City of Elkins
Semi-Annual
CSO Summary Report
NPDES Permit No. WV0020028

Report Certification:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

X Whitney L Hymes
Signature of Authorized Representative

X 4/10/2025
Date

X Whitney L. Hymes
Printed Name of Authorized Representative

X ~~4/10/2025~~ WLH 4/14/25 Wastewater Superintendent / Chief Operator
Title of Authorized Representative

X
Signature of Preparer

X 4/10/2025
Date

X Joseph Johnson
Printed Name of Preparer

X CSO Tech
Title of Preparer

Attachment A
CSO Summary Report

CSO Community: City of Elkins
Reporting Period: 4th Quarter of 2024 1st Quarter of 2025
Prepared By: Joseph Johnson
Date Submitted:4/10/2025

Comments on Nine Minimum Controls activity during the past reporting period

1) O&M Plan- Line maintenance included: Cleaned 14 main lines for approximately 4049ft repaired 4 sewer mains replaced 1 sewer main. Cleaned/unplugged 15 sewer taps around 555ft, installed 1 new tap repaired 5 sewer taps set 1 new manhole section. Lift station maintenance included routine inspections, cleaning floats, and trash baskets. Unplugged pumps, had pumps rebuilt, repaired pump guide rails, cleaned wet wells. Performed maintenance and repair of generators. Maintained buildings and grounds, and maintained lift station access roads. Collection system personnel responded to various complaints, worked 7 call-outs, responded to 1 locate requests, and 2 emergency locates and maintained equipment. Assisted other departments and outside agencies on occasion. Safety meetings continue. CSO maintenance included inspecting outfalls, duckbills and flappers, and regulators, maintaining and downloading flow meters and rain gauges, and removing debris and trimming weeds at outfalls. Removed debris from regulator manholes. Maintained screening devices at two outfalls.

2) Maximize storage in collection system- Activities to maximize storage for the report period involved maintaining existing equipment and operations through inspections and repair of lift stations, line cleaning and repair, inspections of CSO structures such as regulators to detect any blockages, and backflow preventers for proper operation, and maintaining repair/service equipment and inventory.

3) Review and modification of pretreatment requirements- Inspection of grease traps and oil/water separators continue.

4) Maximization of flow to POTW for treatment- See #1 above for ongoing activities: Inspection and maintenance of the collection system and CSOs. Maintain flow meters. Review flow meter and rain gauge data to determine there were no prolonged or unnecessary discharges.

5) Elimination of CSO dry weather events- See #1 above: line cleaning and repair, lift station inspections, maintenance and repair, inspecting regulators, CSO inspections.

6) Control of solids and floatable materials- Trash baskets at lift stations, catch basins cleaning, garbage collection, regularly scheduled street sweeping, trash containers located throughout the downtown area and parks, voluntary community recycling. Baffle and trash basket on overflow pipe for outfall #020. Rip-rap at outfalls. Fall leaf pick-up. Debris screens on Outfall #004 and #005. Yard waste recycling program and glass recycling.

7) Pollution prevention- See #1&6. Pamphlets and other information are available to the public at City Hall. Informational literature on the city's web site.

8) Public notification- Signs at outfalls and at river access points. Reports, pamphlets and other information are available to the public at City Hall. Annual legal notice was published in the second quarter of 2024 and will be published again in the second quarter of 2025. Informational literature on the city's web site.

9) Monitoring to characterize CSO impacts- Visually inspect CSOs and observe the conditions and appearance of the river and surrounding area near the outfalls for any adverse conditions and remove any debris as necessary. Utilize two rain gauges as well as flow meters on all fourteen of the outfalls. Review flow meter and rain data to determine frequency of discharges and that there were no prolonged or unnecessary discharges.

Wet Weather Events

10) Number of CSO wet weather events that occurred during the last reporting period-38

11) Estimated duration of CSO discharge (gallons or time)- Duration for the period was a total of 4490hrs and 9 min. However, flow was intermittent over that period. Total flow from the CSOs is estimated at 100,531,949.40 gallons. Duration and flow is recorded on fourteen flow meters. Total precipitation for the reporting period was 24.29" inches.

12) Number of CSO wet weather events YTD- There have been 21 wet weather events in the 1st quarter 2025.

Dry Weather Events

13) Number of CSO dry weather events that occurred during the last reporting period-14

14) Date(s) of dry weather event(s)10/24-10/25,11/3,11/4,11/5,11/9,1/25-1/27,2/19,3/10,3/11,3/12,3/13,3/14,3/18,3/19

15) Cause(s) of the discharge(s) Vehicle accident damaged a fire hydrant. Blockage on S.interceptor. Pump was blocked with grit concrete and debris. Force main was broke had to shut down lift station to fix line. Line was blocked with grit,gravel,rags and line was full. Roots and rags had line plugged.

16) Summarize actions taken to flush, recover or treat residual material- Picked up rages. Used Vacter truck to clean lines and clean grit and roots out of pipes. Used truck to suck up residual material in river.

17) Corrective action taken to prevent re-occurrence-. Clean lines check stations. Clean lines on a schedule.

18) Number of CSO dry weather events occurred YTD-9

19) How are CSO outfall discharges determined during the weekends? Outfalls which may pose a concern for DWOs are inspected during dry weather by Wastewater Dept. personnel. Also, flow meters are located at fourteen outfalls, as a means of determining if a discharge has occurred.

20) In what ways is I/I being eliminated? i.e. elimination of roof drains, manhole rehabilitation, etc. Maintenance of sewer & storm lines, inspection of outfall structures.

21) In what ways are solids and floatable material being controlled? i.e. cleaning of streets, cleaning of catch basins, trash racks, outfall booms, etc. See #6 above.

22) Do all CSO outfalls have posted warning signs? Yes

23) Has there been any change in the Operation and Maintenance Program? i.e. change in inspection/repair records, equipment list, procedures/letters, drawings, personnel, etc.
No changes to report at this time.

24) Summarize the status of the following project work activities.

Water Quality Study: Completed Phase 2 post construction monitoring report for dry and wet weather.
Long Term Control Plan: City and their engineers sent in new LTCP which includes a phase 3 separation project in addition to other upgrades to the wastewater collection system and treatment plant. Submitted revised LTCP to USEPA for review and comments. Legel counsel and the EPA are still going over it for approval.

25) Has annual newspaper notification been published? The 2024 ad was published in the second quarter of 2024 and the 2025 ad will be published in the second quarter of 2025.

26) Are there CSO pamphlets available for distribution to the public? Yes. Located at City Hall.

Provide copies of inspection forms for inspecting CSO discharges. Information on forms should include:

1) Name of inspector
2) Time and date of inspection
3) Outfall No.(s)
4) Comment about whether discharging or not
5) Estimated starting and stopping times of discharge
6) Estimated total volume (time) of material discharge
7) Estimated rainfall for previous 24 hours
8) Submit copy of any submitted 24 hour spill report

CITY OF ELKINS
Permit # WV0020028
Monthly CSO Inspection/Discharge Report
October 2024

Outfall #	Location	Receiving Stream	Inspection Date/Time	Backflow Device	Signs	Regulator	General Conditio	Discharge Y/N	Discharge W/D	Cause	Precipitation Est. Amt.	Precipitation Start Date	Precipitation Stop Date	Discharge Estimated Start Date/Time	Discharge Estimated Stop Date/Time	Est. Duration Hrs/Min	Est. Flow GPM	Est. Total Flow	Comments or Corrective Action	Operator
002	Barron Ave.	Tygart Valley River	10/1/2024 3:30PM	☑	☑	N/A	☑	Y	W	RAIN	1.03	10/1/24	10/3/24	10/1/24 3:30 PM	10/2/24 2:45 PM	15:00	264.92	238428.00	Data from flow meter	JJ
																			Data from flow meter	JJ
003	Cherokee Street	Tygart Valley River																	Data from flow meter	JJ
																			Data from flow meter	JJ
004	Henry Ave.	Tygart Valley River	10/1/2024 3:15PM	☑	☑	GOOD	☑	Y	W	RAIN	1.03	10/1/24	10/03/24	10/1/24 3:15 PM	10/2/24 2:45 PM	13:45	291.07	240132.75	Data from flow meter	JJ
			10/6/2024 11:45PM	☑	☑	GOOD	☑	Y	W	RAIN	0.27	10/6/24	10/7/24	10/6/24 11:45 PM	10/7/24 12:45 AM	1:00	398.58	23914.80	Data from flow meter	JJ
			10/15/2024 7:00AM	☑	☑	GOOD	☑	Y	W	RAIN	0.75	10/15/24	10/17/24	10/15/24 7:00 AM	10/15/24 7:45 AM	0:45	271.67	12225.15	Data from flow meter	JJ
			10/16/2024 7:15PM	☑	☑	GOOD	☑	Y	W	RAIN	0.75	10/15/24	10/17/24	10/16/24 7:15 PM	10/16/24 7:15 PM	0:01	96.89	96.89	Data from flow meter	JJ
005	Kerens Ave.	Tygart Valley River	10/1/2024 3:15PM	☑	☑	N/A	☑	Y	W	RAIN	1.03	10/1/24	10/03/24	10/1/24 3:15 PM	10/2/24 10:45 AM	9:15	349.03	193711.65	Data from flow meter	JJ
			10/6/2024	☑	☑	N/A	☑	Y	W	RAIN	0.27	10/6/24	10/7/24	10/6/2024	10/7/2024	1:00	491.24	29474.40	Data from flow meter	JJ
			10/15/2024 7:00AM	☑	☑	N/A	☑	Y	W	RAIN	0.75	10/15/24	10/17/24	10/15/24 7:00 AM	10/15/24 7:30 AM	0:30	247.23	7416.90	Data from flow meter	JJ
006	Davis Ave.	Tygart Valley River	10/1/2024 3:15PM	☑	☑	GOOD	☑	Y	W	RAIN	1.03	10/1/24	10/03/24	10/1/24 3:15 PM	10/2/24 7:15 AM	1:45	199.09	20904.45	Data from flow meter	JJ
			10/6/2024 11:30PM	☑	☑	GOOD	☑	Y	W	RAIN	0.27	10/6/24	10/7/24	10/6/24 11:30 PM	10/7/24 12:15 AM	0:30	81.93	2457.90	Data from flow meter	JJ
007	R.R. Ave./1st. Street	Tygart Valley River																	Data from flow meter	JJ
																			Data from flow meter	JJ
008	Worth Ave.	Tygart Valley River	10/1/2024 6:00PM	☑	☑	N/A	☑	Y	W	RAIN	1.03	10/1/24	10/3/24	10/1/24 6:00 PM	10/2/24 7:30 AM	2:30	551.17	82675.50	Data from flow meter	JJ
			10/6/2024 11:45PM	☑	☑	N/A	☑	Y	W	RAIN	0.27	10/6/24	10/07/24	10/6/24 11:45 PM	10/7/24 12:15 AM	0:30	488.27	14648.10	Data from flow meter	JJ
			10/24/2024 1:45PM	☑	☑	N/A	☑	Y	D	F/H				10/24/24 1:45 PM	10/24/24 6:45 PM	4:15	705.32	179856.60	Data from flow meter	JJ

009	Lower Pleasant Ave.	Cravens Run																	Data from flow meter	JJ
																			Data from flow meter	JJ
011	Mt. View Dr.	Tygart Valley River	10/1/2024 8:00PM	☑	☑	N/A	☑	Y	W	RAIN	1.03	10/1/24	10/3/24	10/1/24 8:00 PM	10/2/24 11:00 AM	7:00	16.22	6812.40	Data from flow meter	JJ
			10/24/2024 8:30PM	☑	☑	N/A	☑	Y	D	F/H				10/24/24 8:30 PM	10/25/24 2:45 AM	6:15	15.64	5865.00	Data from flow meter	JJ
016	R.R. Ave./10th. Street	Tygart Valley River	10/1/2024 9:45AM	☑	☑	N/A	☑	Y	W	RAIN	1.03	10/1/24	10/3/24	10/1/24 9:45 AM	10/3/24 9:45 AM	35:00	335.3	704130.00	Data from flow meter	JJ
			10/6/2024 11:45PM	☑	☑	N/A	☑	Y	W	RAIN	0.27	10/6/24	10/7/24	10/6/24 11:45 PM	10/7/24 1:30 AM	1:45	414.95	43569.75	Data from flow meter	JJ
			10/15/2024 6:45AM	☑	☑	N/A	☑	Y	W	RAIN	0.75	10/15/24	10/17/24	10/15/24 6:45 AM	10/15/24 7:30 PM	3:45	171.94	38686.50	Data from flow meter	JJ
			10/16/2024 9:30AM	☑	☑	N/A	☑	Y	W	RAIN	0.75	10/15/24	10/17/24	10/16/24 9:30 AM	10/16/24 10:15 PM	4:00	47.38	11371.20	Data from flow meter	JJ
			10/26/2024 12:00AM	☑	☑	N/A	☑	Y	W	RAIN	0.06	10/25/24	10/26/24	10/26/24 12:00 AM	10/26/24 12:15 AM	0:15	4.97	74.55	Data from flow meter	JJ
																			Data from flow meter	JJ
017	S. Davis Ave.	Tygart Valley River	10/1/2024 3:15PM	☑	☑	N/A	☑	Y	W	RAIN	1.03	10/1/24	10/3/24	10/1/24 3:15 PM	10/2/24 8:15 AM	4:00	132.74	31857.60	Data from flow meter	JJ
			10/6/2024 11:45PM	☑	☑	N/A	☑	Y	W	RAIN	0.27	10/6/24	10/7/24	10/6/24 11:45 PM	10/7/24 12:30 AM	0:45	100.22	4509.90	Data from flow meter	JJ
			10/15/2024 7:00AM	☑	☑	N/A	☑	Y	W	RAIN	0.75	10/15/24	10/17/24	10/15/24 7:00 AM	10/15/24 7:30 AM	0:30	2.05	61.50	Data from flow meter	JJ
																			Data from flow meter	JJ
018	S. Kerens Ave.	Tygart Valley River	10/1/2024 3:15PM	☑	☑	GOOD	☑	Y	W	RAIN	1.03	10/1/24	10/3/24	10/1/24 3:15 PM	10/2/24 7:45 AM	5:45	230.99	79691.55	Data from flow meter	JJ
			10/6/2024 11:45PM	☑	☑	GOOD	☑	Y	W	RAIN	0.27	10/6/24	10/07/24	10/6/24 11:45 PM	10/7/24 12:00 AM	0:15	237.31	3559.65	Data from flow meter	JJ
																			Data from flow meter	JJ
019	S. Henry Ave.	Tygart Valley River	10/1/2024 3:15PM	☑	☑	GOOD	☑	Y	W	RAIN	1.03	10/1/24	10/3/24	10/1/24 3:15 PM	10/2/24 7:30 AM	2:00	167.3	20076.00	Data from flow meter	JJ
			10/7/2024 12:15AM	☑	☑	GOOD	☑	Y	W	RAIN	0.27	10/6/24	10/07/24	10/7/24 12:15 AM	10/7/24 12:15 AM	0:01	57.18	57.18	Data from flow meter	JJ
020	Flood Control Road	Tygart Valley River	10/1/2024 8:00PM	☑	☑	N/A	☑	Y	W	RAIN	1.03	10/1/24	10/3/24	10/1/24 8:00 PM	10/1/24 9:00 PM	1:00	200.22	12013.20	Data from flow meter	JJ
			10/3/2024 6:00AM	☑	☑	N/A	☑	Y	W	RAIN	1.03	10/1/24	10/03/24	10/3/24 6:00 AM	10/3/24 11:30 AM	1:00	122.09	7325.40	Data from flow meter	JJ

Monthly Precipitation	2.11in	
Total Estimated Monthly Discharge		**2015604.47**
Events Summary	**Wet Weather Events: 4**	**Dates: 10/1-10/3,10/6-10/7,10/15-10/17,10/25-10/26**
	Dry Weather Events: 1	**Dates: 10/24-10/25**
	Total Events: 5	

CITY OF ELKINS
Permit # WV0020028
Monthly CSO Inspection/Discharge Report
November 2024

Outfall #	Location	Receiving Stream	Inspection Date/Time	Backflow Device	Signs	Regulator	General Condition	Discharge Y/N	Discharge W/D	Cause	Precipitation Est. Amt.	Precipitation Start Date	Precipitation Stop Date	Discharge Estimated Start Date/Time	Discharge Estimated Stop Date/Time	Est. Duration Hrs/Min	Est. Flow GPM	Est. Total Flow	Comments or Corrective Action	Operator
002	Barron Ave.	Tygart Valley River	11/14/2024 10:15AM	☑	☑	N/A	☑	Y	W	RAIN	1.42	11/14/24	11/18/24	11/14/24 10:15 AM	11/15/24 3:30 PM	29:15	206.74	362828.70	Data from flow meter	JJ
			11/23/2024 12:30AM	☑	☑	N/A	☑	Y	W	R/S	2.15	11/20/24	11/24/24	11/23/24 12:30 AM	11/23/24 7:15 PM	18:45	462.88	520740.00	Data from flow meter	JJ
			11/26/2024 3:15AM	☑	☑	N/A	☑	Y	W	R/S	1.12	11/25/24	11/30/24	11/26/24 3:15 AM	11/26/24 10:30 AM	7:15	344.53	149870.55	Data from flow meter	JJ
																			Data from flow meter	JJ
003	Cherokee Street	Tygart Valley River																	Data from flow meter	JJ
																			Data from flow meter	JJ
004	Henry Ave.	Tygart Valley River	11/1/2024 7:30AM	☑	☑	GOOD	☑	Y	W	RAIN	0.17	11/1/24	11/02/24	11/1/24 7:30 AM	11/1/24 7:30 AM	0:01	224.67	224.67	Data from flow meter	JJ
			11/14/2024 9:15AM	☑	☑	GOOD	☑	Y	W	RAIN	1.42	11/14/24	11/18/24	11/14/24 9:15 AM	11/15/24 4:15 AM	12:45	188.27	144026.55	Data from flow meter	JJ
			11/20/2024 3:45PM	☑	☑	GOOD	☑	Y	W	R/S	2.15	11/20/24	11/24/24	11/20/24 3:45 PM	11/20/24 6:45 PM	1:00	196.14	11768.40	Data from flow meter	JJ
			11/21/2024 9:45AM	☑	☑	GOOD	☑	Y	W	R/S	2.15	11/20/24	11/24/24	11/21/24 9:45 AM	11/21/24 4:45 PM	1:30	82.79	7451.10	Data from flow meter	JJ
			11/22/2024 11:15AM	☑	☑	GOOD	☑	Y	W	R/S	2.15	11/20/24	11/24/24	11/22/24 11:15 AM	11/24/24 9:00 PM	33:45	245.69	497522.25	Data from flow meter	JJ
			11/26/2024 3:00AM	☑	☑	GOOD	☑	Y	W	R/S	1.12	11/25/24	11/30/24	11/26/24 3:00 AM	11/26/24 5:00 AM	0:45	536.78	24155.10	Data from flow meter	JJ
																			Data from flow meter	JJ
005	Kerens Ave.	Tygart Valley River	11/14/2024 9:45AM	☑	☑	N/A	☑	Y	W	RAIN	1.42	11/14/24	11/18/24	11/14/24 9:45 AM	11/15/24 5:00AM	17:30	200.2	210210.00	Data from flow meter	JJ
			11/20/2024 3:45PM	☑	☑	N/A	☑	Y	W	R/S	2.15	11/20/24	11/24/24	11/20/2024	11/20/2024	0:45	173.69	7816.05	Data from flow meter	JJ
			11/21/2024 3:15PM	☑	☑	N/A	☑	Y	W	R/S	2.15	11/20/24	11/24/24	11/21/24 3:15 PM	11/21/24 3:15 PM	0:01	12.5	12.50	Data from flow meter	JJ
			11/22/2024 10:30PM	☑	☑	N/A	☑	Y	W	R/S	2.15	11/20/24	11/24/24	11/22/24 10:30 PM	11/24/24 5:15 AM	29:30	436.14	771967.80	Data from flow meter	JJ
			11/26/2024 3:00AM	☑	☑	N/A	☑	Y	W	R/S	1.12	11/25/24	11/30/24	11/26/24 3:00 AM	11/26/24 5:15 AM	1:15	505.94	37945.50	Data from flow meter	JJ
																			Data from flow meter	JJ
006	Davis Ave.	Tygart Valley River	11/14/2024 10:00AM	☑	☑	GOOD	☑	Y	W	RAIN	1.42	11/14/24	11/18/24	11/14/24 10:00 AM	11/14/24 8:15 PM	1:00	73	4380.00	Data from flow meter	JJ
			11/20/2024 3:30PM	☑	☑	GOOD	☑	Y	W	R/S	2.15	11/20/24	11/24/24	11/20/24 3:30 PM	11/20/24 3:30 PM	0:01	53.71	53.71	Data from flow meter	JJ
			11/23/2024 1:30AM	☑	☑	GOOD	☑	Y	W	R/S	2.15	11/20/24	11/24/24	11/23/24 1:30 AM	11/23/24 6:15 AM	4:00	47.91	11498.40	Data from flow meter	JJ
			11/26/2024 3:00AM	☑	☑	GOOD	☑	Y	W	R/S	1.12	11/25/24	11/30/24	11/26/24 3:00 AM	11/26/24 5:00 AM	1:00	350	21000.00	Data from flow meter	JJ
																			Data from flow meter	JJ
007	R.R. Ave./1st. Street	Tygart Valley River	11/26/2024 3:00AM	☑	☑	N/A	☑	Y	W	R/S	1.12	11/25/24	11/30/24	11/26/24 3:00 AM	11/26/24 3:00 AM	0:01	343.15	343.15	Data from flow meter	JJ
																			Data from flow meter	JJ
008	Worth Ave.	Tygart Valley River	11/14/2024 9:45AM	☑	☑	N/A	☑	Y	W	RAIN	1.42	11/14/24	11/18/24	11/14/24 9:45 AM	11/14/24 9:00 PM	4:30	196.06	52936.20	Data from flow meter	JJ
			11/20/2024 3:45PM	☑	☑	N/A	☑	Y	W	R/S	2.15	11/20/24	11/24/24	11/20/24 3:45 PM	11/20/24 4:00 PM	0:15	166.04	2490.60	Data from flow meter	JJ
			11/23/2024 12:00AM	☑	☑	N/A	☑	Y	W	R/S	2.15	11/20/24	11/24/24	11/23/24 12:00 AM	11/23/24 5:30 PM	17:30	773.42	812091.00	Data from flow meter	JJ
			11/26/2024 3:00AM	☑	☑	N/A	☑	Y	W	R/S	1.12	11/25/24	11/30/24	11/26/24 3:00 AM	11/26/24 5:30 AM	2:30	713.82	107073.00	Data from flow meter	JJ
																			Data from flow meter	JJ
009	Lower Pleasant Ave.	Cravens Run																	Data from flow meter	JJ
																			Data from flow meter	JJ

011	Mt. View Dr.	Tygart Valley River	11/14/2024 12:15PM	☑	☑	N/A	☑	Y	W	RAIN	1.42	11/14/24	11/18/24	11/14/24 12:15 PM	11/15/24 3:15 AM	8:30	3.73	1902.30	Data from flow meter	JJ
			11/23/2024 12:30AM	☑	☑	N/A	☑	Y	W	R/S	2.15	11/20/24	11/24/24	11/23/24 12:30AM	11/23/24 8:00 PM	14:45	72.84	64463.40	Data from flow meter	JJ
			11/26/2024 3:30AM	☑	☑	N/A	☑	Y	W	R/S	1.12	11/25/24	11/30/24	11/26/24 3:30 AM	11/26/24 10:00 AM	6:15	27.19	10196.25	Data from flow meter	JJ
			11/28/2024 10:30AM	☑	☑	N/A	☑	Y	W	R/S	1.12	11/25/24	11/30/24	11/28/24 10:30 AM	11/28/24 5:15 PM	5:30	5.21	1719.30	Data from flow meter	JJ
016	R.R. Ave./10th. Street	Tygart Valley River	11/1/2024 7:00AM	☑	☑	N/A	☑	Y	W	RAIN	0.17	11/1/24	11/2/24	11/1/24 7:00 AM	11/1/24 4:00 PM	5:15	49.96	15737.40	Data from flow meter	JJ
			11/2/2024 11:15AM	☑	☑	N/A	☑	Y	W	RAIN	0.17	11/1/24	11/2/24	11/2/24 11:15 AM	11/2/24 12:00 PM	0:15	5.18	77.70	Data from flow meter	JJ
			11/3/2024 10:00AM	☑	☑	N/A	☑	Y	D	BL				11/3/24 10:00 AM	11/3/24 8:15 PM	4:30	5.21	1406.70	Data from flow meter	JJ
			11/4/2024 7:45PM	☑	☑	N/A	☑	Y	D	BL				11/4/24 7:45 PM	11/4/24 9:15 PM	0:30	8.39	251.70	Data from flow meter	JJ
			11/5/2024 10:15AM	☑	☑	N/A	☑	Y	D	BL				11/5/24 10:15 AM	11/5/24 8:00 PM	0:30	6.72	201.60	Data from flow meter	JJ
			11/7/2024 7:00AM	☑	☑	N/A	☑	Y	W	RAIN	0.13	11/6/24	11/08/24	11/7/24 7:00 AM	11/8/24 11:00 PM	15:00	2.73	2457.00	Data from flow meter	JJ
			11/9/2024 9:00AM	☑	☑	N/A	☑	Y	D	BL				11/9/24 9:00 AM	11/9/24 10:00 PM	12:45	6.14	4697.10	Data from flow meter	JJ
			11/10/2024 9:30AM	☑	☑	N/A	☑	Y	W	RAIN	0.3	11/10/24	11/12/24	11/10/24 9:30 AM	11/11/24 11:45 AM	13:15	28.59	22729.05	Data from flow meter	JJ
			11/14/2024 9:15AM	☑	☑	N/A	☑	Y	W	RAIN	1.42	11/14/24	11/18/24	11/14/24 9:15 AM	11/15/24 10:00 PM	36:45	279.96	617311.80	Data from flow meter	JJ
			11/20/2024 3:30PM	☑	☑	N/A	☑	Y	W	R/S	2.15	11/20/24	11/24/24	11/20/24 3:30 PM	11/20/24 7:30 PM	3:15	141.95	27680.25	Data from flow meter	JJ
			11/21/2024 9:30AM	☑	☑	N/A	☑	Y	W	R/S	2.15	11/20/24	11/24/24	11/21/24 9:30 AM	11/21/24 8:45 PM	7:15	30.64	13328.40	Data from flow meter	JJ
			11/22/2024 11:30AM	☑	☑	N/A	☑	Y	W	R/S	2.15	11/20/24	11/24/24	11/22/24 11:30 AM	11/25/24 2:30 AM	56:15	731.53	2468913.70	Data from flow meter	JJ
			11/25/2024 10:15PM	☑	☑	N/A	☑	Y	W	R/S	1.12	11/25/24	11/30/24	11/25/24 10:15 PM	11/30/24 11:45 PM	117:45	356.64	2519661.60	Data from flow meter	JJ
017	S. Davis Ave.	Tygart Valley River	11/1/2024 7:15AM	☑	☑	N/A	☑	Y	W	RAIN	0.17	11/1/24	11/2/24	11//1/24 7:15 AM	11/1/24 7:45 AM	0:30	1.5	45.00	Data from flow meter	JJ
			11/14/2024 9:45AM	☑	☑	N/A	☑	Y	W	RAIN	1.42	11/14/24	11/18/24	11/14/24 9:45 AM	11/15/24 4:15 AM	11:45	51.25	36131.25	Data from flow meter	JJ
			11/20/2024 3:30PM	☑	☑	N/A	☑	Y	W	R/S	2.15	11/20/24	11/24/24	11/20/24 3:30 PM	11/20/24 3:45 PM	0:15	59.6	894.00	Data from flow meter	JJ
			11/22/2024 10:45PM	☑	☑	N/A	☑	Y	W	R/S	2.15	11/20/24	11/24/24	11/22/24 10:45 PM	11/23/24 5:15 PM	11:30	103.72	71566.80	Data from flow meter	JJ
			11/26/2024 3:15AM	☑	☑	N/A	☑	Y	W	R/S	1.12	11/25/24	11/30/24	11/26/24 3:15 AM	11/26/24 10:30 AM	4:15	205.11	52303.05	Data from flow meter	JJ
			11/28/2024 1:30AM	☑	☑	N/A	☑	Y	W	R/S	1.12	11/25/24	11/30/24	11/28/24 1:30 AM	11/28/24 3:30 PM	7:30	89.57	40306.50	Data from flow meter	JJ
																			Data from flow meter	JJ
018	S. Kerens Ave.	Tygart Valley River	11/14/2024 10:00AM	☑	☑	GOOD	☑	Y	W	RAIN	1.42	11/14/24	11/18/24	11/14/24 10:00 AM	11/15/24 4:30 AM	12:30	133.1	99825.00	Data from flow meter	JJ
			11/20/2024 3:45PM	☑	☑	GOOD	☑	Y	W	R/S	2.15	11/20/24	11/24/24	11/20/24 3:45 PM	11/20/24 3:45 PM	0:01	190.41	190.41	Data from flow meter	JJ
			11/22/2024 11:15PM	☑	☑	GOOD	☑	Y	W	R/S	2.15	11/20/24	11/24/24	11/22/24 11:15 PM	11/23/24 10:45 PM	13:45	395.67	326427.75	Data from flow meter	JJ
			11/26/2024 3:00AM	☑	☑	GOOD	☑	Y	W	R/S	1.12	11/25/24	11/30/24	11/26/24 3:00 AM	11/30/24 11:45PM	72:00	631.71	2728987.20	Data from flow meter	JJ
																			Data from flow meter	JJ
019	S. Henry Ave.	Tygart Valley River	11/14/2024 10:15AM	☑	☑	GOOD	☑	Y	W	RAIN	1.42	11/14/24	11/18/24	11/14/24 10:15 AM	11/14/24 9:00 PM	2:15	22.62	3053.70	Data from flow meter	JJ
			11/23/2024 12:45AM	☑	☑	GOOD	☑	Y	W	R/S	2.15	11/20/24	11/24/24	11/23/24 12:45 AM	11/23/24 5:15 PM	16:30	138.01	136629.90	Data from flow meter	JJ
			11/26/2024 3:00AM	☑	☑	GOOD	☑	Y	W	R/S	1.12	11/25/24	11/30/24	11/26/24 3:00 AM	11/30/24 11:45 PM	116:00	261.38	1819204.80	Data from flow meter	JJ
																			Data from flow meter	JJ
020	Flood Control Road	Tygart Valley River	11/23/2024 1:45AM	☑	☑	N/A	☑	Y	W	R/S	2.15	11/20/24	11/24/24	11/23/24 1:45 AM	11/24/24 1:30 AM	23:45	510.28	727149.00	Data from flow meter	JJ
			11/26/2024 4:00AM	☑	☑	N/A	☑	Y	W	R/S	1.12	11/25/24	11/30/24	11/26/24 4:00 AM	11/26/24 8:30 AM	3:30	403.68	84772.80	Data from flow meter	JJ
																			Data from flow meter	JJ

Monthly Precipitation 5.26

Total Estimated Monthly Discharge 15658627.64

Events Summary

Wet Weather Events: 6 Dates: 11/1-11/2,11/6-11/8,11/10-11/12,11/14-11/18,11/20-11/24,11/25-11/30

Dry Weather Events: 4 Dates: 11/3,11/4, 11/5,11/9

Total Events: 10

CITY OF ELKINS
Permit # WV0020028
Monthly CSO Inspection/Discharge Report
December 2024

Outfall #	Location	Receiving Stream	Inspection Date/Time	Backflow Device	Signs	Regulator	General Condition	Discharge Y/N	Discharge W/D	Cause	Precipitation Est. Amt.	Precipitation Start Date	Precipitation Stop Date	Discharge Estimated Start Date/Time	Discharge Estimated Stop Date/Time	Est. Duration Hrs/Min	Est. Flow GPM	Est. Total Flow	Comments or Corrective Action	Operator
002	Barron Ave.	Tygart Valley River	12/9/2024 7:00AM	☑	☑	N/A	☑	Y	W	R/S/SM	1.75	12/1/24	12/12/24	12/9/24 7:00 AM	12/9/24 2:45 PM	7:45	189.9	88312.80	Data from flow meter	JJ
			12/10/2024 1:15PM	☑	☑	N/A	☑	Y	W	R/S/SM	1.75	12/1/24	12/12/24	12/10/24 1:15 PM	12/10/24 1:15 PM	0:01	3.3	3.30	Data from flow meter	JJ
			12/11/2024 1:15AM	☑	☑	N/A	☑	Y	W	R/S/SM	1.75	12/1/24	12/12/24	12/11/24 1:15 AM	12/11/24 5:00 PM	15:45	403.6	381392.55	Data from flow meter	JJ
			12/18/2024 2:15PM	☑	☑	N/A	☑	Y	W	R/S	0.92	12/18/24	12/22/24	12/18/24 2:15 PM	12/18/24 11:45PM	9:30	221.8	126443.10	Data from flow meter	JJ
			12/31/2024 5:00PM	☑	☑	N/A	☑	Y	W	R/S	0.55	12/31/24	1/1/25	12/31/24 5:00 PM	12/31/24 5:00 PM	0:01	16.51	16.51	Data from flow meter	JJ
003	Cherokee Street	Tygart Valley River																	Data from flow meter	JJ
																			Data from flow meter	JJ
004	Henry Ave.	Tygart Valley River	12/10/2024 12:45PM	☑	☑	GOOD	☑	Y	W	R/S/SM	1.75	12/1/24	12/12/24	12/10/24 12:45 PM	12/10/24 12:45 PM	0:01	1.46	1.46	Data from flow meter	JJ
			12/11/2024 1:00AM	☑	☑	GOOD	☑	Y	W	R/S/SM	1.75	12/1/24	12/12/24	12/11/24 1:00 AM	12/11/24 11:45 PM	13:00	188.3	146835.00	Data from flow meter	JJ
			12/15/2024 9:15AM	☑	☑	GOOD	☑	Y	W	R/SM	0.61	12/15/24	12/17/24	12/15/24 9:15 AM	12/17/24 2:30 PM	26:30	197.8	314454.30	Data from flow meter	JJ
			12/18/2024 12:30PM	☑	☑	GOOD	☑	Y	W	R/S	0.92	12/18/24	12/22/24	12/18/24 12:30 PM	12/20/24 3:30 PM	33:00	253.7	502345.80	Data from flow meter	JJ
			12/21/2024 9:45AM	☑	☑	GOOD	☑	Y	W	R/S	0.92	12/18/24	12/22/24	12/21/24 9:45 AM	12/21/24 3:00 PM	0:30	5.33	159.90	Data from flow meter	JJ
			12/24/2024 9:15AM	☑	☑	GOOD	☑	Y	W	S/SM	0.07	12/24/24	12/25/24	12/24/24 9:15 AM	12/24/24 11:45 AM	0:15	6	90.00	Data from flow meter	JJ
			12/27/2024 9:45PM	☑	☑	GOOD	☑	Y	W	R/SM	0.35	12/27/24	12/28/24	12/27/24 9:45 PM	12/28/24 5:15 PM	9:30	257.4	146718.00	Data from flow meter	JJ
			12/29/2024 10:45AM	☑	☑	GOOD	☑	Y	W	R/SM	0.35	12/28/24	12/30/24	12/29/24 10:45 AM	12/29/24 11:45 AM	0:15	1.72	25.80	Data from flow meter	JJ
			12/30/2024 9:45AM	☑	☑	GOOD	☑	Y	W	R/SM	0.35	12/28/24	12/30/24	12/30/24 9:45 AM	12/30/24 11:15 AM	0:15	2.01	30.15	Data from flow meter	JJ
			12/31/2024 1:30PM	☑	☑	GOOD	☑	Y	W	R/S	0.55	12/31/24	01/01/25	12/31/24 1:30 PM	12/31/24 11:00 PM	5:00	309.1	92724.00	Data from flow meter	JJ
005	Kerens Ave.	Tygart Valley River	12/11/2024 11:30AM	☑	☑	N/A	☑	Y	W	R/S/SM	1.75	12/1/24	12/12/24	12/11/24 11:30 AM	12/12/24 12:15 AM	12:45	245.5	187776.90	Data from flow meter	JJ
			12/15/2024 9:45AM	☑	☑	N/A	☑	Y	W	R/SM	0.61	12/15/24	12/17/24	12/15/2024	12/16/2024	17:15	192.8	199589.40	Data from flow meter	JJ
			12/18/2024 1:00PM	☑	☑	N/A	☑	Y	W	R/S	0.92	12/18/24	12/22/24	12/18/24 1:00 PM	12/19/24 2:45 PM	23:45	252.4	355898.10	Data from flow meter	JJ
			12/27/2024 10:00PM	☑	☑	N/A	☑	Y	W	R/SM	0.35	12/27/24	12/28/24	12/27/24 10:00 PM	12/28/24 1:45 PM	5:00	424.4	127326.00	Data from flow meter	JJ
			12/31/2024 4:15PM	☑	☑	N/A	☑	Y	W	R/S	0.55	12/31/24	01/01/25	12/31/24 4:15 PM	12/31/24 11:00 PM	3:15	421.5	82194.45	Data from flow meter	JJ
006	Davis Ave.	Tygart Valley River	12/10/2024 12:45PM	☑	☑	GOOD	☑	Y	W	R/S/SM	1.75	12/1/24	12/12/24	12/10/24 12:45 PM	12/10/24 12:45 PM	0:01	10.24	10.24	Data from flow meter	JJ
			12/11/2024 1:00AM	☑	☑	GOOD	☑	Y	W	R/S/SM	1.75	12/1/24	12/12/24	12/11/24 1:00 AM	12/11/24 1:30 AM	0:15	50.54	758.10	Data from flow meter	JJ
			12/15/2024 10:00AM	☑	☑	GOOD	☑	Y	W	R/SM	0.61	12/15/24	12/17/24	12/15/24 10:00 AM	12/15/24 10:00 AM	0:01	75.48	75.48	Data from flow meter	JJ
			12/18/2024 1:30PM	☑	☑	GOOD	☑	Y	W	R/S	0.92	12/18/24	12/22/24	12/18/24 1:30 PM	12/18/24 5:30 PM	0:30	29.59	887.70	Data from flow meter	JJ
			12/27/2024 10:45PM	☑	☑	GOOD	☑	Y	W	R/SM	0.35	12/27/24	12/28/24	12/27/24 10:45 PM	12/27/24 11:45 PM	0:30	112.1	3363.30	Data from flow meter	JJ
			12/31/2024 4:15PM	☑	☑	GOOD	☑	Y	W	R/S	0.55	12/31/24	01/01/25	12/31/24 4:15 PM	12/31/24 4:45 PM	0:30	91.43	2742.90	Data from flow meter	JJ
																			Data from flow meter	JJ
007	R.R. Ave./1st. Street	Tygart Valley River																	Data from flow meter	JJ
																			Data from flow meter	JJ
008	Worth Ave.	Tygart Valley River	12/11/2024 1:00AM	☑	☑	N/A	☑	Y	W	R/S/SM	1.75	12/1/24	12/12/24	12/11/24 1:00 AM	12/11/24 1:15 PM	3:15	42.92	8369.40	Data from flow meter	JJ
			12/15/2024 10:00AM	☑	☑	N/A	☑	Y	W	R/SM	0.61	12/15/24	12/17/24	12/15/24 10:00 AM	12/15/24 10:30 AM	0:30	244.1	7323.30	Data from flow meter	JJ
			12/18/2024 1:00PM	☑	☑	N/A	☑	Y	W	R/S	0.92	12/18/24	12/22/24	12/18/24 1:00 PM	12/18/24 9:00 PM	6:45	160.4	64953.90	Data from flow meter	JJ
			12/27/2024 10:45PM	☑	☑	N/A	☑	Y	W	R/SM	0.35	12/27/24	12/28/24	12/27/24 10:45 PM	12/28/24 12:15 AM	1:30	287.9	25911.00	Data from flow meter	JJ
			12/31/2024 4:15PM	☑	☑	N/A	☑	Y	W	R/S	0.55	12/31/24	1/1/25	12/31/24 4:15 PM	12/31/24 5:00 PM	0:45	297.1	13369.05	Data from flow meter	JJ
009	Lower Pleasant Ave.	Cravens Run																	Data from flow meter	JJ
																			Data from flow meter	JJ

011	Mt. View Dr.	Tygart Valley River	12/9/2024 7:45AM	☑	☑	N/A	☑	Y	W	R/S/SM	1.75	12/1/24	12/12/24	12/9/24 7:45 AM	12/9/24 1:15 PM	4:15	8.11	2068.05	Data from flow meter	JJ
			12/11/2024 1:45AM	☑	☑	N/A	☑	Y	W	R/S/SM	1.75	12/1/24	12/12/24	12/11/24 1:45 AM	12/11/24 6:00 PM	13:30	22.55	18265.50	Data from flow meter	JJ
			12/15/2024 2:30PM	☑	☑	N/A	☑	Y	W	R/SM	0.61	12/15/24	12/17/24	12/15/24 2:30 PM	12/15/24 11:00 PM	7:45	4.17	1939.05	Data from flow meter	JJ
			12/18/2024 2:45PM	☑	☑	N/A	☑	Y	W	R/S	0.92	12/18/24	12/22/24	12/18/24 2:45 PM	12/19/24 2:30 AM	7:45	28.79	13387.35	Data from flow meter	JJ
			12/28/2024 12:15AM	☑	☑	N/A	☑	Y	W	R/SM	0.35	12/27/24	12/28/24	12/28/24 12:15 AM	12/28/24 2:00 AM	1:30	1.61	144.90	Data from flow meter	JJ
			12/31/2024 8:00PM	☑	☑	N/A	☑	Y	W	R/S	0.55	12/31/24	1/1/25	12/31/24 8:00 PM	12/31/24 10:00 PM	1:30	9.07	816.30	Data from flow meter	JJ
016	R.R. Ave./10th. Street	Tygart Valley River	12/1/2024 12:00AM	☑	☑	N/A	☑	Y	W	R/S/SM	1.75	12/1/24	12/12/24	12/1/24 12:00 AM	12/2/24 8:15 AM	32:15	160.9	311341.50	Data from flow meter	JJ
			12/3/2024 2:30AM	☑	☑	N/A	☑	Y	W	R/S/SM	1.75	12/1/24	12/12/24	12/3/24 2:30 AM	12/12/24 10:15 PM	235:45	268.9	3803024.70	Data from flow meter	JJ
			12/15/2024 8:45AM	☑	☑	N/A	☑	Y	W	R/SM	0.61	12/15/24	12/17/24	12/15/24 8:45 AM	12/17/24 8:00 PM	53:00	109.4	348019.20	Data from flow meter	JJ
			12/18/2024 11:15AM	☑	☑	N/A	☑	Y	W	R/S	0.92	12/18/24	12/22/24	12/18/24 11:15 AM	12/21/24 5:45 PM	56:15	298.4	1007100.00	Data from flow meter	JJ
			12/22/2024 1:00PM	☑	☑	N/A	☑	Y	W	R/S	0.92	12/18/24	12/22/24	12/22/24 1:00 PM	12/22/24 2:30 PM	0:30	5.25	157.50	Data from flow meter	JJ
			12/24/2024 8:30AM	☑	☑	N/A	☑	Y	W	S/SM	0.07	12/24/24	12/25/24	12/24/24 8:30 AM	12/24/24 4:15 PM	3:00	7.36	1324.80	Data from flow meter	JJ
			12/27/2024 9:30PM	☑	☑	N/A	☑	Y	W	R/SM	0.35	12/27/24	12/28/24	12/27/24 9:30 PM	12/28/24 10:45 PM	23:45	145.6	207522.75	Data from flow meter	JJ
			12/29/2024 2:30PM	☑	☑	N/A	☑	Y	W	R/SM	0.35	12/27/24	12/28/24	12/29/24 2:30 PM	12/29/24 8:15 PM	0:30	5.41	162.30	Data from flow meter	JJ
			12/31/2024 4:00PM	☑	☑	N/A	☑	Y	W	R/S	0.55	12/31/24	01/01/25	12/31/24 4:00 PM	1/1/25 12:00 AM	8:00	307.8	147724.80	Data from flow meter	JJ
																			Data from flow meter	JJ
017	S. Davis Ave.	Tygart Valley River	12/3/2024 1:00PM	☑	☑	N/A	☑	Y	W	R/S/SM	1.75	12/1/24	12/12/24	12/3/24 1:00 PM	12/3/24 4:15 PM	0:15	1.91	28.65	Data from flow meter	JJ
			12/4/2024 2:15PM	☑	☑	N/A	☑	Y	W	R/S/SM	1.75	12/1/24	12/12/24	12/4/24 2:15 PM	12/5/24 2:15PM	2:45	6.31	1041.15	Data from flow meter	JJ
			12/6/2024 11:45PM	☑	☑	N/A	☑	Y	W	R/S/SM	1.75	12/1/24	12/12/24	12/6/24 11:45 PM	12/6/24 11:45 PM	0:01	5.28	5.28	Data from flow meter	JJ
			12/7/2024 12:30PM	☑	☑	N/A	☑	Y	W	R/S/SM	1.75	12/1/24	12/12/24	12/7/24 12:30 PM	12/7/24 4:30 PM	0:45	2.51	112.95	Data from flow meter	JJ
			12/8/2024 11:00AM	☑	☑	N/A	☑	Y	W	R/S/SM	1.75	12/1/24	12/12/24	12/8/24 11:00 AM	12/9/24 10:00 AM	8:30	93.27	47567.70	Data from flow meter	JJ
			12/10/2024 12:30PM	☑	☑	N/A	☑	Y	W	R/S/SM	1.75	12/1/24	12/12/24	12/10/24 12:30 PM	12/11/24 12:45 PM	14:00	189	158751.60	Data from flow meter	JJ
			12/15/2024 9:45AM	☑	☑	N/A	☑	Y	W	R/SM	0.61	12/15/24	12/17/24	12/15/24 9:45 AM	12/15/24 3:15 PM	1:30	40.21	3618.90	Data from flow meter	JJ
			12/18/2024 1:15PM	☑	☑	N/A	☑	Y	W	R/S	0.92	12/18/24	12/22/24	12/18/24 1:15 PM	12/19/24 2:15 AM	9:00	77.78	42001.20	Data from flow meter	JJ
			12/27/2024 10:45PM	☑	☑	N/A	☑	Y	W	R/SM	0.35	12/27/24	12/28/24	12/27/24 10:45 PM	12/28/24 12:45 AM	2:00	134.9	16186.80	Data from flow meter	JJ
			12/31/2024 4:15PM	☑	☑	N/A	☑	Y	W	R/S	0.55	12/31/24	01/01/25	12/31/24 4:15 PM	12/31/24 5:15 PM	1:00	149.5	8967.00	Data from flow meter	JJ
																			Data from flow meter	JJ
018	S. Kerens Ave.	Tygart Valley River	12/1/2024 10:00AM	☑	☑	GOOD	☑	Y	W	R/S/SM	1.75	12/1/24	12/12/24	12/1/24 10:00 AM	12/1/24 7:30 PM	1:15	390.9	29316.75	Data from flow meter	JJ
			12/2/2024 8:15AM	☑	☑	GOOD	☑	Y	W	R/S/SM	1.75	12/1/24	12/12/24	12/2/24 8:15 AM	12/2/24 8:15 AM	0:01	149.1	149.14	Data from flow meter	JJ
			12/3/2024 2:30AM	☑	☑	GOOD	☑	Y	W	R/S/SM	1.75	12/1/24	12/12/24	12/3/24 2:30 AM	12/3/24 5:45 AM	3:15	143.6	27992.25	Data from flow meter	JJ
			12/3/2024 6:15PM	☑	☑	GOOD	☑	Y	W	R/S/SM	1.75	12/1/24	12/12/24	12/3/24 6:15 PM	12/4/24 6:30 AM	5:15	137	43142.40	Data from flow meter	JJ
			12/5/2024 10:45AM	☑	☑	GOOD	☑	Y	W	R/S/SM	1.75	12/1/24	12/12/24	12/5/24 10:45 AM	12/5/24 9:45 PM	2:30	382.5	57367.50	Data from flow meter	JJ
			12/6/2024 11:00AM	☑	☑	GOOD	☑	Y	W	R/S/SM	1.75	12/1/24	12/12/24	12/6/24 11:00 AM	12/6/24 3:15 PM	1:15	434.9	32615.25	Data from flow meter	JJ
			12/7/2024 9:45AM	☑	☑	GOOD	☑	Y	W	R/S/SM	1.75	12/1/24	12/12/24	12/7/24 9:45 AM	12/7/24 7:30 PM	5:30	482.8	159320.70	Data from flow meter	JJ
			12/8/2024 10:45AM	☑	☑	GOOD	☑	Y	W	R/S/SM	1.75	12/1/24	12/12/24	12/8/24 10:45 AM	12/12/24 2:30 PM	85:45	615	3164277.90	Data from flow meter	JJ
			12/15/2024 10:00AM	☑	☑	GOOD	☑	Y	W	R/SM	0.61	12/15/24	12/17/24	12/15/24 10:00 AM	12/15/24 3:00 PM	0:45	120.6	5426.55	Data from flow meter	JJ
			12/18/2024 1:15PM	☑	☑	GOOD	☑	Y	W	R/S	0.92	12/18/24	12/22/24	12/18/24 1:15 PM	12/18/24 11:15 PM	9:30	215.8	123023.10	Data from flow meter	JJ
			12/27/2024 10:45PM	☑	☑	GOOD	☑	Y	W	R/SM	0.35	12/27/24	12/28/24	12/27/24 10:45 PM	12/28/24 12:45 AM	2:00	234.5	28134.00	Data from flow meter	JJ
			12/31/2024 4:15PM	☑	☑	GOOD	☑	Y	W	R/S	0.55	12/31/24	01/01/25	12/31/24 4:15 PM	12/31/24 5:15 PM	1:00	242.1	14526.00	Data from flow meter	JJ
019	S. Henry Ave.	Tygart Valley River	12/1/2024 12:00AM	☑	☑	GOOD	☑	Y	W	R/S/SM	1.75	12/1/24	12/12/24	12/1/24 12:00 AM	12/2/24 8:00 AM	32:00	61.78	118617.60	Data from flow meter	JJ
			12/3/2024 6:30AM	☑	☑	GOOD	☑	Y	W	R/S/SM	1.75	12/1/24	12/12/24	12/3/24 6:30 AM	12/12/24 9:45 AM	192:30	168.5	1946406.00	Data from flow meter	JJ
			12/18/2024 3:15PM	☑	☑	GOOD	☑	Y	W	R/S	0.92	12/18/24	12/22/24	12/18/24 3:15 PM	12/18/24 8:00 PM	2:15	16.91	2282.85	Data from flow meter	JJ
			12/27/2024 11:00PM	☑	☑	GOOD	☑	Y	W	R/SM	0.35	12/27/24	12/28/24	12/27/24 11:00 PM	12/28/24 12:00 AM	0:30	30.76	922.80	Data from flow meter	JJ
			12/31/2024 4:30PM	☑	☑	GOOD	☑	Y	W	R/S	0.55	12/31/24	01/01/25	12/31/24 4:30 PM	12/31/24 5:00 PM	0:15	19.02	285.30	Data from flow meter	JJ
020	Flood Control Road	Tygart Valley River	12/9/2024 7:15AM	☑	☑	N/A	☑	Y	W	R/S/SM	1.75	12/1/24	12/12/24	12/9/24 7:15 AM	12/9/24 1:00 PM	5:15	257.7	81166.05	Data from flow meter	JJ
			12/11/2024 1:30AM	☑	☑	N/A	☑	Y	W	R/S/SM	1.75	12/1/24	12/12/24	12/11/24 1:30 AM	12/11/24 7:00 PM	15:45	360.1	340322.85	Data from flow meter	JJ
			12/15/2024 8:45PM	☑	☑	N/A	☑	Y	W	R/SM	0.61	12/15/24	12/17/24	12/15/24 8:45 PM	12/15/24 9:00 PM	0:15	1.01	15.15	Data from flow meter	JJ
			12/18/2024 1:45PM	☑	☑	N/A	☑	Y	W	R/S	0.92	12/18/24	12/22/24	12/18/24 1:45 PM	12/19/24 11:00 AM	17:30	238.6	250509.00	Data from flow meter	JJ
			12/28/2024 12:00AM	☑	☑	N/A	☑	Y	W	R/SM	0.35	12/27/24	12/28/24	12/28/24 12:00 AM	12/28/24 12:45 AM	0:45	164.4	7397.55	Data from flow meter	JJ

Monthly Precipitation 3.7

Total Estimated Monthly Discharge 15454598.51

Events Summary

Wet Weather Events: 7 Dates: 12/1-12/12,12/15-12/17,12/18-12/22,12/24-12/25,12/27-12/28,12/29-12/30,12/31

Dry Weather Events: 0 Dates:

Total Events: 7

CITY OF ELKINS
Permit # WV0020028
Monthly CSO Inspection/Discharge Report
January 2025

Outfall #	Location	Receiving Stream	Inspection Date/Time	Backflow Device	Signs	Regulator	General Condition	Discharge Y/N	Discharge W/D	Cause	Precipitation Est. Amt.	Precipitation Start Date	Precipitation Stop Date	Discharge Estimated Start Date/Time	Discharge Estimated Stop Date/Time	Est. Duration Hrs/Min	Est. Flow GPM	Est. Total Flow	Comments or Corrective Action	Operator
002	Barron Ave.	Tygart Valley River	1/25/2025 1:15PM	☑	☑	N/A	☑	Y	D	BLOCK				1/25/25 1:15 PM	1/27/25 12:45 PM	44:30	225.88	603099.60	Data from flow meter	JJ
			1/31/2025 6:30AM	☑	☑	N/A	☑	Y	W	R/SM	1.44	1/30/25	01/31/25	1/31/25 6:30 AM	2/1/25 12:00 AM	14:45	2292.14	2028543.90	Data from flow meter	JJ
003	Cherokee Street	Tygart Valley River	1/31/2025 8:30AM	☑	☑	N/A	☑	Y	W	R/SM	1.44	1/30/25	1/31/25	1/31/25 8:30 AM	1/31/25 11:15 PM	14:45	807.4	714549.00	Data from flow meter	JJ
																			Data from flow meter	JJ
004	Henry Ave.	Tygart Valley River	1/1/2025 12:15AM	☑	☑	GOOD	☑	Y	W	R/S/SM	2.34	1/1/25	1/9/25	1/1/25 12:15 AM	1/1/25 5:15 PM	5:30	179.35	59185.50	Data from flow meter	JJ
			1/2/2025 8:15AM	☑	☑	GOOD	☑	Y	W	R/S/SM	2.34	1/1/25	1/9/25	1/2/25 8:15 AM	1/2/25 4:30 PM	1:30	107.63	9686.70	Data from flow meter	JJ
			1/3/2025 1:30PM	☑	☑	GOOD	☑	Y	W	R/S/SM	2.34	1/1/25	1/9/25	1/3/25 1:30 PM	1/3/25 1:30 PM	0:01	89.2	89.20	Data from flow meter	JJ
			1/6/2025 10:00AM	☑	☑	GOOD	☑	Y	W	R/S/SM	2.34	1/1/25	1/9/25	1/6/25 10:00 AM	1/7/25 3:15 PM	5:00	99.51	29853.00	Data from flow meter	JJ
			1/8/2025 12:45PM	☑	☑	GOOD	☑	Y	W	R/S/SM	2.34	1/1/25	01/09/25	1/8/25 12:45 PM	1/8/25 5:15 PM	0:15	378.41	5676.15	Data from flow meter	JJ
			1/12/2025 2:15PM	☑	☑	GOOD	☑	Y	W	S/SM	0.3	1/11/25	01/12/25	1/12/25 2:15 PM	1/12/25 2:15 PM	0:01	5.29	5.29	Data from flow meter	JJ
			1/13/2025 12:30PM	☑	☑	GOOD	☑	Y	W	SM				1/13/25 12:30 PM	1/13/25 2:15 PM	0:15	5.08	76.20	Data from flow meter	JJ
			1/14/2025 8:45AM	☑	☑	GOOD	☑	Y	W	SM				1/14/25 8:45 AM	1/14/25 8:45 AM	0:01	2	2.00	Data from flow meter	JJ
			1/16/2025 2:00PM	☑	☑	GOOD	☑	Y	W	S/SM	0.1	1/16/25	01/17/25	1/16/25 2:00 PM	1/16/25 2:00 PM	0:01	5.63	5.63	Data from flow meter	JJ
			1/17/2025 12:30PM	☑	☑	GOOD	☑	Y	W	S/SM	0.1	1/16/25	01/17/25	1/17/25 12:30 PM	1/17/25 5:00 PM	1:00	4.95	297.00	Data from flow meter	JJ
			1/18/2025 12:00PM	☑	☑	GOOD	☑	Y	W	S/SM	0.87	1/18/25	01/22/25	1/18/25 12:00 PM	1/21/25 9:45 PM	27:30	159.19	262663.50	Data from flow meter	JJ
			1/22/2025 12:15PM	☑	☑	GOOD	☑	Y	W	S/SM	0.87	1/18/25	01/22/25	1/22/25 12:15 PM	1/22/25 2:00 PM	0:30	5.09	152.70	Data from flow meter	JJ
			1/23/2025 11:45AM	☑	☑	GOOD	☑	Y	W	SM				1/23/25 11:45 AM	1/23/25 2:15 PM	0:15	2.67	40.05	Data from flow meter	JJ
			1/24/2025 9:00AM	☑	☑	GOOD	☑	Y	W	SM	0.02	1/24/25	01/24/25	1/24/25 9:00 AM	1/24/25 2:15 PM	0:15	1.33	19.95	Data from flow meter	JJ
			1/27/2025 1:00PM	☑	☑	GOOD	☑	Y	W	SM				1/27/25 1:00 PM	1/27/25 9:30 PM	1:30	8.85	796.50	Data from flow meter	JJ
			1/28/2025 1:45PM	☑	☑	GOOD	☑	Y	W	SM				1/28/25 1:45 PM	1/28/25 9:15 PM	2:15	54.55	7364.25	Data from flow meter	JJ
			1/29/2025 11:15AM	☑	☑	GOOD	☑	Y	W	R/SM	1.44	1/30/25	01/31/25	1/29/25 11:15 AM	2/1/25 12:00 AM	38:45	444.8	1034160.00	Data from flow meter	JJ
005	Kerens Ave.	Tygart Valley River	1/1/2025 12:30AM	☑	☑	N/A	☑	Y	W	R/S/SM	2.34	1/1/25	01/09/25	1/1/25 12:30 AM	1/1/25 2:15 PM	1:30	54.6	4914.00	Data from flow meter	JJ
			1/6/2025 11:45AM	☑	☑	N/A	☑	Y	W	R/S/SM	2.34	1/1/25	1/9/25	1/6/2025	1/6/2025	0:30	30.18	905.40	Data from flow meter	JJ
			1/18/2025 3:45PM	☑	☑	N/A	☑	Y	W	S/SM	0.87	1/18/25	1/22/25	1/18/25 3:45 PM	1/19/25 1:45 PM	8:15	281.15	139169.25	Data from flow meter	JJ
			1/29/2025 12:30PM	☑	☑	N/A	☑	Y	W	R/SM	1.44	1/30/25	1/31/25	1/29/25 12:30 PM	2/1/25 12:00 AM	30:15	939.61	1705392.10	Data from flow meter	JJ
006	Davis Ave.	Tygart Valley River	1/31/2025 8:00AM	☑	☑	GOOD	☑	Y	W	R/SM	1.44	1/30/25	01/31/25	1/31/25 8:00 AM	2/1/25 12:00 AM	16:00	268.85	258096.00	Data from flow meter	JJ
																			Data from flow meter	JJ
007	R.R. Ave./1st. Street	Tygart Valley River	1/31/2025 10:30AM	☑	☑	N/A	☑	Y	W	R/SM	1.44	1/30/25	1/31/25	1/31/25 10:30 AM	2/1/25 12:00 AM	9:00	92.73	50074.20	Data from flow meter	JJ
																			Data from flow meter	JJ

008	Worth Ave.	Tygart Valley River	1/30/2025 11:30PM	☑	☑	N/A	☑	Y	W	R/SM	1.44	1/30/25	1/31/25	1/30/25 11:30 PM	1/31/25 11:45 PM	19:45	2441.51	2893189.30	Data from flow meter	JJ
																			Data from flow meter	JJ
009	Lower Pleasant Ave.	Cravens Run																	Data from flow meter	JJ
																			Data from flow meter	JJ
011	Mt. View Dr.	Tygart Valley River	1/1/2025 12:30AM	☑	☑	N/A	☑	Y	W	R/S/SM	2.34	1/1/25	1/9/25	1/1/25 12:30 AM	1/1/25 2:45 AM	1:45	1.6	168.00	Data from flow meter	JJ
			1/31/2025 1:15AM	☑	☑	N/A	☑	Y	W	R/SM	1.44	1/30/25	01/31/25	1/31/25 1:15 AM	2/1/25 12:00 AM	21:45	99.15	129390.75	Data from flow meter	JJ
																			Data from flow meter	JJ
016	R.R. Ave./10th. Street	Tygart Valley River	1/1/2025 12:00AM	☑	☑	N/A	☑	Y	W	R/S/SM	2.34	1/1/25	1/9/25	1/1/25 12:00 AM	1/2/25 3:30 PM	20:45	35.67	44409.15	Data from flow meter	JJ
			1/6/2025 10:15AM	☑	☑	N/A	☑	Y	W	R/S/SM	2.34	1/1/25	1/9/25	1/6/25 10:15 AM	1/6/25 10:15 PM	9:45	14.3	8365.50	Data from flow meter	JJ
			1/7/2025 11:30AM	☑	☑	N/A	☑	Y	W	R/S/SM	2.34	1/1/25	1/9/25	1/7/25 11:30 AM	1/7/25 7:00 PM	1:00	8.19	491.40	Data from flow meter	JJ
			1/8/2025 9:45AM	☑	☑	N/A	☑	Y	W	R/S/SM	2.34	1/1/25	1/9/25	1/8/25 9:45 AM	1/8/25 5:00 PM	0:45	7.42	333.90	Data from flow meter	JJ
			1/10/2025 6:30AM	☑	☑	N/A	☑	Y	W	SM				1/10/25 6:30 AM	1/10/25 10:15 AM	3:00	1.57	282.60	Data from flow meter	JJ
			1/12/2025 2:30PM	☑	☑	N/A	☑	Y	W	S/SM	0.3	1/11/25	01/12/25	1/12/25 2:30 PM	1/12/25 7:00 PM	0:45	3.77	169.65	Data from flow meter	JJ
			1/17/2025 2:00PM	☑	☑	N/A	☑	Y	W	S/SM	0.1	1/16/25	01/17/25	1/17/25 2:00 PM	1/17/25 5:30 PM	0:30	9.01	270.30	Data from flow meter	JJ
			1/18/2025 11:45AM	☑	☑	N/A	☑	Y	W	S/SM	0.87	1/18/25	01/22/25	1/18/25 11:45 AM	1/22/25 9:30 PM	72:45	105.4	460071.00	Data from flow meter	JJ
			1/26/2025 2:30PM	☑	☑	N/A	☑	Y	W	SM				1/26/25 2:30 PM	1/26/25 4:30 PM	0:30	5.04	151.20	Data from flow meter	JJ
			1/28/2025 2:15PM	☑	☑	N/A	☑	Y	W	SM				1/28/25 2:15 PM	1/28/25 8:45 PM	4:00	13.55	3252.00	Data from flow meter	JJ
			1/29/2025 11:15AM	☑	☑	N/A	☑	Y	W	R/SM	1.44	1/30/25	01/31/25	1/29/25 11:15 AM	2/1/25 12:00 AM	51:30	1107.14	3421062.60	Data from flow meter	JJ
																			Data from flow meter	JJ
017	S. Davis Ave.	Tygart Valley River	1/30/2025 11:45PM	☑	☑	N/A	☑	Y	W	R/SM	1.44	1/30/25	1/31/25	1/30/25 11:45 PM	1/31/25 4:00 PM	9:45	336.41	196799.85	Data from flow meter	JJ
																			Data from flow meter	JJ
018	S. Kerens Ave.	Tygart Valley River	1/30/2025 11:45PM	☑	☑	GOOD	☑	Y	W	R/SM	1.44	1/30/25	1/31/25	1/30/25 11:45 PM	2/1/25 12:00 AM	24:15	573.16	833947.80	Data from flow meter	JJ
																			Data from flow meter	JJ
																			Data from flow meter	JJ
019	S. Henry Ave.	Tygart Valley River	1/31/2025 7:00AM	☑	☑	GOOD	☑	Y	W	R/SM	1.44	1/30/25	1/31/25	1/31/25 7:00 AM	1/31/25 8:45 PM	13:45	355.97	293675.25	Data from flow meter	JJ
																			Data from flow meter	JJ
																			Data from flow meter	JJ
020	Flood Control Road	Tygart Valley River	1/31/2025 7:30AM	☑	☑	N/A	☑	Y	W	R/SM	1.44	1/30/25	1/31/25	1/31/25 7:30 AM	2/1/25 12:00 AM	16:30	1122.84	1111611.60	Data from flow meter	JJ
																			Data from flow meter	JJ
																			Data from flow meter	JJ

Monthly Precipitation 5.1

Total Estimated Monthly Discharge 16312458.92

Events Summary

Wet Weather Events: 6 **Dates: 1/1-1/9,1/11-1/12,1/16-1/17,1/18-1/22,1/24,1/30-1/31**

Dry Weather Events: 1 **Dates: 1/25-1/27**

Total Events: 7

CITY OF ELKINS
Permit # WV0020028
Monthly CSO Inspection/Discharge Report
February 2025

Outfall #	Location	Receiving Stream	Inspection Date/Time	Backflow Device	Signs	Regulator	General Condition	Discharge Y/N	Discharge W/D	Cause	Precipitation Est. Amt.	Precipitation Start Date	Precipitation Stop Date	Discharge Estimated Start Date/Time	Discharge Estimated Stop Date/Time	Est. Duration Hrs/Min	Est. Flow GPM	Est. Total Flow	Comments or Corrective Action	Operator
002	Barron Ave.	Tygart Valley River	2/1/2025 12:00AM	☑	☑	N/A	☑	Y	W	R/S/SM	0.66	2/1/25	2/1/25	2/1/25 12:00 AM	2/4/25 8:00 AM	58:30	227.98	800209.80	Data from flow meter	JJ
			2/5/2025 9:45PM	☑	☑	N/A	☑	Y	W	R/S/SM	3.59	2/5/25	02/13/25	2/5/25 9:45 PM	2/6/25 8:00 PM	21:30	1478.33	1907045.70	Data from flow meter	JJ
			2/8/2025 11:00PM	☑	☑	N/A	☑	Y	W	R/S/SM	3.59	2/5/25	2/13/25	2/8/25 11:00 PM	2/9/25 1:30 AM	2:30	206.3	30945.00	Data from flow meter	JJ
			2/15/2025 4:30PM	☑	☑	N/A	☑	Y	W	R/S/SM	1.43	2/15/25	2/21/25	2/15/25 4:30 PM	2/16/25 7:45 PM	9:15	233.19	129420.45	Data from flow meter	JJ
																			Data from flow meter	JJ
003	Cherokee Street	Tygart Valley River	2/1/2025 12:30AM	☑	☑	N/A	☑	Y	W	R/S/SM	0.66	2/1/25	2/1/25	2/1/25 12:30 AM	2/1/25 12:45 AM	0:15	27.34	410.10	Data from flow meter	JJ
			2/1/25 7:45 PM	☑	☑	N/A	☑	Y	W	R/S/SM	0.66	2/1/25	02/01/25	2/1/25 7:45 PM	2/2/25 2:30 PM	5:15	401.64	126516.60	Data from flow meter	JJ
			2/5/2025 10:15PM	☑	☑	N/A	☑	Y	W	R/S/SM	3.59	2/5/25	2/13/25	2/5/25 10:15 PM	2/6/25 11:45 PM	15:45	421.89	398686.05	Data from flow meter	JJ
			2/7/2025 1:15PM	☑	☑	N/A	☑	Y	W	R/S/SM	3.59	2/5/25	2/13/25	2/7/25 1:15 PM	2/7/25 11:15 PM	3:30	14.54	3053.40	Data from flow meter	JJ
																			Data from flow meter	JJ
004	Henry Ave.	Tygart Valley River	2/1/2025 12:00AM	☑	☑	GOOD	☑	Y	W	R/S/SM	0.66	2/1/25	2/1/25	2/1/25 12:00 AM	2/10/25 11:00 PM	186:00	333.56	3722529.60	Data from flow meter	JJ
			2/11/2025 1:00PM	☑	☑	GOOD	☑	Y	W	R/S/SM	3.59	2/5/25	2/13/25	2/11/25 1:00 PM	2/11/25 5:15 PM	0:45	15.17	682.65	Data from flow meter	JJ
			2/12/2025 7:00AM	☑	☑	GOOD	☑	Y	W	R/S/SM	3.59	2/5/25	2/13/25	2/12/25 7:00 AM	2/14/25 4:15 PM	36:15	101.21	220131.75	Data from flow meter	JJ
			2/15/2025 8:30AM	☑	☑	GOOD	☑	Y	W	R/S/SM	1.43	2/15/25	2/21/25	2/15/25 8:30 AM	2/19/25 3:45 PM	72:00	269.43	1163937.60	Data from flow meter	JJ
			2/20/2025 7:00AM	☑	☑	GOOD	☑	Y	W	R/S/SM	1.43	2/15/24	02/21/25	2/20/25 7:00 AM	2/20/25 1:00 PM	1:00	10.12	607.20	Data from flow meter	JJ
			2/25/2025 1:15PM	☑	☑	GOOD	☑	Y	W	SM				2/25/25 1:15 PM	2/25/25 2:30 PM	0:30	4.17	125.10	Data from flow meter	JJ
			2/27/2025 7:00AM	☑	☑	GOOD	☑	Y	W	R/S	0.37	2/26/25	2/28/25	2/27/25 7:00 AM	2/28/25 1:15 PM	6:30	190.62	74341.80	Data from flow meter	JJ
																			Data from flow meter	JJ
005	Kerens Ave.	Tygart Valley River	2/1/2025 12:00AM	☑	☑	N/A	☑	Y	W	R/S/SM	0.66	2/1/25	02/01/25	2/1/25 12:00 AM	2/4/25 2:45 PM	61:45	626.39	2320774.90	Data from flow meter	JJ
			2/5/2025 8:00AM	☑	☑	N/A	☑	Y	W	R/S/SM	3.59	2/5/25	2/13/25	2/5/2025	2/10/2025	95:00	476.11	2713827.00	Data from flow meter	JJ
			2/11/2025 1:00PM	☑	☑	N/A	☑	Y	W	R/S/SM	3.59	2/5/25	2/13/25	2/11/25 1:00 PM	2/11/25 3:15 PM	0:15	13.86	207.90	Data from flow meter	JJ
			2/12/2025 7:45AM	☑	☑	N/A	☑	Y	W	R/S/SM	3.59	2/5/25	2/13/25	2/12/25 7:45 AM	2/14/25 4:15 PM	31:45	174.88	333146.40	Data from flow meter	JJ
			2/15/2025 10:45AM	☑	☑	N/A	☑	Y	W	R/S/SM	1.43	2/15/25	02/21/25	2/15/25 10:45 AM	2/18/25 8:30 PM	67:15	237.93	960047.55	Data from flow meter	JJ
			2/19/2025 8:30AM	☑	☑	N/A	☑	Y	W	R/S/SM	1.43	2/15/25	02/21/25	2/19/25 8:30 AM	2/19/25 3:15 PM	2:15	22.31	3011.85	Data from flow meter	JJ
			2/27/2025 7:00AM	☑	☑	N/A	☑	Y	W	R/S	0.37	2/26/25	2/28/25	2/27/25 7:00 AM	2/28/25 12:30 AM	4:30	418.09	112884.30	Data from flow meter	JJ
																			Data from flow meter	JJ
006	Davis Ave.	Tygart Valley River	2/1/2025 12:00AM	☑	☑	GOOD	☑	Y	W	R/S/SM	0.66	2/1/25	02/01/25	2/1/25 12:00 AM	2/2/25 6:45 AM	30:00	177.49	319482.00	Data from flow meter	JJ
			2/5/2025 9:15PM	☑	☑	GOOD	☑	Y	W	R/S/SM	3.59	2/5/25	2/13/25	2/5/25 9:15 PM	2/6/25 9:30 AM	7:45	261.93	121797.45	Data from flow meter	JJ
			2/8/2025 3:30PM	☑	☑	GOOD	☑	Y	W	R/S/SM	3.59	2/5/25	2/13/25	2/8/25 3:30 PM	2/9/25 12:00 AM	1:00	49	2940.00	Data from flow meter	JJ
			2/15/2025 9:15PM	☑	☑	GOOD	☑	Y	W	R/S/SM	1.43	2/15/25	02/21/25	2/15/25 9:15 PM	2/15/25 9:15 PM	0:01	5	5.00	Data from flow meter	JJ
			2/16/2025 1:00PM	☑	☑	GOOD	☑	Y	W	R/S/SM	1.43	2/15/25	02/21/25	2/16/25 1:00 PM	2/16/25 1:45 PM	0:45	30.24	1360.80	Data from flow meter	JJ
			2/27/2025 8:15PM	☑	☑	GOOD	☑	Y	W	R/S	0.37	2/26/25	2/28/25	2/27/25 8:15 PM	2/27/25 8:15 PM	0:01	5.27	5.27	Data from flow meter	JJ
																			Data from flow meter	JJ
007	R.R. Ave./1st. Street	Tygart Valley River	2/1/2025 12:00AM	☑	☑	N/A	☑	Y	W	R/S/SM	0.66	2/1/25	2/1/25	2/1/25 12:00 AM	2/2/25 3:45 AM	17:30	83.46	87633.00	Data from flow meter	JJ
			2/6/2025 3:30AM	☑	☑	N/A	☑	Y	W	R/S/SM	3.59	2/5/25	02/13/25	2/6/25 3:30 AM	2/6/25 3:45 AM	0:15	288.5	4327.50	Data from flow meter	JJ
																			Data from flow meter	JJ
008	Worth Ave.	Tygart Valley River	2/1/2025 12:15AM	☑	☑	N/A	☑	Y	W	R/S/SM	0.66	2/1/25	2/1/25	2/1/25 12:15 AM	2/2/25 4:45 PM	28:00	195.37	328221.60	Data from flow meter	JJ
			2/5/2025 8:45PM	☑	☑	N/A	☑	Y	W	R/S/SM	3.59	2/5/25	02/13/25	2/5/25 8:45 PM	2/9/25 1:00 AM	54:45	420.29	1380652.60	Data from flow meter	JJ
			2/15/2025 12:00PM	☑	☑	N/A	☑	Y	W	R/S/SM	1.43	2/15/25	2/21/25	2/15/25 12:00 PM	2/18/25 9:00 AM	55:15	389.87	1292419.00	Data from flow meter	JJ
			2/19/2025 7:45AM	☑	☑	N/A	☑	Y	D					2/19/25 7:45 AM	2/19/25 2:15 PM	6:30	1090.28	425209.20	Data from flow meter	JJ
			2/25/2025 11:15AM	☑	☑	N/A	☑	Y	W	SM				2/25/25 11:15 AM	2/25/25 11:30 AM	0:15	332.37	4985.55	Data from flow meter	JJ
			2/27/2025 8:30PM	☑	☑	N/A	☑	Y	W	R/S	0.37	2/26/25	02/28/25	2/27/25 8:30 PM	2/27/25 8:45 PM	0:15	224.58	3368.70	Data from flow meter	JJ
																			Data from flow meter	JJ

009	Lower Pleasant Ave.	Cravens Run																	Data from flow meter	JJ
																			Data from flow meter	JJ
																			Data from flow meter	JJ
011	Mt. View Dr.	Tygart Valley River	2/1/2025 12:00AM	☑	☑	N/A	☑	Y	W	R/S/SM	0.66	2/1/25	2/1/25	2/1/25 12:00 AM	2/2/25 12:45 AM	16:15	18.91	18437.25	Data from flow meter	JJ
			2/5/2025 10:15PM	☑	☑	N/A	☑	Y	W	R/S/SM	3.59	2/5/25	02/13/25	2/5/25 10:15 PM	2/7/25 2:45 PM	23:15	99.54	138858.30	Data from flow meter	JJ
			2/8/2025 11:15PM	☑	☑	N/A	☑	Y	W	R/S/SM	3.59	2/5/25	2/13/25	2/8/25 11:15 PM	2/9/25 3:00 AM	2:30	53.01	7951.50	Data from flow meter	JJ
			2/15/2025 2:15PM	☑	☑	N/A	☑	Y	W	R/S/SM	1.43	2/15/25	2/21/25	2/15/25 2:15 PM	2/16/25 9:45 PM	21:30	21.83	28160.70	Data from flow meter	JJ
																			Data from flow meter	JJ
016	R.R. Ave./10th. Street	Tygart Valley River	2/1/2025 12:00AM	☑	☑	N/A	☑	Y	W	R/S/SM	0.66	2/1/25	2/1/25	2/1/25 12:00 AM	2/4/25 8:15 PM	76:00	469.28	2139916.80	Data from flow meter	JJ
			2/5/2025 2:30PM	☑	☑	N/A	☑	Y	W	R/S/SM	3.59	2/5/25	2/13/25	2/5/25 2:30 PM	2/11/25 2:15 PM	132:45	635.26	5059845.90	Data from flow meter	JJ
			2/12/2025 6:45AM	☑	☑	N/A	☑	Y	W	R/S/SM	3.59	2/5/25	2/13/25	2/12/25 6:45 AM	2/26/25 1:00 AM	224:30	234.07	3152922.90	Data from flow meter	JJ
			2/26/2025 12:15PM	☑	☑	N/A	☑	Y	W	R/S	0.37	2/26/25	2/28/25	2/26/25 12:15 PM	2/28/25 10:15 PM	30:00	71.17	128106.00	Data from flow meter	JJ
																			Data from flow meter	JJ
017	S. Davis Ave.	Tygart Valley River	2/5/2025 8:45PM	☑	☑	N/A	☑	Y	W	R/S/SM	3.59	2/5/25	2/13/25	2/5/25 8:45 PM	2/6/25 8:00 AM	2:45	151.2	24948.00	Data from flow meter	JJ
			2/10/2025 1:45PM	☑	☑	N/A	☑	Y	W	R/S/SM	3.59	2/5/25	2/13/25	2/10/25 1:45 PM	2/10/25 1:45 PM	0:01	51.31	51.31	Data from flow meter	JJ
			2/15/2025 12:15PM	☑	☑	N/A	☑	Y	W	R/S/SM	1.43	2/15/25	2/21/25	2/15/25 12:15 PM	2/15/25 9:30 PM	7:45	104.57	48625.05	Data from flow meter	JJ
			2/20/2025 3:30AM	☑	☑	N/A	☑	Y	W	R/S/SM	1.43	2/15/25	2/21/25	2/20/25 3:30 AM	2/20/25 7:15 AM	1:45	18.5	1942.50	Data from flow meter	JJ
																			Data from flow meter	JJ
018	S. Kerens Ave.	Tygart Valley River	2/1/2025 12:00AM	☑	☑	GOOD	☑	Y	W	R/S/SM	0.66	2/1/25	2/1/25	2/1/25 12:00 AM	2/2/25 7:00 PM	39:30	92.48	219177.60	Data from flow meter	JJ
			2/5/2025 3:15PM	☑	☑	GOOD	☑	Y	W	R/S/SM	3.59	2/5/25	02/13/25	2/5/25 3:15 PM	2/9/25 3:30 AM	60:45	260.69	950215.05	Data from flow meter	JJ
			2/10/2025 1:45PM	☑	☑	GOOD	☑	Y	W	R/S/SM	3.59	2/5/25	2/13/25	2/10/25 1:45 PM	2/10/25 1:45 PM	0:01	418.48	418.48	Data from flow meter	JJ
			2/13/2025 9:15AM	☑	☑	GOOD	☑	Y	W	R/S/SM	3.59	2/5/25	2/13/25	2/13/25 9:15 AM	2/13/25 2:45 PM	1:15	148.23	11117.25	Data from flow meter	JJ
			2/15/2025 12:15PM	☑	☑	GOOD	☑	Y	W	R/S/SM	1.43	2/15/25	02/21/25	2/15/25 12:15 PM	2/17/25 6:30 PM	52:45	208.91	661200.15	Data from flow meter	JJ
			2/27/2025 8:15PM	☑	☑	GOOD	☑	Y	W	R/S	0.37	2/26/25	02/28/25	2/27/25 8:15 PM	2/27/25 8:45 PM	0:30	13.44	403.20	Data from flow meter	JJ
																			Data from flow meter	JJ
019	S. Henry Ave.	Tygart Valley River	2/1/2025 3:00AM	☑	☑	GOOD	☑	Y	W	R/S/SM	0.66	2/1/25	2/1/25	2/1/25 3:00 AM	2/2/25 10:30 PM	6:45	6.91	2798.55	Data from flow meter	JJ
			2/5/2025 9:30PM	☑	☑	GOOD	☑	Y	W	R/S/SM	3.59	2/5/25	02/13/25	2/5/25 9:30 PM	2/7/25 12:15 PM	22:15	218.76	292044.60	Data from flow meter	JJ
			2/8/2025 2:45AM	☑	☑	GOOD	☑	Y	W	R/S/SM	3.59	2/5/25	2/13/25	2/8/25 2:45 AM	2/8/25 10:30 AM	6:30	7.47	2913.30	Data from flow meter	JJ
			2/8/2025 11:00PM	☑	☑	GOOD	☑	Y	W	R/S/SM	3.59	2/5/25	2/13/25	2/8/25 11:00 PM	2/9/25 12:15 AM	0:45	74.02	3330.90	Data from flow meter	JJ
			2/15/2025 12:30PM	☑	☑	GOOD	☑	Y	W	R/S/SM	1.43	2/15/25	02/21/25	2/15/25 12:30 PM	2/17/25 8:45 PM	21:30	45.47	58656.30	Data from flow meter	JJ
			2/18/2025 7:15PM	☑	☑	GOOD	☑	Y	W	R/S/SM	1.43	2/15/25	02/21/25	2/18/25 7:15 PM	2/19/25 3:00 AM	6:45	0.6	243.00	Data from flow meter	JJ
																			Data from flow meter	JJ
020	Flood Control Road	Tygart Valley River	2/1/2025 12:00AM	☑	☑	N/A	☑	Y	W	R/S/SM	0.66	2/1/25	2/1/25	2/1/25 12:00 AM	2/2/25 7:45 PM	43:45	547.1	1436137.50	Data from flow meter	JJ
			2/5/2025 10:00PM	☑	☑	N/A	☑	Y	W	R/S/SM	3.59	2/5/25	02/13/25	2/5/25 10:00 PM	2/7/25 4:30 PM	42:00	784.01	1975705.20	Data from flow meter	JJ
			2/9/2025 12:00AM	☑	☑	N/A	☑	Y	W	R/S/SM	3.59	2/5/25	2/13/25	2/9/25 12:00 AM	2/9/25 1:00 AM	1:00	299.27	17956.20	Data from flow meter	JJ
			2/15/2025 1:45PM	☑	☑	N/A	☑	Y	W	R/S/SM	1.43	2/15/25	2/21/25	2/15/25 1:45 PM	2/17/25 6:15 AM	35:30	446.21	950427.30	Data from flow meter	JJ
																			Data from flow meter	JJ

Monthly Precipitation 6.05in

Total Estimated Monthly Discharge **36327461.16**

Events Summary

Wet Weather Events: 4 **Dates: 2/1,2/5-2/13,2/15-2/21,2/26-2/28**

Dry Weather Events: 1 **Dates: 2/19**

Total Events: 5

CITY OF ELKINS
Permit # WV0020028
Monthly CSO Inspection/Discharge Report
March 2025

Outfall #	Location	Receiving Stream	Inspection Date/Time	Backflow Device	Signs	Regulator	General Conditio	Discharge Y/N	Discharge W/D	Cause	Precipitation Est. Amt.	Precipitation Start Date	Precipitation Stop Date	Discharge Estimated Start Date/Time	Discharge Estimated Stop Date/Time	Est. Duration Hrs/Min	Est. Flow GPM	Est. Total Flow	Comments or Corrective Action	Operator
002	Barron Ave.	Tygart Valley River	3/5/2025 10:15AM	☑	☑	N/A	☑	Y	W	R/S/SM	0.43	3/5/25	3/6/25	3/5/25 10:15 AM	3/5/25 10:30 AM	0:15	27.1	406.50	Data from flow meter	JJ
			3/16/2025 1:15PM	☑	☑	N/A	☑	Y	W	RAIN	0.34	3/16/25	03/17/25	3/16/25 1:15 PM	3/16/25 1:15 PM	0:01	5.4	5.40	Data from flow meter	JJ
			3/30/2025 2:30PM	☑	☑	N/A	☑	Y	W	RAIN	0.79	3/30/25	3/31/25	3/30/25 2:30 PM	4/1/25 12:00 AM	12:00	530.41	381895.20	Data from flow meter	JJ
003	Cherokee Street	Tygart Valley River	3/31/2025 5:45PM	☑	☑	N/A	☑	Y	W	RAIN	0.79	3/30/25	3/31/25	3/31/25 5:45 PM	3/31/25 6:30 PM	0:45	94.29	4243.05	Data from flow meter	JJ
																			Data from flow meter	JJ
004	Henry Ave.	Tygart Valley River	3/5/2025 10:00AM	☑	☑	GOOD	☑	Y	W	R/S/SM	0.43	3/5/25	3/6/25	3/5/25 10:00 AM	3/5/25 4:45 PM	3:00	384.03	69125.40	Data from flow meter	JJ
			3/8/2025 5:15AM	☑	☑	GOOD	☑	Y	W	S/SM	0.15	3/7/25	3/8/25	3/8/25 5:15 AM	3/8/25 7:15 PM	9:15	726.93	403446.15	Data from flow meter	JJ
			3/10/2025 11:30AM	☑	☑	GOOD	☑	Y	D					3/10/25 11:30 AM	3/10/25 7:30 PM	1:15	2772.94	207970.50	Data from flow meter	JJ
			3/11/2025 9:15AM	☑	☑	GOOD	☑	Y	D					3/11/25 9:15 AM	3/11/25 5:30 PM	1:15	608.01	45600.75	Data from flow meter	JJ
			3/12/2025 2:00PM	☑	☑	GOOD	☑	Y	D					3/12/25 2:00 PM	3/12/25 8:30 PM	5:00	2718.43	815529.00	Data from flow meter	JJ
			3/13/2025 8:45AM	☑	☑	GOOD	☑	Y	D					3/13/25 8:45 AM	3/13/25 6:45 PM	5:45	6038	2083110.00	Data from flow meter	JJ
			3/14/2025 11:15AM	☑	☑	GOOD	☑	Y	D					3/14/25 11:15 AM	3/16/25 10:45 PM	43:15	2310.55	5995877.20	Data from flow meter	JJ
			3/17/2025 11:15AM	☑	☑	GOOD	☑	Y	W	RAIN	0.34	3/16/25	03/17/25	3/17/25 11:15 AM	3/17/25 6:00 PM	1:00	8737.47	524248.20	Data from flow meter	JJ
			3/18/2025 6:15PM	☑	☑	GOOD	☑	Y	D					3/18/25 6:15 PM	3/18/25 7:45 PM	1:30	7391.57	665241.30	Data from flow meter	JJ
			3/19/2025 8:30PM	☑	☑	GOOD	☑	Y	D					3/19/25 8:30 PM	3/19/25 8:30 PM	0:01	3805.75	3805.75	Data from flow meter	JJ
			3/30/2025 12:45PM	☑	☑	GOOD	☑	Y	W	RAIN	0.79	3/30/25	03/31/25	3/30/25 12:45 PM	4/1/25 12:00 AM	20:00	291.71	350052.00	Data from flow meter	JJ
005	Kerens Ave.	Tygart Valley River	3/5/2025 10:00AM	☑	☑	N/A	☑	Y	W	R/S/SM	0.43	3/5/25	03/06/25	3/5/25 10:00 AM	3/5/25 4:15 PM	2:30	1017.95	152692.50	Data from flow meter	JJ
			3/8/2025 5:15AM	☑	☑	N/A	☑	Y	W	S/SM	0.15	3/7/25	3/8/25	3/8/2025	3/8/2025	0:15	188.28	2824.20	Data from flow meter	JJ
			3/16/2025 1:00PM	☑	☑	N/A	☑	Y	W	RAIN	0.34	3/16/25	3/17/25	3/16/25 1:00 PM	3/16/25 4:45 PM	0:45	570.43	25669.35	Data from flow meter	JJ
			3/30/2025 12:45PM	☑	☑	N/A	☑	Y	W	RAIN	0.79	3/30/25	3/31/25	3/30/25 12:45 PM	4/1/25 12:00 AM	20:00	462.1	554520.00	Data from flow meter	JJ
006	Davis Ave.	Tygart Valley River	3/5/2025 10:00AM	☑	☑	GOOD	☑	Y	W	R/S/SM	0.43	3/5/25	03/06/25	3/5/25 10:00 AM	3/5/25 2:45 PM	0:45	305.28	13737.60	Data from flow meter	JJ
			3/16/2025 12:45PM	☑	☑	GOOD	☑	Y	W	RAIN	0.34	3/16/25	3/17/25	3/16/25 12:45 PM	3/16/25 12:45 PM	0:01	157.78	157.78	Data from flow meter	JJ
			3/30/2025 2:15PM	☑	☑	GOOD	☑	Y	W	RAIN	0.79	3/30/25	3/31/25	3/30/25 2:15 PM	3/31/25 8:00 PM	5:30	219.63	72477.90	Data from flow meter	JJ
007	R.R. Ave./1st. Street	Tygart Valley River	3/5/2025 2:30PM	☑	☑	N/A	☑	Y	W	R/S/SM	0.43	3/5/25	3/6/25	3/5/25 2:30 PM	3/5/25 2:30 PM	0:01	272.25	272.25	Data from flow meter	JJ
																			Data from flow meter	JJ
008	Worth Ave.	Tygart Valley River	3/5/2025 10:00AM	☑	☑	N/A	☑	Y	W	R/S/SM	0.43	3/5/25	3/6/25	3/5/25 10:00 AM	3/5/25 3:00 PM	1:00	933.94	56036.40	Data from flow meter	JJ
			3/16/2025 1:00PM	☑	☑	N/A	☑	Y	W	RAIN	0.34	3/16/25	03/17/25	3/16/25 1:00 PM	3/16/25 1:00 PM	0:01	315.01	315.01	Data from flow meter	JJ
			3/30/2025 2:00PM	☑	☑	N/A	☑	Y	W	RAIN	0.79	3/30/25	3/31/25	3/30/25 2:00 PM	3/30/25 4:00 PM	2:00	1049.7	125964.00	Data from flow meter	JJ
			3/31/2025 4:15AM	☑	☑	N/A	☑	Y	W	RAIN	0.79	3/30/25	3/31/25	3/31/25 4:15 AM	3/31/25 10:30 PM	6:45	899.72	364386.60	Data from flow meter	JJ
009	Lower Pleasant Ave.	Cravens Run																	Data from flow meter	JJ
																			Data from flow meter	JJ

011	Mt. View Dr.	Tygart Valley River	3/30/2025 2:45PM	☑	☑	N/A	☑	Y	W	RAIN	0.79	3/30/25	3/31/25	3/30/25 2:45 PM	4/1/25 12:00 AM	11:15	61.57	41559.75	Data from flow meter	JJ
																			Data from flow meter	JJ
																			Data from flow meter	JJ
016	R.R. Ave./10th. Street	Tygart Valley River	3/1/2025 9:30AM	☑	☑	N/A	☑	Y	W	S/SM	0.02	3/1/25	3/2/25	3/1/25 9:30 AM	3/1/25 7:45 PM	0:45	6.83	307.35	Data from flow meter	JJ
			3/2/2025 10:30AM	☑	☑	N/A	☑	Y	W	S/SM	0.02	3/1/25	3/2/25	3/2/25 10:30 AM	3/2/25 10:00 PM	0:30	7.54	226.20	Data from flow meter	JJ
			3/4/2025 2:30PM	☑	☑	N/A	☑	Y	W	SM				3/4/25 2:30 PM	3/4/25 7:30 PM	2:00	7.04	844.80	Data from flow meter	JJ
			3/5/2025 9:45AM	☑	☑	N/A	☑	Y	W	R/S/SM	0.43	3/5/25	3/6/25	3/5/25 9:45 AM	3/6/25 1:45 PM	13:45	172.68	142461.00	Data from flow meter	JJ
			3/8/2025 5:00AM	☑	☑	N/A	☑	Y	W	S/SM	0.15	3/8/25	3/8/25	3/8/25 5:00 AM	3/8/25 10:45 PM	11:30	41.36	28538.40	Data from flow meter	JJ
			3/9/2025 11:45AM	☑	☑	N/A	☑	Y	W	SM				3/9/25 11:45 AM	3/9/25 9:30 PM	5:45	51.71	17839.95	Data from flow meter	JJ
			3/16/2025 12:45PM	☑	☑	N/A	☑	Y	W	RAIN	0.34	3/16/25	03/17/25	3/16/25 12:45 PM	3/16/25 6:00 PM	3:15	204.96	39967.20	Data from flow meter	JJ
			3/17/2025 9:45AM	☑	☑	N/A	☑	Y	W	RAIN	0.34	3/16/25	03/17/25	3/17/25 9:45 AM	3/17/25 9:45 AM	0:01	216.82	216.82	Data from flow meter	JJ
			3/19/2025 2:30AM	☑	☑	N/A	☑	Y	D					3/19/25 2:30 AM	3/19/25 2:30 AM	0:01	87.39	87.39	Data from flow meter	JJ
			3/20/2025 9:00PM	☑	☑	N/A	☑	Y	W	R/S/SM	0.08	3/20/25	03/21/25	3/20/25 9:00 PM	3/20/25 9:00 PM	0:01	5.61	5.61	Data from flow meter	JJ
			3/23/2025 7:45PM	☑	☑	N/A	☑	Y	W	RAIN	0.05	3/23/25	03/24/25	3/23/25 7:45 PM	3/24/25 5:15 AM	0:30	42.24	1267.20	Data from flow meter	JJ
			3/26/2025 1:00AM	☑	☑	N/A	☑	Y	W	S/SM	0.12	3/26/25	03/26/25	3/26/25 1:00 AM	3/26/25 5:45 PM	1:30	68.92	6202.80	Data from flow meter	JJ
			3/27/2025 10:30PM	☑	☑	N/A	☑	Y	W	S/SM	0.01	3/27/25	03/27/25	3/27/25 10:30 PM	3/27/25 10:30 PM	0:01	105.29	105.29	Data from flow meter	JJ
			3/28/2025 1:15PM	☑	☑	N/A	☑	Y	W	RAIN	0.08	3/28/25	03/29/25	3/28/25 1:15 PM	3/28/25 1:15 PM	0:01	39.45	39.45	Data from flow meter	JJ
			3/30/2025 12:45PM	☑	☑	N/A	☑	Y	W	RAIN	0.79	3/30/25	03/31/25	3/30/25 12:45 PM	4/1/25 12:00 AM	20:15	820.42	996810.30	Data from flow meter	JJ
																			Data from flow meter	JJ
017	S. Davis Ave.	Tygart Valley River	3/26/2025 9:15AM	☑	☑	N/A	☑	Y	W	S/SM	0.12	3/26/25	3/26/25	3/26/25 9:15 AM	3/26/25 9:15 AM	0:01	49.08	49.08	Data from flow meter	JJ
																			Data from flow meter	JJ
																			Data from flow meter	JJ
018	S. Kerens Ave.	Tygart Valley River	3/5/2025 10:00AM	☑	☑	GOOD	☑	Y	W	R/S/SM	0.43	3/5/25	3/6/25	3/5/25 10:00 AM	3/5/25 3:00 PM	1:15	354.44	26583.00	Data from flow meter	JJ
			3/16/2025 12:45PM	☑	☑	GOOD	☑	Y	W	RAIN	0.34	3/16/25	03/17/25	3/16/25 12:45 PM	3/16/25 4:45 PM	0:45	101.11	4549.95	Data from flow meter	JJ
			3/17/2025 9:45AM	☑	☑	GOOD	☑	Y	W	RAIN	0.34	3/16/25	3/17/25	3/17/25 9:45 AM	3/17/25 9:45 AM	0:01	266.85	266.85	Data from flow meter	JJ
			3/19/2025 2:30AM	☑	☑	GOOD	☑	Y	D					3/19/25 2:30 AM	3/19/25 2:30 AM	0:01	146.94	146.94	Data from flow meter	JJ
			3/23/2025 8:15PM	☑	☑	GOOD	☑	Y	W	RAIN	0.05	3/23/25	03/24/25	3/23/25 8:15 PM	3/23/25 8:15 PM	0:01	24.22	24.22	Data from flow meter	JJ
			3/26/2025 9:15AM	☑	☑	GOOD	☑	Y	W	S/SM	0.12	3/26/25	03/26/25	3/26/25 9:15 AM	3/26/25 5:45 PM	0:15	121.59	1823.85	Data from flow meter	JJ
			3/27/2025 10:30PM	☑	☑	GOOD	☑	Y	W	S/SM	0.01	3/27/25	3/27/25	3/27/25 10:30 PM	3/27/25 10:30 PM	0:01	149.53	149.53	Data from flow meter	JJ
			3/30/2025 2:15PM	☑	☑	GOOD	☑	Y	W	RAIN	0.79	3/30/25	03/31/25	3/30/25 2:15 PM	4/1/25 12:00 AM	11:15	403.45	272328.75	Data from flow meter	JJ
																			Data from flow meter	JJ
019	S. Henry Ave.	Tygart Valley River	3/5/2025 10:00AM	☑	☑	GOOD	☑	Y	W	R/S/SM	0.43	3/5/25	3/6/25	3/5/25 10:00 AM	3/5/25 2:45 PM	0:45	96.03	4321.35	Data from flow meter	JJ
			3/17/2025 9:45AM	☑	☑	GOOD	☑	Y	W	RAIN	0.34	3/16/25	03/17/25	3/17/25 9:45 AM	3/17/25 9:45 AM	0:01	13.65	13.65	Data from flow meter	JJ
			3/30/2025 2:30PM	☑	☑	GOOD	☑	Y	W	RAIN	0.79	3/30/25	3/31/25	3/30/25 2:30 PM	3/30/25 3:15 PM	0:45	116.2	5229.00	Data from flow meter	JJ
			3/31/2025 4:30AM	☑	☑	GOOD	☑	Y	W	RAIN	0.79	3/30/25	3/31/25	3/31/25 4:30 AM	3/31/25 4:30 AM	0:01	120.58	120.58	Data from flow meter	JJ
			3/31/2025 4:30PM	☑	☑	GOOD	☑	Y	W	RAIN	0.79	3/30/25	03/31/25	3/31/25 4:30 PM	3/31/25 11:30 PM	6:45	195.33	79108.65	Data from flow meter	JJ
020	Flood Control Road	Tygart Valley River	3/30/2025 3:15PM	☑	☑	N/A	☑	Y	W	RAIN	0.79	3/30/25	3/31/25	3/30/25 3:15 PM	3/30/25 3:45 PM	0:30	204.02	6120.60	Data from flow meter	JJ
			3/31/2025 5:30PM	☑	☑	N/A	☑	Y	W	RAIN	0.79	3/30/25	03/31/25	3/31/25 5:30 PM	3/31/25 11:45 PM	6:00	461.87	166273.20	Data from flow meter	JJ
																			Data from flow meter	JJ

Monthly Precipitation 2.07

Total Estimated Monthly Discharge 14763198.70

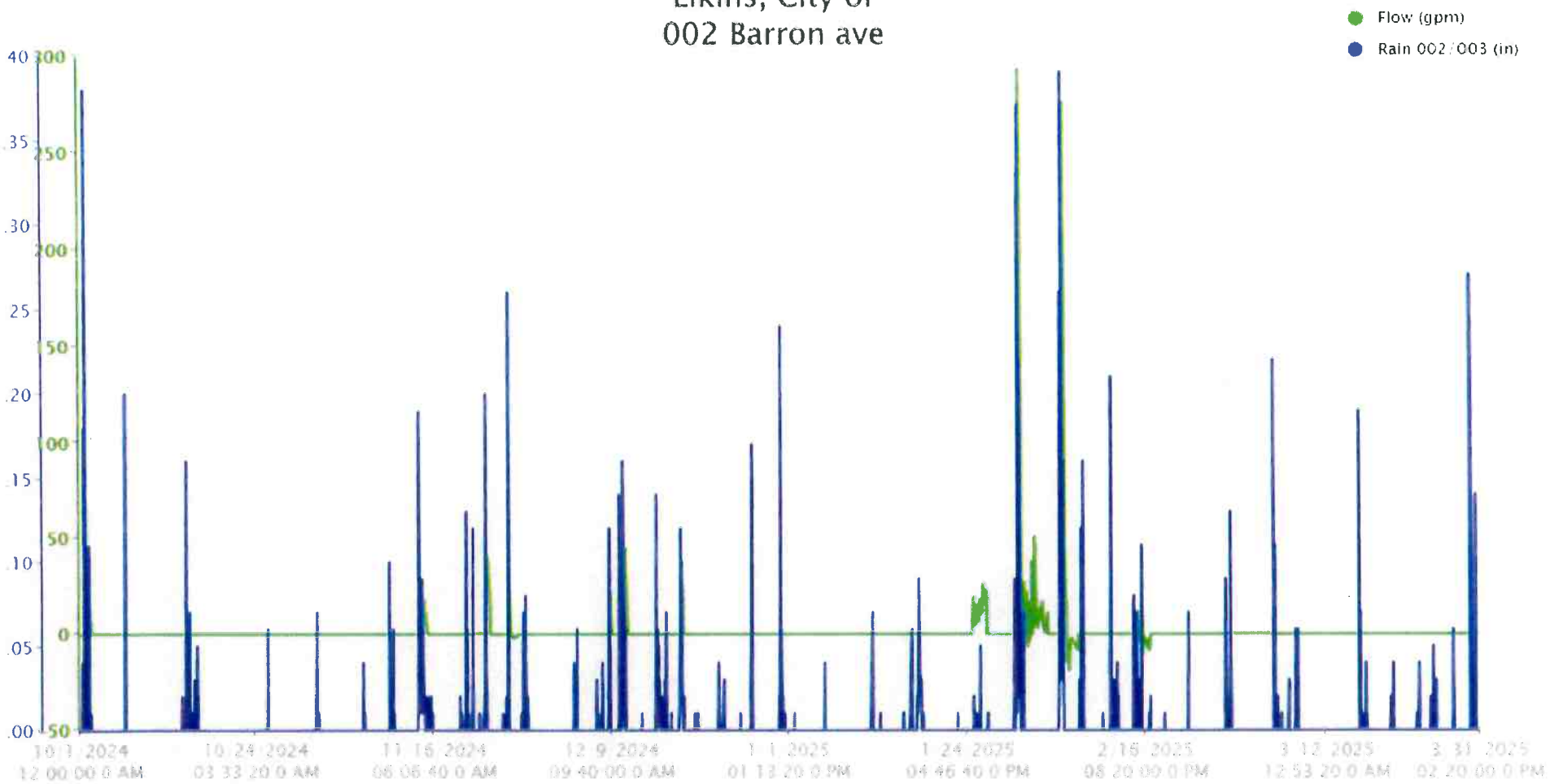
Events Summary

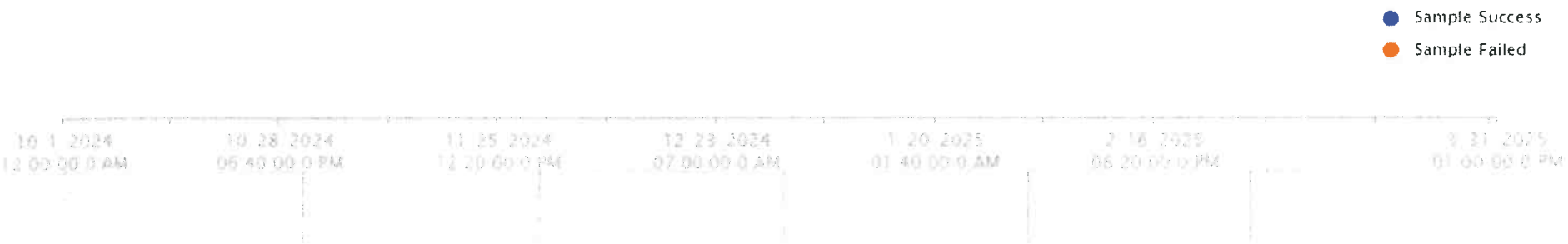
Wet Weather Events: 11 Dates: 3/1-3/2,3/4,3/5-3/6,3/8,3/16-3/17,3/20-3/21,3/23-3/24,3/26,3/27,3/28-3/29,3/30-3/31

Dry Weather Events: 9 Dates: 3/10,3/11, 3/12,3/13,3/14,3/18,3/19

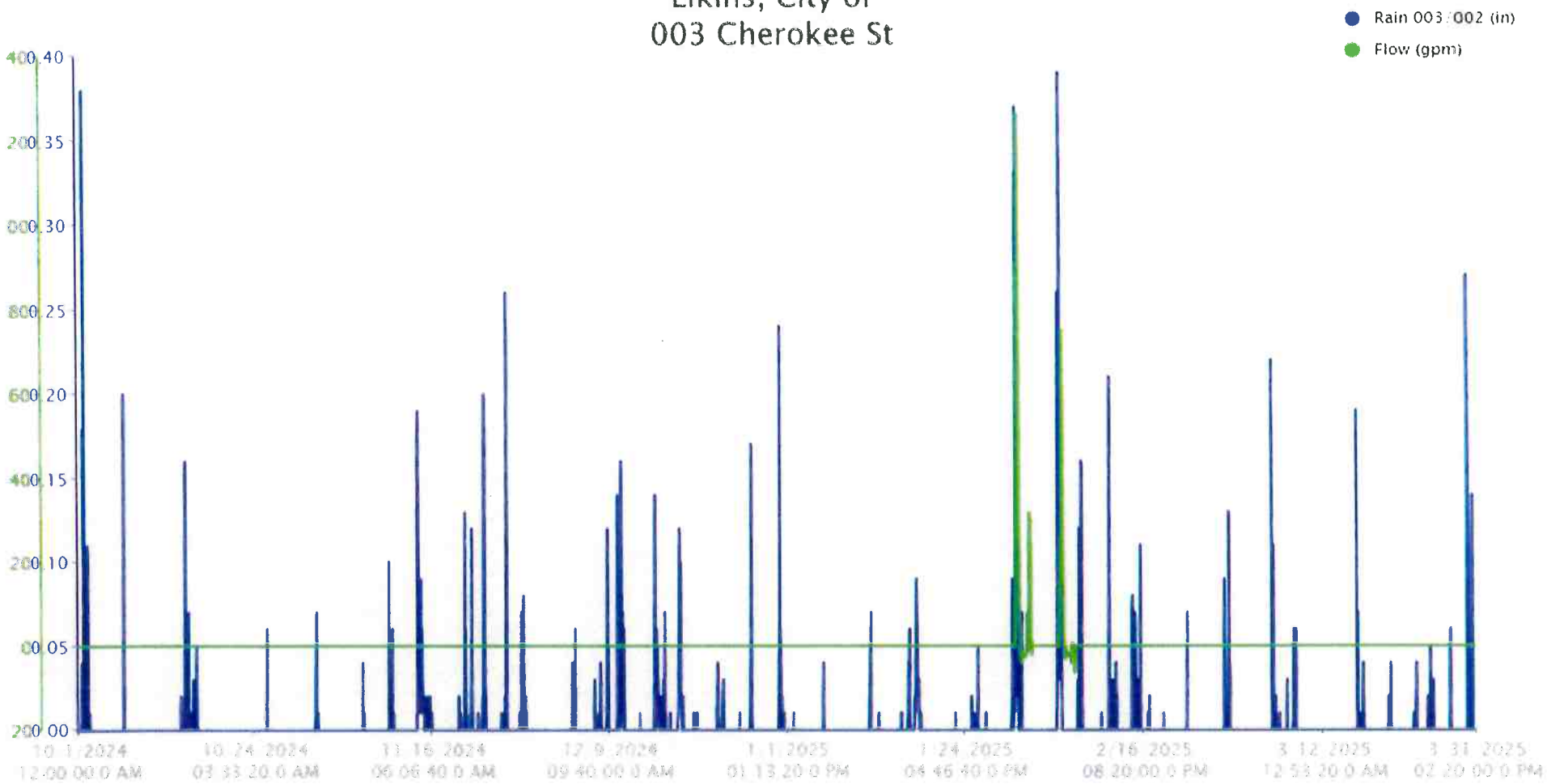
Total Events: 20

Elkins, City of
002 Barron ave

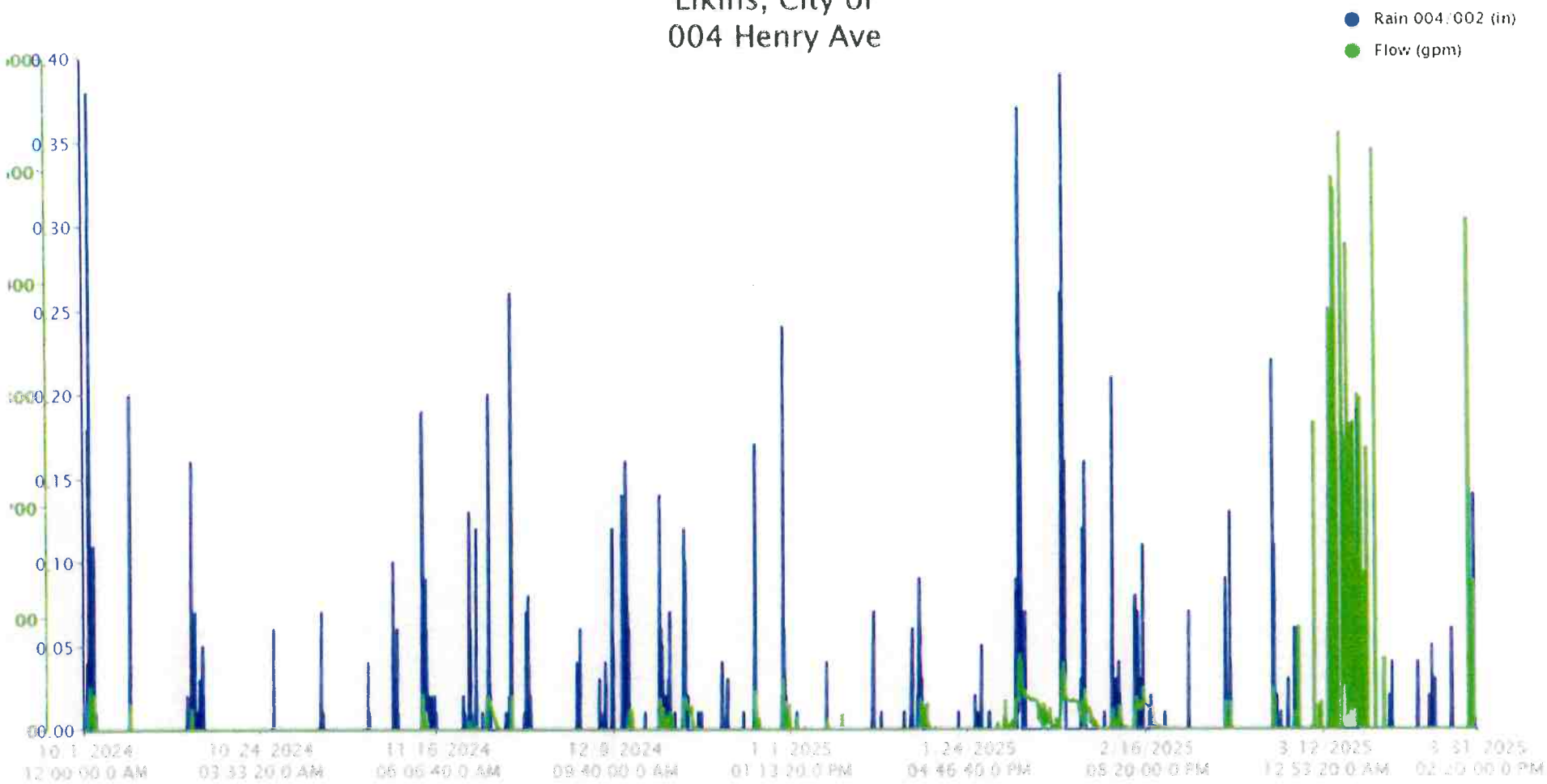




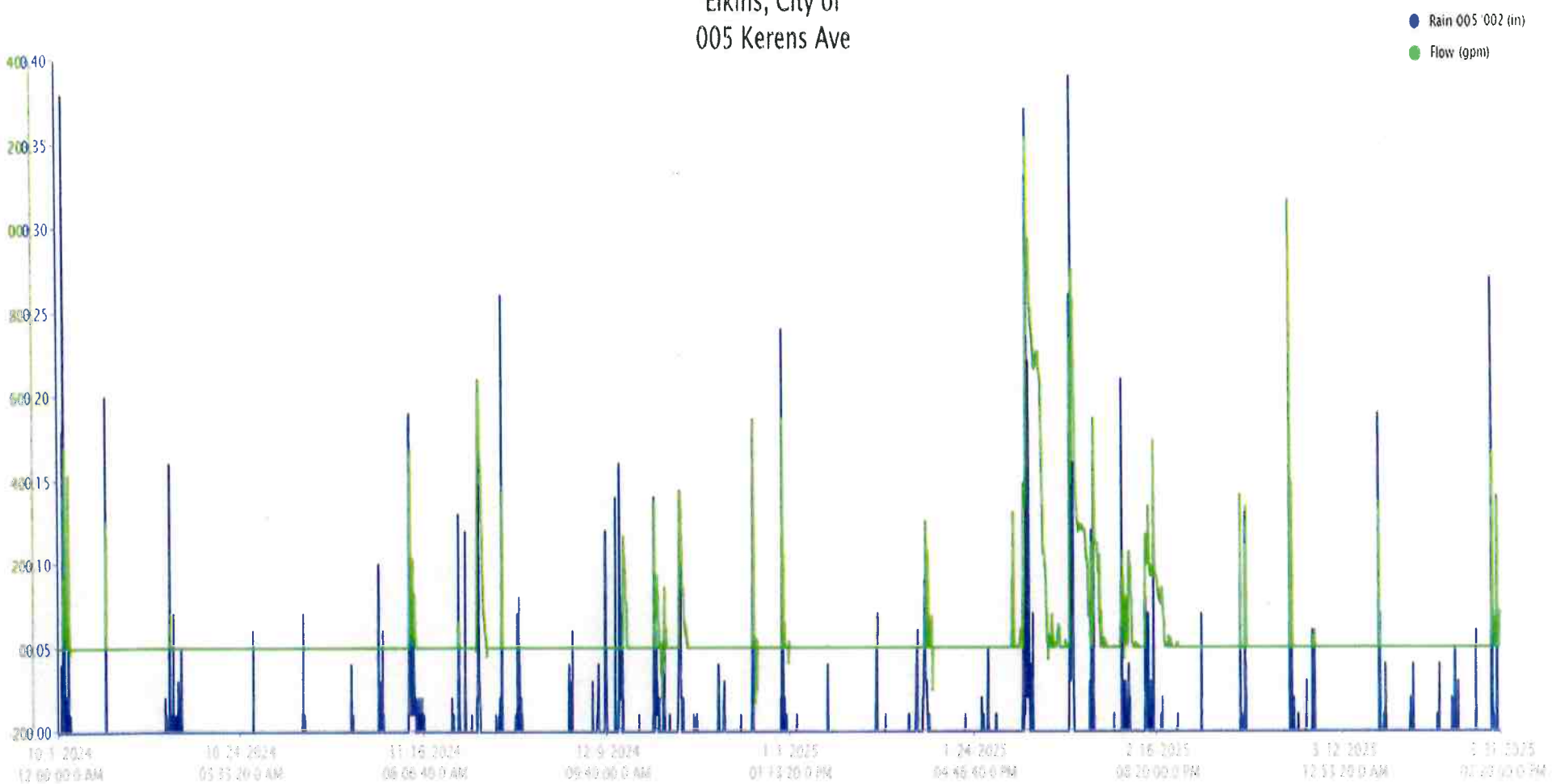
Elkins, City of
003 Cherokee St



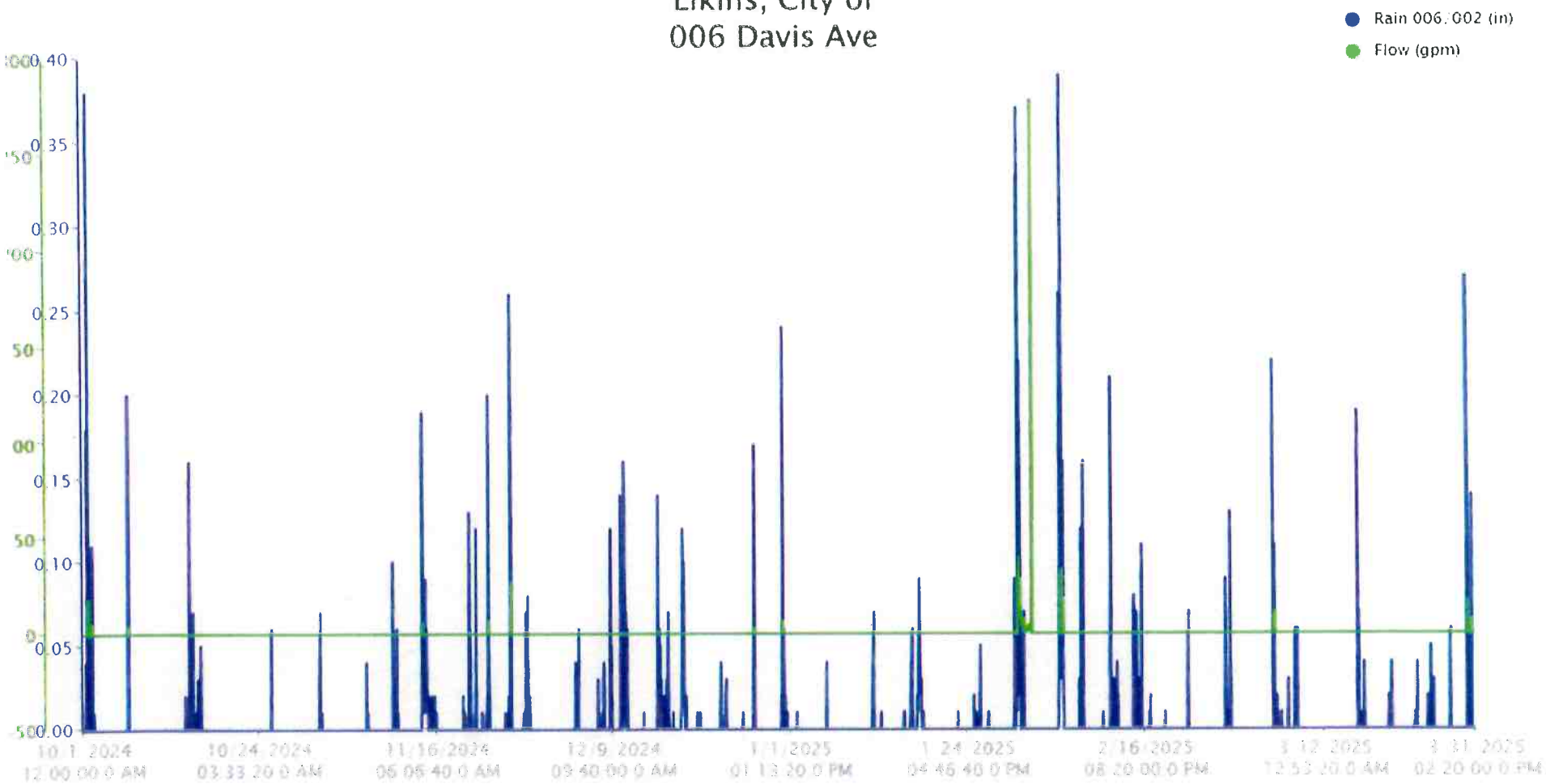
Elkins, City of
004 Henry Ave



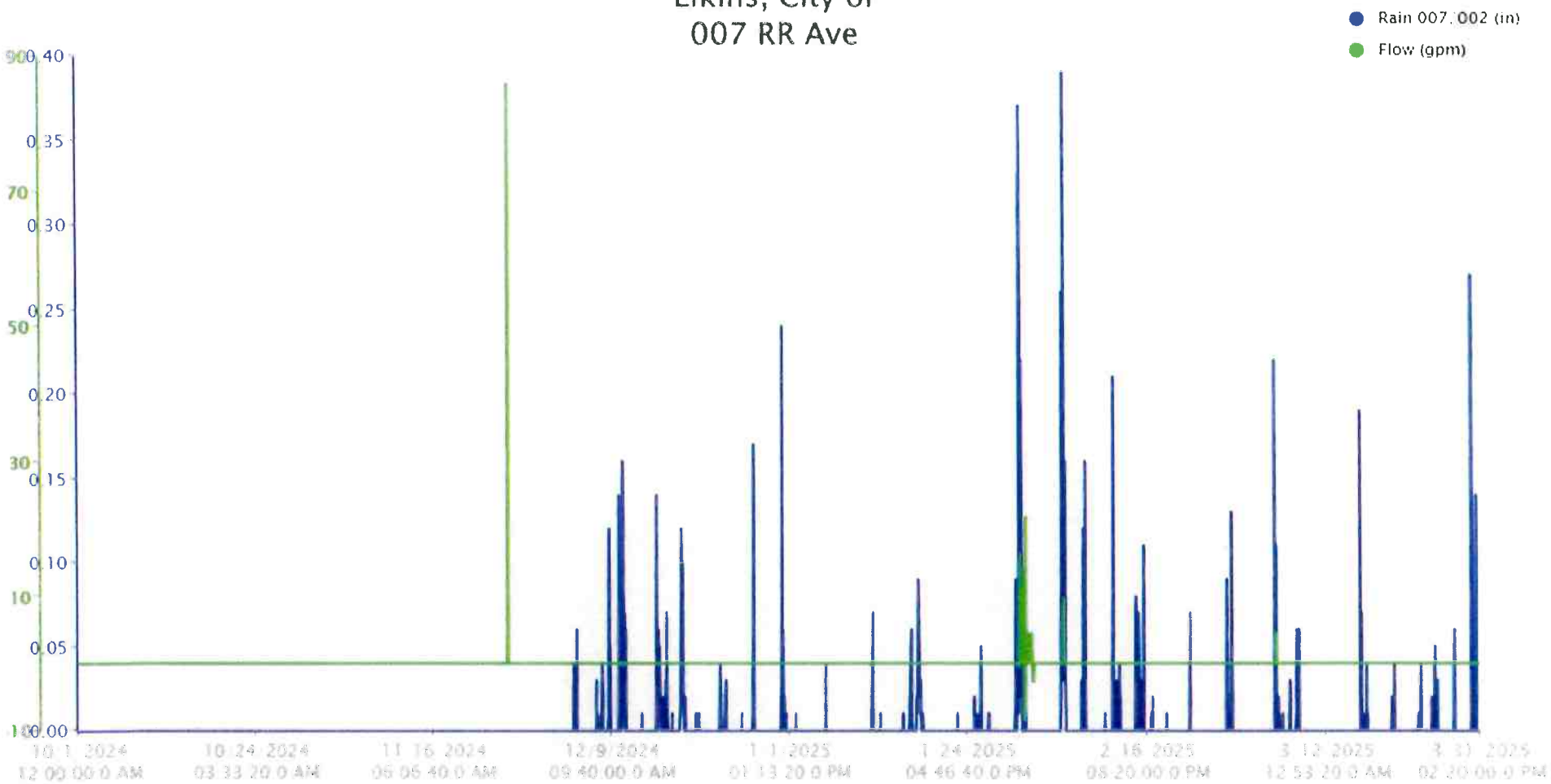
Elkins, City of
005 Kerens Ave



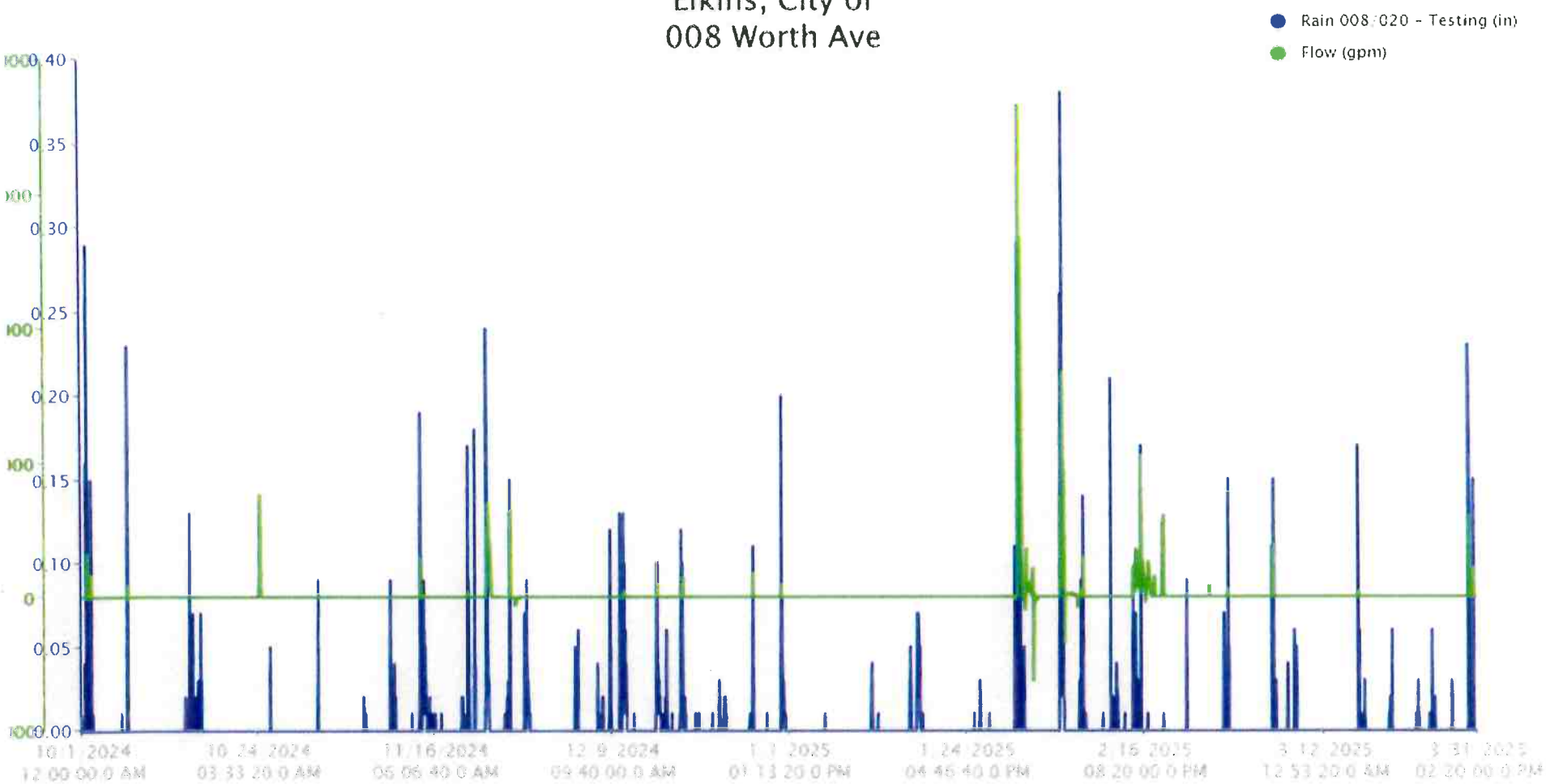
Elkins, City of
006 Davis Ave



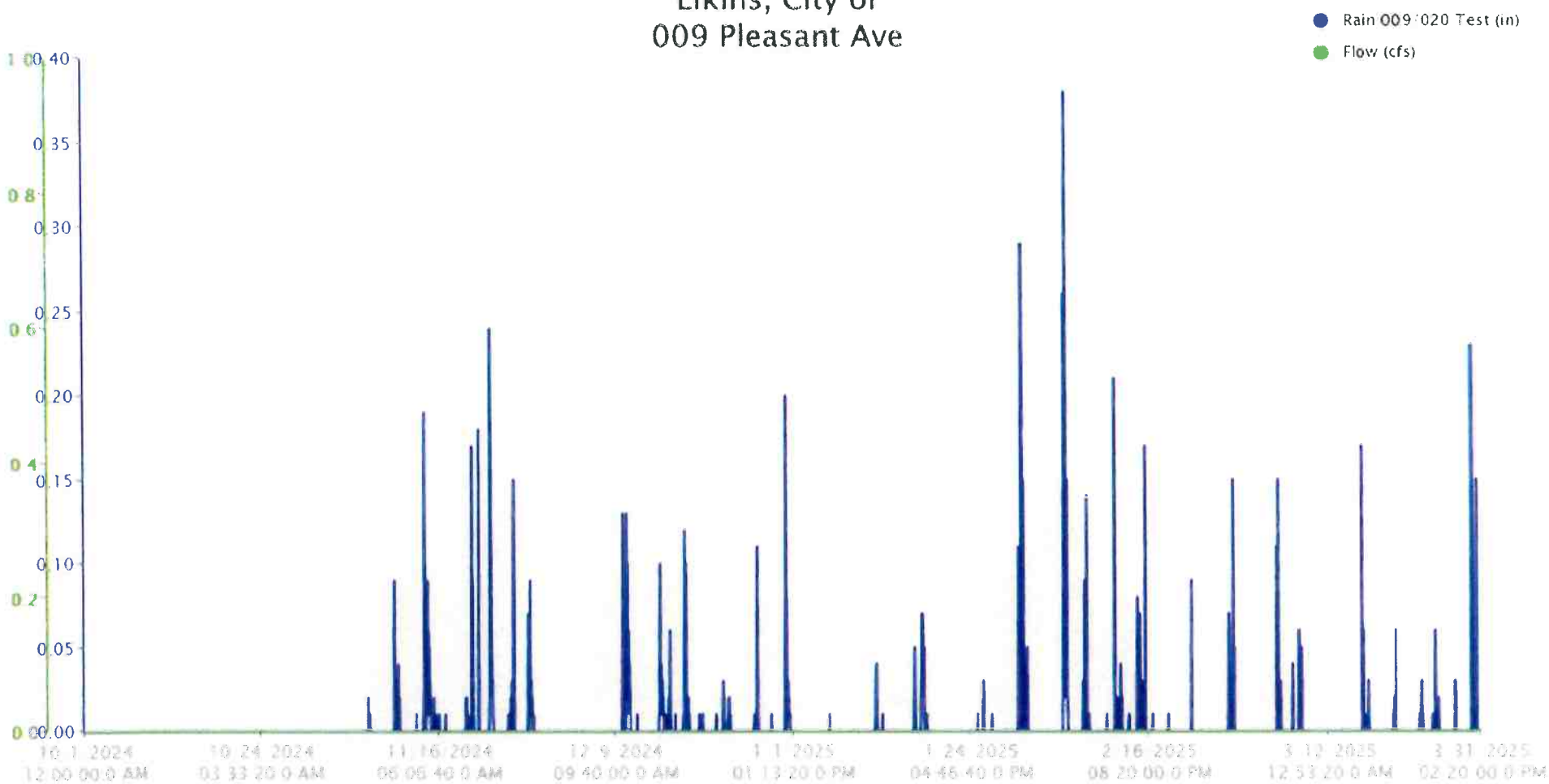
Elkins, City of
007 RR Ave

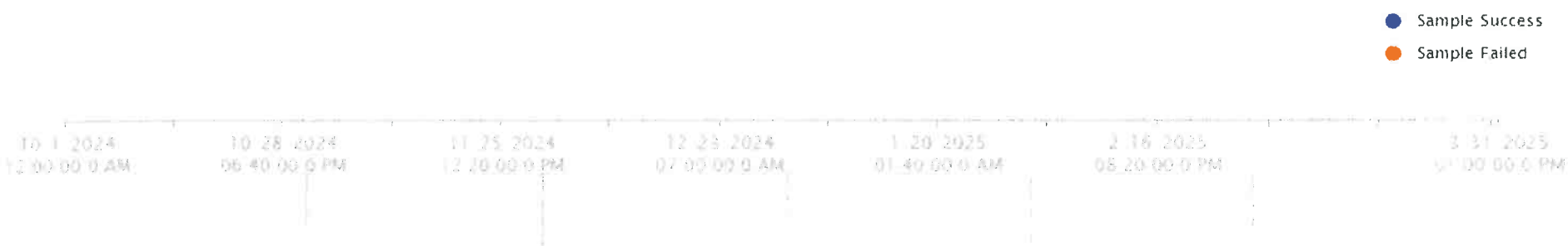


Elkins, City of
008 Worth Ave

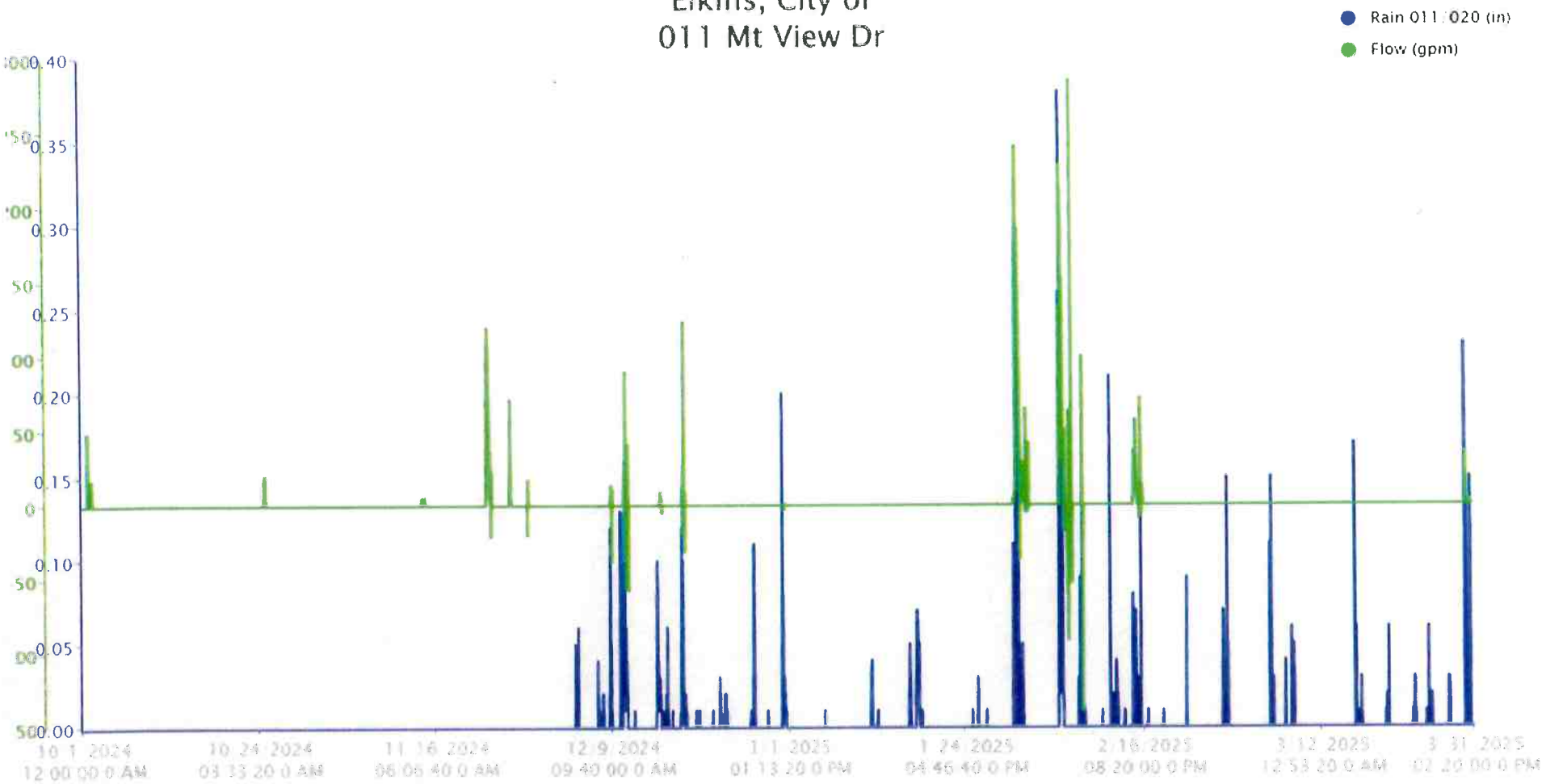


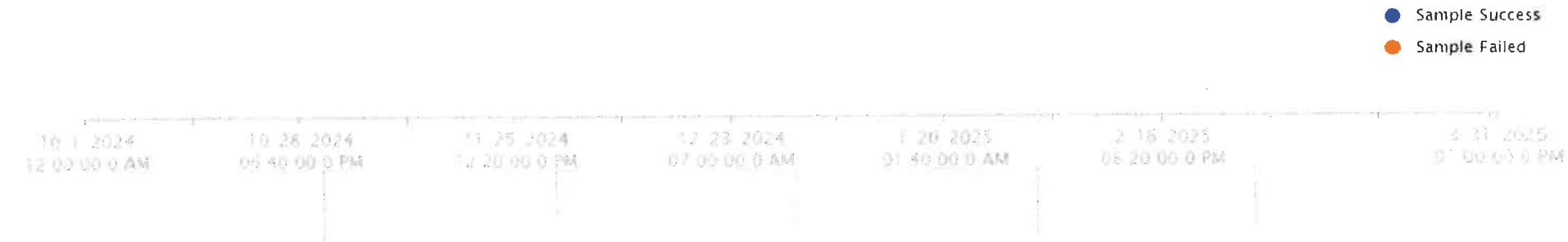
Elkins, City of
009 Pleasant Ave



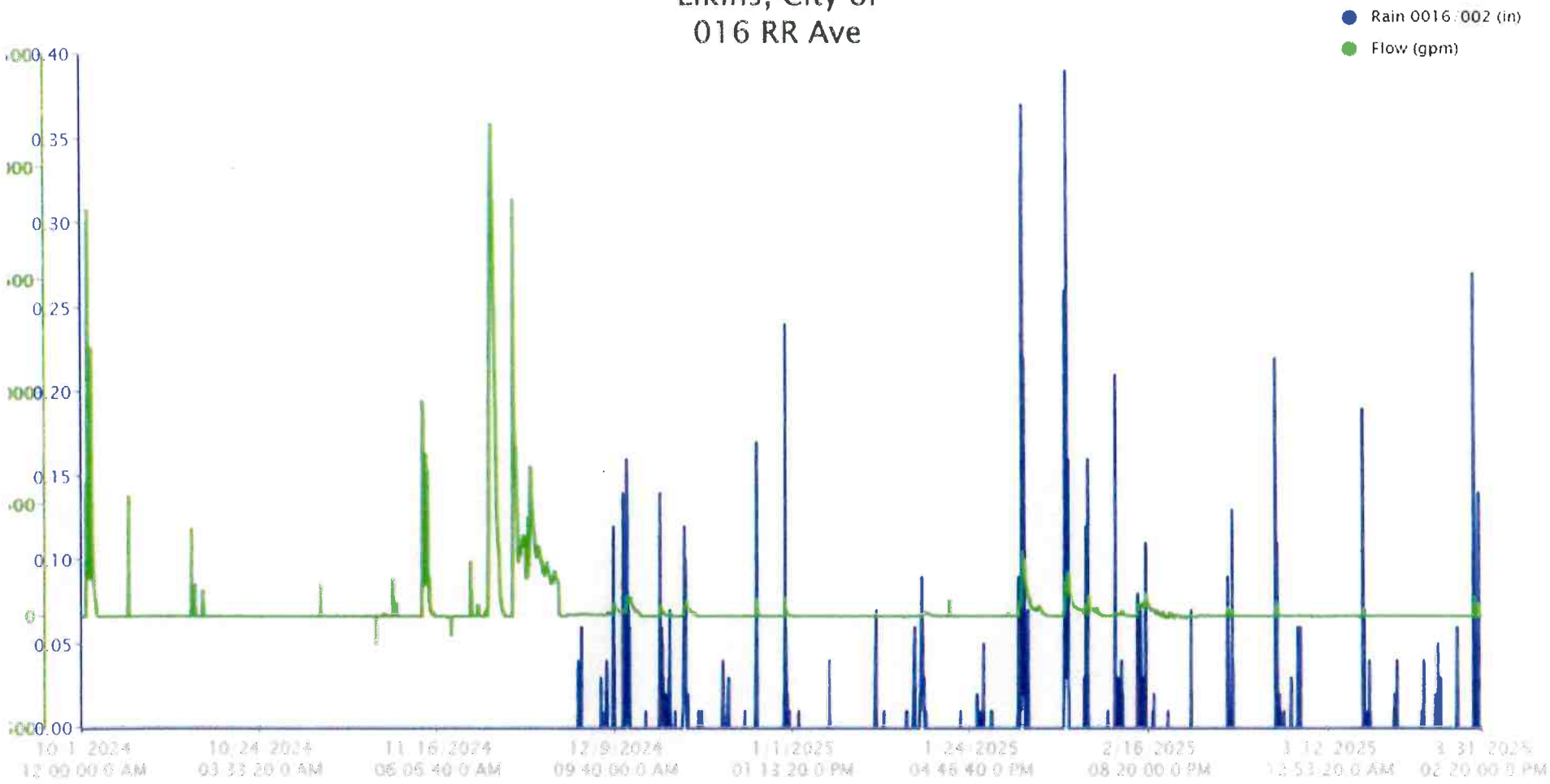


Elkins, City of
011 Mt View Dr

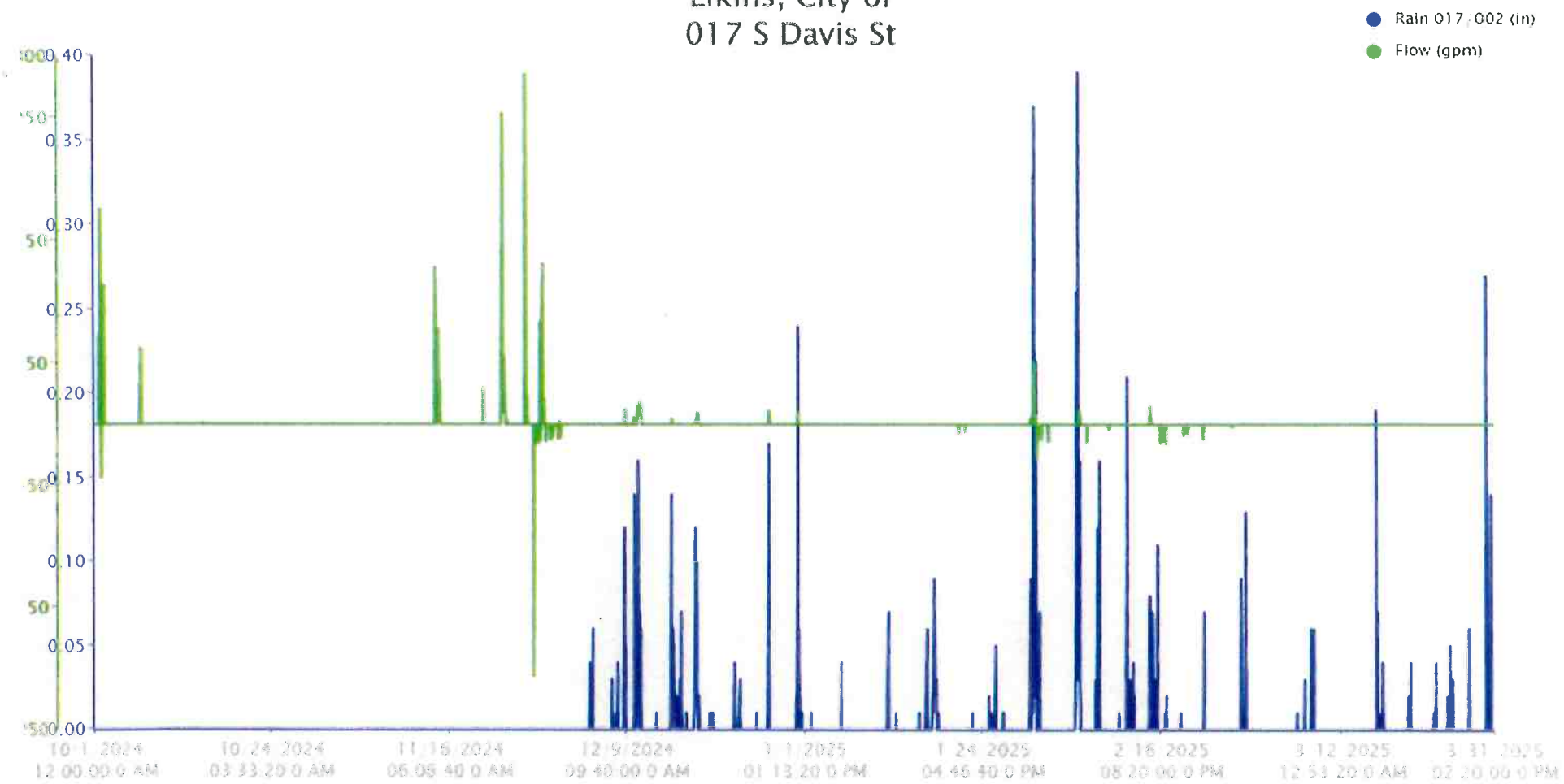


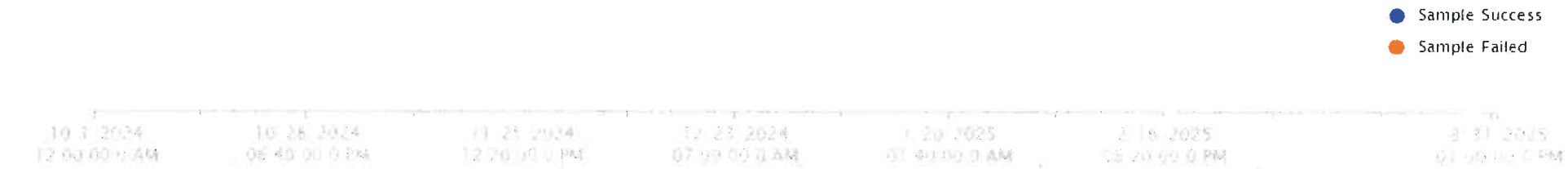


Elkins, City of
016 RR Ave

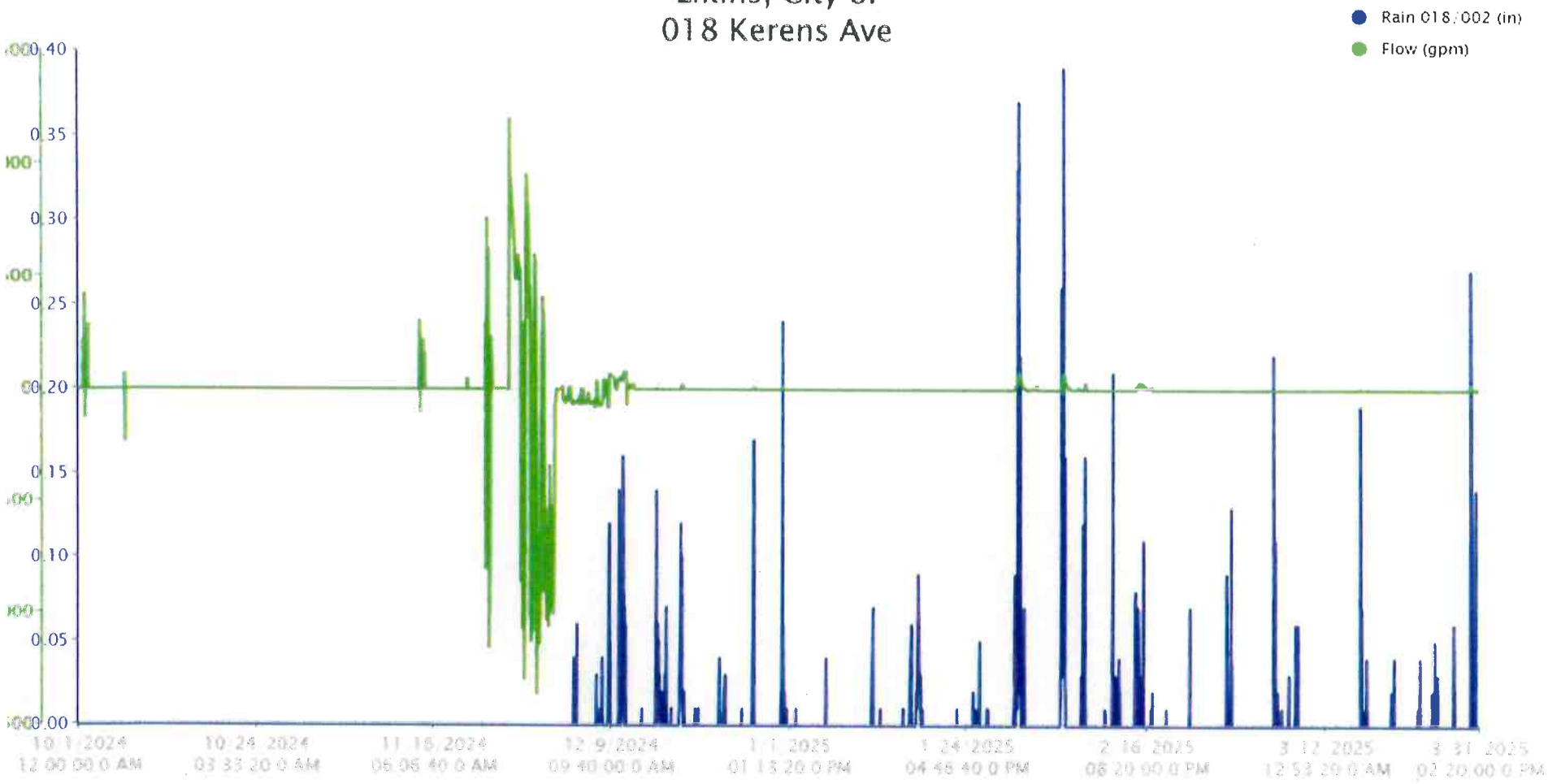


Elkins, City of
017 S Davis St

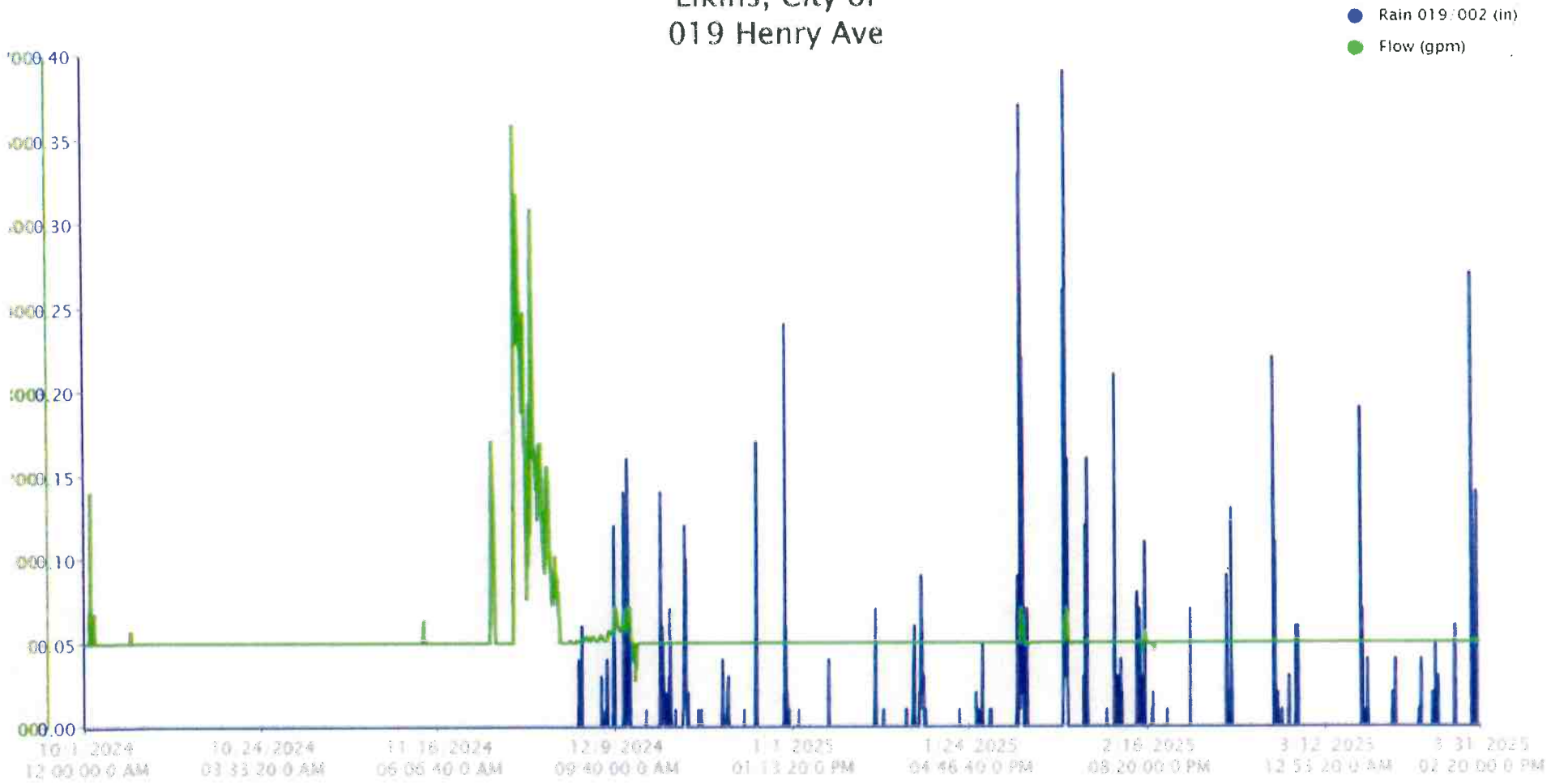


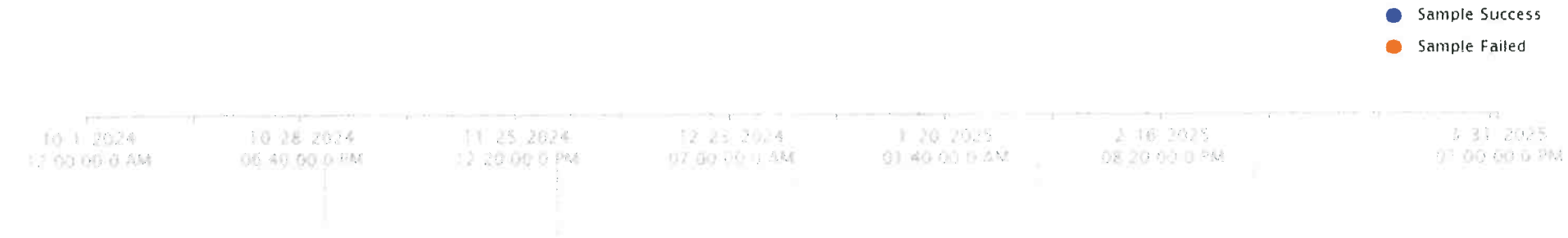


Elkins, City of
018 Kerens Ave

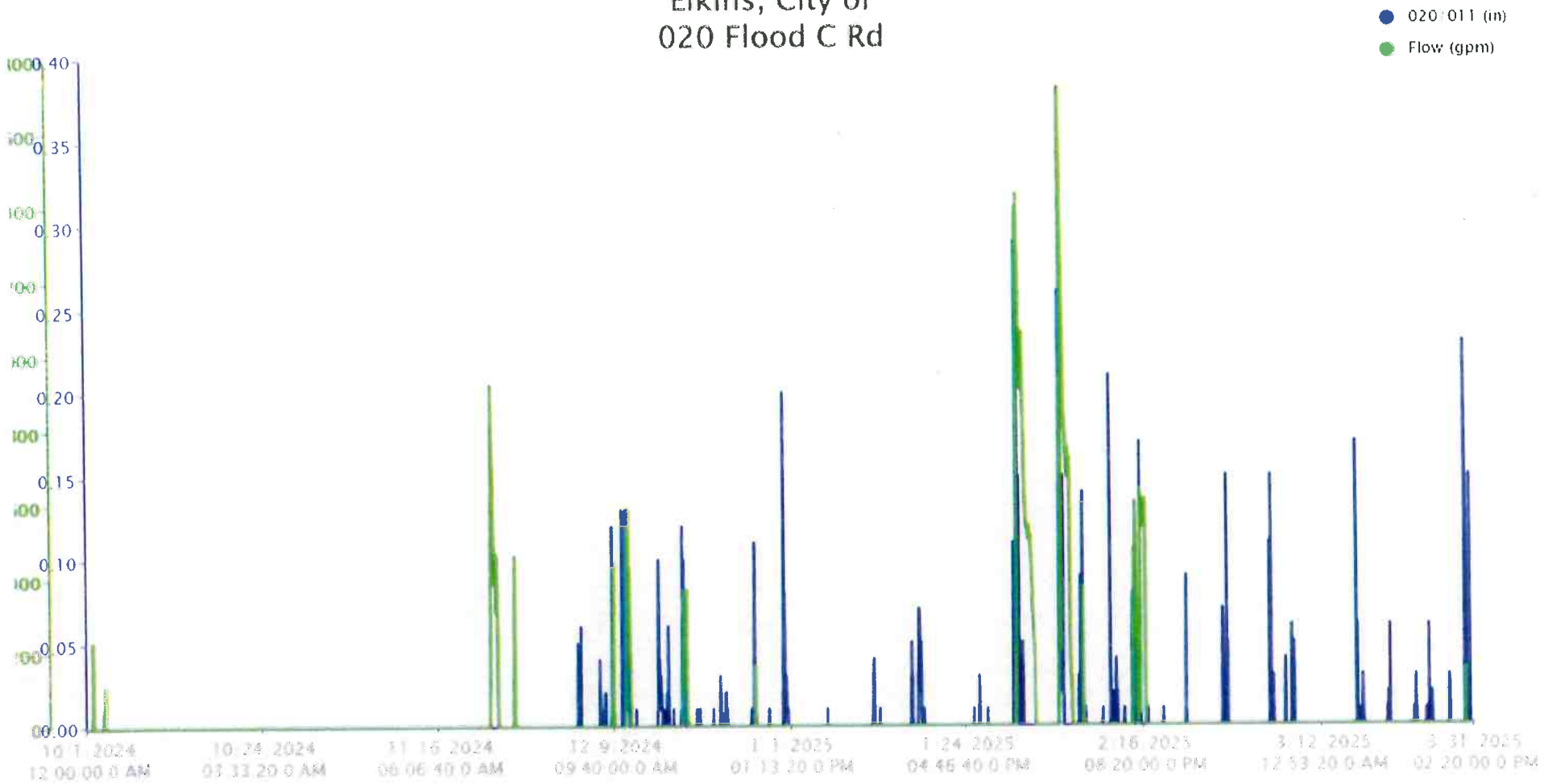


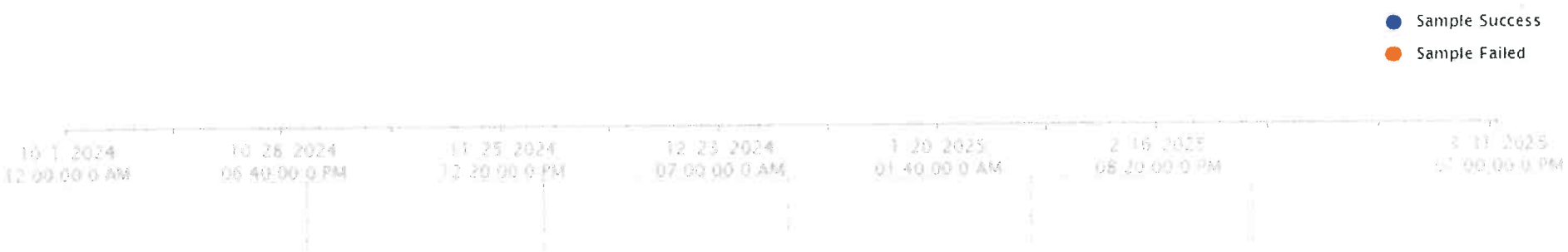
Elkins, City of
019 Henry Ave





Elkins, City of
020 Flood C Rd





Semi-Annual Plant Flow per CSO Discharge Event

4th Quarter 2024

Event Period	Outfalls Affected	Precipitation	Event Dates	Plant Influent Flow	Plant Effluent Flow
10/1-10/3	002,004,005,006, 008,011,016,017, 018,019,020	1.03in	10/1,10/2,10/3	4,575,450 4,609,556 2,530,816	3,702,000 3,864,000 1,803,000
10/6-10/7	004,005,006,008, 016,017,018,019	0.27in	10/6,10/7	2,005,893 1,957,278	1,018,000 1,283,000
10/15-10/17	004,005,016,017	0.75in	10/15,10/16	2,098,939 2,225,997 1,576,258	1,604,000 1,774,000 1,481,000
10/25-10/26	016	0.06in	10/26	1,288,942 1,185,972	1,829,000 1,501,000
11/1-11/2	004,016,017	0.17in	11/1,11/2	1,396,827 1,191,588	1,981,000 1,979,000
11/6-11/8	016	0.13in	11/7,11/8	1,179,740 1,318,265 1,078,458	2,078,000 2,217,000 2,134,000
11/10-11/12	016	0.30in	11/10,11/11	1,795,850 1,430,613 1,075,953	2,848,000 2,698,000 2,539,000
11/14-11/18	002,004,005,006, 008,011,016,017, 018,019	1.42in	11/14,11/15	4,333,450 3,328,830 2,075,490 1,527,440 1,714,754	6,491,000 5,431,000 3,881,000 3,398,000 3,435,000
11/20-11/24	002,004,005,006, 008,011,016,017, 018,019,020	2.15in	11/20,11/21 11/22,11/23 11/24,11/25	2,754,510 3,902,315 5,140,371 7,632,940 4,782,296	3,948,000 5,436,000 6,939,000 9,341,000 6,433,000
11/25-11/30	002,004,005,006, 007,008,011,016, 017,018,019,020	1.12in	11/25,11/26 11/27,11/28 11/29,11/30	4,160,156 4,006,243	5,696,000 5,784,000

12/1-12/12	002,004,005,006, 008,011,016,017, 018,019,020	1.75in	12/1,12/2,12/3 12/4,12/5,12/6 12/7,12/8,12/9 12/10,12/11 12/12	1,385,893 2,142,018 1,259,733 1,326,539 1,329,234 1,107,772 1,064,200 1,775,590 3,934,955 3,965,524 7,058,031 4,436,383	4,112,000 4,023,000 0 2,000 0 0 0 0 0 0 0 0
12/15-12/17	004,005,006,008, 011,016,017,018, 020	0.61in	12/15,12/16 12/17	5,855,199 5,611,618 4,274,452	0 4,950,000 5,264,000
12/18-12/22	002,004,005,006, 008,011,016,017, 018,019,020	0.92in	12/18,12/19 12/20,12/21 12/22	6,560,696 5,525,881 4,112,572 3,487,559 2,960,794	7,728,000 6,445,000 5,304,000 5,024,000 3,532,000
12/24-12/25	004,016	0.07in	12/24	3,097,084 2,750,441	5,046,000 4,865,000
12/27-12/28	004,005,006,008, 011,016,017,018, 019,020	0.35in	12/27,12/28	3,779,130 4,179,013	5,734,000 6,112,000
12/28-12/30	004	0.35in	12/29,12/30	4,179,013 3,350,358	6,112,000 5,266,000
12/31	002,004,005,006, 008,011,016,017, 018,019	0.55in	12/31	4,479,225	6,251,000

Semi-Annual Plant Flow per CSO Discharge Event
1st Quarter 2025

Event Period	Outfalls Affected	Precipitation	Event Dates	Plant Influent Flow	Plant Effluent Flow
1/1-1/9	004,005,011,016	2.34	1/1,1/2,1/3, 1/6,1/7,1/8	4,435,100 3,557,478 3,138,766 2,829,422 2,627,123 3,704,920 3,441,932 3,188,091 2,779,487	6,381,000 5,831,000 2,914,000 0 4,023,000 5,054,000 0 0 0
1/11-1/12	004,016	0.30	1/12	2,624,361 2,758,977	5,851,000 5,912,000
1/16-1/17	004,016	0.10	1/16,1/17	2,520,957 2,647,065	5,397,000 7,074,000
1/18-1/22	004,005,016	0.87	1/18,1/19, 1/20,1/21, 1/22	4,737,445 4,565,079 3,716,890 3,420,906 3,045,859	8,690,000 6,664,000 0 2,460,000 2,800,000
1/24	004	0.02	1/24	2,689,352	4,075,000
1/30-1/31	002,003,004,005, 006,007,008,011, 016,017,018,019, 020	1.44	1/29,1/30, 1/31,2/1	5,122,683 8,667,868	8,131,000 8,131,000
2/1	002,003,004,005, 006,007,008,011, 016,018,019,020	0.66	2/1,2/2, 2/3,2/4	8,492,652	8,131,000

2/5-2/13	002,003,004,005, 006,007,008,011, 016,017,018,019, 020	3.59	2/5,2/6,2/7, 2/8,2/9,2/10, 2/11,2/12,2/13, 2/14	5,771,517 8,458,232 6,778,925 5,938,704 5,419,700 4,390,468 3,868,923 5,423,382 5,567,630 4,313,003	8,024,000 9,988,000 5,865,500 4,656,000 4,120,000 3,292,000 3,016,000 4,088,000 4,157,000 3,348,000
2/15-2/21	002,004,005,006, 008,011,016,017, 018,019,020	1.43	2/15,2/16, 2/17,2/18, 2/19,2/20, 2/21,2/22, 2/23,2/24, 2/25,2/26	5,934,005 6,321,000 5,270,161 3,945,502 2,682,103 2,963,523 2,743,739	4,335,000 4,668,000 4,983,000 4,225,000 3,119,000 3,258,000 3,003,000
2/26-2/28	004,005,006,008, 016,018	0.37	2/27,2/28	2,799,153 3,922,362 3,601,759	3,017,000 3,991,000 3,398,000
3/1	016	0.02	3/1	3,018,266	3,045,000
3/2	016	0.02	3/2	2,635,656	2,817,000
3/4	016	SMELT	3/4	2,364,730	2,706,000
3/5-3/6	002,004,005,006, 007,008,016,018, 019	0.43	3/5,3/6	3,613,019 2,606,732	3,794,000 3,082,000
3/8	004,005,016	0.15	3/8	3,178,920	3,392,000
3/16-3/17	002,004,005,006, 008,016,018,019	0.34	3/16,3/17	2,488,470 2,411,796	2,819,000 2,772,000
3/20-3/21	016	0.08	3/20	2,252,422 2,014,729	2,619,000 2,474,000
3/23-3/24	016,018	0.05	3/23,3/24	1,803,214 2,067,318	2,356,000 2,654,000
3/26	016,017,018	0.12	3/26	1,981,417	2,484,000
3/27	016,018	0.01	3/27	1,765,131	2,320,000
3/28-3/29	016	0.08	3/28	1,978,560 1,797,174	2,537,000 2,423,000

3/30-3/31	**002,003,004,005, 006,008,011,016, 018,019,020**	**0.79**	**3/30,3/31 4/1**	**3,701,499 4,236,000**	**6,213,501 6,993,000**

*12/3/2024-12/15/2024: Effluent Totalizer on Flow Meter Not Working (WLH)
**12/16/2024-2/7/2025: Effluent Data Questionable-Flows should not be that high/low (WLH)
Effluent Meter repaired on 2/7/2025-delay in repairs was due to delay in part delivery

ELKINS WASTEWATER SPILL REPORT

SPILL PHONE NUMBER 1-800-642-3074

WVDEP Reference Number: 42-10252402

SPILL START (CSO 008)		SPILL START (CSO 011)	
DATE:	10/24/24	DATE:	10/24/24
TIME:	1:45PM	TIME:	8:30PM

REPORTED TO WVDEP

PERSONNEL REPORTING: Joe Johnson

DATE: 10/25/24

TIME: 8:05AM WVDEP Employee: Jack

SPILL CORRECTED (CSO 008)		SPILL CORRECTED (CSO 011)	
DATE:	10/24/24	DATE:	10/25/24
TIME:	6:45PM	TIME:	2:45AM

REPORTED TO WVDEP

PERSONNEL REPORTING: Joe Johnson

DATE: 10/25/24

TIME: 8:05AM WVDEP Employee: Jack

LOCATION: Outfall C008-Worth Ave *[38.926389 -79.872222]* and Outfall C011-Mountainview Drive *[38.922778 -79.847778]*

FLOW TO STREAM? Yes **NAME OF STREAM:** Tygart Valley River

TYPE OF MATERIAL SPILLED: Combined Discharge of Treated Water/Sewage

CAUSE: Vehicle accident at the corner of Central Street and Lincoln Ave damaged fire hydrant-intensive prolonged repairs caused treated water to overwhelm combined sewer system resulting in discharge from 008 and 011.

AMOUNT OF SPILL: CSO 008-179,856.6gals *[average 705.32gpm]*-metered data
CSO 011-5,865gals *[average 15.64gpm]*-metered data

DURATION OF SPILL: CSO 008-4HRS 15MINS (255mins)
CSO 011-6HRS 15MINS (375mins)

CORRECTIVE ACTION TO STOP:

City of Elkins Water Distribution Department worked on repairing damaged hydrant so flow could be relived from combined sewer system.

CORRECTIVE ACTION TO PREVENT FUTURE SPILLS:

The City of Elkins is currently in the process of implementing projects to separate stormwater and reduce I&I.

COMMENTS: Circumstance resulting in discharge was an unforeseen incident with a vehicle striking the fire hydrant located on an a sizeable service water line (6" line fed by 12" and 18" water mains). Repairs were made by City of Elkins Water Distribution Department as quickly as possible.

SIGNATURE OF PERSON REPORTING:

DATE: 10/28/24

SIGNATURE OF CERTIFIED OPERATOR:

DATE: 10/28/24

ELKINS WASTEWATER SPILL REPORT

SPILL PHONE NUMBER 1-800-642-3074

WVDEP Reference Number: 42-11142408

SPILL START
DATE: 11/3/2024, 11/4/2024, 11/5/2024, 11/9/2024
TIME: 11/3-10:00AM; 11/4-7:45PM; 11/5-10:15AM 11/9-9:00AM

REPORTED TO WVDEP
PERSONNEL REPORTING: Joe Johnson
DATE: 11/14/24
TIME: 9:30AM

SPILL CORRECTED
DATE: 11/3/2024, 11/4/2024, 11/5/2024, 11/9/2024
TIME: 11/3-8:15PM; 11/4-9:15PM; 11/5-8:00PM 11/9-10:00PM

REPORTED TO WVDEP
PRESONNEL REPORTING: Joe Johnson
DATE: 11/14/24
TIME: 9:30AM

LOCATION: Outfall C016 (S. Railroad Ave) [38° 55' 23" -79° 51' 02"]

FLOW TO STREAM? Yes **NAME OF STREAM:** Tygart Valley River

TYPE OF MATERIAL SPILLED: Sewage

CAUSE: Blockage located on S. Interceptor (15" line) from Outfall 0016 to Outfall 0018

AMOUNT OF SPILL: 6557.1gals (metered)

DURATION OF SPILL: 18hr 15mins (metered)

CORRECTIVE ACTION TO STOP: Approximately 700ft of line on the South Interceptor 15" line from Outfall C016 to C018 was cleaned and flushed. Blockage was removed 50ft from C018.

CORRECTIVE ACTION TO PREVENT FUTURE SPILLS: Due to the issues and problems this line presents, a scheduled preventative maintenance and cleaning will be routinely scheduled every 3-4 months to help ensure minimum discharges. The City is also working on a detailed cleaning and possible rerouting of the South Interceptor to help alleviate issues associated with discharges at C016.

COMMENTS: Flows were intermittent during reported days: 11/3: 4HRS 30MIN=1,406.7gals (5.21gpm); 11/4: 30MINS=251.7gals (8.39gpm); 11/5: 30MINS=201.6gals (6.72gpm); 11/9: 12HRS 45MINS=4,697.1gals (6.14gpm)

SIGNATURE OF PERSON REPORTING:

DATE: 11/18/24

SIGNATURE OF CERTIFIED OPERATOR:

DATE: 11/18/24

ELKINS WASTEWATER SPILL REPORT

SPILL PHONE NUMBER 1-800-642-3074

WVDEP Reference Number: 42-12825-03

SPILL START
DATE: 1/25/25
TIME: 1:15PM

REPORTED TO WVDEP
PERSONNEL REPORTING: Joe Johnson
DATE: 1/28/25
TIME: 7:07AM **WVDEP Employee:** ANGEL

SPILL CORRECTED
DATE: 1/27/25
TIME: 12:45PM

REPORTED TO WVDEP
PERSONNEL REPORTING: Joe Johnson
DATE: 1/28/25
TIME: 7:07AM **WVDEP Employee:** ANGEL

LOCATION: Outfall C002-Barron Ave *[38° 55' 00"N 79° 50' 46"W]*

FLOW TO STREAM? Yes **NAME OF STREAM:** Tygart Valley River

TYPE OF MATERIAL SPILLED: Sewage

CAUSE: Pump B was blocked with grit, concrete, and debris resulting in inadequate pumping and not allowing wet well to be pumped out at efficient rate to prevent discharge. Telemetry on station did not perform a call-out.

AMOUNT OF SPILL: 603,099.6gals *[average 225.88gpm]*-metered data

DURATION OF SPILL: 44HRS 30mins (Metered)

CORRECTIVE ACTION TO STOP:

Pump B was pulled and cleaned. When pump was being cleaned a large piece of concrete was found inside of pump. This obstruction was causing the pump to trip out and not run. The telemetry system did not call with an alarm. System was reviewed after maintenance and found to be working properly.

CORRECTIVE ACTION TO PREVENT FUTURE SPILLS:

Preventative maintenance by cleaning wet well more frequently to help remove grease and debris that would cause potential pump blockages.

COMMENTS: No other comments provided at this time

SIGNATURE OF PERSON REPORTING:

DATE: 1/28/25

SIGNATURE OF CERTIFIED OPERATOR:

DATE: 1/28/25

ELKINS WASTEWATER SPILL REPORT

SPILL PHONE NUMBER 1-800-642-3074

WVDEP Reference Number: 42-1312502

SPILL START
DATE: 1/31/25
TIME: 6:00AM

REPORTED TO WVDEP
PERSONNEL REPORTING: Whitney Hymes
DATE: 1/31/25
TIME: 6:34AM **WVDEP Employee:** TIM

SPILL CORRECTED
DATE: 2/3/25
TIME: 6:00AM

REPORTED TO WVDEP
PERSONNEL REPORTING: Whitney Hymes
DATE: 2/3/25
TIME: 8:06AM **WVDEP Employee:** DAN

LOCATION: 5 Riverbend Park Rd (38°55'13.9"N 79°51'52.6"W)

FLOW TO STREAM? Yes **NAME OF STREAM:** Tygart Valley River

TYPE OF MATERIAL SPILLED: Sludge

CAUSE: High amounts of rainfall in combination with snowmelt caused an influx of flow to be recieved by the wastewater plant in a short duration of time. These sudden high flows caused a fast build-up of sludge in clarifiers #1, #2, and #3. Throughout the weekend, the intensity of rain received caused the Tygart River to back up through the

AMOUNT OF SPILL: Unknown (spill was not continuous over the 4 days of discharge)

DURATION OF SPILL: Approximately 96HRS (138,240mins)-time is approximate since exact times are not known of discharge

CORRECTIVE ACTION TO STOP:
Return rates (RAS) were all adjusted to accommodate the increasing flows and to help control the sludge blankets in clarifiers #1, #2, and #3. Sludge blanket on clarifier #3 lowered on Saturday (2/1/2025) but clarifiers #1 and #2 were still discharging solids. On Sunday (2/2/2025) clarifiers #1 and #2 were pin floccing but heavy solid spillage ceased. Sunday also presented issues with backflow through effluent discharge to plant, which flooded plant. Also wasted 39,000gals of sludge from clarifier #3 to help alleviate buildup of solids.

CORRECTIVE ACTION TO PREVENT FUTURE SPILLS:
The City of Elkins has recently submitted a Long-Term Control Plan with proposed projects to help decrease stormwater throughout the collection system. Proposed infrastructure projects have also been included in said LTCP. The City is currently awaiting approval of this plan. The City also performs an operations and maintenance program to help repair areas of concern and incorporate maintenace (cleaning, repairs, etc) to support this program.

COMMENTS: Through 1/31/2025-2/3/2025 the area received 2.10in of rainfall in addition to snowmelt in a short duration of time. The area also experienced numerous amounts of flooding which also affected the plant by the Tygart River backflowing through the effluent discharge pipe and flooding the post-air and clarifiers #1 and #2.

SIGNATURE OF PERSON REPORTING: Whitney L Hymes
DATE: 2/4/25

SIGNATURE OF CERTIFIED OPERATOR: Whitney L Hymes
DATE: 2/4/25

ELKINS WASTEWATER SPILL REPORT

SPILL PHONE NUMBER 1-800-642-3074

WVDEP Reference Number: 42-22025-04

SPILL START
DATE: 2/19/25
TIME: 7:45AM

REPORTED TO WVDEP
PERSONNEL REPORTING: Joe Johnson
DATE: 2/20/25
TIME: 7:30AM **WVDEP Employee:** STACEY

SPILL CORRECTED
DATE: 2/19/25
TIME: 2:15PM

REPORTED TO WVDEP
PERSONNEL REPORTING: Joe Johnson
DATE: 2/20/25
TIME: 7:30AM **WVDEP Employee:** STACEY

LOCATION: Outfall C008-Worth Ave *[38° 55' 35"N 79° 52' 20"W]*

FLOW TO STREAM? Yes **NAME OF STREAM:** Tygart Valley River

TYPE OF MATERIAL SPILLED: Sewage

CAUSE: Force main located from Lift Station #3 (Glendale) was broke. Repairs on force main located in Glendale Park were completed. While repairs were being completed, lift station #3 (Glendale) had to be shut down and bypass noted.

AMOUNT OF SPILL: 425,209.2gals @ 1,090.28gpm average (metered data)

DURATION OF SPILL: 6HRS 30mins

CORRECTIVE ACTION TO STOP:
Lift station #3 (Glendale) was shut down while repairs were being completed on force main located in Glendale Park. Station was not operational for 6hrs and 30mins.

CORRECTIVE ACTION TO PREVENT FUTURE SPILLS:
Repairs on force main were completed as fast as possible to decrease length of spill.

COMMENTS: Unplanned force main repairs located on Lift Station #3 (Glendale).

SIGNATURE OF PERSON REPORTING:

DATE: 2/20/25

SIGNATURE OF CERTIFIED OPERATOR:

DATE: 2/20/25

ELKINS WASTEWATER SPILL REPORT

SPILL PHONE NUMBER 1-800-642-3074

WVDEP Reference Number: 42-4022503A-C

SPILL START
DATE: See Chart Below
TIME: See Chart Below

REPORTED TO WVDEP
PERSONNEL REPORTING: Whitney Hymes
DATE: 4/2/25
TIME: 5:30AM **WVDEP Employee:** Tim

SPILL CORRECTED
DATE: See Chart Below
TIME: See Chart Below

REPORTED TO WVDEP
PERSONNEL REPORTING: Whitney Hymes
DATE: 4/2/25
TIME: 5:30AM **WVDEP Employee:** Tim

LOCATION: Outfall 004-Henry Ave/River Street (38.923056 -79.846944); Outfall 016-S. Railroad Ave (38.923056 - 79.850556); and Outfall 018-S. Kerens Ave (38.922778 -79847778)

FLOW TO STREAM? Yes **NAME OF STREAM:** Tygart Valley River

TYPE OF MATERIAL SPILLED: Sewage

CAUSE: Sanitary sewer line full of material (grit, gravel, rags, etc) causing line not to flow adequately and resulting in dry weather discharges from CSO's 004, 016, and 018. Line was also plugged/blocked in locations.

AMOUNT OF SPILL: Outfall 004-9,817,134.50gals; Outfall 016-87.39gals, Outfall 018-146.94gals (See Attached Chart for Details-Flows are Sporadic)

DURATION OF SPILL: Outfall 004-58HRS 1MIN; Outfall 016-1MIN, Outfall 018-1MIN (See Attached Chart for Details-Times are Sporadic)

Spill Report 42-4022503A-C

City of Elkins-Dry Weather Discharge Reports

Reported on 4/2/2025

Outfall 004-Henry Ave/River Street (38.923056 -79.846944)

Average Flow (gpm)	Date	Event	Duration H:M	Start	Stop	Total Gallons (gals)
2,772.94	3/10/2025	Dry	1:15	11:30AM	7:30PM	207,970.50
608.01	3/11/2025	Dry	1:15	9:15AM	5:30PM	45,600.75
2,718.43	3/12/2025	Dry	5:00	2:00PM	8:30PM	815,529.00
6,038.00	3/13/2025	Dry	5:45	8:45AM	6:45PM	2,083,110.00
2,310.55	/2025-3/16/	Dry	43:15	11:15AM	10:45PM	5,995,877.20
7,391.57	3/18/2025	Dry	1:30	6:15PM	7:45PM	665,241.30
3,805.75	3/19/2025	Dry	0:01	8:30PM	8:30PM	3,805.75
TOTAL			58:01			9,817,134.50

Outfall 016-S. Railroad Ave (38.923056 -79.850556)

N/A	3/19/2025	Dry	0:01	2:30AM	2:30AM	87.39

Outfall 018-S. Kerens Ave (38.922778 -79847778)

N/A	3/19/2025	Dry	0:01	2:30AM	2:30AM	146.94

CORRECTIVE ACTION TO STOP:

Vactor truck was utilized to clean 767ft of sanitary sewer line affecting outlet 004 and 637ft of sanitary sewer line affecting outlets 016 and 018. After cleaning, flow was adequaute and discharges ceased.

CORRECTIVE ACTION TO PREVENT FUTURE SPILLS:

Implementation and enforcement of a regular line cleaning maintenance program. Sanitary sewer line in this area will be inspected and cleaned approximately every 2 months. The City of Elkins is currently looking into televising and cleaning the south and north interceptors. Relocation and redirection of the South Interceptor to relieve flow from these outfalls have also been discussed.

COMMENTS: The flows and times from Outfall 004 were not continuous-please review attached chart for details on flows and times.

SIGNATURE OF PERSON REPORTING: Whitney L Hymes

DATE: 4/2/25

SIGNATURE OF CERTIFIED OPERATOR: Whitney L Hymes

DATE: 4/2/25

ELKINS WASTEWATER SPILL REPORT

SPILL PHONE NUMBER 1-800-642-3074

WVDEP Reference Number: 42-3272508

SPILL START
DATE: 3/27/25
TIME: 7:15AM

REPORTED TO WVDEP
PERSONNEL REPORTING: Whitney Hymes
DATE: 3/27/25
TIME: 1:43PM **WVDEP Employee:** A JACK

SPILL CORRECTED
DATE: 3/27/25
TIME: 9:30AM

REPORTED TO WVDEP
PERSONNEL REPORTING: Whitney Hymes
DATE: 3/27/25
TIME: 1:43PM **WVDEP Employee:** JACK

LOCATION: 901 S. Henry Street Elkins [38.921447 -79.846932]

FLOW TO STREAM? Yes **NAME OF STREAM:** Tygart Valley River

TYPE OF MATERIAL SPILLED: Sewage

CAUSE: Sanitary sewer line and sewer lateral full of roots causing backup in line and discharging from manhole. Discharge went down slpoed bank and entered the Tygart Valley River.

AMOUNT OF SPILL: Unknown

DURATION OF SPILL: Unknown

CORRECTIVE ACTION TO STOP:
Vactor truck was utilized to remove root ball from manhole and sanitary sewer lines. Sewer lines were jetted and cleaned. Adequate flow was seen after cleaning.

CORRECTIVE ACTION TO PREVENT FUTURE SPILLS:
Implementation and enforcement of a regular line cleaning maintenance program.

COMMENTS: Sewage material was removed with vactor truck and manual raking. Lime was applied to site after cleanup efforts for vector/pathogen control.

SIGNATURE OF PERSON REPORTING: Whitney D Hymes
DATE: 3/28/25

SIGNATURE OF CERTIFIED OPERATOR: Whitney D Hymes
DATE: 3/28/25

CITY OF ELKINS
WASTEWATER COLLECTION
COMPLAINT SUMMARY
4th Quarter 2024

DATE	ADDRESS	COMPLAINANT	COMPLAINT	CAUSE	CORRECTIVE ACTION	OPERATOR(S)
10/15/2024	113 Ellis Ave	No name	Sewer problem	Sewer tap plugged	Used jetter truck to get it open 20'	T.W M.M
10/22/2024	122 Whiteman Ave	No name	Sewer problem	Sewer tap plugged	Main was flowing good	J.T T.W S.A
10/22/2024	12 1/2 Walnut St	Joe Skidmoreq	Sewer problem	Sewer tap plugged	Used jetter truck to get it open 100'	J.T T.W S.A
10/23/2024	115 3rd St	No name	Sewer Complaint	Water in basement	Main was open, told them to call plumber	M.H T.W
10/24/2024	210 Summit St	No name	Sewer Problem	Water going down the road	It was dry but we told her to call back if its wet	J.T T.W S.A
10/29/2024	110 Mountainview	Twila Marshall	Sewer problem	Water coming up out of the ground	It was a water leak told them to call plumber	J.T T.W M.M S.A
11/19/2024	1728 S Davis Ave	No name	Sewer problem	Sewer working slow	No cleanout and main was open	J.T S.A
11/21/2024	7 Goff St	No name	Sewer problem	Sewer backing up	Used jetter truck to get sewer main open 119'	M.H T.W M.M S.A
12/2/2024	12 Spruce St	No name	Sewer problem	Sewer tap plugged	we checked sewer main it was open	J.T M.M
12/4/2024	56 Vine St	No name	Sewer Complaint	Sewer backing up	Cleanout was open on our side	T.W M.M
12/9/2024	326 Railroad Ave	No name	Sewer problem	Sewer backing up	Used jetter truck to get them open 2'	T.W M.M
12/10/2024	110 Edgewater Dr	No name	Sewer problem	they ran phone line through tap	Wolfes Excavating is repairing it	M.H M.C M.M S.A
12/10/2024	11 Gateway Apts	No name	Sewer problem	Sewer backing up behind apt	problem was on them told them to call plumber	M.H M.C
12/11/2024	221 Davis St	No name	Sewer Complaint	Down Spouts	wanted to know where to take down spouts to	M.H
12/16/2024	115 16th St	No name	Sewer problem	Sewer backing up	Used jetter truck to get it open 40'	J.T S.A
12/19/2024	5 Goff St	No name	Sewer problem	Sewer backing up	Used jetter truck to get it open 100'	J.T T.W M.M.S.A
12/23/2024	312 Randolph Ave	No name	Sewer problem	Sewer odor	Sewer main was open	M.H J.T S.A M.M
12/23/2024	112 Maple St	No name	Sewer problem	Sewer backing up	Used Sewer snake to try to get them open	M.H M.M
12/26/2024	1709 Livingston Ave	No name	Sewer problem	Sewer backing up	Used jetter truck to get them open 150'	J.T M.H M.M S.A
12/27/2024	300 Andrews St	Roger	Sewer problem	Sewer tap plugged	Used jetter truck to get it open 5'	M.H J.T S.A M.M

CITY OF ELKINS
WASTEWATER COLLECTION
COMPLAINT SUMMARY
1st Quarter 2025

DATE	ADDRESS	COMPLAINANT	COMPLAINT	CAUSE	CORRECTIVE ACTION	OPERATOR(S)
1/6/2025	S Kerens Ave	Matt Ogden	Sewer odor	Sewer tap plugged	Used jetter truck to get it open 30'	J.T S.A
1/6/2025	Randolph Ave	Jamie Darliing	Sewer tap	Wondered where the tap goes	Plumber is going to trace it out	M.H
1/13/2025	109 Ward Ave	No Name	Sewer odor	Coming from storm drain	Going to televise it	J.T S.A
1/14/2025	1711 Livingston Ave	No Name	Sewer problem	Sewer coming out of cleanout	Use jetter truck to get it open 150'	J.T .SA M.M
1/17/2025	1711 Lavalette Ave	No Name	Sewer problem	Sewer backing up	They didn't have a cleanout	J.T M.M S.A
1/31/2025	301 3rd St	No Name	Sewer problem	Sewer backing up	Graham-Simon got it open	M.H
1/31/2025	207 Sylvester Dr	Herman	Sewer Complaint	Discharge out of manhole	We used jetter truck to clean it up	M.H J.T T.W S.A
1/31/2025	929 Henry Ave	No Name	Sewer Complaint	Sewer backing up	Used jetter truck were going to dig it up	M.H J.T S.A T.W
2/3/2025	55 Barron Ave	No Name	Sewer problem	Sewer main broke In yard	Were going to dig it up	M.H J.T M.C M.M
2/3/2025	120 Boundary Ave	No Name	Sewer problem	Sewer main plugged	We replaced sewer main	M.H J.T M.M M.C
2/6/2025	1510 S Kerens Ave	Matt Ogden	Sewer problem	Lag Float went bad	Replaced Lag float and sucked manhole out	J.T M.H T.W S.A M.M
2/6/2025	104 Ellis Ave	No Name	Sewer problem	Sewer backing up	Used jetter truck to clean sewer main 400'	T.W M.M
2/6/2025	103 Sylvester Dr	No Name	Sewer problem	Sewer working slow	Clean out was open	J.T S.A
2/7/2025	80 High St	No Name	Sewer Complaint	Sewer tap plugged	Used jetter truck to get it open 60'	J.T S.A
2/7/2025	123 Mountainview Dr	No Name	Sewer problem	Sewer main was full	They dug down on it	M.H M.C T.W M.M
2/10/2025	80 High St	No Name	Sewer problem	Sewer tap plugged	Going to used jetter truck to get it open	M.H M.C
2/24/2025	Car Wash	No Name	Sewer problem	Water backing up in bays	Located the sewer tap it was open	J.T T.W S.A M.H M.M
2/25/2025	133 Guy St	No Name	Sewer problem	Sewer backing up	Used jetter truck to get them open 50'	J.T M.M
2/25/2025	Car Wash	No Name	Sewer problem	Sewer tap plugged	Used jetter truck to get it open 150'	J.T T.W M.M
2/27/2025	2nd St	No Name	Sewer problem	Sewer tap plugged	Used jetter truck to get it open 30'	J.T S.A
3/5/2025	104 16th st	Jackie Tingler	Sewer problem	Sewer backs up when it rains	Checked sewer main it was open	J.T M.M
3/10/2025	240 Graham St	No Name	Sewer problem	Sewer backing up	Used jetter truck to get it open 15'	J.T T.W M.M S.A
3/10/2025	1109 South Henry Ave	No Name	Sewer Complaint	Sewer tap plugged	They didn't have a cleanout	J.T T.W M.M S.A
3/10/2025	Glendale Ave	No Name	Sewer problem	Man hole plugged	Used jetter truck to get it open 25'	J.T T.W M.M S.A
3/11/2025	44 Locust St	No Name	Sewer problem	Sewer tap plugged	Used jetter truck to get it open 30'	T.W S.A
3/25/2025	108 Hanley St	No Name	Sewer Odor	Dry traps	Sewer main was open	T.W M.M
3/27/2025	101 S Henry Ave	No Name	Sewer problem	Sewer coming out of manhole	Used jetter truck to get it open	J.T T.W M.M S.A M.H

Semi-Annual Equipment Maintenance Summary

4th Quarter 2024 – 1st Quarter 2025

Date	Location	Equipment	Maintenance

City of Elkins – Compliance Milestones

LTCP Improvements

The City of Elkins has completed Phase I & II of the current LTCP. Currently working on identifying projects for future phases to be included in an updated LTCP. Significant events of the current LTCP as well as actions taken to begin drafting a new LTCP are listed chronologically below:

Timeline of Events

- 4/16/13 - SHPO issues the Architectural Resources approval for project (Archaeological Resources approved on 5/29/12).
- 4/22/13 - WVDEP issues a Findings of No Significant Impact (FONSI).
- 9/13/13 - WVDNR issues a License and Right of Entry.
- 9/19/13 - Submitted a WVDOH Right-of-Way Permit.
- 10/24/13 - WVDEP approved the Contract Drawings and Specification.
- 12/6/13 - Army Corps of Engineers issued Nationwide Permit.
- 2/4/14 - WVDEP issues NPDES Construction Stormwater Permit.
- 3/10/14 - Submitted Clean Water SRF Priority Fact Sheet to WVDEP
- 4/8/14 - Received Information from WVDEP Indicating the Agency Would Be Unable to Finance the Project.
- 5/8/14 - Sent a Letter to the West Virginia Infrastructure and Jobs Development Council (WVIJDC) Requesting a Funding Change for the Project
- 5/27/14 - Submitted a Certificate of Convenience and Necessity with the Public Service Commission of West Virginia (PSC).
- 6/24/14 - WVIJDC Funding Committee Approved the City Seeking Financing through a WVIJDC Loan.
- 6/25/14 - NPDES Permit Modification Submitted to WVDEP
- 7/3/14 - City Filed a Motion to Toll the Case at the PSC
- 7/9/14 - At the WVIJDC meeting, Council Approved Financing of the Project through a WVIJDC Loan.

- 7/14/14 - PSC Authorized the 30-Day Extension of the Tolling Period.
- 7/16/14 - Received a Binding Commitment Letter from WVIJDC.
- 7/23/14 - Received Bureau for Public Health Permit.
- 8/29/14 - Sent letter to WVIJDC Requesting a Clarification on the Binding Commitment Letter.
- 9/9/14 - Sent Letter to WVIJDC Requesting to Be Placed on the Agenda for the 10-1-14 Council Meeting.
- 9/12/14 - PSC Authorized an Additional 30-Day Tolling Period.
- 10/1/14 - Revised Binding Commitment Letter from WVIJDC Received.
- 10/9/14 - Lifted the Motion to Toll the Rate Case Associated with the Project.
- 12/17/14 - WVIJDC Issues a Bid Authorization Letter
- 12/23/14 - First Advertisement for Bids.
- 12/30/14 - Second Advertisement for Bids.
- 1/7/15 - First Pre-Bid Meeting
- 1/23/15 - Second Pre-Bid Meeting
- 2/10/15 - Bid Opening for Project
- 2/19/15 - Bid Review Letter Issued by the Engineer
- 2/23/15 - Conditional Notice of Award Issued to the Contractor
- 3/26/15 - WVIJDC Authorizes Use of Bid Underrun
- 4/15/15 - Pre-Closing for WVIJDC Loan
- 4/16/15 - Closing of WVIJDC Loan
- 4/17/15 - Pre-Construction Meeting for the Project
- 5/29/15 - Initiation of Construction.
- 6/15/15 - Construction Progress Meeting – Milling and saw cuts made on Kerens Avenue. Wing wall set at river. Installed slope protection.
- 7/13/15 - Construction Progress Meeting – Installed new storm drains along Kerens Avenue and Wilson Street.

- 8/17/15 - Construction Progress Meeting – Continued storm sewer installation on Kerens Avenue, Wilson Street, and College Street. Bore and jack of storm drain on Randolph Avenue. Began trench repairs. Installed water insert valves.

- 9/21/15 - Construction Progress Meeting – Completed installation of storm sewers. Lining of sewers has begun. Installation of water mains has begun. Continued on trench repairs.

- 9/25/15 - Completed lining of sewers.

- 10/15/15 - Construction Progress Meeting – Completed lining of manholes. Waterline improvements associated with new storm drains were completed. New sewer laterals began being installed for the residences along Kerens Avenue.

- 11/30/15 - Construction Progress Meeting – Work associated with the LTCP was completed with the exception of minor ancillary work. A punch list was created for items associated with this work.

- 1/14/16 - Began review of flow data for the Post Construction Monitoring Report. Construction work shut down due to weather.

- 2/1/16 - Construction restarted with installation of storm sewers along First Street.

- 2/8/16 - Construction began on storm sewer on Central Avenue.

- 2/9/16 - Construction work shut down due to weather.

- 3/7/16 - Construction Progress Meeting – Completed alley beside of WVDOH garage and First Street. Construction restarted with continued work on Central Avenue.

- 3/14/16 - Began storm sewers on Third Street.

- 3/17/16 - Completed storm sewers in Central Avenue.

- 4/6/16 - Completed storm sewers on Third Street.

- 5/6/16 - Requested funding to provide sewer televising along the Buffalo Creek Culvert and combined sewers and to purchase and install a flow meter on new storm line.

- 5/31/16 - Substantial Completion walkthrough completed.

- 6/1/16 - Date of Substantial Completion for the project.

- 7/7/16 - Certificate of Substantial Completion acknowledged by City.

- 7/25/16 - Performed CCTV of Buffalo Creek Culvert.

- 8/1/16 - Performed cleaning and CCTV on combined sewer at locations of known issues.

- 8/19/16 - Installed flow meter on new storm line at end of Kerens Avenue.

- 9/20/16 - Signed Agreement for improvements to sludge aeration system at the wastewater treatment plant.
- 9/30/16 - Contractor provided final pay estimate to the City.
- 10/21/16 - Report on Buffalo Creek Culvert completed.
- 12/19/16 - Began construction on aeration improvements at the wastewater treatment plant.
- 1/23/17 - Selected the scope of the Combined Sewer System Improvements Project, Phase 2.
- 1/31/17 - Submitted the Post Construction Monitoring Report for the Combined Sewer System Improvements Project.
- 3/20/17 - Signed amendment with Engineer to create a Preliminary Engineering Report for Combined Sewer System Improvements Project, Phase 2.
- 3/28/17 - Contractor reached Substantial Completion for the wastewater treatment plant aeration upgrades.
- 4/10/17 - Began manhole inspections for the Combined Sewer System Improvements Project, Phase 2.
- 4/11/17 - Completed manhole inspections.
- 5/21/17 - Began smoke testing for the sewers tributary to CSO 016.
- 5/25/17 - Completed smoke testing.
- 6/19/17 - Presentation of results from the manhole inspections and smoke testing to the Board.
- 8/21/17 - Options presented to the Board for the Phase 2 project.
- 9/11/17 - Accountant selected for the Phase 2 project.
- 9/18/17 - Board selected the scope for the Phase 2 project.
- 9/19/17 - Project Initiation form submitted to WVIJDC.
- 9/21/17 - WVIJDC approved the Project Initiation form for the Phase 2 project.
- 11/10/17 - Accountant forms added to the WVIJDC Project Dashboard.
- 12/8/17 - Preliminary Engineering Report added to the WVIJDC Project Dashboard.
- 1/23/18 - Phase 2 Project reviewed at the WVIJDC Technical Review and Funding Committee Meeting
- 2/7/18 - Project funding approved by the WVIJDC.
- 2/12/18 - Funding decision letter from WVIJDC sent.

- 2/26/18 - Engineering amendment for design approved by the Sanitary Board.
- 3/26/18 - Field work for Phase 2 design started.
- 4/18/18 - Completed field work for Phase 2 project.
- 5/14/18 - Smoke tested along Riverview Drive and Teaberry Hills areas of the City.
- 6/18/18 - Reviewed 30% design documents with the Sanitary Board.
- 8/20/18 – Reviewed 60% design documents with the Sanitary Board.
- 8/29/18 – Performed field work associated with the Buffalo Creek sewer improvements.
- 10/31/18 – Submitted Facilities Plan for Combined Sewer System Improvements, Phase 2 project to WVDEP.
- 11/7/18 – Conference call to discuss project progress (internal team members only)
- 11/19/18 – Board meeting to discuss project progress.
- 12/7/18 – Conference call to discuss project progress (internal team members only).
- 12/11/18 – Submitted Plans and Specifications for Combined Sewer System Improvements, Phase 2 project to WVDEP.
- 12/12/18 – Performed additional smoke testing in the Teaberry Hills section of the City.
- 1/19/19 – Submitted revised Facilities Plan to the WVDEP based upon comments.
- 1/22/19 – Conference call to discuss project progress (internal team members only).
- 2/19/19 – Conference call to discuss project progress (internal team members only).
- 3/14/19 – Conference call with WVDEP to discuss project progress.
- 3/18/19 – Board approved Engineering Amendment covering the construction and post construction phase services associated with the Combined Sewer System Improvements, Phase 2 project.
- 4/9/19 – Conference call with all team members.
- 4/16/19 – Updated cash flow was created.
- 4/30/19 – First draft of the Schedule B created.
- 5/21/19 – Updated project schedule was circulated for review.
- 5/23/19 – Conference call with all team members.
- 5/24/19 – Final easement list created for the project.

- 6/6/19 - Received Categorical Exclusion for the project from WVDEP.
- 6/17/19 – Conference call with all team members.
- 6/25/19 – Received comments from the railroad plans.
- 7/10/19 – Conference call with all team members.
- 7/16/19 – Submitted the NPDES Permit Modification and the NPDES Construction Stormwater Permit to WVDEP.
- 7/23/19 – Soil borings were collected throughout the project area.
- 8/1/19 – Received comments from WVDOH on the project.
- 8/8/19 – Received comments from WVDEP on the NPDES Construction Stormwater Permit on the project.
- 8/15/19 – City Council approved the new Sewer Use Ordinance.
- 8/15/19 – Conference call with all team members.
- 8/19/19 – Sanitary Board recommended the project to move forward as presented with the proposed funding scenario to City Council for approval.
- 9/4/19 – Received approval of the Plans and Specifications from WVDEP.
- 9/5/19 – Received geotechnical report on the project area.
- 9/16/19 – Received approval for the NPDES Construction Stormwater Permit to WVDEP.
- 9/18/19 – Internal conference call to discuss steps to receive a sewer rate increase.
- 10/17/19 – First meeting of City Council to discuss the Project Ordinance.
- 11/6/19 – Team coordination call to move project towards bidding.
- 11/21/19 – City Council adopted the Project Ordinance.
- 12/3/19 – Army Corps of Engineers permit received for project.
- 12/10/19 – Team coordination call to move project to bidding.
- 12/10/19 – Railroad permit received for project.
- 1/10/20 – Team coordination call to move project to bidding.
- 2/13/20 – Team coordination call to move project to bidding.
- 3/10/20 – WVDOH issues right-of-way permit.

- 3/23/20 – Team coordination call to move project to bidding.
- 4/27/20 – Sanitary Board meeting to discuss tasks remaining to take project to bid.
- 5/13/20 – Team coordination call to move project to bidding.
- 6/10/20 – Team coordination call to move project to bidding.
- 6/16/20 – Meeting with property owner to finalize easements.
- 6/23/20 – Final title opinion issued for the project.
- 6/30/20 – Team coordination call to move project to bidding.
- 7/16/20 – First reading of the bond ordinance.
- 7/21/20 – Sanitary Board meeting to discuss tasks remaining to take project to bid.
- 7/29/20 – Team coordination call to move project to bidding.
- 8/4/20 – WVDEP issues binding commitment for SRF loan.
- 8/4/20 – WVDEP issues authorization to advertise.
- 8/6/20 – Second reading of the bond ordinance.
- 8/11/20 – First advertisement for bids placed in the newspaper.
- 8/17/20 – Sanitary Board meeting to discuss tasks remaining to take project to bid.
- 8/18/20 – Second advertisement for bids placed in the newspaper.
- 8/25/20 – Pre-bid meeting for the project.
- 9/3/20 – Third reading of the bond ordinance.
- 9/10/20 – Bid opening for the project.
- 9/15/20 – Conference call with team to discuss bid results.
- 9/21/20 – Sanitary Board meeting where contract was tentatively awarded.
- 9/23/20 – Team coordination call to receive funding.
- 10/7/20 – Conference call to set loan closing date.
- 10/19/20 – Loan closing.
- 10/19/20 – Preconstruction meeting.
- 1/18/21 – Construction contract start date per the Notice to Proceed

- 1/25/21 – Contractor began mobilizing to the site
- 2/8/21 – First day of construction on site
- 2/16/21 – Construction progress meeting: installed headwall on Railroad Avenue and 94 l.f. of storm drains.
- 3/15/21 – Construction progress meeting - installed the following to-date: 574 l.f. of storm drains, 3 storm manholes, 2 yard drains, and 1 catch basin.
- 4/14/21 – Construction progress meeting - installed the following to-date: 7 yard drains, 13 catch basins, 9 manholes, and 1,800 lf of storm drains
- 5/17/21 – Construction progress meeting - installed the following to-date: 13 yard drains, 20 catch basins, 13 manholes, and 2,650 lf of storm drains
- 6/28/21 – Construction progress meeting - installed the following to-date: 22 yard drains, 39 catch basins, 27 manholes, and 5,850 lf of storm drains
- 7/19/21 – Construction progress meeting – completed the following percentages of installation to-date: 36" & 30" pipe = 100%, 18" pipe = 65%, 12" pipe = 43%, 6" pipe = 31%, manholes = 53%, catch basins = 43%, yard drains = 26%.
- 8/16/21 – Construction progress meeting – completed the following percentages of installation to-date: 36" & 30" pipe = 100%, 24" pipe = 80%, 18" pipe = 90%, 12" pipe = 69%, 6" pipe = 52%, manholes = 77%, catch basins = 65%, and yard drains = 47%.
- 9/20/21 – Construction progress meeting – completed the following percentages of installation to-date: 36" & 30" pipe = 100%, 24" pipe = 95%, 18" pipe = 98%, 12" pipe = 90%, 6" pipe = 82%, manholes = 86%, catch basins = 86%, yard drains = 77%.
- 10/6/21 – Completed all storm piping and structures in South Elkins.
- 10/21/21 – Presentation to the Sanitary Board and City Council on remaining items associated with the Consent Decree.
- 10/21/21 – Board signed agreement with B&N to install flow meters as part of the post construction monitoring report.
- 10/28/21 – Performed Substantial Completion Walkthrough on the Phase 2 project.
- 10/29/21 – Date of the Certificate of Substantial Completion.
- 11/1/21 – Fully executed Certificate of Substantial Completion finalized.
- 11/15/21 – Accepted Change Order No. 2 for the Phase 2 project.
- 12/3/21 – Contractor completed all punch list items from the Certificate of Substantial Completion.
- 12/5/21 – Contractor provided remainder of project closeout documents to the City.

- 12/20/21 – Board approved final payment for the Contractor marking the completion of the Phase 2 project.
- 12/21/21 – Advertisement for flow meter supplier sent to newspaper.
- 12/31/21 – Due date for the completion of construction for Phase 2 based upon Consent Order.
- 1/24/22 – Bid awarded for purchase of flow meters.
- 3/9/22 – Final inspection from WVDEP SRF program completed.
- 3/21/22 – Board authorized B&N to begin creating an updated Long-Term Control Plan.
- 3/31/22 – Received first shipment of flow meter accessories.
- 4/1/22 – Operators beginning sampling associated with the post construction monitoring report.
- 4/18/22 – Meeting to discuss wastewater system needs for the LTCP update.
- 5/9/22 – Flow meters installed at all CSOs.
- 5/16/22 – Warranty walkthrough for the Phase 2 project occurred.
- 5/17/22 – Received draft NPDES permit from WVDEP.
- 5/17/22 – Presentation to Sanitary Board on proposed projects for the LTCP update.
- 5/24/22 – Personnel trained on the use of the new flow meters.
- 6/6/22 – Sanitary Board provided comments on the draft of the LTCP project list.
- 6/28/22 – Received final NPDES permit from WVDEP.
- 8/1/22 – New NPDES permit went into effect.
- 9/13/22 – Sanitary Board approved list of projects for the LTCP update.
- 9/27/22 – Meeting to discuss the current operations and maintenance plan for the combined sewer system for the LTCP update.
- 10/17/22- Hymes received draft from B+N of LTCP
- 12/29/22 – Submitted revised copy of the Asset Management Plan to WVDEP for review.
- 1/11/23 – Meeting to discuss results of the Post Construction Monitoring Report for the Phase 2 project and possible LTCP public meeting.

- 1/23/23 – Public meeting for the revised LTCP.
- 1/26/23 – Submitted the revised LTCP along with the Post Construction Monitoring Report for the Phase 2 project to the WVDEP.
- 1/29/23 – Submitted a Clean Water State Revolving Fund Priority List Application for the Phase 3 project to WVDEP.
- 3/20/23 – Site visit to review sites of the proposed Phase 3 project.
- 3/28/23 – Interviews for engineering consultants for the Phase 3 project.
- 3/31/23 – Board selected engineering consultant for Phase 3 project.
- 4/15/23 – Scoping meeting to discuss the Phase 3 project.
- 4/20/23 – Received comments from WVDEP on draft LTCP.
- 6/7/23 – Engineering fee estimate for the Phase 3 project submitted to the Board.
- 8/21/23 – Board Meeting to finalize scope of engineering agreement.
- 9/18/23 – Engineering agreement for the Phase 3 preliminary engineering report approved by Board.
- 9/18/23 – Board received phone call from USEPA requesting a status update.
- 9/26/23 – Internal meeting to discuss closing of the Consent Decree
- 9/28/23 – Board signed Letter of Representation for Steptoe & Johnson to represent the City in negotiations with USEPA and WVDEP.
- 10/17/23 – Board submitted semi-annual report for 2nd and 3rd quarters of 2023 to USEPA
- 10/18/23 – Internal call on effluent data submitted to USEPA
- 10/30/23 – Review meeting to discuss progress of addressing USEPA comments on the Consent Decree/revised LTCP.
- 10/31/23 – USEPA contacted Board to discuss counsel should discuss steps to close the Consent Decree

- 11/7/23 – Board submitted the Completion Report for the Supplemental Environmental Project (SEP) to USEPA and WVDEP.

- 12/1/23 – Received comment letter from USEPA on the closeout of the Consent Decree and revised LTCP.

- 12/18/23 – Conference call with USEPA on the closeout of the Consent Decree and the revised LTCP.

- 1/2/24 – Emailed USEPA requesting update on meeting to discuss technical assistance from the Agency.

- 1/5/24 – USEPA responded to Board request for an update.

- 1/23/24 – Internal meeting to discuss responding to USEPA comments.

- 1/29/24 – Coordination call on response letter to USEPA comments.

- 2/6/24 – USEPA informed Board technical assistance funds have been received to engage the consultant for the Agency

- 2/8/24 – Submitted revised LTCP to USEPA for review and comments.

- 2/14/24 – USEPA contacted B&N requesting information on I/I from satellite communities.

- 3/8/24 – Board submitted Annual CSO Report to USEPA.

- 3/19/24 – USEPA requested additional information for consultant concerning information in the draft LTCP.

- 4/10/24 – Board provided requested information to USEPA.

- 4/11/24 – USEPA requested raw flow metering data collected during the Phase 2 Post Construction Monitoring Report.

- 4/30/24 – Board responded with a list of available information to be submitted to USEPA.

- 5/13/24 – Submitted soil boring information to USEPA.

- 5/14/24 – Submitted water usage and sewage flows for the Midland PSD to USEPA.

- 5/21/24 – Submitted hydrographs for each of the CSOs to USEPA.

- 5/28/24 – USEPA requested additional information on the flow meters used. information collected by the flow meters, and available rain data.

- 5/29/24 – Board provided response to USEPA request including raw flow meter data.

- 5/30/24 – USEPA requested information on the scope of the previously completed sewer separation projects.

- 5/31/24 – Board provided first batch of information requested by USEPA.

- 6/3/24 – Board provided second batch of information requested by USEPA. USEPA requested additional information on the metering results provided by the Board.

- 6/5/24 – Board provided additional information on the flow meters to USEPA.

- 7/17/24 – USEPA provided a flow analysis performed by their consultant to the Board.

- 7/24/24 – Board responded to USEPA requesting a meeting to discuss the flow analysis.

- 7/30/24 – Virtual meeting with the Board, USEPA, and USEPA's consultant to discuss flow analysis.

- 8/6/24 – Internal discussions with Board on next steps associated with addressing the updated LTCP.

- 10/11/24 – Submitted Semi-Annual CSO Report to USEPA.

- 10/17/24 – Board received confirmation email from USEPA acknowledging receipt of the report.

- 11/1/24 – Internal meeting with Board and legal counsel to discuss direction for addressing the updating LTCP as well as information gathered during meeting with USEPA on flow metering results.

- 1/28/25 – Internal progress meeting with Board and legal counsel.

- 1/31/25 – Board submitted 2024 CSO Annual Report to USEPA.

- 2/3/25 – Discussions with Board and legal counsel on the leaf pickup program for the City of Elkins.