

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



Signature of Authorized Representative

X

10-19-2022

Date

X

Whitney L. Hymes

Printed Name of Authorized Representative

X

Superintendent / Chief Operator

Title of Authorized Representative

**Attachment A
CSO Summary Report**

**CSO Community: City of Elkins
Reporting Period: 2nd Quarter of 2022 and 3rd Quarter of 2022
Prepared By: Joe Johnson
Date Submitted: 10/19/22**

Comments on Nine Minimum Controls activity during the past reporting period

- 1) O&M Plan- Line maintenance included: cleaned nine main lines for approximately 1572'.
Cleaned/unplugged twenty-two sewer taps, installed nine new taps. Repaired one cleanout. Installed two new storm drains and ten new catch basin and replaced one existing catch basin. Cleaned four storm drain lines. Repaired two storm lines installed two new storm drains. 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 twentyfive call-outs, responded to locate requests, maintained equipment, and assisted other departments and outside agencies on nineteen occasions. Weekly safety meetings continue and employees attended training on how to give CDL test. How to use p-cards and class on camera van and how to use it. Two people had CDL classes. 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 2022 and will be published again in the second quarter of 2023. 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-42**

11) **Estimated duration of CSO discharge (gallons or time)- Duration for the period was a total of 3267 hrs. 53 min. However, flow was intermittent over that period. Total flow from the CSOs is estimated at 48,141,207.8 gallons. Duration and flow was recorded on fourteen flow meters. Total precipitation for the reporting period was 37.59"**

12) **Number of CSO wet weather events YTD- There have been 49 wet weather events in the 1st to 3rd quarter of 2022.**

Dry Weather Events

13) **Number of CSO dry weather events that occurred during the last reporting period-2**

14) **Date(s) of dry weather event(s)-6/29-7/1 and 9/26**

15) **Cause(s) of the discharge(s)-6/29-7/1-faulty flow meter data no sign of discharge, 9/26-power failure**

16) **Summarize actions taken to flush, recover or treat residual material-6/29-7/1-no action required, 9/26- trash basket on outfall pipe captured debris.**

17) **Corrective action taken to prevent re-occurrence-6/29-7/1- checked lift station for proper operation, well check flow meter calibration, 9/26- notified power company**

18) **Number of CSO dry weather events occurred YTD-2**

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. Had two collection system employees resign and hired two new employees to fill the vacancies. CSO tech accepted a new position within the City and was replaced by a current WWTP operator.**

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: Current LTCP has recently been completed and the City and their engineers are currently working on a new LTCP which will include a phase 3 separation project in addition to other upgrades to the wastewater collection system.

25) Has annual newspaper notification been published? The 2022 ad was published in the second quarter of 2022 and the 2023 ad will be published in the second quarter of 2023.

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
Apr-22

Outfall #	Location	Receiving Stream	Inspection Date/Time	Backflow Device	Signs	Regulator	General Comments	Discharge Y/N	W/D	Cause	Precipitation			Discharge		Est. Duration Hrs/Min	Est. Flow GPM	Est. Total Flow	Comments or Corrective Action	Operator		
											Est. Amt.	Start Date	Stop Date	Estimated Start Date/Time	Estimated Stop Date/Time							
002	Barron Ave.	Tygart Valley River	4/1/22 7:20 AM	✓	✓		✓	N									0:00	0	0	OK	TH	
			4/4/22 7:15 AM	✓	✓		✓	N										0:00	0	0	OK	TH
			4/6/22 7:15 AM	✓	✓		✓	Y										0:00	0	0	OK	TH
			4/11/22 7:10 AM	✓	✓		✓	N										0:00	0	0	OK	TH
			4/13/22 7:25 AM	✓	✓		✓	N										0:00	0	0	OK	TH
			4/18/22 7:15 AM	✓	✓		✓	N										0:00	0	0	OK	TH
			4/20/22 7:10 AM	✓	✓		✓	N										0:00	0	0	OK	TH
			4/25/22 7:10 AM	✓	✓		✓	N										0:00	0	0	OK	TH
			4/27/22 7:15 AM	✓	✓		✓	N										0:00	0	0	OK	TH
			4/29/22 7:05 AM	✓	✓		✓	N										0:00	0	0	OK	TH
003	Cherokee Street	Tygart Valley River	4/1/22 7:30 AM	✓	✓		✓	N									0:00	0	0	OK	TH	
			4/4/22 7:25 AM	✓	✓		✓	N										0:00	0	0	OK	TH
			4/6/22 7:25 AM	✓	✓		✓	N										0:00	0	0	OK	TH
			4/11/22 7:20 AM	✓	✓		✓	N										0:00	0	0	OK	TH
			4/13/22 7:35 AM	✓	✓		✓	N										0:00	0	0	OK	TH
			4/18/22 7:25 AM	✓	✓		✓	N										0:00	0	0	OK	TH
			4/20/22 7:20 AM	✓	✓		✓	N										0:00	0	0	OK	TH
			4/25/22 7:20 AM	✓	✓		✓	N										0:00	0	0	OK	TH
			4/27/22 7:25 AM	✓	✓		✓	N										0:00	0	0	OK	TH
			4/29/22 7:15 AM	✓	✓		✓	N										0:00	0	0	OK	TH
004	Henry Ave.	Tygart Valley River	4/1/22 7:40 AM	✓	✓		✓	N									0:00	0	0	OK	TH	
			4/4/22 7:35 AM	✓	✓		✓	N										0:00	0	0	OK	TH
			4/6/22 7:35 AM	✓	✓		✓	N										0:00	0	0	OK	TH
			4/6/2022						Y	W	Rain	0.50	4/6/22	4/6/22	4/6/22 1:20 AM	4/6/22 6:05 PM	16:45	464.4	466771	Data From Flow Meter	TH	
			4/11/22 7:35 AM	✓	✓		✓	N										0:00	0	0		TH
			4/13/22 7:45 AM	✓	✓		✓	N										0:00	0	0		TH
			4/18/2022						Y	W	Rain	0.77	4/18/22	4/19/22	4/18/22 2:40 AM	4/19/22 12:35 AM	21:55	386.8	508642	Data From Flow Meter	TH	
			4/18/22 7:25 AM	✓	✓		✓	N										0:00	0	0		TH
			4/20/22 7:30 AM	✓	✓		✓	N										0:00	0	0		TH
			4/25/22 7:30 AM	✓	✓		✓	N										0:00	0	0		TH
4/27/22 7:35 AM	✓	✓		✓	N										0:00	0	0		TH			
4/29/22 7:25 AM	✓	✓		✓	N										0:00	0	0		TH			

005	Kerens Ave.	Tygart Valley River	4/11/22 7:45 AM	✓	✓	✓	N												0:00	0			TH		
			4/14/22 7:40 AM	✓	✓	✓	N													0:00	0			TH	
			4/16/22 7:40 AM	✓	✓	✓	N													0:00	0			TH	
			4/11/22 7:35 AM	✓	✓	✓	N													0:00	0			TH	
			4/13/22 7:50 AM	✓	✓	✓	N														0:00	0			TH
			4/18/2022				Y	W	Rain	0.77	4/18/22	4/19/22	4/18/22 2:50 AM	4/19/22 12:15 AM	21:25	246.3	316491	Data From Flow Meter							TH
			4/18/22 7:40 AM	✓	✓	✓	N													0:00	0			TH	
			4/20/22 7:35 AM	✓	✓	✓	N													0:00	0			TH	
			4/25/22 7:35 AM	✓	✓	✓	N													0:00	0			TH	
			4/27/22 7:40 AM	✓	✓	✓	N													0:00	0			TH	
006	Davis Ave.	Tygart Valley River	4/29/22 7:30 AM	✓	✓	✓	N												0:00	0			TH		
			4/11/22 7:50 AM	✓	✓	✓	N												0:00	0			TH		
			4/14/22 7:45 AM	✓	✓	✓	N												0:00	0			TH		
			4/16/22 7:45 AM	✓	✓	✓	N													0:00	0			TH	
			4/11/22 7:40 AM	✓	✓	✓	N													0:00	0			TH	
			4/13/22 7:55 AM	✓	✓	✓	N													0:00	0			TH	
			4/18/22 7:45 AM	✓	✓	✓	N													0:00	0			TH	
			4/20/22 7:40 AM	✓	✓	✓	N													0:00	0			TH	
			4/25/22 7:40 AM	✓	✓	✓	N													0:00	0			TH	
			4/27/22 7:45 AM	✓	✓	✓	N													0:00	0			TH	
007	R.R. Ave/1st. Street	Tygart Valley River	4/29/22 7:35 AM	✓	✓	✓	N												0:00	0			TH		
			4/11/22 7:55 AM	✓	✓	✓	N												0:00	0			TH		
			4/14/22 7:50 AM	✓	✓	✓	N												0:00	0			TH		
			4/16/22 7:50 AM	✓	✓	✓	N													0:00	0			TH	
			4/11/22 7:45 AM	✓	✓	✓	N													0:00	0			TH	
			4/13/22 7:45 AM	✓	✓	✓	N													0:00	0			TH	
			4/18/22 7:50 AM	✓	✓	✓	N													0:00	0			TH	
			4/25/22 7:45 AM	✓	✓	✓	N													0:00	0			TH	
			4/27/22 7:45 AM	✓	✓	✓	N													0:00	0			TH	
			4/29/22 7:40 AM	✓	✓	✓	N													0:00	0			TH	
008	Worth Ave.	Tygart Valley River	4/11/22 8:35 AM	✓	✓	✓	N												0:00	0			TH		
			4/14/22 8:40 AM	✓	✓	✓	N												0:00	0			TH		
			4/16/22 8:30 AM	✓	✓	✓	N												0:00	0			TH		
			4/11/22 8:25 AM	✓	✓	✓	N													0:00	0			TH	
			4/13/22 8:45 AM	✓	✓	✓	N													0:00	0			TH	
			4/18/22 8:35 AM	✓	✓	✓	N													0:00	0			TH	
			4/20/22 8:25 AM	✓	✓	✓	N													0:00	0			TH	
			4/25/22 8:30 AM	✓	✓	✓	N													0:00	0			TH	
			4/27/22 8:25 AM	✓	✓	✓	N													0:00	0			TH	
			4/29/22 8:25 AM	✓	✓	✓	N													0:00	0			TH	

009	Lower Pleasant Ave.	Cravens Run	4/1/22 8:50 AM	✓	✓	✓	N												0:00		0			TH		
			4/4/22 8:55 AM	✓	✓	✓	N													0:00		0			TH	
			4/6/22 8:45 AM	✓	✓	✓	N													0:00		0			TH	
			4/1/22 8:40 AM	✓	✓	✓	N													0:00		0			TH	
			4/13/22 9:00 AM	✓	✓	✓	N														0:00		0			TH
			4/18/22 8:50 AM	✓	✓	✓	N														0:00		0			TH
			4/20/22 8:40 AM	✓	✓	✓	N														0:00		0			TH
			4/25/22 8:45 AM	✓	✓	✓	N														0:00		0			TH
			4/27/22 8:40 AM	✓	✓	✓	N														0:00		0			TH
			4/29/22 8:40 AM	✓	✓	✓	N														0:00		0			TH
011	Mt. View Dr.	Tygart Valley River	4/1/22 9:10 AM	✓	✓	✓	N												0:00		0			TH		
			4/4/22 9:10 AM	✓	✓	✓	N												0:00		0			TH		
			4/6/22 9:00 AM	✓	✓	✓	N													0:00		0			TH	
			4/1/22 8:55 AM	✓	✓	✓	N													0:00		0			TH	
			4/13/22 9:15 AM	✓	✓	✓	N														0:00		0			TH
			4/18/22 9:10 AM	✓	✓	✓	N														0:00		0			TH
			4/20/22 8:55 AM	✓	✓	✓	N														0:00		0			TH
			4/25/22 9:00 AM	✓	✓	✓	N														0:00		0			TH
			4/27/22 8:55 AM	✓	✓	✓	N														0:00		0			TH
			4/29/22 8:55 AM	✓	✓	✓	N														0:00		0			TH
016	R.R. Ave./10th Street	Tygart Valley River	4/1/22 8:05 AM	✓	✓	✓	N												0:00		0			TH		
			4/4/22 8:00 AM	✓	✓	✓	N												0:00		0			TH		
			4/6/22 8:00 AM	✓	✓	✓	N													0:00		0			TH	
			4/6/2022				Y																		TH	
			4/11/22 7:55 AM	✓	✓	✓	N														0:00		0			TH
			4/13/22 8:10 AM	✓	✓	✓	N														0:00		0			TH
			4/18/2022				Y																			TH
			4/18/22 8:00 AM	✓	✓	✓	N														0:00		0			TH
			4/20/22 7:55 AM	✓	✓	✓	N														0:00		0			TH
			4/25/22 7:55 AM	✓	✓	✓	N														0:00		0			TH
4/27/22 8:00 AM	✓	✓	✓	N														0:00		0			TH			
4/29/22 7:50 AM	✓	✓	✓	N														0:00		0			TH			

017	S. Davis Ave.	Tygart Valley River	4/1/22 8:10 AM	✓	✓	✓	✓	N											0:00	0		TH	
			4/4/22 8:05 AM	✓	✓	✓	✓	N												0:00	0		TH
			4/6/22 8:05 AM	✓	✓	✓	✓	N												0:00	0		TH
			4/1/22 8:00 AM	✓	✓	✓	✓	N												0:00	0		TH
			4/1/22 8:15 AM	✓	✓	✓	✓	N												0:00	0		TH
			4/1/22 8:05 AM	✓	✓	✓	✓	N												0:00	0		TH
			4/20/22 8:00 AM	✓	✓	✓	✓	N												0:00	0		TH
			4/25/22 8:00 AM	✓	✓	✓	✓	N												0:00	0		TH
			4/27/22 8:05 AM	✓	✓	✓	✓	N												0:00	0		TH
			4/29/22 7:55 AM	✓	✓	✓	✓	N												0:00	0		TH
018	S. Kerens Ave.	Tygart Valley River	4/1/22 8:15 AM	✓	✓	✓	✓	N											0:00	0		TH	
			4/4/22 8:15 AM	✓	✓	✓	✓	N											0:00	0		TH	
			4/6/22 8:10 AM	✓	✓	✓	✓	N											0:00	0		TH	
			4/1/22 8:05 AM	✓	✓	✓	✓	N											0:00	0		TH	
			4/1/22 8:20 AM	✓	✓	✓	✓	N												0:00	0		TH
			4/1/22 8:10 AM	✓	✓	✓	✓	N												0:00	0		TH
			4/20/22 8:05 AM	✓	✓	✓	✓	N												0:00	0		TH
			4/25/22 8:05 AM	✓	✓	✓	✓	N												0:00	0		TH
			4/27/22 8:10 AM	✓	✓	✓	✓	N												0:00	0		TH
			4/29/22 8:00 AM	✓	✓	✓	✓	N												0:00	0		TH
019	S. Henry Ave.	Tygart Valley River	4/1/22 8:20 AM	✓	✓	✓	✓	N											0:00	0		TH	
			4/4/22 8:20 AM	✓	✓	✓	✓	N											0:00	0		TH	
			4/6/22 8:15 AM	✓	✓	✓	✓	N											0:00	0		TH	
			4/1/22 8:10 AM	✓	✓	✓	✓	N												0:00	0		TH
			4/1/22 8:25 AM	✓	✓	✓	✓	N												0:00	0		TH
			4/1/22 8:15 AM	✓	✓	✓	✓	N												0:00	0		TH
			4/20/22 8:10 AM	✓	✓	✓	✓	N												0:00	0		TH
			4/25/22 8:15 AM	✓	✓	✓	✓	N												0:00	0		TH
			4/27/22 8:15 AM	✓	✓	✓	✓	N												0:00	0		TH
			4/29/22 8:05 AM	✓	✓	✓	✓	N												0:00	0		TH
020	Flood Control Road	Tygart Valley River	4/1/22 9:15 AM	✓	✓	✓	✓	N											0:00	0		TH	
			4/4/22 9:15 AM	✓	✓	✓	✓	N											0:00	0		TH	
			4/6/22 9:05 AM	✓	✓	✓	✓	N											0:00	0		TH	
			4/1/22 9:00 AM	✓	✓	✓	✓	N												0:00	0		TH
			4/1/22 9:20 AM	✓	✓	✓	✓	N												0:00	0		TH
			4/1/22 9:15 AM	✓	✓	✓	✓	N												0:00	0		TH
			4/20/22 9:00 AM	✓	✓	✓	✓	N												0:00	0		TH
			4/25/22 9:05 AM	✓	✓	✓	✓	N												0:00	0		TH
			4/27/22 9:00 AM	✓	✓	✓	✓	N												0:00	0		TH
			4/29/22 9:00 AM	✓	✓	✓	✓	N												0:00	0		TH
Monthly Precipitation			3.12in																				
Total Estimated Monthly Discharge			2641512																				

Events Summary Wet Weather Events: 2 Dates: April 6,18-19

Dry Weather Events: 0 Dates:

Total Events: 2

CITY OF ELKINS
Permit # WV0020028
Monthly CSO Inspection/Discharge Report
May 2022

Outfall #	Location	Receiving Stream	Inspection Date/Time	Backflow Device	Signs	Regulator	General Comments	Discharge Y/N	W/D	Cause	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	5/2/22 7:20 AM	✓	✓		✓	N								0:00		0.00	OK	TH		
			5/9/2022							Y	W	Rain	0.96	5/3/22	5/4/22	5/3/22 9:10 PM	5/4/22 10:00 AM	12:50	159,634	122918	Date from flow meter	TH
			5/4/22 7:15 AM	✓	✓		✓	N										0:00		0.00	OK	TH
			5/6/2022							Y	W	Rain	2.65	5/6/22	5/9/22	5/6/22 10:15 AM	5/9/22 3:50 PM	77:35	777,435	3616959	Date from flow meter	TH
			5/9/22 7:10 AM	✓	✓		✓	N										0:00		0.00	OK	TH
			5/11/22 7:15 AM	✓	✓		✓	N										0:00		0.00	OK	TH
			5/13/22 7:25 AM	✓	✓		✓	N										0:00		0.00	OK	TH
			5/16/22 7:10 AM	✓	✓		✓	N										0:00		0.00	OK	TH
			5/18/22 7:15 AM	✓	✓		✓	N										0:00		0.00	OK	TH
			5/20/22 7:15 AM	✓	✓		✓	N										0:00		0.00	OK	TH
5/27/22 5:15 AM	✓	✓		✓	Y	N/A	✓	Y	W	Rain	0.86	5/27/22	5/27/22	5/27/22 5:15AM	5/27/22 5:45PM	12:30	645,411	484057,50	Date from flow meter	JJ		
003	Cherokee Street	Tygart Valley River	5/2/22 7:30 AM	✓	✓		✓	N								0:00		0	OK	TH		
			5/4/22 7:25 AM	✓	✓		✓	N									0:00		0	OK	TH	
			5/6/2022							Y	W	Rain	2.65	5/6/22	5/9/22	5/6/22 11:00 AM	5/9/22 11:00 AM	72:00	150,162	648700	Estimated Flow	TH
			5/9/22 7:20 AM	✓	✓		✓	N										0:00		0	OK	TH
			5/11/22 7:25 AM	✓	✓		✓	N										0:00		0	OK	TH
			5/13/22 7:35 AM	✓	✓		✓	N										0:00		0	OK	TH
			5/16/22 7:20 AM	✓	✓		✓	N										0:00		0	OK	TH
			5/18/22 7:25 AM	✓	✓		✓	N										0:00		0	OK	TH
			5/20/22 7:25 AM	✓	✓		✓	N										0:00		0	OK	TH
			5/27/22 5:15 AM	✓	✓		✓	Y	N/A	✓	Y	W	Rain	0.86	5/27/22	5/27/22	5/27/22 5:15 AM	5/27/22 7:45 AM	2:00	101,211	12145,20	Date from flow meter
004	Henry Ave.	Tygart Valley River	5/2/22 7:40 AM	✓	✓		✓	N								0:00		0	OK	TH		
			5/3/2022															13:30	613,585	497004	Date from flow meter	TH
			5/4/22 7:35 AM	✓	✓		✓	N										0:00		0	OK	TH
			5/6/2022							Y	W	Rain	2.65	5/6/22	5/9/22	5/6/22 9:50 AM	5/9/22 4:10 PM	78:20	634,063	2980098	Date from flow meter	TH
			5/9/22 7:30 AM	✓	✓		✓	N										0:00		0	OK	TH
			5/11/22 7:35 AM	✓	✓		✓	N										0:00		0	OK	TH
			5/13/22 7:45 AM	✓	✓		✓	N										0:00		0	OK	TH
			5/16/22 7:30 AM	✓	✓		✓	N										0:00		0	OK	TH
			5/18/22 7:25 AM	✓	✓		✓	N										0:00		0	OK	TH
			5/20/22 7:35 AM	✓	✓		✓	N										0:00		0	OK	TH
5/23/22 4:45 PM	✓	✓		✓	Y	GOOD	✓	Y	W	Rain	0.96	5/23/22	05/24/22	5/23/22 4:45 PM	5/24/22 1:15 PM	9:00	330,851	178659,00	Date from flow meter	JJ		
5/27/22 3:45 AM	✓	✓		✓	Y	GOOD	✓	Y	W	Rain	0.86	5/27/22	5/27/22	5/27/22 3:45 AM	5/28/22 12:00 PM	21:45	342,651	447169,25	Date from flow meter	JJ		

009	Lower Pleasant Ave.	Chavens Run	5/2/22 8:50 AM	✓	✓		✓	N										0:00	0	OK	TH
			5/3/2022					Y	W	Rain	0.96	5/3/22	5/4/22	5/3/22 9:30 PM	5/4/22 10:00 AM	12:30	330,747	248060	Estimated Flow	TH	
			5/4/22 8:55 AM	✓	✓			N								0:00	0	0	OK	TH	
			5/6/2022					Y	W	Rain	2.65	5/6/22	5/9/22	5/6/22 10:30 AM	5/9/22 2:30 PM	76:00	323,758	1476337	Estimated Flow	TH	
			5/9/22 8:40 AM	✓	✓			N								0:00	0	0	OK	TH	
			5/11/22 8:50 AM	✓	✓			N								0:00	0	0	OK	TH	
			5/13/13 9:00 AM	✓	✓			N								0:00	0	0	OK	TH	
			5/16/22 8:45 AM	✓	✓			N								0:00	0	0	OK	TH	
			5/18/22 8:50 AM	✓	✓			N								0:00	0	0	OK	TH	
			5/20/22 8:55 AM	✓	✓			N								0:00	0	0	OK	TH	
			5/27/22 7:30 AM	☑	☑	N/A	☑	Y	W	Rain	0.86	5/27/22	05/27/22	5/27/22 7:30 AM	5/27/22 5:15 PM	2:15	2243.68	302896.80	Data from flow meter	JJ	
011	Mt. View Dr.	Tygart Valley River	5/2/22 9:10 AM	✓	✓			N						0:00	0	0	OK	TH			
			5/3/2022					Y	W	Rain	0.96	5/3/22	5/4/22	5/3/22 10:00 PM	5/4/22 8:30 AM	10:30	251,149	158224	Estimated Flow	TH	
			5/4/22 9:15 AM	✓	✓			N							0:00	0	0	OK	TH		
			5/6/2022					Y	W	Rain	2.65	5/6/22	5/9/22	5/6/22 11:00 AM	5/9/22 3:00 PM	76:00	212,969	97140	Estimated Flow	TH	
			5/9/22 8:55 AM	✓	✓			N								0:00	0	0	OK	TH	
			5/11/22 9:05 AM	✓	✓			N								0:00	0	0	OK	TH	
			5/13/22 9:15 AM	✓	✓			N								0:00	0	0	OK	TH	
			5/16/22 9:00 AM	✓	✓			N								0:00	0	0	OK	TH	
			5/18/22 9:10 AM	✓	✓			N								0:00	0	0	OK	TH	
			5/20/22 9:10 AM	✓	✓			N								0:00	0	0	OK	TH	
			5/23/22 5:45 PM	☑	☑	N/A	☑	Y	W	Rain	0.96	5/23/22	05/23/22	5/23/22 5:45 PM	5/23/22 9:00 PM	3:15	0.89	137.55	Data from flow meter	JJ	
5/27/22 7:15 AM	☑	☑	N/A	☑	Y	W	RAIN	0.86	5/27/22	5/27/22	5/27/22 7:15 AM	5/27/22 11:30 AM	3:45	9.32	2097.00	Data from flow meter	JJ				
016	R.R. Ave./10th Valley Street	Tygart Valley River	5/2/22 8:05 AM	✓	✓			N						0:00	0	0	OK	TH			
			5/3/2022					Y	W	Rain	0.96	5/3/22	5/4/22	5/3/22 8:20 PM	5/4/22 10:50 AM	14:30	363,739	316470	Data from flow meter	TH	
			5/4/22 8:00 AM	✓	✓			N							0:00	0	0	OK	TH		
			5/6/2022					Y	W	Rain	2.65	5/6/22	5/9/22	5/6/22 9:40 AM	5/9/22 4:40 PM	79:00	690,177	3271441	Data from flow meter	TH	
			5/9/22 7:55 AM	✓	✓			N								0:00	0	0	OK	TH	
			5/11/22 8:00 AM	✓	✓			N								0:00	0	0	OK	TH	
			5/13/22 8:10 AM	✓	✓			N								0:00	0	0	OK	TH	
			5/16/22 7:55 AM	✓	✓			N								0:00	0	0	OK	TH	
			5/18/22 8:00 AM	✓	✓			N								0:00	0	0	OK	TH	
			5/20/22 8:00 AM	✓	✓			N								0:00	0	0	OK	TH	
			5/22/22 8:10 AM	✓	✓			N								0:00	0	0	OK	TH	
017	S. Davis Ave.	Tygart Valley River	5/3/2022					Y	W	Rain	0.96	5/3/22	5/4/22	5/3/22 8:20 PM	5/4/22 10:05 AM	13:45	183,038	151006	Data from flow meter	TH	
			5/4/22 8:05 AM	✓	✓			N							0:00	0	0	OK	TH		
			5/6/2022					Y	W	Rain	2.65	5/6/22	5/9/22	5/6/22 10:00 AM	5/9/22 4:05 PM	78:05	186.61	874270	Data from flow meter	TH	
			5/9/22 8:00 AM	✓	✓			N								0:00	0	0	OK	TH	
			5/11/22 8:05 AM	✓	✓			N								0:00	0	0	OK	TH	
			5/13/22 8:15 AM	✓	✓			N								0:00	0	0	OK	TH	
			5/16/22 8:00 AM	✓	✓			N								0:00	0	0	OK	TH	
			5/18/22 8:05 AM	✓	✓			N								0:00	0	0	OK	TH	
			5/20/22 8:05 AM	✓	✓			N								0:00	0	0	OK	TH	

018	S. Kerens Ave.	Tygart Valley River	5/2/22 8:15 AM	✓	✓		✓											0:00		0			OK	TH					
			5/4/22 8:10 AM	✓	✓		✓												0:00		0			OK	TH				
			5/6/2022																	77:30	89,7865	417507		Data from flow meter	TH				
			5/9/22 8:05 AM	✓	✓		✓													0:00		0		OK	TH				
			5/11/22 8:10 AM	✓	✓		✓													0:00		0		OK	TH				
			5/13/22 8:20 AM	✓	✓		✓													0:00		0		OK	TH				
			5/16/22 8:05 AM	✓	✓		✓													0:00		0		OK	TH				
			5/18/22 8:10 AM	✓	✓		✓													0:00		0		OK	TH				
			5/20/22 8:15 AM	✓	✓		✓													0:00		0		OK	TH				
			5/27/22 6:45 AM	☑	☑	N/A	☑													9:30	289.16			Data from flow meter	JJ				
			5/27/22 6:15 AM																	5:00	267.86	80358.00		Data from flow meter	JJ				
019	S. Henry Ave.	Tygart Valley River	5/2/22 9:15 AM	✓	✓		✓											0:00		0			OK	TH					
			5/3/2022																13:30	467.354	378557		Data from flow meter	TH					
			5/4/22 9:20 AM	✓	✓		✓												0:00		0		OK	TH					
			5/6/2022																	78:15	570.307	2877590		Data from flow meter	TH				
			5/9/22 9:00 AM	✓	✓		✓													0:00		0		OK	TH				
			5/11/22 9:15 AM	✓	✓		✓													0:00		0		OK	TH				
			5/13/22 9:20 AM	✓	✓		✓													0:00		0		OK	TH				
			5/16/22 9:05 AM	✓	✓		✓													0:00		0		OK	TH				
			5/18/22 9:15 AM	✓	✓		✓													0:00		0		OK	TH				
			5/20/22 8:20 AM	✓	✓		✓													0:00		0		OK	TH				
			5/27/22 6:15 AM	☑	☑	GOOD	☑													5:00	267.86	80358.00		Data from flow meter	JJ				
020	Flood Control Road	Tygart Valley River	5/2/22 9:15 AM	✓	✓		✓											0:00		0			OK	TH					
			5/3/2022																13:30	467.354	378557		Data from flow meter	TH					
			5/4/22 9:20 AM	✓	✓		✓												0:00		0		OK	TH					
			5/6/2022																	78:15	570.307	2877590		Data from flow meter	TH				
			5/9/22 9:00 AM	✓	✓		✓													0:00		0		OK	TH				
			5/11/22 9:15 AM	✓	✓		✓													0:00		0		OK	TH				
			5/13/22 9:20 AM	✓	✓		✓													0:00		0		OK	TH				
			5/16/22 9:05 AM	✓	✓		✓													0:00		0		OK	TH				
			5/18/22 9:15 AM	✓	✓		✓													0:00		0		OK	TH				
			5/20/22 9:15 AM	✓	✓		✓													0:00		0		OK	TH				
			5/27/22 6:45 AM	☑	☑	N/A	☑													9:30	289.16			Data from flow meter	JJ				
Monthly Precipitation			7.47in																										
Total Estimated Monthly Discharge																													
Events Summary			Wet Weather Events: 4			Dates: 5/3 5/6 5/23 5/27																							
			Dry Weather Events: 0			Dates:																							
			Total Events: 4																										

3506616.44

CITY OF ELKINS
Permit # WV020028
Monthly CSO Inspection/Discharge Report
June 2022

Outfall #	Location	Receiving Stream	Inspection Date/Time	Backflow Device	Signs Regulator	General Comments	Discharge Y/N	W/D	Cause	Est. Amt.	Precipitation Start Date	Stop Date	Estimated Start Date/Time	Estimated Stop Date/Time	Duration Hrs/Min	Est. Flow GPM	Est. Total Flow	Comments or Corrective Action	Operator	
002	Barron Avenue	Tygart Valley River	6/27/2022 6:15AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	Y	W	RAIN	0.5	6/27/22	06/03/22	6/27/22 10:15 PM	6/27/22 10:30 PM	0:15	169.12	2536.80	Data from flow meter	JJ	
			6/8/22 4:00 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	Y	W	RAIN	1.03	6/7/22	6/9/22	6/9/22	6/8/22 4:00 AM	6/8/22 4:30 AM	0:30	67.20	2016.00	Data from flow meter	JJ
			6/8/22 10:45 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	Y	W	RAIN	1.03	6/7/22	6/9/22	6/9/22	6/8/22 10:45 PM	6/8/22 12:15 AM	1:15	457.90	34342.50	Data from flow meter	JJ
			6/12/22 3:00 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	Y	W	RAIN	0.56	6/11/22	6/13/22	6/13/22	6/12/22 3:00 AM	6/12/22 3:15 AM	0:15	288.52	4327.87	Data from flow meter	JJ
			6/14/22 9:15 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	Y	W	RAIN	0.91	6/14/22	6/14/22	6/14/22	6/14/22 9:15 AM	6/14/22 4:15 PM	7:00	517.39	217303.80	Data from flow meter	JJ
			6/22/22 8:00 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	Y	W	RAIN	2.24	6/22/22	6/23/22	6/23/22	6/22/22 8:00 PM	6/23/22 2:00 PM	18:00	1048.17	1132023.60	Data from flow meter	JJ
003	Cherokee Street	Tygart Valley River	6/14/22 9:15 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	Y	W	RAIN	0.51	6/27/22	6/27/22	6/27/22 6:15 AM	6/27/22 9:30 AM	2:45	214.14	35333.10	Data from flow meter	JJ	
			6/22/2022	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	Y	W	RAIN	0.91	6/14/22	06/14/22	6/14/22 9:15 AM	6/14/22 9:30 AM	0:15	433.56	6503.40	Data from flow meter	JJ	
			6/30/22 3:00 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	Y	D	RAIN	2.24	6/22/22	6/22/22	6/22/22 7:45 PM	6/22/22 10:45 PM	1:45	638.81	67075.05	Data from flow meter	JJ	
			6/30/22 3:45 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	Y	D						6/30/22 3:00 AM	6/30/22 3:45 AM	0:15	1003.77	15056.55	See attached spill report	JJ
			6/2/22 2:45 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	Y	W	RAIN	0.5	6/2/22	06/03/22	6/3/22	6/2/22 2:45 AM	6/2/22 4:45 AM	2:00	177.26	7976.70	Data from flow meter	JJ
			6/2/2022	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	Y	W	RAIN	0.50	6/2/22	6/3/22	6/3/22	6/2/22 10:00 PM	6/2/22 10:30 PM	0:30	471.68	14150.40	Data from flow meter	JJ
004	Henry Ave.	Tygart Valley River	6/8/22 4:00 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	Y	W	RAIN	1.03	6/7/22	6/9/22	6/8/22 4:00 AM	6/9/22 1:00 AM	4:15	352.65	89925.75	Data from flow meter	JJ	
			6/11/22 2:30 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	Y	W	RAIN	0.56	6/11/22	6/12/22	6/12/22	6/11/22 2:30 AM	6/11/22 8:45 AM	1:15	171.61	12870.75	Data from flow meter	JJ
			6/12/22 2:00 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	Y	W	RAIN	0.56	6/14/22	6/15/22	6/15/22	6/14/22 6:00 AM	6/15/22 9:00 PM	30:15	357.41	648699.15	Data from flow meter	JJ
			6/14/22 6:00 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	Y	W	RAIN	0.09	6/17/22	6/17/22	6/17/22	6/17/22 1:15 PM	6/17/22 1:30 PM	0:15	444.96	6674.40	Data from flow meter	JJ
			6/17/2022	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	Y	W	RAIN	2.24	6/22/22	6/23/22	6/23/22	6/22/22 8:45 PM	6/23/22 10:00 PM	20:15	390.90	474943.50	Data from flow meter	JJ
			6/22/22 8:45 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	Y	W	RAIN	0.51	6/27/22	06/27/22	6/27/22	6/27/22 5:45 AM	6/27/22 12:45 PM	5:00	339.52	101856.00	Data from flow meter	JJ
005	Kerens Ave.	Tygart Valley River	6/2/22 3:00 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	Y	W	RAIN	0.5	6/2/22	6/3/22	6/2/22 3:00 AM	6/2/22 3:00 AM	0:01	89.02	89.02	Data from flow meter	JJ	
			6/2/2022	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	Y	W	RAIN	0.50	6/2/22	6/3/22	6/3/22	6/2/22 10:00 PM	6/2/22 10:30 PM	0:30	196.06	5881.80	Data from flow meter	JJ
			6/8/22 4:00 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	Y	W	RAIN	1.03	6/7/22	6/9/22	6/9/22	6/8/22 4:00 AM	6/8/22 4:15 AM	0:15	142.33	2134.95	Data from flow meter	JJ
			6/8/22 7:45 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	Y	W	RAIN	1.03	6/7/22	6/9/22	6/9/22	6/8/22 7:15 AM	6/9/22 12:15 AM	2:15	510.66	68939.10	Data from flow meter	JJ
			6/11/22 3:45 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	Y	W	RAIN	0.56	6/11/22	06/12/22	6/12/22	6/11/22 3:45 AM	6/11/22 4:00 AM	0:15	93.94	1409.10	Data from flow meter	JJ
			6/12/22 2:45 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	Y	W	RAIN	0.56	6/11/22	6/12/22	6/12/22	6/12/22 2:45 AM	6/12/22 5:45 AM	1:30	200.33	18029.70	Data from flow meter	JJ
006	Davis Ave.	Tygart Valley River	6/14/2022	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	Y	W	RAIN	0.91	6/14/22	6/15/22	6/14/22 6:15 AM	6/15/22 7:45 PM	23:25	150.44	209863.80	Data from flow meter	JJ	
			6/17/22 1:15 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	Y	W	RAIN	0.09	6/17/22	6/17/22	6/17/22	6/17/22 1:15 PM	6/17/22 1:30 PM	0:15	480.06	7200.90	Data from flow meter	JJ
			6/22/22 7:45 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	Y	W	RAIN	2.24	6/22/22	06/23/22	6/23/22	6/22/22 7:45 PM	6/23/22 1:15 PM	16:45	827.00	831135.00	Data from flow meter	JJ
			6/27/22 6:00 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	Y	W	RAIN	0.51	6/27/22	06/27/22	6/27/22	6/27/22 6:00 AM	6/27/22 6:30 AM	2:30	476.21	71431.50	Data from flow meter	JJ
			6/2/22 2:45 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	Y	W	RAIN	0.5	6/2/22	06/03/22	6/3/22	6/2/22 2:45 AM	6/2/22 2:45 AM	0:01	313.62	313.62	Data from flow meter	JJ
			6/2/2022	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	Y	W	RAIN	0.50	6/2/22	6/3/22	6/3/22	6/2/22 10:00 PM	6/2/22 10:00 PM	0:01	6.59	6.59	Data from flow meter	JJ

007	R.R. Ave./1st Street	Tygart Valley River	6/14/22 9:15 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.91	6/14/22	06/14/22	6/14/22 9:15 AM	6/14/22 9:30 AM	0.15	95.88	1438.20	Data from flow meter	JJ
			6/22/22 7:45 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	2.24	6/22/22	6/22/22	6/22/22 7:45 PM	6/22/22 10:15 PM	1.30	1068.12	96130.80	Data from flow meter	JJ
			6/2/22 10:00 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.5	6/2/22	06/03/22	6/2/22 10:00 PM	6/2/22 10:00 PM	0:01	49.97	49.97	Data from flow meter	JJ
			6/8/2022	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.03	6/7/22	6/9/22	6/8/22 10:45 PM	6/8/22 11:45 PM	1:00	1109.79	66567.40	Data from flow meter	JJ
008	Worth Ave.	Tygart Valley River	6/12/22 3:00 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.56	6/11/22	6/12/22	6/12/22 3:00 AM	6/12/22 3:15 AM	0:15	505.66	7584.90	Data from flow meter	JJ
			6/14/22 9:15 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.91	6/14/22	6/14/22	6/14/22 9:15 AM	6/14/22 12:45 PM	1:45	2288.69	240312.45	Data from flow meter	JJ
			6/15/22 4:15 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.91	6/14/22	06/15/22	6/15/22 4:15 PM	6/15/22 7:15 PM	0:45	3.01	135.45	Data from flow meter	JJ
			6/17/22 1:15 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.09	6/17/22	06/17/22	6/17/22 1:15 PM	6/17/22 1:15 PM	0:01	952.42	952.42	Data from flow meter	JJ
009	Lower Pleasant Ave.	Crawlers Run	6/22/22 6:30 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.51	6/27/22	6/27/22	6/27/22 6:30 AM	6/27/22 7:30 AM	1:00	396.87	23812.20	Data from flow meter	JJ
			6/22/22 8:15 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	2.24	6/22/22	06/23/22	6/22/22 8:15 PM	6/23/22 2:45 AM	6:00	300.65	108234.00	Data from flow meter	JJ
010	Mt. View Dr.	Tygart Valley River	6/8/22 11:30 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.03	6/7/22	06/09/22	6/8/22 11:30 PM	6/8/22 11:30 PM	0:01	2.15	2.15	Data from flow meter	JJ
			6/14/2022	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.91	6/14/22	6/14/22	6/14/22 9:30 AM	6/14/22 7:00 PM	4:30	356.78	96330.60	Data from flow meter	JJ
011	R.R. Ave./10th Street	Tygart Valley River	6/22/22 8:15 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	2.24	6/22/22	6/23/22	6/22/22 8:15 PM	6/23/22 2:00 AM	2:15	6.33	854.55	Data from flow meter	JJ
			6/29/22 12:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	D				6/29/22 12:00 AM	7/1/22 11:45 PM	10:30	11.51	7251.30	No wet weather data available due to faulty flow meter. See attached spill report.	JJ	
012	S. Davis Ave.	Tygart Valley River	6/2/22 4:45 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.5	6/2/22	06/03/22	6/2/22 4:45 AM	6/2/22 6:30 AM	1:15	0.46	34.50	Data from flow meter	JJ
			6/2/22 4:45 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.50	6/2/22	6/3/22	6/2/22 10:00 PM	6/3/22 6:15 AM	0:45	156.29	7033.05	Data from flow meter	JJ
			6/8/22 3:45 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.03	6/7/22	6/9/22	6/8/22 3:45 AM	6/8/22 4:00 AM	0:15	90.98	1364.70	Data from flow meter	JJ
			6/8/22 7:15 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.03	6/7/22	6/9/22	6/8/22 7:15 PM	6/8/22 11:45 PM	1:45	300.74	31577.70	Data from flow meter	JJ
013	S. Kerens Ave.	Tygart Valley River	6/9/22 8:30 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.03	6/7/22	06/09/22	6/9/22 8:30 PM	6/13/22 10:15AM	29:15	3.48	6107.40	Data from flow meter	JJ
			6/14/22 9:15 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.91	6/14/22	06/15/22	6/14/22 9:15 AM	6/16/22 8:45 AM	15:45	101.29	95719.05	Data from flow meter	JJ
			6/17/2022	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.09	6/17/22	6/17/22	6/17/22 1:00 PM	6/17/22 3:45 PM	2:45	11.00	1815.00	Data from flow meter	JJ
			6/20/22 9:30 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y						6/20/22 9:30 PM	6/22/22 2:15 AM	15:00	1.34	1206.00	Data from flow meter	JJ
014	Flood Control Road	Tygart Valley River	6/22/22 7:45 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	2.24	6/22/22	06/23/22	6/22/22 7:45 PM	6/23/22 12:00 PM	13:30	598.67	484922.70	Data from flow meter	JJ
			6/24/22 1:45 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN			6/24/22 1:45 PM	6/27/22 6:00 PM	69:45	4.89	20464.65	Data from flow meter	JJ	
			6/29/2022	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	D				6/29/22 6:15 PM	6/30/22 11:45PM	29:00	2.34	4071.60	Data from flow meter. See attached spill report.	JJ	
			6/2/22 10:00 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.5	6/2/22	06/03/22	6/2/22 10:00 PM	6/2/22 10:00 PM	0:01	12.64	12.64	Data from flow meter	JJ
015	S. Henry Ave.	Tygart Valley River	6/8/2022	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.03	6/7/22	6/9/22	6/8/22 10:45 PM	6/8/22 11:30 PM	0:45	122.33	5504.85	Data from flow meter	JJ
			6/14/22 9:15 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.91	6/14/22	6/14/22	6/14/22 9:15 AM	6/14/22 12:45 PM	1:45	221.10	23215.50	Data from flow meter	JJ
			6/15/22 12:30 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.91	6/14/22	6/15/22	6/15/22 12:30 AM	6/16/22 2:15 AM	5:30	3.89	1283.70	Data from flow meter	JJ
			6/22/22 7:45 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	2.24	6/22/22	06/23/22	6/22/22 7:45 PM	6/23/22 6:30 AM	9:30	327.75	186817.50	Data from flow meter	JJ
016	Flood Control Road	Tygart Valley River	6/8/22 11:30 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.03	6/7/22	06/09/22	6/8/22 11:30 PM	6/8/22 11:30 PM	0:01	59.28	59.28	Data from flow meter	JJ
			6/14/2022	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.91	6/14/22	6/14/22	6/14/22 9:30 AM	6/14/22 4:30 PM	6:15	281.72	105645.00	Data from flow meter	JJ
017	Flood Control Road	Tygart Valley River	6/22/22 8:00 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	2.24	6/22/22	6/23/22	6/22/22 8:00 PM	6/23/22 2:30 PM	18:30	487.32	552025.20	Data from flow meter	JJ
			6/27/22 7:30 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.51	6/27/22	6/27/22	6/27/22 7:30 AM	6/27/22 7:30 AM	0:01	225.32	225.32	Data from flow meter	JJ
Monthly Precipitation			5.91in																	
Total Estimated Monthly Discharge			8600331.85																	
Wet Weather Events: 7			Dates: 6/2 6/8 6/11-12 6/14-15 6/17 6/22 6/27																	
Dry Weather Events: 1			Dates: 6/29 7/1																	
Events Summary			Total Events: 8																	

CITY OF ELKINS
Permit # WV0020028
Monthly CSO Inspection/Discharge Report
JULY 2022

Outfall #	Location	Receiving Stream	Inspection Date/Time	Backflow Device	Signs	Regulator	General Comments	Discharge Y/N	WD	Cause	Est. Amt.	Precipitation		Discharge		Est. Duration Hrs/Min	Est. Flow GPM	Est. Total Flow	Comments or Corrective Action	Operator		
												Start Date	Stop Date	Estimated Start Date/Time	Estimated Stop Date/Time							
002	Barron Avenue	Tygart Valley River	7/5/22 9:15 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.91	7/5/22	07/07/22	7/5/22 9:15 AM	7/5/22 11:45 AM	2:30	447.64	67146.00	Data from flow meter	JJ		
			7/6/22 6:15 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.91	7/5/22	7/7/22	7/6/22 6:15 AM	7/6/22 6:45 AM	0:30	204.87	6146:10	Data from flow meter	JJ		
			7/9/22 12:00 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.14	7/8/22	7/10/22	7/9/22 12:00 AM	7/9/22 4:15 PM	16:15	495.09	482712.75	Data from flow meter	JJ		
			7/18/22 6:30 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.24	7/17/22	7/19/22	7/18/22 6:30 AM	7/18/22 11:45 AM	4:30	386.24	90784.80	Data from flow meter	JJ		
			7/19/22 2:15 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.24	7/17/22	7/19/22	7/19/22 2:15 AM	7/19/22 3:00 PM	9:30	126.75	72247.50	Data from flow meter	JJ		
			7/25/22 9:00 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	2.2	7/23/22	7/29/22	7/25/22 9:00 AM	7/25/22 9:00 AM	0:01	13.74	13.74	Data from flow meter	JJ		
003	Cherokee Street	Tygart Valley River	7/28/2022	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	2.20	7/23/22	7/29/22	7/28/22 9:00 AM	7/27/22 4:45 PM	17:15	597.81	618733.35	Data from flow meter	JJ		
			7/29/2022	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	2.20	7/23/22	7/29/22	7/29/22 6:30 AM	7/29/22 7:30 AM	1:00	790.05	47403.00	Data from flow meter	JJ		
			7/19/22 1:30 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.15	7/8/22	07/09/22	7/9/22 1:30 AM	7/9/22 1:45 AM	0:15	2.68	40.20	Data from flow meter	JJ		
			7/18/2022	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.24	7/17/22	7/19/22	7/18/22 6:45 AM	7/18/22 6:45 AM	0:01	0.34	0.34	Data from flow meter	JJ		
			7/5/22 7:45 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.91	7/5/22	07/07/22	7/5/22 7:45 AM	7/5/22 12:45 PM	3:30	458.17	98215.70	Data from flow meter	JJ
			7/6/2022	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.91	7/5/22	7/7/22	7/6/22 6:00 AM	7/6/22 6:45 AM	0:45	335.28	15087.60	Data from flow meter	JJ
004	Henry Ave.	Tygart Valley River	7/8/22 11:45 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.15	7/8/22	7/10/22	7/8/22 11:45 PM	7/8/22 6:30 PM	14:30	406.28	353463.60	Data from flow meter	JJ		
			7/12/22 4:45 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.15	7/12/22	7/19/22	7/12/22 4:45 PM	7/12/22 4:45 PM	0:01	7.78	7.78	Data from flow meter	JJ		
			7/17/22 10:00 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.24	7/17/22	07/19/22	7/17/22 10:00 PM	7/18/22 2:30 PM	6:15	312.63	117236.25	Data from flow meter	JJ		
			7/19/22 2:00 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.24	7/17/22	7/19/22	7/19/22 2:00 AM	7/19/22 3:15 PM	8:15	284.28	140718.60	Data from flow meter	JJ		
			7/28/2022	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	2.20	7/23/22	7/29/22	7/28/22 7:45 PM	7/28/22 8:00 AM	14:00	373.56	313790.40	Data from flow meter	JJ		
			7/29/22 6:15 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	2.2	7/23/22	7/29/22	7/29/22 6:15 AM	7/29/22 10:15 PM	6:45	248.13	100897.65	Data from flow meter	JJ		
005	Kerens Ave.	Tygart Valley River	7/5/22 8:30 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.91	7/5/22	7/7/22	7/5/22 8:30 AM	7/5/22 11:00 AM	2:30	416.39	62458.50	Data from flow meter	JJ		
			7/6/2022	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.91	7/5/22	7/7/22	7/6/22 6:15 AM	7/6/22 6:45 AM	0:30	228.17	6845.10	Data from flow meter	JJ		
			7/9/22 12:00 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.15	7/8/22	7/9/22	7/9/22 12:00 AM	7/9/22 9:00 AM	8:30	473.67	241571.70	Data from flow meter	JJ		
			7/17/22 10:00 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.24	7/17/22	7/19/22	7/17/22 10:00 PM	7/18/22 11:30 AM	3:15	347.47	67756.65	Data from flow meter	JJ		
			7/19/22 2:00 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.24	7/17/22	07/19/22	7/19/22 2:00 AM	7/19/22 9:00 AM	3:30	294.55	61885.50	Data from flow meter	JJ		
			7/21/22 8:15 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.05	7/21/22	7/21/22	7/21/22 8:15 PM	7/21/22 8:15 PM	0:01	0.03	0.03	Data from flow meter	JJ		
006	Davis Ave.	Tygart Valley River	7/28/2022	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	2.20	7/23/22	7/29/22	7/28/22 8:00 PM	7/27/22 12:30 AM	4:15	666.08	169850.40	Data from flow meter	JJ		
			7/27/22 1:15 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	2.2	7/23/22	7/29/22	7/27/22 1:15 PM	7/27/22 7:00 PM	3:15	302.39	58966.05	Data from flow meter	JJ		
			7/29/22 6:15 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	2.2	7/23/22	07/29/22	7/29/22 6:15 AM	7/30/22 3:00 AM	2:45	355.92	58726.80	Data from flow meter	JJ		
			7/5/22 7:30 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.91	7/5/22	07/07/22	7/5/22 7:30 AM	7/5/22 10:00 AM	1:15	336.47	25235.25	Data from flow meter	JJ		
			7/6/2022	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.91	7/5/22	7/7/22	7/6/22 6:00 AM	7/6/22 6:15 AM	0:15	302.54	4538.10	Data from flow meter	JJ		
			7/8/22 11:45 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.15	7/8/22	7/9/22	7/8/22 11:45 PM	7/9/22 3:00 AM	2:45	467.74	77177.10	Data from flow meter	JJ		

007	R.R. Ave./1st Street Tygart Valley River	7/5/22 9:45 AM	☑	☑	N/A	☑	Y	W	RAIN	0.91	7/5/22	07/07/22	7/5/22 9:45 AM	7/5/22 9:45 AM	0.01	249.36	249.36	Data from flow meter	JJ	
		7/9/22 12:45 AM	☑	☑	N/A	☑	Y	W	RAIN	1.15	7/9/22	7/9/22	7/9/22 12:45 AM	7/9/22 2:15 AM	1.00	115.99	699.40	Data from flow meter	JJ	
		7/18/22 6:30 AM	☑	☑	N/A	☑	Y	W	RAIN	1.24	7/17/22	7/19/22	7/18/22 6:30 AM	7/18/22 6:30 AM	0.01	180.42	180.42	Data from flow meter	JJ	
		7/22/22 9:00 PM	☑	☑	N/A	☑	Y	W	RAIN	0.08	7/22/22	07/23/22	7/22/22 9:00 PM	7/23/22 11:45 PM	13.15	0.34	270.30	Data from flow meter	JJ	
		7/24/22 11:15 PM	☑	☑	N/A	☑	Y	W	RAIN	2.2	7/23/22	07/29/22	7/24/22 11:15 PM	7/25/22 3:00 AM	2.30	0.39	58.50	Data from flow meter	JJ	
008	Worth Ave. Tygart Valley River	7/25/22 4:15 PM	☑	☑	N/A	☑	Y	W	RAIN	2.2	7/23/22	07/29/22	7/25/22 4:15 PM	7/25/22 4:15 PM	0.01	0.53	3960.25	Data from flow meter	JJ	
		7/26/22 8:30 PM	☑	☑	N/A	☑	Y	W	RAIN	2.2	7/23/22	07/29/22	7/26/22 8:30 PM	7/26/22 8:30 PM	0.15	263.35	3960.25	Data from flow meter	JJ	
		7/27/22 1:15 PM	☑	☑	N/A	☑	Y	W	RAIN	2.2	7/23/22	07/29/22	7/27/22 1:15 PM	7/27/22 1:15 PM	0.01	244.80	244.80	Data from flow meter	JJ	
		7/5/22 7:45 AM	☑	☑	N/A	☑	Y	W	RAIN	0.91	7/5/22	07/07/22	7/5/22 7:45 AM	7/7/22 6:45 AM	45.15	897.21	2435925.10	Data from flow meter	JJ	
		7/9/2022	☑	☑	N/A	☑	Y	W	RAIN	1.15	7/8/22	7/9/22	7/9/22 12:00 AM	7/9/22 4:00 AM	3.30	2447.92	514063.20	Data from flow meter	JJ	
009	Lower Pleasant Ave. Cravens Run	7/18/22 6:30 AM	☑	☑	N/A	☑	Y	W	RAIN	1.24	7/17/22	7/19/22	7/18/22 6:30 AM	7/18/22 7:15 AM	0.45	1702.60	7667.22	Data from flow meter	JJ	
		7/19/22 2:15 AM	☑	☑	N/A	☑	Y	W	RAIN	1.24	7/17/22	7/19/22	7/19/22 2:15 AM	7/19/22 3:45 AM	0.45	874.46	33350.70	Data from flow meter	JJ	
		7/26/22 8:00 PM	☑	☑	N/A	☑	Y	W	RAIN	2.2	7/23/22	07/29/22	7/26/22 8:00 PM	7/26/22 11:15 PM	3.15	1312.98	256031.10	Data from flow meter	JJ	
		7/27/22 1:15 PM	☑	☑	N/A	☑	Y	W	RAIN	2.2	7/23/22	07/29/22	7/27/22 1:15 PM	7/27/22 3:00 PM	0.30	675.27	20258.10	Data from flow meter	JJ	
		7/29/2022	☑	☑	N/A	☑	Y	W	RAIN	2.20	7/23/22	7/29/22	7/29/22 6:15 AM	7/29/22 7:00 AM	0.45	1042.42	46908.90	Data from flow meter	JJ	
010	Mt. View Dr. Tygart Valley River	7/9/22 1:45 AM	☑	☑	N/A	☑	Y	W	RAIN	1.15	7/8/22	07/09/22	7/9/22 1:45 AM	7/9/22 4:45 AM	3.00	148.31	26895.80	Data from flow meter	JJ	
		7/9/22 3:15 AM	☑	☑	N/A	☑	Y	W	RAIN	1.15	7/8/22	07/09/22	7/9/22 3:15 AM	7/9/22 5:00 AM	1.45	3.99	418.95	Data from flow meter	JJ	
		7/9/2022	☑	☑	N/A	☑	Y	W	RAIN	1.15	7/8/22	7/9/22	7/9/22 8:00 PM	7/9/22 8:00 PM	0.01	3134.38	3134.38	Data from flow meter	JJ	
011	S. Davis Ave. Tygart Valley River	7/19/22 8:15 AM	☑	☑	N/A	☑	Y	W	RAIN	1.24	7/17/22	7/19/22	7/19/22 8:15 AM	7/19/22 8:15 AM	0.01	2.06	2.06	Data from flow meter	JJ	
		7/26/22 9:00 PM	☑	☑	N/A	☑	Y	W	RAIN	2.2	7/23/22	7/29/22	7/26/22 9:00 PM	7/27/22 12:00 AM	1.15	7.54	565.50	Data from flow meter	JJ	
		7/29/22 3:45 AM	☑	☑	N/A	☑	Y	W	RAIN	2.2	7/23/22	07/29/22	7/29/22 3:45 AM	7/29/22 5:30 PM	1.00	2.41	144.60	Data from flow meter	JJ	
012	R.R. Ave./10th Street Tygart Valley River																	No wet weather data available due to faulty flow meter	JJ	
																			No wet weather data available due to faulty flow meter	JJ
																			No wet weather data available due to faulty flow meter	JJ
013	S. Davis Ave. Tygart Valley River	7/6/22 6:15 AM	☑	☑	GOOD	☑	Y	W	RAIN	0.91	7/5/22	7/7/22	7/6/22 6:15 AM	7/6/22 6:15 AM	0.01	355.97	355.97	Data from flow meter	JJ	
		7/8/22 9:15 PM	☑	☑	GOOD	☑	Y	W	RAIN	1.15	7/8/22	7/9/22	7/8/22 9:15 PM	7/14/22 10:15 PM	103.45	38.50	239662.50	Data from flow meter	JJ	
		7/17/22 9:00 PM	☑	☑	GOOD	☑	Y	W	RAIN	1.24	7/17/22	07/19/22	7/17/22 9:00 PM	7/18/22 7:30 AM	1.30	528.23	47540.70	Data from flow meter	JJ	
		7/19/22 2:00 AM	☑	☑	GOOD	☑	Y	W	RAIN	1.24	7/17/22	07/19/22	7/19/22 2:00 AM	7/20/22 4:30 AM	16.15	21.72	21177.00	Data from flow meter	JJ	
		7/29/2022	☑	☑	GOOD	☑	Y	W	RAIN	2.20	7/23/22	7/29/22	7/29/22 8:00 PM	7/27/22 10:30 PM	13.30	411.66	333444.60	Data from flow meter	JJ	
014	S. Henry Ave. Tygart Valley River	7/29/22 6:15 AM	☑	☑	GOOD	☑	Y	W	RAIN	2.2	7/23/22	7/29/22	7/29/22 6:15 AM	7/29/22 7:00 AM	0.45	251.34	11310.30	Data from flow meter	JJ	
		7/5/22 9:15 AM	☑	☑	GOOD	☑	Y	W	RAIN	0.91	7/5/22	07/07/22	7/5/22 9:15 AM	7/5/22 10:00 AM	0.45	138.83	6157.35	Data from flow meter	JJ	
		7/6/2022	☑	☑	GOOD	☑	Y	W	RAIN	0.91	7/5/22	7/7/22	7/6/22 6:15 AM	7/6/22 6:15 AM	0.01	3.99	3.99	Data from flow meter	JJ	
		7/9/22 12:00 AM	☑	☑	GOOD	☑	Y	W	RAIN	1.15	7/8/22	7/9/22	7/9/22 12:00 AM	7/9/22 6:15 AM	4.15	251.17	64048.35	Data from flow meter	JJ	
		7/18/22 6:30 AM	☑	☑	GOOD	☑	Y	W	RAIN	1.24	7/17/22	7/19/22	7/18/22 6:30 AM	7/18/22 7:15 AM	0.45	274.61	12397.45	Data from flow meter	JJ	
015	Flood Control Road Tygart Valley River	7/26/22 8:30 PM	☑	☑	GOOD	☑	Y	W	RAIN	2.2	7/23/22	07/29/22	7/26/22 8:30 PM	7/26/22 11:00 PM	1.45	206.77	21710.85	Data from flow meter	JJ	
		7/27/22 1:15 PM	☑	☑	GOOD	☑	Y	W	RAIN	2.2	7/23/22	07/29/22	7/27/22 1:15 PM	7/27/22 1:30 PM	0.15	180.78	2411.70	Data from flow meter	JJ	
		7/29/22 6:30 AM	☑	☑	GOOD	☑	Y	W	RAIN	0.91	7/25/22	07/07/22	7/29/22 6:30 AM	7/29/22 6:30 AM	0.01	179.06	179.06	Data from flow meter	JJ	
		7/5/22 10:00 AM	☑	☑	N/A	☑	Y	W	RAIN	1.15	7/6/22	7/9/22	7/5/22 10:00 AM	7/5/22 11:00 AM	0.45	213.40	9603.00	Data from flow meter	JJ	
		7/9/2022	☑	☑	N/A	☑	Y	W	RAIN	1.15	7/6/22	7/9/22	7/9/22 1:00 AM	7/9/22 4:30 AM	3.30	508.12	106705.20	Data from flow meter	JJ	
016	Monthly Precipitation	7/23/22 4:00 PM	☑	☑	N/A	☑	Y	W	RAIN	2.2	7/23/22	7/29/22	7/23/22 4:00 PM	7/23/22 5:45 PM	1.45	308.64	32407.20	Data from flow meter	JJ	
		7/26/22 9:00 PM	☑	☑	N/A	☑	Y	W	RAIN	2.2	7/23/22	7/29/22	7/26/22 9:00 PM	7/26/22 10:30 PM	1.15	232.84	17463.00	Data from flow meter	JJ	
Total Estimated Monthly Discharge		5.83in																		
Wet Weather Events: 9		Dates: 7/5 7/6 7/8 7/12 7/19 7/26 7/27 7/29																		
Dry Weather Events: 0		Dates:																		
Events Summary		Total Events: 9																		

CITY OF ELKINS
Permit # WV0020028
Monthly CSO Inspection/Discharge Report
AUGUST 2022

Outfall #	Location	Receiving Stream	Inspection Date/Time	Backflow Device	Signs/Regulator	General Comments	Discharge Y/N	W/D	Cause	Est. Amt.	Precipitation		Discharge		Est. Duration Hrs/Min	Est. Flow GPM	Est. Total Flow	Comments or Corrective Action	Operator	
											Start Date	Stop Date	Estimated Start Date/Time	Estimated Stop Date/Time						
002	Barron Ave.	Tygart Valley River	8/1/2022 6:30 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.77	8/1/22	8/2/22	8/1/22 6:30 PM	8/2/22 1:15 AM	1:00	215.34	12920.40	Data from flow meter	JJ
			8/4/22 2:15 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	4.5	8/4/22	08/07/22	8/4/22 2:15 PM	8/4/22 10:00 PM	7:45	870.33	404703.45	Data from flow meter	JJ
			8/5/2022	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	4.50	8/4/22	8/7/22	8/5/22 12:00 PM	8/6/22 4:30 PM	28:30	671.71	1148824.10	Data from flow meter	JJ
			8/10/22 4:00 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	3.01	8/10/22	8/13/22	8/10/22 8:00 PM	8/12/22 6:45 PM	50:45	732.68	2231010.60	Data from flow meter	JJ
			8/14/2022	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.94	8/14/22	8/17/22	8/14/22 4:15 PM	8/14/22 10:00 PM	5:45	450.78	155919.10	Data from flow meter	JJ
			8/15/22 12:15 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.94	8/14/22	8/17/22	8/15/22 12:15 PM	8/15/22 1:00 PM	0:45	75.96	3418.20	Data from flow meter	JJ
			8/19/22 2:45 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.24	8/19/22	8/23/22	8/19/22 2:45 PM	8/19/22 4:45 AM	2:00	827.06	99247.20	Data from flow meter	JJ
			8/20/22 5:45 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.24	8/19/22	8/23/22	8/20/22 5:45 PM	8/21/22 11:00 PM	2:00	308.24	36988.80	Data from flow meter	JJ
			8/22/22 2:45 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.24	8/19/22	8/23/22	8/22/22 2:45 PM	8/22/22 11:00 PM	2:00	274.94	32982.80	Data from flow meter	JJ
			8/29/22 6:45 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.96	8/29/22	8/31/22	8/29/22 6:45 PM	8/29/22 7:30 PM	0:45	508.16	22867.20	Data from flow meter	JJ
003	Cherokee Street	Tygart Valley River	8/30/22 11:15 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.96	8/29/22	8/31/22	8/30/22 11:15 AM	8/30/22 10:00 PM	9:30	600.89	342507.30	Data from flow meter	JJ
			8/4/2022 2:45 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	4.50	8/4/22	8/7/22	8/4/22 2:45 PM	8/4/22 3:00 PM	0:15	30.75	461.25	Data from flow meter	JJ
			8/5/22 12:00 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	4.5	8/4/22	08/07/22	8/5/22 12:00 PM	8/5/22 4:30 PM	0:45	140.39	6317.55	Data from flow meter	JJ
			8/10/22 6:15 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	3.01	8/10/22	8/13/22	8/10/22 6:15 PM	8/10/22 8:45 PM	1:00	402.5	24150.00	Data from flow meter	JJ
			8/19/2022	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.24	8/29/22	8/23/22	8/19/22 2:45 PM	8/19/22 3:00 PM	0:15	1123.56	16853.40	Data from flow meter	JJ
004	Henry Ave.	Tygart Valley River	8/30/22 11:15 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.96	8/29/22	8/31/22	8/30/22 11:15 AM	8/30/22 1:45 AM	0:30	708.9	21267.00	Data from flow meter	JJ
			8/1/2022 6:15 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.77	8/1/22	8/2/22	8/1/22 6:15 PM	8/2/22 3:15 PM	9:45	276.46	161729.10	Data from flow meter	JJ
			8/4/22 2:00 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	4.5	8/4/22	08/07/22	8/4/22 2:00 PM	8/7/22 9:00 AM	45:00	406.27	1086929.00	Data from flow meter	JJ
			8/10/22 1:00 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	3.01	8/10/22	8/13/22	8/10/22 1:00 PM	8/13/22 1:45 PM	52:45	430.36	1362989.40	Data from flow meter	JJ
			8/14/2022	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.94	8/14/22	8/17/22	8/14/22 4:00 PM	8/16/22 1:30 PM	18:30	301.8	334998.00	Data from flow meter	JJ
			8/19/22 3:00 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.24	8/19/22	08/23/22	8/19/22 3:00 PM	8/19/22 9:15 PM	5:00	411.41	123423.00	Data from flow meter	JJ
			8/20/22 5:45 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.24	8/19/22	08/23/22	8/20/22 5:45 PM	8/21/22 3:15 PM	9:45	363.87	212863.95	Data from flow meter	JJ
			8/22/22 4:15 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.24	8/19/22	8/23/22	8/22/22 4:15 AM	8/23/22 2:15 PM	12:30	272.24	204180.00	Data from flow meter	JJ
			8/29/22 6:30 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.96	8/29/22	08/31/22	8/29/22 6:30 PM	8/29/22 7:45 PM	1:15	730.8	54810.00	Data from flow meter	JJ
			8/30/22 11:30 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.96	8/29/22	08/31/22	8/30/22 11:30 AM	8/31/22 1:15 PM	18:15	370.37	405555.15	Data from flow meter	JJ
005	Kerens Ave.	Tygart Valley River	8/1/2022 6:15 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.77	8/1/22	8/2/22	8/1/22 6:15 PM	8/2/22 11:30 AM	4:45	393.86	112250.10	Data from flow meter	JJ
			8/4/22 2:15 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	4.5	8/4/22	08/07/22	8/4/22 2:15 PM	8/4/22 11:45 AM	8:30	445.62	227266.20	Data from flow meter	JJ
			8/5/2022	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	4.50	8/4/22	8/7/22	8/5/22 11:45 AM	8/6/22 9:00 PM	26:15	488.29	769056.75	Data from flow meter	JJ
			8/10/22 1:15 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	3.01	8/10/22	8/13/22	8/10/22 1:15 PM	8/12/22 10:15 PM	48:45	473.23	1384197.70	Data from flow meter	JJ
			8/13/2022	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	3.01	8/10/22	8/13/22	8/13/22 11:00 AM	8/13/22 1:45 PM	0:15	21.66	327.90	Data from flow meter	JJ
			8/14/22 4:00 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.94	8/14/22	08/17/22	8/14/22 4:00 PM	8/15/22 3:45 PM	10:15	381.11	234382.65	Data from flow meter	JJ
			8/16/22 6:15 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.94	8/14/22	08/17/22	8/16/22 6:15 AM	8/16/22 1:30 PM	2:45	58.84	9708.60	Data from flow meter	JJ
			8/19/22 2:45 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.24	8/19/22	8/23/22	8/19/22 2:45 PM	8/19/22 8:15 PM	4:15	367.83	91246.65	Data from flow meter	JJ
			8/20/22 5:45 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.24	8/19/22	08/23/22	8/20/22 5:45 PM	8/21/22 3:15 PM	7:30	259.33	116698.50	Data from flow meter	JJ
			8/22/22 4:30 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.24	8/19/22	08/23/22	8/22/22 4:30 AM	8/23/22 11:30 AM	12:15	132.19	97159.65	Data from flow meter	JJ
8/30/22 11:00 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.96	8/29/22	08/31/22	8/30/22 11:00 AM	8/31/22 1:15 AM	13:15	426.36	338956.20	Data from flow meter	JJ			

006	Davis Ave.	Tygart Valley River	8/1/2022 8:30 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.77	8/1/22	8/2/22	8/1/22 6:00 PM	8/2/22 12:30 AM	0:45	168.87	7599.15	Data from flow meter	JJ
			8/4/22 2:15 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	4.5	8/4/22	08/07/22	8/4/22 2:15 PM	8/4/22 3:15 PM	1:00	1193.08	71594.80	Data from flow meter	JJ
			8/5/22 11:45 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	4.5	8/4/22	8/7/22	8/5/22 11:45 AM	8/5/22 5:30 PM	3:45	793.21	178472.25	Data from flow meter	JJ
			8/10/2022	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	3.01	8/10/22	8/13/22	8/10/22 1:00 PM	8/11/22 5:30 AM	4:15	625.65	159540.75	Data from flow meter	JJ
			8/14/22 4:30 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	3.01	8/10/22	08/13/22	8/11/22 8:30 PM	8/12/22 12:30 AM	1:15	377.66	28324.50	Data from flow meter	JJ
			8/15/22 12:00 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.94	8/14/22	08/17/22	8/14/22 4:30 PM	8/14/22 5:15 PM	0:45	660.33	30614.85	Data from flow meter	JJ
			8/19/22 2:45 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.24	8/19/22	8/11/22	8/15/22 12:00 PM	8/15/22 12:00 PM	0:01	154.82	154.82	Data from flow meter	JJ
			8/20/22 5:30 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.24	8/19/22	08/23/22	8/19/22 2:45 PM	8/19/22 3:15 PM	0:30	1307.09	39212.70	Data from flow meter	JJ
			8/22/22 2:30 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.24	8/19/22	08/23/22	8/20/22 5:30 PM	8/20/22 5:45 PM	0:15	624.6	9389.90	Data from flow meter	JJ
			8/29/22 6:15 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.96	8/29/22	08/31/22	8/29/22 6:15 PM	8/29/22 7:00 PM	0:45	400.43	18019.35	Data from flow meter	JJ
007	R.R. Ave./1st Street	Tygart Valley River	8/30/22 11:00 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.96	8/29/22	8/31/22	8/30/22 11:00 AM	8/30/22 8:00 PM	1:30	1119.88	100789.20	Data from flow meter	JJ
			8/4/2022 2:15 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	4.50	8/4/22	8/7/22	8/4/22 2:15 PM	8/4/22 2:45 PM	0:30	1022.26	30667.80	Data from flow meter	JJ
			8/5/22 11:45 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	4.5	8/4/22	08/07/22	8/5/22 11:45 AM	8/5/22 4:30 PM	1:30	944.45	85000.50	Data from flow meter	JJ
			8/10/22 3:30 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	3.01	8/10/22	8/13/22	8/10/22 3:30 AM	8/10/22 8:15 PM	7:00	177.23	74436.60	Data from flow meter	JJ
			8/14/22 4:30 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.94	8/14/22	08/17/22	8/14/22 4:30 PM	8/14/22 4:45 PM	0:15	172.75	2591.25	Data from flow meter	JJ
			8/19/22 2:45 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.24	8/19/22	08/23/22	8/19/22 2:45 PM	8/19/22 3:00 PM	0:15	971.93	14578.95	Data from flow meter	JJ
			8/20/22 5:45 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.24	8/19/22	8/23/22	8/20/22 5:45 PM	8/20/22 5:45 PM	0:01	0.77	0.77	Data from flow meter	JJ
			8/29/22 6:30 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.96	8/29/22	08/31/22	8/29/22 6:30 PM	8/29/22 6:45 PM	0:15	86.36	1295.40	Data from flow meter	JJ
			8/30/22 11:00 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.96	8/29/22	8/31/22	8/30/22 11:00 AM	8/30/22 11:30 AM	0:30	993.05	29791.80	Data from flow meter	JJ
			8/1/2022 6:15 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.77	8/1/22	8/2/22	8/1/22 6:15 PM	8/2/22 12:45 AM	1:00	1091.01	65460.60	Data from flow meter	JJ
008	Worth Ave.	Tygart Valley River	8/4/22 2:30 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	4.5	8/4/22	08/07/22	8/4/22 2:30 PM	8/4/22 4:30 PM	2:00	3504.69	420562.80	Data from flow meter	JJ
			8/5/2022	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	4.50	8/4/22	8/7/22	8/5/22 11:45 AM	8/5/22 8:30 PM	8:30	3533.27	1801967.70	Data from flow meter	JJ
			8/10/22 4:00 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	3.01	8/10/22	8/13/22	8/10/22 4:00 PM	8/11/22 6:15 AM	7:30	2404.09	1081840.50	Data from flow meter	JJ
			8/11/2022	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	3.01	8/10/22	8/13/22	8/11/22 1:30 PM	8/12/22 2:00 AM	2:15	682.78	92175.30	Data from flow meter	JJ
			8/14/22 4:00 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.94	8/14/22	08/17/22	8/14/22 4:00 PM	8/14/22 5:45 PM	1:15	1412.32	105924.00	Data from flow meter	JJ
			8/15/22 12:15 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.94	8/14/22	08/17/22	8/15/22 12:15 PM	8/15/22 12:15 PM	0:01	505.31	505.31	Data from flow meter	JJ
			8/19/22 2:45 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.24	8/19/22	8/23/22	8/19/22 2:45 PM	8/19/22 3:30 PM	0:45	2251.75	99528.75	Data from flow meter	JJ
			8/20/22 5:45 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.24	8/19/22	08/23/22	8/20/22 5:45 PM	8/20/22 6:00 PM	0:15	1433.11	21496.65	Data from flow meter	JJ
			8/21/22 6:00 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.24	8/19/22	08/23/22	8/21/22 6:00 AM	8/21/22 6:15 AM	0:15	273.18	4097.70	Data from flow meter	JJ
			8/22/22 9:45 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.24	8/19/22	08/23/22	8/22/22 9:45 PM	8/22/22 10:00 PM	0:45	1143.97	17189.55	Data from flow meter	JJ
009	Lower Pleasant Ave.	Cravens Run	8/29/22 6:30 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.96	8/29/22	8/31/22	8/29/22 6:30 PM	8/29/22 7:15 PM	0:45	1531.15	68901.75	Data from flow meter	JJ
			8/30/22 11:00 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.96	8/29/22	8/31/22	8/30/22 11:00 AM	8/30/22 8:30 PM	4:30	2468	666960.00	Data from flow meter	JJ
			8/2/2022 12:45 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.77	8/1/22	8/2/22	8/2/22 12:45 AM	8/2/22 1:00 AM	0:15	6.43	96.45	Data from flow meter	JJ
			8/5/22 12:15 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	4.5	8/4/22	08/07/22	8/5/22 12:15 PM	8/6/22 12:30 AM	5:15	359.68	113299.20	Data from flow meter	JJ
			8/4/2022 2:30 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	4.50	8/4/22	8/7/22	8/4/22 2:30 PM	8/4/22 8:45 PM	2:00	9.66	1159.20	Data from flow meter	JJ
			8/5/22 12:30 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	4.5	8/4/22	08/07/22	8/5/22 12:30 PM	8/5/22 8:45 PM	5:30	15.66	5167.80	Data from flow meter	JJ
			8/10/22 1:30 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	3.01	8/10/22	8/13/22	8/10/22 1:30 PM	8/11/22 6:30 AM	8:15	17.17	8499.15	Data from flow meter	JJ
			8/12/2022	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	3.01	8/10/22	8/13/22	8/12/22 12:00 AM	8/12/22 2:45 AM	2:30	6.28	942.00	Data from flow meter	JJ
			8/14/22 5:30 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.94	8/14/22	08/17/22	8/14/22 5:30 PM	8/14/22 7:15 PM	1:00	2.77	166.20	Data from flow meter	JJ
			8/15/22 3:30 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.94	8/14/22	8/17/22	8/15/22 3:30 PM	8/15/22 6:15 PM	0:30	3.85	115.50	Data from flow meter	JJ
011	Mt. View Dr.	Tygart Valley River	8/29/22 7:30 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.96	8/29/22	08/31/22	8/29/22 7:30 PM	8/29/22 7:45 PM	0:15	2.83	42.45	Data from flow meter	JJ
			8/30/22 11:30 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.96	8/29/22	08/31/22	8/30/22 11:30 AM	8/30/22 8:30 PM	4:45	9.91	2824.35	Data from flow meter	JJ

Event ID	Location	Date	Time	Status	Flow	Direction	Volume	Duration	Value	Notes								
016	R.R. Ave./10th Street	Tygart Valley River	8/1/2022 6:15 PM	GOOD	Y	W	RAIN	0.77	8/1/22	8/2/22	8/1/22 6:15 PM	8/2/22 1:15 AM	1:45	235.08	24683.40	Data from flow meter	No wet weather data available due to faulty flow meter	
			8/4/22 2:15 PM	GOOD	Y	W	RAIN	4.5	8/4/22	08/07/22	8/4/22 2:15 PM	8/4/22 6:30 PM	8/4/22 2:15 PM	8/7/22 7:30 AM	4:15	583.94	143804.70	Data from flow meter
			8/5/22 12:00 PM	GOOD	Y	W	RAIN	4.5	8/4/22	08/17/22	8/5/22 12:00 PM	8/7/22 5:00 AM	8/7/22 12:00 PM	8/12/22 3:00 PM	29:45	286	510510.00	Data from flow meter
			8/10/22 4:00 PM	GOOD	Y	W	RAIN	3.01	8/10/22	08/13/22	8/10/22 4:00 PM	8/12/22 5:30 PM	8/12/22 4:00 PM	8/12/22 5:30 PM	40:15	335.22	809556.30	Data from flow meter
			8/14/22 4:00 PM	GOOD	Y	W	RAIN	0.94	8/14/22	08/17/22	8/14/22 4:00 PM	8/14/22 6:45 PM	8/14/22 4:00 PM	8/14/22 6:45 PM	2:00	525.77	63082.40	Data from flow meter
			8/15/22 12:00 PM	GOOD	Y	W	RAIN	0.94	8/14/22	8/17/22	8/14/22 12:00 PM	8/15/22 12:15 PM	8/15/22 12:15 PM	8/15/22 12:15 PM	0:15	139.67	2095.05	Data from flow meter
			8/16/22 1:45 PM	GOOD	Y	W	RAIN	0.94	8/14/22	08/17/22	8/16/22 1:45 PM	8/16/22 8:30 PM	8/16/22 8:30 PM	8/16/22 8:30 PM	6:15	3.78	1417.50	Data from flow meter
			8/22/22 9:45 PM	GOOD	Y	W	RAIN	1.24	8/19/22	08/23/22	8/22/22 9:45 PM	8/22/22 10:00 PM	8/22/22 9:45 PM	8/22/22 10:00 PM	0:15	646.52	9687.80	Data from flow meter
			8/29/22 6:30 PM	GOOD	Y	W	RAIN	1.96	8/29/22	8/31/22	8/29/22 6:30 PM	8/30/22 8:30 PM	8/30/22 6:45 PM	8/29/22 9:30 PM	2:45	227.53	37542.45	Data from flow meter
			8/2/2022 12:15 AM	GOOD	Y	W	RAIN	0.77	8/1/22	8/2/22	8/2/22 12:15 AM	8/2/22 12:30 AM	8/2/22 12:30 AM	8/2/22 12:30 AM	0:15	108.6	1629.00	Data from flow meter
			8/4/22 2:30 PM	GOOD	Y	W	RAIN	4.5	8/4/22	08/07/22	8/4/22 2:30 PM	8/4/22 4:30 PM	8/4/22 4:30 PM	8/4/22 4:30 PM	2:00	359.05	43096.00	Data from flow meter
			8/5/22 12:00 PM	GOOD	Y	W	RAIN	4.5	8/4/22	8/7/22	8/5/22 12:00 PM	8/6/22 4:15 AM	8/6/22 4:15 AM	8/6/22 4:15 AM	9:45	276.98	162033.30	Data from flow meter
019	S. Henry Ave.	Tygart Valley River	8/1/2022 8:45 PM	GOOD	Y	W	RAIN	3.01	8/10/22	8/13/22	8/10/22 4:00 PM	8/11/22 7:30 AM	13:00	278.89	217534.20	Data from flow meter		
			8/10/2022	GOOD	Y	W	RAIN	3.01	8/10/22	08/13/22	8/10/22 4:00 PM	8/11/22 3:15 AM	8/11/22 3:15 AM	8/11/22 3:15 AM	4:00	139.75	33540.00	Data from flow meter
			8/14/22 4:30 PM	GOOD	Y	W	RAIN	0.94	8/14/22	08/17/22	8/14/22 4:30 PM	8/14/22 5:45 PM	8/14/22 5:45 PM	8/14/22 5:45 PM	1:15	248.32	18624.00	Data from flow meter
			8/19/22 2:45 PM	GOOD	Y	W	RAIN	1.24	8/19/22	8/23/22	8/19/22 2:45 PM	8/20/22 6:15 PM	8/20/22 6:15 PM	8/20/22 6:15 PM	0:30	326.52	30445.50	Data from flow meter
			8/20/22 5:45 PM	GOOD	Y	W	RAIN	1.24	8/19/22	08/23/22	8/20/22 5:45 PM	8/22/22 10:00 PM	8/22/22 10:00 PM	8/22/22 10:00 PM	0:15	69.32	1039.80	Data from flow meter
			8/22/22 9:45 PM	GOOD	Y	W	RAIN	1.24	8/19/22	08/23/22	8/22/22 9:45 PM	8/29/22 7:00 PM	8/29/22 7:00 PM	8/29/22 7:00 PM	0:15	331.76	4976.40	Data from flow meter
			8/29/22 6:45 PM	GOOD	Y	W	RAIN	1.96	8/29/22	08/31/22	8/29/22 6:45 PM	8/30/22 8:15 PM	8/30/22 8:15 PM	8/30/22 8:15 PM	2:45	293.77	48472.05	Data from flow meter
			8/30/22 11:15 AM	GOOD	Y	W	RAIN	1.96	8/29/22	08/31/22	8/30/22 11:15 AM	8/30/22 11:15 AM	8/30/22 11:15 AM	8/30/22 11:15 AM	11:00	379.52	250483.20	Data from flow meter
			8/2/2022 12:30 AM	GOOD	Y	W	RAIN	0.77	8/1/22	8/2/22	8/2/22 12:30 AM	8/2/22 1:00 AM	8/2/22 1:00 AM	8/2/22 1:00 AM	0:30	254.18	7625.40	Data from flow meter
			8/4/22 2:30 PM	GOOD	Y	W	RAIN	4.5	8/4/22	08/07/22	8/4/22 2:30 PM	8/4/22 4:30 PM	8/4/22 4:30 PM	8/4/22 4:30 PM	2:00	408.59	49030.80	Data from flow meter
			8/5/2022	GOOD	Y	W	RAIN	4.50	8/4/22	8/7/22	8/5/22 12:00 PM	8/5/22 10:15 PM	8/5/22 10:15 PM	8/5/22 10:15 PM	10:15	492.24	302727.60	Data from flow meter
			8/10/22 6:15 PM	GOOD	Y	W	RAIN	3.01	8/10/22	8/13/22	8/10/22 6:15 PM	8/11/22 7:45 AM	8/11/22 7:45 AM	8/11/22 7:45 AM	10:15	426.04	262014.60	Data from flow meter
8/11/2022	GOOD	Y	W	RAIN	3.01	8/10/22	8/13/22	8/11/2022	8/11/22 3:00 AM	8/11/22 3:00 AM	8/11/22 3:00 AM	3:15	366.83	71531.85	Data from flow meter			
8/14/22 4:45 PM	GOOD	Y	W	RAIN	0.94	8/14/22	08/17/22	8/14/22 4:45 PM	8/14/22 5:30 PM	8/14/22 5:30 PM	8/14/22 5:30 PM	0:45	215.88	9714.60	Data from flow meter			
8/15/22 12:15 PM	GOOD	Y	W	RAIN	0.94	8/14/22	08/17/22	8/15/22 12:15 PM	8/15/22 5:45 PM	8/15/22 5:45 PM	8/15/22 5:45 PM	3:30	42737.10	42737.10	Data from flow meter			
8/29/22 6:45 PM	GOOD	Y	W	RAIN	1.96	8/29/22	8/31/22	8/29/22 6:45 PM	8/29/22 9:30 PM	8/29/22 9:30 PM	8/29/22 9:30 PM	2:45	227.53	37542.45	Data from flow meter			
8/30/22 11:15 AM	GOOD	Y	W	RAIN	1.96	8/29/22	08/31/22	8/30/22 11:15 AM	8/30/22 11:15 AM	8/30/22 11:15 AM	8/30/22 11:15 AM	11:00	379.52	250483.20	Data from flow meter			
Monthly Precipitation		12.42in																
Total Estimated Monthly Discharge		20736042.10																
Wet Weather Events: 13		Dates: 8/1 8/4 8/5 8/10 8/11 8/14 8/15 8/19 8/20 8/21 8/22 8/29 8/30																
Dry Weather Events: 0		Dates:																
Events Summary		Total Events: 13																

CITY OF ELKINS
Permit # WV0020028
Monthly CSO Inspection/Discharge Report
SEPTEMBER 2022

Outfall #	Location	Receiving Stream	Inspection Date/Time	Backflow Device	Signs Regulator	General Curium	Discharge Y/N	W/D	Cause	Precipitation			Discharge		Est. Duration Hrs/Min	Est. Flow GPM	Est. Total Flow	Comments or Corrective Action	Operator
										Start Date	Stop Date	Estimated Start Date/Time	Estimated Stop Date/Time						
002	Barron Ave.	Tygart Valley River	9/5/2022 10:45 AM	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.40	9/5/22	9/8/22	9/5/22 10:45 AM	9/6/22 12:00 PM	11:00	137.22	90565.2	Data from flow meter	JJ
			9/7/22 10:15 AM	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.4	9/5/22	09/08/22	9/7/22 10:15 AM	9/7/22 3:45 PM	5:30	241.37	79682.1	Data from flow meter	JJ
			9/12/2022	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.55	9/11/22	9/13/22	9/12/22 7:30 AM	9/12/22 9:15 AM	1:45	260.56	27358.8	Data from flow meter	JJ
			9/25/22 11:30 AM	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.27	9/25/22	9/26/22	9/25/22 11:30 AM	9/25/22 11:30 AM	0:01	173.89	173.89	Data from flow meter	JJ
004	Henry Ave.	Tygart Valley River	9/5/2022 9:30 AM	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.40	9/5/22	9/8/22	9/5/22 9:30 AM	9/8/22 2:15 PM	46:15	289.53	803445.75	Data from flow meter	JJ
			9/10/2022	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.55	9/10/22	9/13/22	9/10/22 8:00 AM	9/10/22 10:00 PM	2:00	249.17	29900.4	Data from flow meter	JJ
			9/12/22 7:00 AM	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.55	9/10/22	9/13/22	9/12/22 7:00 AM	9/12/22 12:00 PM	2:45	376.34	62096.1	Data from flow meter	JJ
			9/19/2022	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.15	9/19/22	9/20/22	9/19/22 12:15 PM	9/19/22 12:30 PM	0:15	12.8	192	Data from flow meter	JJ
			9/22/22 6:30 AM	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.21	9/22/22	09/22/22	9/22/22 6:30 AM	9/22/22 9:15 AM	1:15	79.19	5939.25	Data from flow meter	JJ
			9/25/22 11:15 AM	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.27	9/25/22	09/26/22	9/25/22 11:15 AM	9/25/22 11:45 AM	0:30	489.33	14679.9	Data from flow meter	JJ
005	Kerens Ave.	Tygart Valley River	9/27/22 7:00 PM	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.23	9/27/22	9/28/22	9/27/22 7:00 PM	9/27/22 7:30 PM	0:30	418.05	12541.5	Data from flow meter	JJ
			9/7/2022	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.40	9/5/22	9/8/22	9/7/22 10:00 AM	9/7/22 10:15 PM	7:45	375.49	174602.85	Data from flow meter	JJ
			9/10/22 8:15 PM	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.55	9/10/22	9/13/22	9/10/22 8:15 PM	9/10/22 9:00 PM	0:45	113.4	5103	Data from flow meter	JJ
			9/12/2022	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.55	9/10/22	9/13/22	9/12/22 7:00 AM	9/12/22 8:30 AM	1:30	337.04	30333.6	Data from flow meter	JJ
006	Davis Ave.	Tygart Valley River	9/25/22 11:15 AM	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.27	9/25/22	09/26/22	9/25/22 11:15 AM	9/25/22 11:45 AM	0:30	192.38	5771.4	Data from flow meter	JJ
			9/27/22 7:00 PM	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.23	9/27/22	09/28/22	9/27/22 7:00 PM	9/27/22 7:30 PM	0:30	134.29	4028.7	Data from flow meter	JJ
			9/28/22 7:15 PM	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.23	9/27/22	9/28/22	9/28/22 7:15 PM	9/28/22 11:45 PM	2:00	428.28	33.6	Data from flow meter	JJ
			9/5/2022 10:30 AM	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.40	9/5/22	9/8/22	9/5/22 10:30 AM	9/5/22 3:30 PM	1:00	345.21	20712.6	Data from flow meter	JJ
007	RR Ave./1st Street	Tygart Valley River	9/5/2022 3:00 PM	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.40	9/5/22	9/8/22	9/5/22 3:00 PM	9/5/22 3:00 PM	0:01	183.88	183.88	Data from flow meter	JJ
			9/5/2022 10:00 AM	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.40	9/5/22	9/8/22	9/5/22 10:00 AM	9/5/22 10:15 PM	2:30	998.87	149830.5	Data from flow meter	JJ
			9/7/22 10:15 AM	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.4	9/5/22	09/08/22	9/7/22 10:15 AM	9/7/22 12:30 PM	1:15	782.59	58694.25	Data from flow meter	JJ
			9/12/2022	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.55	9/10/22	9/13/22	9/12/22 7:15 AM	9/12/22 7:45 AM	0:30	673.09	20192.7	Data from flow meter	JJ
008	Worth Ave.	Tygart Valley River	9/5/2022 10:45 AM	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.40	9/5/22	9/8/22	9/5/22 10:45 AM	9/5/22 3:00 PM	0:01	183.88	183.88	Data from flow meter	JJ
			9/7/22 10:15 AM	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.4	9/5/22	09/08/22	9/7/22 10:15 AM	9/7/22 12:30 PM	1:15	782.59	58694.25	Data from flow meter	JJ
			9/12/2022	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.55	9/10/22	9/13/22	9/12/22 7:15 AM	9/12/22 7:45 AM	0:30	673.09	20192.7	Data from flow meter	JJ
			9/27/22 6:45 PM	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.23	9/27/22	09/28/22	9/27/22 6:45 PM	9/27/22 7:00 PM	0:15	20	300	Data from flow meter	JJ

011	Mt. View Dr.	Tygart Valley River	9/5/2022 1:30 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.40	9/5/22	9/6/22	9/5/22 1:30 PM	9/6/22 1:30 AM	7:30	3.71	1669.5	Data from flow meter	JJ
			9/7/22 11:30 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.4	9/5/22	09/08/22	9/7/22 11:30 PM	9/7/22 11:30 PM	0:01	0.02	0.02	Data from flow meter	JJ
016	R.R. Ave./John Street	Tygart Valley River																	No wet weather data available due to faulty flow meter	JJ
017	S. Davs Ave.	Tygart Valley River																	No wet weather data available due to faulty flow meter	JJ
018	S. Kerens Ave.	Tygart Valley River	9/5/2022 10:15 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.40	9/5/22	9/6/22	9/5/22 10:15 AM	9/5/22 11:00 PM	2:45	310.59	51247.35	Data from flow meter	JJ
			9/7/22 10:15 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.4	9/5/22	09/08/22	9/7/22 10:15 AM	9/7/22 12:45 PM	1:15	145.19	10889.25	Data from flow meter	JJ
			9/25/2022	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.27	9/25/22	9/26/22	9/25/22 11:15 AM	9/25/22 11:30 AM	0:15	273.42	4101.3	Data from flow meter	JJ
019	S. Henry Ave.	Tygart Valley River	9/5/2022 3:00 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.40	9/5/22	9/6/22	9/5/22 3:00 PM	9/5/22 3:45 PM	0:45	308.38	13877.1	Data from flow meter	JJ
			9/7/22 10:30 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.4	9/5/22	09/08/22	9/7/22 10:30 AM	9/7/22 11:15 AM	0:45	136.71	6151.95	Data from flow meter	JJ
			9/12/22 7:30 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.55	9/10/22	9/13/22	9/12/22 7:30 AM	9/12/22 7:45 AM	0:15	34.99	524.85	Data from flow meter	JJ
			9/25/2022	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.27	9/25/22	9/26/22	9/25/22 11:15 AM	9/25/22 11:15 AM	0:01	49.02	49.02	Data from flow meter	JJ
020	Flood Control Road	Tygart Valley River	9/5/2022 3:00 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.40	9/5/22	9/6/22	9/5/22 3:00 PM	9/5/22 3:45 PM	0:45	331.7	14926.5	Data from flow meter	JJ
			9/26/22 7:30 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	D	POWER FAILURE	0.27	9/25/22	09/26/22	9/25/22 7:30 AM	9/26/22 8:30 AM	1:00	255.06	15303.6	Data from flow meter	JJ
Monthly Precipitation		2.84in																		
Total Estimated Monthly Discharge		1728238.00																		
Events Summary		Wet Weather Events: 7		Dates: 9/5 9/10 9/12 9/19 9/22 9/25 9/27																
		Dry Weather Events: 1		Dates: 9/26																
		Total Events: 8																		

Semi-Annual Plant Flow per CSO Discharge Event
2nd Quarter 2022

Event Period	Outfalls Affected	Precipitation	Event Dates	Plant Influent Flow	Plant Effluent Flow
4/6/2022	004,005,016	0.50	4/6/2022	4,838,698	3,147,900
4/18-4/19/2022	004,005,016	0.77	4/18- 4/19/2022	4,112,282 3,668,663	2,949,200 2,387,000
5/3-5/4/2022	002,004,005, 008,009,011, 016,017,020	0.96	5/3-5/4/2022	3,242,226 3,728,660	2,492,200 2,742,900
5/6-5/9/2022	002,003,004, 005,006,008, 009,011,016, 017,018,019, 020,	2.65	5/6-5/7-5/8- 5/9/2022	7,199,164 7,978,934 6,217,548 3,475,004	5,677,000 5,020,000 4,269,000 2,365,000
5/23/2022	004,005,006, 008,011	0.96	5/23/2022	4,799,808	3,592,000
5/27/2022	002,003,004, 005,006,007, 008,009,011, 019,020	0.86	5/27/2022	6,278,938	4,841,100
6/2-6/3/2022	002,004,005, 006,008,018, 019,	0.50	6/2-6/3/2022	2,516,720 1,889,369	1,810,100 1,449,000
6/7-6/9/2022	002,004,005, 006,008,011, 018,019,020,	1.03	6/7-6/8- 6/9/2022	1,634,605 2,906,726 2,158,940	1,124,000 2,113,000 1,569,800
6/11-6/12/2022	002,004,005, 006,008	0.56	6/11- 6/12/2022	2,976,303 2,868,151	2,123,000 2,062,000
6/14-6/15/2022	002,003,004, 005,006,007, 008,011,018, 019,020	0.91	6/14- 6/15/2022	5,429,751 3,845,095	4,077,100 2,785,900
6/17/2022	004,005,006, 008,018	0.09	6/17/2022	2,288,759	1,626,000
6/22-6/23/2022	002,003,004, 005,006,007, 008,009,011, 018,019,020	2.24	6/22- 6/23/2022	4,090,972 5,368,262	275,900 260,000
6/27/2022	002,004,005, 006,008,020	0.51	6/27/2022	3,337,054	283,900

NOTE: Experienced Issues with Effluent Flow Meter-Flow Data is Inaccurate (WLH)

Semi-Annual Plant Flow per CSO Discharge Event
3rd Quarter 2022

Event Period	Outfalls Affected	Precipitation	Event Dates	Plant Influent Flow	Plant Effluent Flow
7/5-7/7/2022	002,004,005, 006,007,008, 018,019,020	0.91	7/5-7/6- 7/7/2022	1,142,707 728,275 1,601,856	845,900 381,100 863,000
7/8-7/10/2022	002,003,004, 005,006,007, 008,009,011, 018,019,020	1.15	7/8-7/9- 7/10/2022	2,967,459 4,853,946 2,585,151	2,314,900 4,385,000 1,630,100
7/12-7/13/2022	006	0.15	7/12- 7/13/2022	1,988,153	1,076,900
7/17-7/19/2022	002,003,004, 005,006,007, 008,011,018, 019,	1.24	7/17-7/18- 7/19/2022	1,942,754 3,832,698	748,800 2,298,100
7/21/2022	005	0.05	7/21/2022	1,901,710	1,901,710
7/22-7/23/2022	007	0.08	7/22- 7/23/2022	1,610,651 1,580,847	1,610,651 1,580,847
7/23-7/29/2022	002,004,005, 006,007,008, 011,018,019, 020,	2.20	7/23-7/24- 7/25-7/26- 7/27-7/28- 7/29/2022	1,580,847 1,345,347 1,800,754 3,689,935 4,468,367 2,837,105 4,008,647	1,580,847 1,345,347 1,800,754 3,689,935 5,220,900 2,750,000 4,049,100
8/1-8/2/2022	002,004,005, 006,008,009, 018,019,020	0.77	8/1-8/2/2022	3,712,833 3,878,186	3,774,900 3,960,000
8/4-8/7/2022	002,003,005, 006,007,008, 009,011,018, 019,020	4.50	8/4-8/5-8/6- 8/7/2022	4,725,782 6,983,082 4,965,352 3,278,462	5,029,100 7,809,100 5,144,000 3,105,000
8/10-8/13/2022	002,003,004, 005,006,007, 008,011,018, 019,020	3.01	8/10-8/11- 8/12- 8/13/2022	8,095,507 12,212,536 10,906,890 9,723,614	6,306,900 8,213,100 5,520,000 3,362,100
8/14-8/17/2022	002,004,005, 006,007,008, 011,018,019, 020,	0.94	8/14-8/15- 8/16- 8/17/2022	10,476,210 10,596,211 10,038,471 9,320,437	4,391,800 5,161,100 4,099,900 2,792,000
8/19-8/23/2022	002,003,004, 005,006,007, 008,018,019	1.24	8/19-8/20- 8/21-8/22- 8/23/2022	9,814,010 9,963,143 10,108,891 10,347,139 9,712,494	3,149,900 3,293,900 3,568,100 4,032,000 3,175,000
8/29-8/31/2022	002,003,004, 005,006,007, 008,011,018, 019,020	1.96	8/29-8/30- 8/31/2022	9,058,972 11,290,792 9,874,510	2,789,100 6,696,000 4,104,000

NOTE: Experienced Issues with Effluent Flow Meter-Flow Data is Inaccurate (WLH)
NOTE: Influent Flows Inaccurate due to Issues with Elkins Flow Meter (WLH)
NOTE: Effluent Flow Meter Down-Flows Estimated from Influent Flows (WLH)

9/5-9/8/2022	002,004,005, 006,007,008, 011,018,019, 020,	1.40	9/5-9/6-9/7- 9/8/2022	11,177,137 10,480,207 10,495,817 9,487,063	5,918,900 4,947,000 4,829,100 3,433,800
9/10-9/13/2022	002,004,005, 006,008,019	0.55	9/10-9/11- 9/12- 9/13/2022	9,059,341 8,802,025 9,626,238	2,619,100 2,117,900 3,112,100
9/19-9/20/2022	004	0.15	9/19- 9/20/2022	8,226,466 8,204,221	2,008,100 1,515,100
9/22/2022	004	0.21	9/22/2022	8,560,259	1,931,200
9/25-9/26/2022	002,004,005, 006,018,019, 020,	0.27	9/25- 9/26/2022	8,129,293 7,998,784	1,459,000 1,200,000
9/27-9/28/2022	004,005,006	0.23	9/27- 9/28/2022	8,408,526 8,073,442	1,864,000 1,498,000

ELKINS WASTEWATER SPILL REPORT

SPILL PHONE NUMBER 1-800-642-3074

WDEP Reference Number: 42-28499A, 42-28499B, 42-28499C, 42-28499D

SPILL START	SPILL CORRECTED
DATE: 6/29/22	DATE: 7/1/22
TIME: 12:00 AM	TIME: 11:45 PM
REPORTED TO WDEP	REPORTED TO WDEP
PERSONNEL REPORTING: Mike Currence	PERSONNEL REPORTING: Mike Currence
DATE: 7/26/22	DATE: 7/26/22
TIME: 1:16 PM	TIME: 1:16 PM

LOCATION: Outfalls (003, Cherokee St)(016, S. Railroad Ave)(017, S. Davis Ave)(018, S. Kerens Ave)
FLOW TO STREAM? Unknown
NAME OF STREAM: Tygart Valley River
TYPE OF MATERIAL SPILLED: Sewage
CAUSE: Unknown. Suspected faulty data
AMOUNT OF SPILL: Unknown
DURATION OF SPILL: Unknown

CORRECTIVE ACTION TO STOP:
CORRECTIVE ACTION TO PREVENT FUTURE SPILLS: Checked Cherokee Lift Station for proper operation.

COMMENTS: This report is the result of a review of flow meter data. The City is not confident that the data is accurate. Discharge was not physically observed, but data indicating possible intermittent discharges was recorded on flow meters. Flow meters are new and recently installed. These meters are recording both positive and negative flows. The negative recordings have been investigated to know that there was no backflow from the river. The lift station that could have failed and resulted in a discharge from any of the affected outfalls has been checked and found to be operating properly. These investigations indicate a possible calibration issue with the meters. Therefore it has not been determined that the positive recordings are accurate. The City is going to recalibrate the flow meters to try to eliminate any false recordings.

SIGNATURE OF PERSON REPORTING:	SIGNATURE OF CERTIFIED OPERATOR:
DATE: 7/26/22	DATE:

A signed copy is available on request

ELKINS WASTEWATER SPILL REPORT

SPILL PHONE NUMBER 1-800-642-3074

WVDEP Reference Number: 42-26313

SPILL CORRECTED	DATE: 5/7/22	TIME: 8:00 PM
REPORTED TO WDEP	DATE: 5/9/22	TIME: 8:55 AM
PERSONNEL REPORTING: Mike Currence		

SPILL START	DATE: 5/7/22	TIME: 8:00 AM
REPORTED TO WDEP	DATE: 5/9/22	TIME: 8:55 AM
PERSONNEL REPORTING: Mike Currence		

LOCATION: 207 Sylvester Dr.
FLOW TO STREAM? Yes
NAME OF STREAM: Tygart Valley River
TYPE OF MATERIAL SPILLED: Sewage
CAUSE: Sewer main became overloaded due to rain, causing a manhole to overflow onto the ground which then flowed with additional storm water to the river
AMOUNT OF SPILL: Unknown
DURATION OF SPILL: Estimated 12 hours, intermittently

CORRECTIVE ACTION TO STOP: As flow dropped off due to rain stopping, line drained out.
CORRECTIVE ACTION TO PREVENT FUTURE SPILLS: Engineers for the City are reviewing possible solutions including rerouting a force main that pumps directly into the line, replacing lines in the area served by that pump station to eliminate it. Also, dug up force main line to verify type of tie-in to see if it could be changed.

COMMENTS: Notified by homeowner on 5/8/22. Homeowner advised overflow occurred on 5/7/22. Received three inches of rainfall over approximately thirty hours. Main line became overloaded with flow from rain in addition to flow from two lift stations that also pump into the main line. Discharge was likely intermittent from the manhole and only when lift station pumps were running. Residual debris in the area was cleaned up. Duration estimate is based on information provided by homeowner and approximate time of rain stoppage.
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SIGNATURE OF PERSON REPORTING:	DATE: 5/9/22
SIGNATURE OF CERTIFIED OPERATOR:	DATE: 5/9/22

A signed copy is available on request!

ELKINS WASTEWATER SPILL REPORT

SPILL PHONE NUMBER 1-800-642-3074

WVDEP Reference Number: 42-27038

SPILL CORRECTED	DATE: 6/23/22	TIME: 2:00 AM
REPORTED TO WVDEP	DATE: 6/23/22	TIME: 7:51 AM
PERSONNEL REPORTING: Mike Currence		

SPILL START	DATE: 6/22/22	TIME: 9:00 PM
REPORTED TO WVDEP	DATE: 6/23/22	TIME: 7:51 AM
PERSONNEL REPORTING: Mike Currence		

LOCATION: 207 Sylvester Dr.
FLOW TO STREAM? Yes
NAME OF STREAM: Tygart Valley River
TYPE OF MATERIAL SPILLED: Sewage
CAUSE: Sewer main became overloaded due to rain, causing a manhole to overflow onto the ground which then flowed with additional storm water to the river
AMOUNT OF SPILL: Unknown
DURATION OF SPILL: Estimated 5 hours

CORRECTIVE ACTION TO STOP: As flow dropped off due to rain stopping, line drained out.
CORRECTIVE ACTION TO PREVENT FUTURE SPILLS: Engineers for the City are reviewing possible solutions including rerouting a force main that pumps directly into the line or replacing lines in the area served by that pump station to eliminate it.

COMMENTS: Area received 2.47" precipitation, most within a few hours, from heavy thunderstorm. Main line became overloaded with flow from rain in addition to flow from two lift stations that also pump into the main line. Residual debris in the area was cleaned up. Duration estimate is based on approximate start and stop time of rain.
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SIGNATURE OF PERSON REPORTING:	DATE: 6/23/22
SIGNATURE OF CERTIFIED OPERATOR:	DATE: 6/27/22

A signed copy is available on request

ELKINS WASTEWATER SPILL REPORT

SPILL PHONE NUMBER 1-800-642-3074

WVDEP Reference Number: 42-28713

SPILL CORRECTED	DATE: 8/5/22	TIME: 4:00 PM
REPORTED TO WVDEP	DATE: 8/5/22	TIME: 5:00 PM
PERSONNEL REPORTING: Mark Hartley		

SPILL START	DATE: 8/5/22	TIME: 1:30 PM
REPORTED TO WVDEP	DATE: 8/5/22	TIME: 5:00 PM
PERSONNEL REPORTING: Mark Hartley		

LOCATION: 207 Sylvester Dr.
FLOW TO STREAM? Yes
NAME OF STREAM: Tygart Valley River
TYPE OF MATERIAL SPILLED: Sewage
CAUSE: Sewer main became overloaded due to rain, causing a manhole to overflow onto the ground which then flowed with additional storm water to the river
AMOUNT OF SPILL: Unknown
DURATION OF SPILL: Estimated 2 1/2 hours

CORRECTIVE ACTION TO STOP: As flow dropped off due to rain stopping, line drained out.
CORRECTIVE ACTION TO PREVENT FUTURE SPILLS: Engineers for the City are reviewing possible solutions including rerouting a force main that pumps directly into the line or replacing lines in the area served by that pump station to eliminate it.

COMMENTS: Area received 1.97" precipitation at time of reported discharge with a total precipitation of 4.21" from 8/4 - 8/5 from heavy rain/thunderstorms. Main line became overloaded with flow from rain in addition to flow from two lift stations that also pump into the main line. Residual debris in the area was cleaned up. Duration estimate is based on approximate start and stop time of rain. Cleaned up residual debris.

SIGNATURE OF PERSON REPORTING:	DATE: 8/8/22
SIGNATURE OF CERTIFIED OPERATOR:	DATE: 8/8/22

Assigned copy is available on request

ELKINS WASTEWATER SPILL REPORT

SPILL PHONE NUMBER 1-800-642-3074

WVDEP Reference Number: 42-28803

SPILL CORRECTED	DATE: 8/11/22	TIME: 7:00 AM
REPORTED TO WDEP	DATE: 8/11/22	TIME: 5:00 PM
PERSONNEL REPORTING: Mark Harthey		

SPILL START	DATE: 8/10/22	TIME: 7:00 PM
REPORTED TO WDEP	DATE: 8/11/22	TIME: 5:00 PM
PERSONNEL REPORTING: Mark Harthey		

LOCATION: 207 Sylvester Dr.
FLOW TO STREAM? Yes
NAME OF STREAM: Tygart Valley River
TYPE OF MATERIAL SPILLED: Sewage
CAUSE: Sewer main became overloaded due to rain, causing a manhole to overflow onto the ground which then flowed with additional storm water to the river.
AMOUNT OF SPILL: Unknown
DURATION OF SPILL: Estimated 12 hours

CORRECTIVE ACTION TO STOP: As flow dropped off due to rain stopping, line drained out.
CORRECTIVE ACTION TO PREVENT FUTURE SPILLS: Engineers for the City are reviewing possible solutions including rerouting a force main that pumps directly into the line or replacing lines in the area served by that pump station to eliminate it.

COMMENTS: Area received 2.21" precipitation throughout the reported duration period from heavy rain. Main line became overloaded with flow from rain in addition to flow from two lift stations that also pump into the main line. Residual debris in the area was cleaned up. Duration estimate is based on approximate start and stop time of rain.
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SIGNATURE OF PERSON REPORTING:	DATE: 8/15/22
SIGNATURE OF CERTIFIED OPERATOR:	DATE: 8/15/22

Assigned copy is available on request

ELKINS WASTEWATER SPILL REPORT

SPILL PHONE NUMBER 1-800-642-3074

WVDEP Reference Number: 42-29563

SPILL CORRECTED	DATE: 9/26/22	TIME: 8:30 AM
REPORTED TO WVDEP	DATE: 9/26/22	TIME: 10:44 AM
PERSONNEL REPORTING: Mike Currence		

SPILL START	DATE: 9/26/22	TIME: 7:30 AM
REPORTED TO WVDEP	DATE: 9/26/22	TIME: 10:44 AM
PERSONNEL REPORTING: Mike Currence		

LOCATION: Outfall # 020 at Flood Control Rd./ Jones Dr.
FLOW TO STREAM? Yes
NAME OF STREAM: Tygart Valley River
TYPE OF MATERIAL SPILLED: Sewage
CAUSE: Lost electric power to lift station # 11 which also tripped phase protectors and breakers in the lift station.
AMOUNT OF SPILL: 15,303 gallons
DURATION OF SPILL: 1 hour

CORRECTIVE ACTION TO STOP: We connected a portable generator to the lift station and trouble shot the controls, resetting phase protectors and breakers. Main power was then restored by Mon Power.
CORRECTIVE ACTION TO PREVENT FUTURE SPILLS: The City has applied for a grant that would provide new permanent stand-by generators for this lift station as well as others that currently rely on the use of older portable generators.

COMMENTS: Amount and duration are as recorded on flow meter on the outfall discharge pipe.

SIGNATURE OF PERSON REPORTING:	DATE: 9/26/22
SIGNATURE OF CERTIFIED OPERATOR:	DATE:

A signed copy is available on request

**CITY OF ELKINS
WASTEWATER COLLECTION
COMPLAINANT SUMMARY
2nd Quarter 2022**

DATE	ADDRESS	Complainant	COMPLAINT	CAUSE	CORRECTIVE ACTION	OPERATOR(S)
4/1/22	1305 Livingston Ave.		Sewer working slow	Unknown, no one home	Checked main line and it was OK Used Vector Truck to clean their tap. Cleaned 100'. Televised tap, could only get camera in 45'. It stopped under the floor	JT, JR
4/6/22	305 3rd St.	DiBella's Bar	Sewer odor	Possible blockage in tap	Used Vector Truck to clean main line 118' No cleanout. Checked main line and it was OK. Advised resident to call a plumber	MH, RT, JT
4/7/22	252 Diamond St.		Water in basement	Rain	Used Vector Truck to clean main line 118'	RT, JT, JR
4/8/22	1305 Livingston Ave.		Sewer working slow	Unknown	Used Vector Truck to clean main line 380'. Televised tap and found it is bad on property owner	MH, JT, JR
4/14/22	1512 S. Henry Ave.		Sewer problem	Tap bad	Used Vector Truck to clean tap	TH, JT, JR
4/18/22	City Park	Tom Tesar	Bathroom sewer backed up	Blockage in tap	Used Vector Truck to clean tap	RT, JT, JR, GH
4/19/22	105 Ellis Ave.		Sewer plugged	Blockage in tap	Used Vector Truck to clean tap	RT, JT
4/20/22	201 Whiteham Ave.		Sewer plugged	Possible main line blockage	Used Vector Truck to clean main line	RT, JT, JR, GH
4/25/22	110 Oak St.	Seth Pratt	Sewer plugged	Main line blockage	Used Vector Truck to clean main line	RT, GH
4/26/22	201 Washington Ave.		Sewer plugged	Blockage in tap	Used Vector Truck to clean tap. Cleaned 40'. Resident had replaced his line. We cleaned the tap with the Vector Truck. We then replaced the tap to the main	RT, GH
4/26/22	20 Baxter St.	Kenneth Teler	Sewer plugged	Blockage in tap		MH, TH, RT, GH
4/28/22	401 Davis Ave.		Sewer plugged	Blockage in tap	City Hall. Used Vector Truck to unplug tap	MH, TH, GH
5/3/22	1730 S. Davis Ave.	Brad Curtis	Sewer odor	Unknown	No cleanout. Checked main line and it was OK.	RT, JT, JR
5/4/22	Washington Ave.	Shawn Akers	Manhole overflowing	Main line blockage	Used Vector Truck to clean main line. Cleaned 130'	MH, JT, JR, GH
5/6/22	201 Whiteham Ave.		Sewer plugged	Possible main line blockage	Used Vector Truck to clean main line	MH, JT, JR, GH
5/6/22	1001 S. Davis Ave.	Budweiser Plant	Drain plugged	Sediment in line	Used Vector Truck to clean drain	MH, JT, JR, GH
5/8/22	316 Buffalo St.		Basement flooded	Rain	No one home, no cleanout. Checked main line and it was OK	MH, JT, JR
5/8/22	207 Sylvester Dr.	Herman Thompson	Manhole overflowed	Rain	Used Vector Truck to clean up debris from overflow	MH, JT, JR
5/9/22	128 Delaware Ave.		Basement flooded	Rain. Possible blockage in tap	Checked main line and it was OK. Dye test house sewer and dye came into basement. Advised owner to call a plumber and if they can locate the line and if the problem is on the city, we will fix it	MH, MC, JT, JR
5/9/22	318 Buffalo St.		Basement flooded	Rain. Possible blockage in tap	Checked main line and it was OK. Used Vector truck to try to open customer's line. Didn't get it open. Advised owner about possible sewer line in yard and if he gets a plumber and they need us to call.	MH, MC, JT, JR
5/10/22	1512 S. Henry Ave.		Sewer plugged	Possible blockage in tap	Plumber replacing line found tap was plugged. We used vector truck to clean the tap 100'	MH, JT
5/10/22	Riverbend Park		Bathroom sewer backed up	Toilet plugged	Used plunger to unplug toilet	MH, WH
5/11/22	1512 S. Henry Ave.		Sewer plugged	Possible blockage in tap	Used Vector Truck to clean tap 60'	TH, JT, JR
5/12/22	128 Delaware Ave.		Basement flooded	Possible blockage in tap	Dug down in alley looking for tap where plumber said he located it. No line found there. Advised plumber that the line was not there.	MH, JT, JR

5/16/22	128 Delaware Ave.		Basement flooded	Possible blockage in tap	Dye test sewer again and watch manholes for dye to come through. No dye showed up.	JT, JR, GH
5/17/22	128 Delaware Ave.		Basement flooded	Possible blockage in tap	TV main line to look for tap connection. Couldn't get camera to go in line. Dye test sewer again and watch manholes for dye to come through. No dye showed up anywhere. Advised owner to get a plumber to find his line and install a cleanout on it	MH, JT, JR, GH, MC, WH
5/20/22	1 Key St.		Sewer plugged	Blockage in tap	Used Vactor Truck to clean tap 20'	MH, JT, JR, GH
5/20/22	Tygart Valley Mall		Sewer plugged	Possible sewer blockage	We checked and it was a private line	MH, JT
5/20/22	201 Whiteman Ave.		Sewer plugged	Possible main line blockage	Used Vactor Truck to clean main line. TV and locate line. Bear Contracting dug up main line. Found it had settled some. Raised it and compacted stone to keep it from settling	MH, JT, JR, GH
5/24/22	107 Sumner St.		Sewer plugged	Blockage in tap	Used vactor Truck to clean tap to main line. Did not unplug. Problem is on property owner. They are going to dig it up.	MH, JT
5/24/22	110 Maple St.		Sewer plugged	Blockage in tap	Used Vactor Truck to clean tap 20'	MH, JT
5/25/22	128 Delaware Ave.		Basement flooded	Possible blockage in tap	Installed new sewer tap	MH, JT, JR, GH, NY
5/27/22	622 Central St.		Sewer plugged	Blockage in tap	Used Vactor Truck to clean tap 50'	MH, JT, NY
6/1/22	Main St.		Hole in street	Cave in on sewer line	Dug up sewer line and sealed joints	JT, JR, GH, NY
6/3/22	Jack Carr Hill		Unknown	Unknown	Could not locate any problem	JT, JR, GH, NY
6/6/22	201 Whiteman Ave.		Sewer plugged	Possible blockage in tap	Televise and locate tap. Dig on tap and install a cleanout. TV tap to main, it's OK. TV tap toward house and found it is collapsed and broken. Showed resident her line on the monitor. She will have her line replaced.	MH, JT, JR, GH, NY, MC
6/7/22	15th St.	Shawn Akers	Hole in bottom of ditch	Sewer main leaking	Inspected and will schedule repair to sewer main	MC
6/7/22	Oak Crest		Sewage coming out of a cleanout	Sewer main blockage	Used Vactor Truck to clean main line through cleanout	MH, JT, JR, GH, NY
6/8/22	318 Buffalo St.		Discovery of a clay pipe	Plumber digging up sewer line	House is served by an 8" line. We televised it and found it has roots in it. Used Vactor Truck to clean it to remove roots. Couldn't get all the roots out. Line may go to Buffalo Creek. Owner requested a new tap.	JT, JR, MC
6/8/22	Washington Ave. & W. Davis St.	WDNE Radio Station	Sewer odor	Main line blockage	Used Vactor Truck to clean main line.	JT, JR, MC
6/13/22	122 Elm St.	Joe Lambert	Water in basement	Possible blockage in tap	Dye test sewer and it worked OK	JR, NY
6/14/22	Davis Ave.	Tom Conley	Sewer plugged	Possible blockage in tap	Use Vactor Truck to clean tap. Was plugged on property owner	MH, JT, JR, GH, NY
6/16/22	117 Graham St.		Possible sewer blockage	Unknown	No manhole or cleanout to check. TV tap through basement drain. Couldn't get camera to go very far. Advised owner to dig up line and we could then try again.	JT, JR, GH, NY
6/16/22	1st St.		Sewer plugged	Unknown	Used Vactor Truck to clean tap 20'	JT, JR, GH, NY
6/16/22	203 Grant St.		Hole in alley	Possible sewer main leaking	Fill with rock to see if it will stay	MH, JT, JR, GH, NY
6/17/22	S. Railroad Ave.		Broken sewer line	Contractor found	Contractor said they didn't hit the pipe. We repaired it	MH, JT, JR, GH, NY
6/22/22	116 1/2 1st St.	Tyler Farenbach	Sewer plugged	Possible blockage in tap	Used Vactor Truck to clean tap 70'	MH, JT, JR, GH, NY
6/22/22	Wilson St., Sycamore St.		Manhole lids off	Rain	Re-set manhole lids	MH, JT, NY
6/23/22	Elm St.		Manhole lid off	Rain	Re-set manhole lid	JT, GH
6/23/22	317 Davis St.		Basement flooded	Rain	Checked main line and it was OK.	JT, HR, GH, NY
6/23/22	Barron Ave.	Joe Johnson	Lift Station discharging	Rain	Discharge is a wet weather discharge due to runoff for heavy rain	MH, JT, JR, GH, NY
6/24/22	Davis St.		Sewer backed up from rain	Rain	Checked main line and it was OK. Also checked catch basins	JR, NY
6/24/22	317 Davis St.		Sewer odor	Unknown	Checked main line and it was OK.	JT, GH
6/30/22	1107 S. Davis Ave.	Norman Wagner	Sewer working slow	Possible blockage in tap	Used Vactor Truck to clean tap 20'	MH, JT, JR

**CITY OF ELKINS
WASTEWATER COLLECTION
COMPLAINT SUMMARY
3rd Quarter, 2022**

DATE	ADDRESS	COMPLAINANT	COMPLAINT	CAUSE	CORRECTIVE ACTION	OPERATOR(S)
7/1/2022	336 Graham St.	Robbin Spicer	Sewer Problem	Sewer Running Slow	Check Sewer Main An Clean Out Working Fine	MH
7/1/2011	Granny's Lane	City Hall	Sewer Problem	Hole In The Road Were Dave Harper Installed New Sewer Tap	We filled it Full Of Rock	JR NY
7/5/2022	1622 S Davs ave	No Name	Sewer Problem	Sewer Tap Plugged	Used Vactor Truck To Get It Open 75'	MH JT GH
7/5/2022	450 Randolph Ave	Davis Memorial Presbyterian Church	Sewer Problem	Sewer Backing Up When It Rains Hard	Talk To Kevin Taylor He said Basement Was Flooded He Going To Try To Get It Open	MH
7/5/2022	928 S Henry Ave		Sewer Problem	Hole In The Road	We Put 1 1/2 C.R. Rock In The Hole	JT NY
7/12/2022	119 Central St.		Sewer Problem	Sewer Tap Plugged	Used Vactor Truck To Get It Open 50'	MC JT GH NY JR
7/29/2022	32 Factory St.	Larry Hartley	Sewer Problem	Sewer Working Slow	Use Vactor Reuck To Clean Sewer Tap 70'	MH JT NY JR
7/29/2022	707 W Main	No Name	Sewer Problem	Water Laying Around Manhole	We Check Problem Out It Was Ok	JR NY
7/30/2022	420 Center St.	John Harry	Sewer Problem	Sewer Tap Plugged	Use Vactor Reuck To Clean Sewer Tap 60'	MH JT NY
8/4/2022	Yokum St.	Joe Barb	Sewer Problem	Water Laying Beside The Road	It Was A Water Leak We Called Water Dept	MH JR NY GH
8/4/2022	201 Walnut St.	Lisa Ketterman	Sewer Problem	Sewer Backing Up	We Clean Sewer Main 200' & Clean Sewer Tap 100'	MH JT NY JR GH
8/4/2022	343 Balline Ave	No Name	Sewer Problem	Sewer Tap And Sewer Main Plugged	We Clean Sewer Main 200' & Clean Sewer Sewer Tap 25'	MH JR GH NY JT
8/4/2022	405 Glendale Ave	Karen Jones	Sewer Problem	Sewer Tap Plugged	Use Vactor Truck To Get It Open 25'	MH JR JT GH NY
8/5/2022	207 Syvester Dr.	Herman Thompson	Sewer Problem	Sewer Main Over Flow From Manhole Were It Rain Hard	We Use Vactor Truck To Clean Up Sewer	MH JT JR GH NY
8/5/2022	201 Findley St.	No Name	Sewer Problem	Water Getting Into Basement	We Check Main Sewer & Sewer Tap Ok	JR NY GH
8/5/2022	211 Centrail St.	Ron Height	Storm problem	Water Came Off Alley When It Rains Hard	We Turn It Over To Street Dept	MH JT GH
8/9/2022	15th St.	Street Dept	Car Hit A Pot hole	It Was Were Bear Contracting Installed Storm Drain Line	We Put Cold Patch In The Hole Bear Is Post To come Back An Repair It	MH JT JR NY
8/9/2022	122 Youkum St.	Water Dept	Call Out	Emergency Locate	We Locate Our Sewer Tap	JT NY
8/16/2022	106 Sunset Dr.		Storm problem	Water Getting Under House	It Does It When It Rains Hard He Going To Install A Sub Pump	MH MC
8/16/2022	Randolph Ave	Waste Water Dept	Sewer Problem	Sewer Line Full Of Foam	We Televied Sewer Main Problem Is Were State Fill It Full Of Foam	MH JT JR GH NY MC
8/17/2022	227 Evergreen Dr.	No Name	Storm Problem	Water Backing Up In Yard	We Told Them To Run It To Street	MH WH
8/18/2022	113 Chestnut St.	No Name	Sewer Problem	Sewer All Over Back Yard	We Check Main Sewer Main OK No Clean Out	MH JR JT NY GH
9/1/9/2022	11th St.	Elkins Truck Service	Storm Problem	Water Coming Up Out Of Catch Basins	It Rain Hard Street Use Vactor Truck To open	SA LY JY
8/22/2022	202 10th St.	No Name	Sewer Problem	Sewer Tap Plugged	Used Vactor Truck To Get It Open 140'	JT GH JJ
8/22/2022	708 Central St.	Elkins Church Of The Brethren	Sewer Problem	Sewer Coming Up In Backe When It Rains Hard	We Check Clean Out It Was Ok	MH MC JT JR GH
8/29/2022	336 Graham St.	Robin Spicer	Sewer Problem	He Said There Was A low Place In His Yard Were We Dug	Were Going To Take A Load Of Top Soil Over An Drop Off To Him	MH MC
8/30/2022	4 th St.	No Name	Sewer Problem	Basement Flooded	Check Sewer Main It Was Ok No Clean Out	MH JT
8/31/2022	1716 S Davis Ave	No Name	Sewer Problem	Sewer Backing Up In House	We Used Vactor Truck To Get It Open An Got It Stuck Were Going To Dig It Up Tomorrow	MH JR JT NY GH
8/31/2022	310 Davs St.	No Name	Sewer Problem	Basement Flooded	Check Sewer Main It Was Ok No Clean Out	MH JT NY JR GH
9/3/2022	1709 S Davs St.	No Name	Sewer Problem	Sewer Backing Up In House	Check Sewer Main It Was Ok No Clean Out	JT GH JJ
9/7/2022	80 High St.	No Name	Storm Problem	Water Coming Off Hill	When It Rains Hard Nothing We Can Do	JT GH
9/12/2022	359 Beverly Pike	Steer Steakhouse	Sewer Problem	Sewer Backing Up	We Check Main Sewer An Clean Out Ok	MH MC JT NY JR GH
9/16/2022	1707 Limgston Ave	No Name	Sewer Problem	Sewer Backing Up	We Used Vactor Truck To Clean Main 106'	MH NY GH JR JT

**Semi-Annual Equipment Maintenance Summary
2nd Quarter 2022 - 3rd Quarter 2022**

Date	Location	Equipment	Maintenance
4/6/22	31 Jones drive	430 Cat Backhoe	Cleveland Brothers worked on brakes
4/8/22	City Garage	Truck # 25	Gas tank fell off truck called Danny
5/5/22	31 Jones drive	430 Cat Backhoe	Cleveland Brothers changed oil in backhoe
7/8/22	31 Jones drive	5500 Dodge Truck	Put new running boards on truck
7/15/22	31 Jones drive	Truck # 25	Washed truck
7/19/22	City Garage	Truck # 25 & # 15	Danny put inspections stickers on trucks
8/2/22	31 Jones drive	Road Tractor	Installed a new CB radio
9/29/22	31 Jones drive	Truck # 23	Installed new hose reel on vactor truck

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 - WVDDEP 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 - WVDDEP approved the Contract Drawings and Specification.
- 12/6/13 - Army Corps of Engineers issued Nationwide Permit.
- 2/4/14 - WVDDEP issues NPDES Construction Stormwater Permit.
- 3/10/14 - Submitted Clean Water SRF Priority Fact Sheet to WVDDEP
- 4/8/14 - Received Information from WVDDEP 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 WVDDEP
- 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 WVJDC.
- 7/23/14 - Received Bureau for Public Health Permit.
- 8/29/14 - Sent letter to WVJDC Requesting a Clarification on the Binding Commitment Letter.
- 9/9/14 - Sent Letter to WVJDC 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 WVJDC Received.
- 10/9/14 - Lifted the Motion to Toll the Rate Case Associated with the Project.
- 12/17/14 - WVJDC 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 - WVJDC Authorizes Use of Bid Underrun
- 4/15/15 - Pre-Closing for WVJDC Loan
- 4/16/15 - Closing of WVJDC 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 WVD0H 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 WVDOP.
- 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 WVDOP.
- 12/12/18 - Performed additional smoke testing in the Teaberry Hills section of the City.
- 1/19/19 - Submitted revised Facilities Plan to the WVDOP 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 WVDOP 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 WVDOP.
- 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 WVDOP.
- 7/23/19 – Soil borings were collected throughout the project area.
- 8/1/19 – Received comments from WVDOP on the project.
- 8/8/19 – Received comments from WVDOP 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 WVDOP.
- 9/5/19 – Received geotechnical report on the project area.
- 9/16/19 – Received approval for the NPDES Construction Stormwater Permit to WVDOP.
- 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 – WVDOP 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 – WVDOP issues binding commitment for SRF loan.
- 8/4/20 – WVDOP 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 WVDDEP 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 WVDDEP.
- 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 WVDDEP.
- 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.