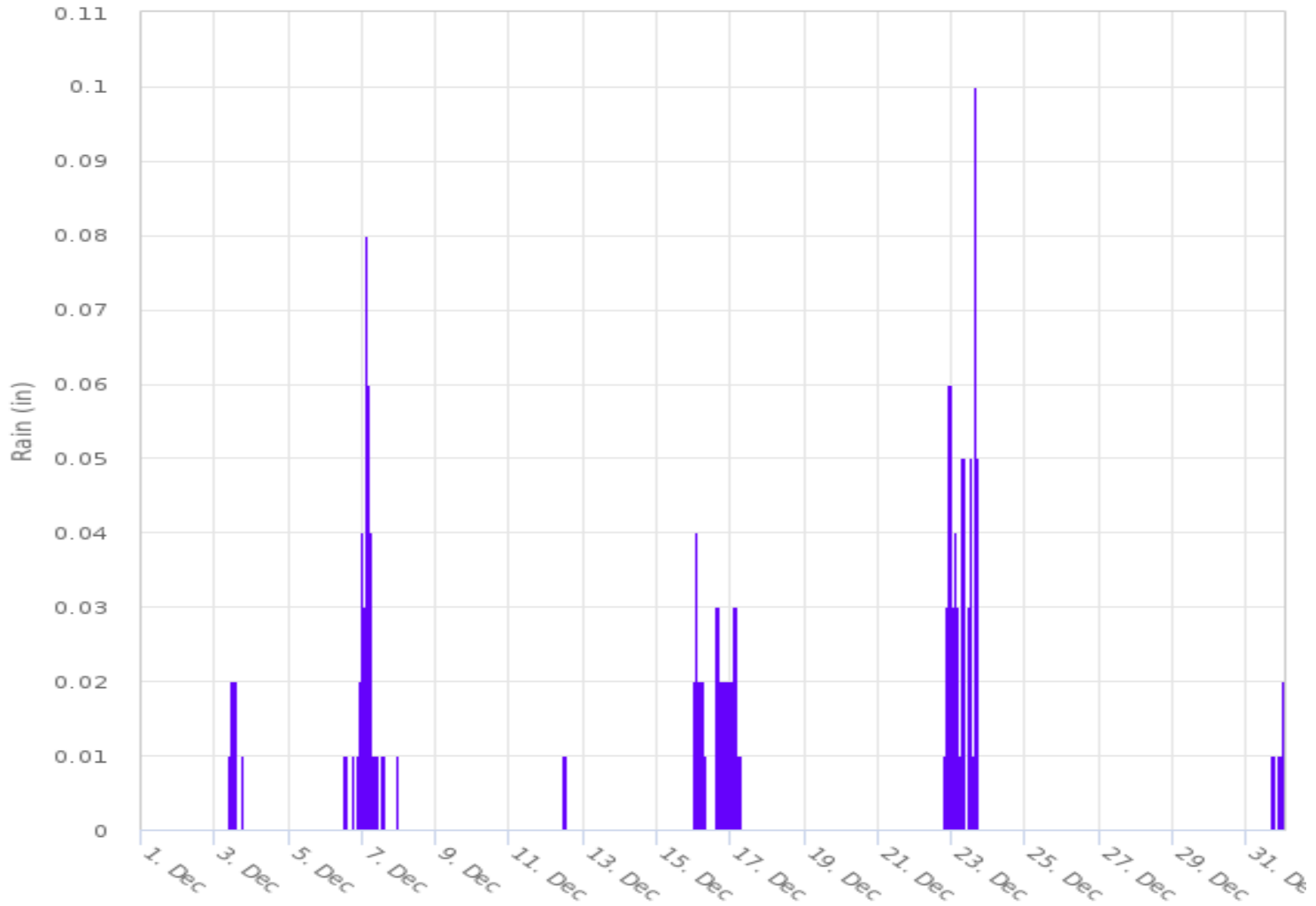
RG1

Rain Gauge  
**RG1**



Report Period  
12/01/2022  
To  
12/31/2022

Legend  
— DFINAL  
— RAIN FINAL  
— VFINAL



## Daily Tabular Report

12/01/2022 00:00 - 12/31/2022 23:59

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

Date	RAIN FINAL (in) Total
12/01/2022	-
12/02/2022	-
12/03/2022	0.24
12/04/2022	-
12/05/2022	-
12/06/2022	0.27
12/07/2022	0.89
12/08/2022	-
12/09/2022	-
12/10/2022	-
12/11/2022	-
12/12/2022	0.04
12/13/2022	-
12/14/2022	-
12/15/2022	-
12/16/2022	1.06
12/17/2022	0.31
12/18/2022	-
12/19/2022	-
12/20/2022	-
12/21/2022	-
12/22/2022	0.49
12/23/2022	1.01
12/24/2022	-
12/25/2022	-
12/26/2022	-
12/27/2022	-
12/28/2022	-
12/29/2022	-
12/30/2022	-
12/31/2022	0.08

12/01/2022 00:00 - 12/31/2022 23:59

	RAIN FINAL (in)
Total	4.39