

City of Elkins

Semi-Annual

CSO Summary Report

NPDES Permit No. WV0020028

Report Certification:

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

X

Whitney L. Hymes

Signature of Authorized Representative

X

10/17/2023

Date

X

Whitney L. Hymes

Printed Name of Authorized Representative

X

Wastewater Superintendent / Chief Operator

Title of Authorized Representative

**Attachment A
CSO Summary Report**

**CSO Community: City of Elkins
Reporting Period: 2nd and 3rd Quarter of 2023
Prepared By: Joe Johnson
Date Submitted: 10/17/23**

Comments on Nine Minimum Controls activity during the past reporting period

- 1) O&M Plan- Line maintenance included: cleaned 12 main lines for approximately 2262ft. Cleaned/unplugged 25 sewer taps, installed four new sewer taps repaired four sewer taps. Put in one new cleanout. 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 5 call-outs, responded to 6 locate requests, and 10 emergency locates maintained equipment, and assisted other departments and outside agencies on 8 occasions. Weekly safety meetings continue. We all had class Managing Excavation Hazards OSHA with the W,V Extension Service. 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 2023 and will be published again in the second quarter of 2024. 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-28

11) Estimated duration of CSO discharge (gallons or time)- Duration for the period was a total of 2082 hrs and 39 mins. However, flow was intermittent over that period. Total flow from the CSOs is estimated at 43,711,945.17 gallons. Duration and flow was recorded on fourteen flow meters. Total precipitation for the reporting period was 31.82" in.

12) Number of CSO wet weather events YTD- There have been 45 wet weather events in the 1st 2nd and 3rd quarter of 2023.

Dry Weather Events

13) Number of CSO dry weather events that occurred during the last reporting period-3

14) Date(s) of dry weather event(s) 4/18, 7/11-7/13, 9/29

15) Cause(s) of the discharge(s) Checked regulator structure for restrictions Pumps got plugged do to power failure.

16) Summarize actions taken to flush, recover or treat residual material-no action required.

17) Corrective action taken to prevent re-occurrence- Ongoing CSO maintenance which includes inspections of CSO structures as well as review of flow meter data.

18) Number of CSO dry weather events occurred YTD-4

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.

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 and treatment plant.

25) Has annual newspaper notification been published? The 2023 ad was published in the second quarter of 2023 and the 2024 ad will be published in the second quarter of 2024.

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
April 2023

Outfall #	Location	Receiving Stream	Inspection Date/Time	Backflow Device	Signs/Regulator	General Comments	Discharge Y/N	WD	Cause	Precipitation		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
										Est. Amt.	Stop Date							
002	Barron Ave.	Tygart Valley River	4/1/2023 5:00AM	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.40	3/31/23	4/1/23 5:00 AM	4/2/23 8:00 AM	12:15	978.84	719447.40	Data from flow meter	JJ
003	Cherokee Street	Tygart Valley River	4/1/2023 5:15AM	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.40	3/31/23	4/1/23 5:15 AM	4/1/23 6:30 AM	0:30	150.17	4505.10	Data from flow meter	JJ
004	Henry Ave.	Tygart Valley River	4/1/2023 12:00AM	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.4	3/31/23	4/1/23 12:00 AM	4/2/23 3:00 PM	25:45	252.68	390390.60	Data from flow meter	JJ
			4/16/2023 7:15PM	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.22	4/16/23	4/16/23 7:15 PM	4/16/23 8:15 PM	0:30	118.2	3546.00	Data from flow meter	JJ
			4/22/2023 10:15AM	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.33	4/22/23	4/22/23 10:15 AM	4/22/23 10:45 AM	0:15	294.65	4419.75	Data from flow meter	JJ
			4/28/2023 2:00AM	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.72	4/27/23	4/28/23 2:00 AM	4/28/23 8:15 AM	4:30	453.86	122542.20	Data from flow meter	JJ
005	Kerens Ave.	Tygart Valley River	4/1/2023 12:00AM	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.4	3/31/23	4/1/23 12:00 AM	4/2/23 1:00 PM	2:45	208.87	272875.35	Data from flow meter	JJ
			4/16/2023 8:15PM	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.22	4/16/23	4/16/23 8:15 PM	4/16/23 8:15 PM	0:01	196.03	196.03	Data from flow meter	JJ
			4/22/2023 10:15AM	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.33	4/22/23	4/22/23 10:15 AM	4/22/23 10:45 AM	0:30	137.56	4126.80	Data from flow meter	JJ
			4/28/2023 2:00AM	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.72	4/27/23	4/28/23 2:00 AM	4/28/23 8:00 AM	4:00	249.04	59769.60	Data from flow meter	JJ
006	Davis Ave.	Tygart Valley River	4/1/2023 4:45AM	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.4	3/31/23	4/1/23 4:45 AM	4/1/23 7:30 AM	2:45	358.84	59208.60	Data from flow meter	JJ
			4/22/2023 7:15AM	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.33	4/22/23	4/22/23 7:15 AM	4/22/23 7:15 AM	0:01	9.1	9.10	Data from flow meter	JJ
			4/28/2023 2:30AM	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.72	4/27/23	4/28/23 2:30 AM	4/28/23 3:00 AM	0:30	85.64	2569.20	Data from flow meter	JJ
007	R.R. Ave./1st. Street	Tygart Valley River	4/1/2023 5:15AM	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.40	3/31/23	4/1/23 5:15 AM	4/1/23 5:45 AM	0:15	357.28	5359.20	Data from flow meter	JJ
008	Worth Ave.	Tygart Valley River	4/1/2023 12:00AM	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.40	3/31/23	4/1/23 12:00 AM	4/2/23 10:15 PM	45:45	974.52	2675057.40	Data from flow meter	JJ
			4/5/2023 8:15PM	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.12	4/5/23	4/5/23 8:15 PM	4/5/23 8:30 PM	0:15	50.65	759.75	Data from flow meter	JJ
			4/16/2023 7:45PM	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.22	4/16/23	4/16/23 7:45 PM	4/18/23 10:45 AM	17:30	635.53	741093.80	Data from flow meter	JJ
			4/18/2023 7:15AM	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	D	RAIN	0.33	4/18/23	4/18/23 7:15 AM	4/18/23 10:45 AM	3:30	2.71	2.71	Data from flow meter	JJ
			4/22/2023 10:15AM	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.33	4/22/23	4/22/23 10:15 AM	4/22/23 10:15 AM	0:01	2.71	2.71	Data from flow meter	JJ
			4/28/2023 2:30AM	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.72	4/27/23	4/28/23 2:30 AM	4/28/23 3:15 AM	0:45	403.85	18173.25	Data from flow meter	JJ

CITY OF ELKINS
Permit # WV0020028
Monthly CSO Inspection/Discharge Report
May 2023

Outfall #	Location	Receiving Stream	Inspection Date/Time	Backflow Device	Signs	Regulator	General Comments	Discharge Y/N	W/D	Cause	Precipitation		Discharge		Est. Total Flow	Est. Flow GPM	Est. Duration Hrs/Min	Comments or Corrective Action	Operator	
											Start Date	Stop Date	Estimated Start Date/Time	Estimated Stop Date/Time						
002	Barron Ave.	Tygart Valley River	5/1/2023 9:30PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	3.01	5/1/23	5/5/23	5/1/23 9:30 PM	5/4/23 11:30 AM	1020038.40	531.27	32:00	Data from flow meter	JJ
			5/7/2023 12:00PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.55	5/7/23	05/10/23	5/7/23 3:15 PM	5/7/23 3:15 PM	55906.50	286.7	3:15	Data from flow meter	JJ
			5/8/2023 8:00PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.55	5/7/23	5/10/23	5/8/23 8:00 PM	5/9/23 8:15 PM	689875.20	792.96	14:30	Data from flow meter	JJ
			5/13/2023 1:15PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.7	5/13/23	5/14/23	5/13/23 1:15 PM	5/13/23 7:30 PM	108630.90	344.86	5:15	Data from flow meter	JJ
003	Cherokee Street	Tygart Valley River	5/9/2023 6:15AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.55	5/7/23	5/10/23	5/9/23 6:15 AM	5/9/23 7:00 AM	25212.60	840.42	0:30	Data from flow meter	JJ
			5/13/2023 2:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.7	5/13/23	05/14/23	5/13/23 2:45 PM	5/13/23 2:45 PM	299.35	299.35	0:01	Data from flow meter	JJ
004	Henry Ave.	Tygart Valley River	5/1/2023 10:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	3.01	5/1/23	05/05/23	5/1/23 10:00 AM	5/5/23 11:15 AM	2037600.00	452.8	75:00	Data from flow meter	JJ
			5/7/2023 11:45AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.55	5/7/23	5/10/23	5/7/23 11:45 AM	5/7/23 7:30 PM	152148.15	483.01	5:15	Data from flow meter	JJ
			5/8/2023 6:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.55	5/7/23	5/10/23	5/8/23 6:45 PM	5/10/23 9:30 AM	513149.10	397.79	2:130	Data from flow meter	JJ
			5/13/2023 12:15PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.70	5/13/23	5/14/23	5/13/23 12:15 PM	5/14/23 12:45 AM	167087.25	337.55	8:15	Data from flow meter	JJ
			5/16/2023 2:30PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.24	5/16/23	05/17/23	5/16/23 2:30 PM	5/16/23 6:00 PM	4218.90	40.18	1:45	Data from flow meter	JJ
5/29/2023 2:45AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.17	5/28/23	05/29/23	5/29/23 2:45 AM	5/29/23 3:00 AM	3843.30	256.22	0:15	Data from flow meter	JJ			
005	Kerens Ave.	Tygart Valley River	5/1/2023 10:15AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	3.01	5/1/23	05/05/23	5/1/23 10:15 AM	5/5/23 1:45 AM	900511.50	215.95	69:30	Data from flow meter	JJ
			5/7/2023 11:45AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.55	5/7/23	5/10/23	5/7/23 11:45 AM	5/7/23 4:30 PM	124000.20	459.26	4:30	Data from flow meter	JJ
			5/8/2023 6:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.55	5/7/23	5/10/23	5/8/23 6:45 PM	5/10/23 3:45 AM	363718.75	306.25	19:15	Data from flow meter	JJ
			5/13/2023 12:15PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.70	5/13/23	5/14/23	5/13/23 12:15 PM	5/13/23 9:15 PM	123052.95	264.63	7:45	Data from flow meter	JJ
			5/16/2023 2:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.24	5/16/23	05/17/23	5/16/23 2:45 PM	5/16/23 2:45 PM	222.02	222.02	0:01	Data from flow meter	JJ
5/29/2023 3:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.17	5/28/23	05/29/23	5/29/23 3:00 AM	5/29/23 3:00 AM	493.13	493.13	0:01	Data from flow meter	JJ			
006	Davis Ave.	Tygart Valley River	5/1/2023 9:00PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	3.01	5/1/23	05/05/23	5/1/23 9:00 PM	5/1/23 9:45 PM	4069.35	90.43	0:45	Data from flow meter	JJ
			5/2/2023 5:00PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	3.01	5/1/23	5/5/23	5/2/23 5:00 PM	5/3/23 10:15 PM	17809.20	60.56	3:15	Data from flow meter	JJ
			5/7/2023 11:45AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.55	5/7/23	5/10/23	5/7/23 11:45 AM	5/7/23 2:00 PM	24796.00	206.65	2:00	Data from flow meter	JJ
			5/8/2023 7:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.55	5/7/23	05/10/23	5/8/23 7:45 PM	5/9/23 8:00 AM	95261.40	705.64	2:15	Data from flow meter	JJ
5/13/2023 2:15PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.7	5/13/23	05/14/23	5/13/23 2:15 PM	5/13/23 3:00 PM	20938.95	465.31	0:45	Data from flow meter	JJ			
007	R.R. Ave./1st. Street	Tygart Valley River	5/9/2023 6:00 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.55	5/7/23	5/10/23	5/9/23 6:00 AM	5/9/23 6:30 AM	30021.90	1000.73	0:30	Data from flow meter	JJ
			5/13/2023 2:45 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.7	5/13/23	05/14/23	5/13/23 2:45 PM	5/13/23 2:45 PM	182.01	182.01	0:01	Data from flow meter	JJ
008	Worth Ave.	Tygart Valley River	5/1/2023 8:15PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	3.01	5/1/23	5/5/23	5/1/23 8:15 PM	5/5/23 3:00 AM	389448.00	240.4	27:00	Data from flow meter	JJ
			5/7/2023 11:45AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.55	5/7/23	05/10/23	5/7/23 11:45 AM	5/7/23 2:30 PM	173954.55	1054.27	2:45	Data from flow meter	JJ
			5/8/2023 8:00PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.55	5/7/23	5/10/23	5/8/23 8:00 PM	5/9/23 10:30 AM	671947.35	2357.71	4:45	Data from flow meter	JJ
			5/13/2023 1:00PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.7	5/13/23	5/14/23	5/13/23 1:00 PM	5/13/23 4:15 PM	187731.60	1564.43	2:00	Data from flow meter	JJ
			5/29/2023 3:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.17	5/28/23	5/29/23	5/29/23 3:00 AM	5/29/23 3:00 AM	21.55	21.55	0:01	Data from flow meter	JJ

009	Lower Pleasant Ave.	Cravens Run	5/2/2023 8:00PM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	3.01	5/1/23	5/5/23	5/2/23 8:00 PM	5/4/23 4:30 AM	12:00	172.48	124185.60	Data from flow meter	JJ	
011	Mt. View Dr.	Tygart Valley River	5/1/2023 9:15PM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	3.01	5/1/23	5/5/23	5/1/23 9:15 PM	5/4/23 9:30 AM	11:00	70.14	46292.40	Data from flow meter	JJ	
			5/7/2023 1:00PM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.55	5/7/23	05/10/23	5/7/23 1:00 PM	5/7/23 8:30 PM	2:00	9.07	1088.40	Data from flow meter	JJ	
			5/9/2023 6:15AM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.55	5/7/23	5/10/23	5/9/23 6:15 AM	5/9/23 8:30 PM	4:15	9.57	2440.35	Data from flow meter	JJ	
			5/13/2023 4:00PM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.7	5/13/23	5/14/23	5/13/23 4:00 PM	5/13/23 6:15 PM	1:30	7.29	656.10	Data from flow meter	JJ	
				<input type="checkbox"/>	<input type="checkbox"/>																
016	R.R. Ave./10th. Street	Tygart Valley River		<input type="checkbox"/>	<input type="checkbox"/>																
017	S. Davis Ave.	Tygart Valley River		<input type="checkbox"/>	<input type="checkbox"/>																
018	S. Kerens Ave.	Tygart Valley River	5/1/2023 9:15PM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	3.01	5/1/23	5/5/23	5/1/23 9:15 PM	5/5/23 10:15 PM	7:45	64.66	297759.30	Data from flow meter	JJ	
			5/7/2023 11:45AM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.55	5/7/23	05/10/23	5/7/23 11:45 AM	5/7/23 2:30 PM	2:45	232.98	38441.70	Data from flow meter	JJ	
			5/8/2023 4:45AM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.55	5/7/23	5/10/23	5/8/23 4:45 AM	5/10/23 8:30 AM	2:45	223.96	332580.60	Data from flow meter	JJ	
			5/11/2023 2:30PM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.70	5/13/23	5/14/23	5/11/23 2:30 PM	5/13/23 7:30 PM	2:45	51.37	76284.45	Data from flow meter	JJ	
				<input type="checkbox"/>	<input type="checkbox"/>																
019	S. Henry Ave.	Tygart Valley River	5/1/2023 10:30PM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	3.01	5/1/23	5/5/23	5/1/23 10:30 PM	5/2/23 12:00 AM	1:30	287.23	25850.70	Data from flow meter	JJ	
			5/2/2023 4:00PM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	3.01	5/1/23	05/09/23	5/2/23 4:00 PM	5/2/23 7:15 PM	1:15	56.78	4258.50	Data from flow meter	JJ	
			5/3/2023 3:15PM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	3.01	5/1/23	5/5/23	5/3/23 3:15 PM	5/5/23 10:15 AM	13:30	57.61	46664.10	Data from flow meter	JJ	
			5/7/2023	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.55	5/7/23	5/10/23	5/7/23 12:00 PM	5/7/23 2:00 PM	0:30	33.98	1019.40	Data from flow meter	JJ	
			5/9/2023 6:15AM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.55	5/7/23	05/10/23	5/9/23 6:15 AM	5/9/23 10:45 AM	4:30	253.34	68401.80	Data from flow meter	JJ	
020	Flood Control Road	Tygart Valley River	5/13/2023 2:30PM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.7	5/13/23	05/14/23	5/13/23 2:30 PM	5/13/23 4:15 PM	1:45	236.83	24762.15	Data from flow meter	JJ	
				<input type="checkbox"/>	<input type="checkbox"/>																
			5/2/2023 9:00AM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	3.01	5/1/23	5/5/23	5/2/23 9:00 AM	5/4/23 11:15 PM	5:15	629.18	2085731.70	Data from flow meter	JJ	
			5/7/2023 12:30PM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.55	5/7/23	05/10/23	5/7/23 12:30 PM	5/7/23 2:30 PM	1:30	208.64	18777.60	Data from flow meter	JJ	
			5/9/2023 6:15AM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.55	5/7/23	5/10/23	5/9/23 6:15 AM	5/10/23 5:30 AM	22:00	493.86	651895.20	Data from flow meter	JJ	
			5/13/2023 2:45PM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.7	5/13/23	5/14/23	5/13/23 2:45 PM	5/13/23 5:00 PM	2:15	293.14	39573.90	Data from flow meter	JJ	

Monthly Precipitation 5.82in

Total Estimated Monthly Discharge 11776856.01

Wet Weather Events: 5 Dates: 5/1-5/5,5/7-5/10,5/13-5/14,5/16-5/17,5/28-5/29

Dry Weather Events: 0 Dates:

Total Events: 5



CITY OF ELKINS
Permit # WV0020028
Monthly CSO Inspection/Discharge Report
June 2023

Outfall #	Location	Receiving Stream	Inspection Date/Time	Backflow Device	Signs Regulator	General Comments	Discharge Y/N	Cause	Precipitation		Discharge		Est. Total Flow GPM	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	6/3/2023 2:00PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	1.30	6/3/23	6/4/23	6/3/23 2:00 PM	6/3/23 7:15 PM	998.85	Data from flow meter	JJ
			6/12/2023 9:30AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	1.02	6/12/23	06/14/23	6/12/23 9:30 AM	6/12/23 11:15 AM	347.06	Data from flow meter	JJ
			6/14/2023 8:30AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	1.02	6/14/23	6/14/23	6/14/23 8:30 AM	6/14/23 8:45 AM	45.15	Data from flow meter	JJ
			6/16/2023 6:30AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	0.59	6/16/23	6/17/23	6/16/23 6:30 AM	6/16/23 8:45 AM	527.41	Data from flow meter	JJ
			6/23/2023 1:30PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	2.86	6/20/23	6/25/23	6/23/23 1:30 PM	6/24/23 2:45 PM	371.51	Data from flow meter	JJ
			6/26/2023 10:00PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	0.39	6/26/23	6/28/23	6/26/23 10:00 PM	6/26/23 10:15 PM	4.77	Data from flow meter	JJ
003	Cherokee Street	Tygart Valley River	6/3/2023 2:00PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	1.30	6/3/23	6/4/23	6/3/23 2:00 PM	6/3/23 3:15 PM	977.75	Data from flow meter	JJ
			6/23/2023 1:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	2.86	6/20/23	06/25/23	6/23/23 1:45 PM	6/23/23 2:00 PM	917.06	Data from flow meter	JJ
			6/3/2023 2:30PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	1.3	6/3/23	06/04/23	6/3/23 2:30 PM	6/4/23 12:30 AM	433.24	Data from flow meter	JJ
			6/12/2023 8:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	1.02	6/12/23	6/14/23	6/12/23 8:00 AM	6/12/23 1:45 PM	391.47	Data from flow meter	JJ
			6/14/2023 7:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	1.02	6/14/23	6/14/23	6/14/23 7:00 AM	6/14/23 11:30 AM	432.61	Data from flow meter	JJ
			6/16/2023 6:15AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	0.59	6/16/23	6/17/23	6/16/23 6:15 AM	6/16/23 11:00 AM	472.5	Data from flow meter	JJ
004	Henry Ave.	Tygart Valley River	6/20/23 5:45AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	2.86	6/20/23	06/25/23	6/20/23 5:45 AM	6/20/23 6:00 AM	191.91	Data from flow meter	JJ
			6/21/2023 6:30PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	2.86	6/20/23	06/25/23	6/21/23 6:30 PM	6/21/23 8:15 PM	171.37	Data from flow meter	JJ
			6/22/2023 4:30PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	2.86	6/20/23	6/25/23	6/22/23 4:30 PM	6/22/23 7:45 PM	413.51	Data from flow meter	JJ
			6/23/2023 11:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	2.86	6/20/23	06/25/23	6/23/23 11:00 AM	6/25/23 3:45 PM	360.77	Data from flow meter	JJ
			6/26/2023 8:00PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	0.39	6/26/23	06/28/23	6/26/23 8:00 PM	6/27/23 8:15 AM	262.76	Data from flow meter	JJ
			6/3/2023 2:00PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	1.3	6/3/23	06/04/23	6/3/23 2:00 PM	6/3/23 11:00 PM	760.77	Data from flow meter	JJ
005	Kerens Ave.	Tygart Valley River	6/12/2023 9:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	1.02	6/12/23	6/14/23	6/12/23 9:00 AM	6/12/23 11:15 AM	620.45	Data from flow meter	JJ
			6/14/2023 7:30AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	1.02	6/14/23	6/14/23	6/14/23 7:30 AM	6/14/23 10:15 AM	673.8	Data from flow meter	JJ
			6/16/2023 6:15AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	0.59	6/16/23	6/17/23	6/16/23 6:15 AM	6/16/23 9:30 AM	630.65	Data from flow meter	JJ
			6/21/2023 7:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	2.86	6/20/23	06/25/23	6/21/23 7:45 PM	6/21/23 7:45 PM	17.23	Data from flow meter	JJ
			6/22/2023 4:30PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	2.86	6/20/23	06/25/23	6/22/23 4:30 PM	6/22/23 6:45 PM	10365.00	Data from flow meter	JJ
			6/23/2023 11:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	2.86	6/20/23	6/25/23	6/23/23 11:00 AM	6/24/23 10:00 PM	370.61	Data from flow meter	JJ
006	Davis Ave.	Tygart Valley River	6/26/2023 8:30PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	0.39	6/26/23	06/28/23	6/26/23 8:30 PM	6/26/23 10:45 PM	531.6	Data from flow meter	JJ
			6/3/2023 1:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	1.3	6/3/23	06/04/23	6/3/23 1:45 PM	6/3/23 4:00 PM	1090.16	Data from flow meter	JJ
			6/12/2023 9:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	1.02	6/12/23	6/14/23	6/12/23 9:00 AM	6/12/23 10:30 AM	106.42	Data from flow meter	JJ
			6/14/2023 8:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	1.02	6/14/23	6/14/23	6/14/23 8:00 AM	6/14/23 8:00 AM	10.96	Data from flow meter	JJ
			6/16/2023 6:15AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	0.59	6/16/23	06/17/23	6/16/23 6:15 AM	6/16/23 7:15 AM	463.66	Data from flow meter	JJ
			6/22/2023 2:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	2.86	6/20/23	06/25/23	6/22/23 2:45 PM	6/22/23 3:15 PM	52.51	Data from flow meter	JJ
007	R.R. Ave./1st. Street	Tygart Valley River	6/23/2023 11:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	2.86	6/20/23	06/25/23	6/24/23 5:30 PM	6/24/23 5:30 PM	10.22	Data from flow meter	JJ
			6/24/2023 5:30PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	2.86	6/20/23	06/25/23	6/24/23 5:30 PM	6/24/23 5:30 PM	10.22	Data from flow meter	JJ
			6/26/2023 8:00PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	0.39	6/26/23	06/28/23	6/26/23 8:00 PM	6/26/23 9:45 PM	846.15	Data from flow meter	JJ
			6/3/2023 2:00PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	1.30	6/3/23	6/4/23	6/3/23 2:00 PM	6/3/23 3:00 PM	1027.04	Data from flow meter	JJ
			6/16/2023 6:15AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	0.59	6/16/23	06/17/23	6/16/23 6:15 AM	6/16/23 6:15 AM	308.07	Data from flow meter	JJ
			6/23/2023 1:30PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y	RAIN	2.86	6/20/23	6/25/23	6/23/23 1:30 PM	6/23/23 2:15 PM	714.27	Data from flow meter	JJ

008	Worth Ave.	Tygart Valley River	6/9/2023 2:00PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.30	6/9/23	6/4/23	6/3/23 2:00 PM	6/3/23 5:15 PM	3:15	4553.85	888000.75	Data from flow meter	JJ
			6/12/2023 9:15AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.02	6/12/23	06/14/23	6/12/23 9:15 AM	6/12/23 10:30 AM	1:15	598.68	44901.00	Data from flow meter	JJ
			6/14/2023 7:45AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.02	6/12/23	6/14/23	6/14/23 7:45 AM	6/14/23 8:30 AM	0:45	133.79	6020.55	Data from flow meter	JJ
			6/16/2023 6:15AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.59	6/16/23	6/17/23	6/16/23 6:15 AM	6/16/23 7:30 AM	1:15	1539.94	115495.50	Data from flow meter	JJ
			6/23/2023 11:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	2.86	6/20/23	6/25/23	6/23/23 11:00 AM	6/23/23 9:30 PM	4:15	3192.43	814069.65	Data from flow meter	JJ
			6/24/2023 5:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	2.86	6/20/23	06/25/23	6/24/23 5:45 PM	6/24/23 5:45 PM	0:01	78.69	78.69	Data from flow meter	JJ
			6/26/2023 9:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.39	6/26/23	06/29/23	6/26/23 9:45 PM	6/26/23 10:00 PM	0:15	586.44	8796.60	Data from flow meter	JJ
009	Lower Pleasant Ave.	Cravens Run																	Data from flow meter	JJ
011	Mt. View Dr.	Tygart Valley River	6/9/2023 3:30PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.30	6/9/23	6/4/23	6/3/23 3:30 PM	6/3/23 8:30 PM	0:30	51.4	1542.00	Data from flow meter	JJ
			6/16/2023 7:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.59	6/16/23	06/17/23	6/16/23 7:00 AM	6/16/23 8:15 AM	1:00	14.03	841.80	Data from flow meter	JJ
			6/23/2023 1:15PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	2.86	6/20/23	6/25/23	6/23/23 1:15 PM	6/23/23 6:30 PM	4:15	12.79	3261.45	Data from flow meter	JJ
016	R.R. Ave./10th. Street	Tygart Valley River																		
017	S. Davis Ave.	Tygart Valley River																		
018	S. Kerens Ave.	Tygart Valley River	6/9/2023 2:00PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.30	6/9/23	6/4/23	6/3/23 2:00 PM	6/4/23 1:00 AM	9:15	391.36	217204.80	Data from flow meter	JJ
			6/12/2023 9:15AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.02	6/12/23	06/14/23	6/12/23 9:15 AM	6/12/23 10:45 AM	1:30	213.82	19243.80	Data from flow meter	JJ
			6/14/2023 8:15AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.02	6/12/23	6/14/23	6/14/23 8:15 AM	6/14/23 8:15 AM	0:01	20.53	20.53	Data from flow meter	JJ
			6/16/2023 6:15AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.59	6/16/23	6/17/23	6/16/23 6:15 AM	6/16/23 7:45 AM	1:15	697.04	52278.00	Data from flow meter	JJ
			6/16/2023 11:00PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.59	6/16/23	06/17/23	6/16/23 11:00 PM	6/16/23 7:00 PM	19:00	1.78	2029.20	Data from flow meter	JJ
			6/23/2023 11:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	2.86	6/20/23	06/25/23	6/23/23 11:00 AM	6/26/23 10:15 PM	7:1:00	44.83	190975.80	Data from flow meter	JJ
019	S. Henry Ave.	Tygart Valley River	6/9/2023 2:00PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.30	6/9/23	6/4/23	6/3/23 2:00 PM	6/3/23 5:15 PM	3:15	339.9	66280.50	Data from flow meter	JJ
			6/12/2023 9:30AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.02	6/12/23	06/14/23	6/12/23 9:30 AM	6/12/23 9:30 AM	0:01	44.82	44.82	Data from flow meter	JJ
			6/16/2023 6:15AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.59	6/16/23	6/17/23	6/16/23 6:15 AM	6/16/23 7:30 AM	1:00	216.98	13018.80	Data from flow meter	JJ
			6/23/2023 1:30PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	2.86	6/20/23	6/25/23	6/23/23 1:30 PM	6/23/23 10:45 PM	7:30	111.89	50350.50	Data from flow meter	JJ
020	Flood Control Road	Tygart Valley River	6/9/2023 2:00PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.30	6/9/23	6/4/23	6/3/23 2:00 PM	6/3/23 3:45 PM	1:45	586.94	61628.70	Data from flow meter	JJ
			6/12/2023 8:00PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.02	6/12/23	06/14/23	6/12/23 8:00 PM	6/13/23 1:15 PM	17:15	377.38	390588.30	Data from flow meter	JJ
			6/16/2023 6:45AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.59	6/16/23	6/17/23	6/16/23 6:45 AM	6/16/23 8:00 AM	1:15	284.87	21365.25	Data from flow meter	JJ
			6/23/2023 1:30PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	2.86	6/20/23	6/25/23	6/23/23 1:30 PM	6/23/23 10:45 PM	5:45	456.63	157537.35	Data from flow meter	JJ

Monthly Precipitation																				6.2in
Total Estimated Monthly Discharge																				6701407.37
Wet Weather Events: 5										Dates: 6/3-6/4,6/12-6/14,6/16-6/17,6/20-6/25,6/26-6/28										
Dry Weather Events: 0										Dates:										
Total Events: 5																				

Events Summary

CITY OF ELKINS
Permit # WV0020028
Monthly CSO Inspection/Discharge Report
July 2023

Outfall #	Location	Receiving Stream	Inspection Date/Time	Backflow Device	Signs Regulator	Regulator	General Compliance	Discharge Y/N	W/D	Cause	Est. Amt.	Precipitation		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
												Start Date	Stop Date							
002	Barron Ave. Tygart Valley River	Tygart Valley River	7/1/2023 2:15PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.25	7/1/23	7/7/23	7/1/23 2:15 PM	7/2/23 12:30 AM	0:45	342.22	15399.90	Data from flow meter	JJ
			7/4/2023 2:30AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.25	7/1/23	07/07/23	7/4/23 2:30 AM	7/4/23 3:30 AM	1:00	185.68	11140.80	Data from flow meter	JJ
			7/9/2023 8:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.94	7/9/23	7/10/23	7/9/23 8:00 AM	7/9/23 2:30 PM	6:30	703.6	274404.00	Data from flow meter	JJ
			7/15/2023 5:30PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.75	7/14/23	7/19/23	7/15/23 5:30 PM	7/16/23 2:30 PM	9:45	406.88	238024.80	Data from flow meter	JJ
			7/20/2023 11:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.70	7/20/23	7/22/23	7/20/23 11:45 PM	7/21/23 4:00 AM	4:15	361.2	92106.00	Data from flow meter	JJ
			7/27/2023 4:15PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	2.5	7/27/23	7/31/23	7/27/23 4:15 PM	7/27/23 6:30 PM	2:15	670.49	90516.15	Data from flow meter	JJ
			7/28/2023 4:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	2.5	7/27/23	7/31/23	7/28/23 4:45 PM	7/30/23 12:00 AM	13:00	338.36	263920.80	Data from flow meter	JJ
			7/31/2023 1:30AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	2.5	7/27/23	7/31/23	7/31/23 1:30 AM	7/31/23 2:45 AM	1:15	507.77	38082.75	Data from flow meter	JJ
			7/9/2023 9:15 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.94	7/9/23	7/10/23	7/9/23 9:15 AM	7/9/23 9:15 AM	0:01	12.29	12.29	Data from flow meter	JJ
			7/1/2023 2:00PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.25	7/1/23	07/07/23	7/1/23 2:00 PM	7/2/23 1:30 AM	2:15	467.89	63165.15	Data from flow meter	JJ
7/4/2023 2:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.25	7/1/23	7/7/23	7/4/23 2:00 AM	7/4/23 6:00 AM	2:30	361.37	54205.50	Data from flow meter	JJ			
7/9/2023 7:45AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.94	7/9/23	7/10/23	7/9/23 7:45 AM	7/9/23 11:00 PM	11:00	401.41	264930.60	Data from flow meter	JJ			
7/15/2023 5:15PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.75	7/14/23	7/19/23	7/15/23 5:15 PM	7/16/23 7:45 PM	15:00	389.28	350352.00	Data from flow meter	JJ			
7/17/2023 2:15PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.75	7/14/23	07/19/23	7/17/23 2:15 PM	7/17/23 2:30 PM	0:15	465.29	6979.35	Data from flow meter	JJ			
7/19/2023 2:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.75	7/14/23	07/19/23	7/19/23 2:00 AM	7/19/23 2:15 AM	0:15	227.99	3419.85	Data from flow meter	JJ			
7/20/2023 10:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.7	7/20/23	7/22/23	7/20/23 10:45 PM	7/21/23 1:45 PM	9:45	307.3	179770.50	Data from flow meter	JJ			
7/27/2023 1:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	2.5	7/27/23	07/31/23	7/27/23 1:45 PM	7/27/23 7:15 PM	4:00	453.8	108912.00	Data from flow meter	JJ			
7/28/2023 4:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	2.5	7/27/23	07/31/23	7/28/23 4:45 PM	7/30/23 12:15 AM	13:00	399.99	311992.20	Data from flow meter	JJ			
7/31/2023 1:15AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	2.5	7/27/23	07/31/23	7/31/23 1:15 AM	7/31/23 8:30 AM	2:30	366.04	54906.00	Data from flow meter	JJ			
005	Kerens Ave. Tygart Valley River	Tygart Valley River	7/1/2023 2:00PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.25	7/1/23	07/07/23	7/1/23 2:00 PM	7/2/23 12:30 AM	1:30	724.16	65174.40	Data from flow meter	JJ
			7/4/2023 2:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.25	7/1/23	7/7/23	7/4/23 2:00 AM	7/4/23 3:15 AM	1:15	392.56	29442.00	Data from flow meter	JJ
			7/9/2023 8:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.94	7/9/23	7/10/23	7/9/23 8:00 AM	7/9/23 9:30 PM	7:45	405.99	188785.35	Data from flow meter	JJ
			7/15/2023 5:15PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.75	7/14/23	7/19/23	7/15/23 5:15 PM	7/16/23 3:15 PM	10:15	381.47	234604.05	Data from flow meter	JJ
			7/17/2023 2:15PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.75	7/14/23	07/19/23	7/17/23 2:15 PM	7/17/23 2:30 PM	0:15	238.98	3584.70	Data from flow meter	JJ
			7/19/2023 2:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.75	7/14/23	07/19/23	7/19/23 2:00 AM	7/19/23 2:00 AM	0:01	328.46	328.46	Data from flow meter	JJ
			7/20/2023 11:00PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.7	7/20/23	7/22/23	7/20/23 11:00 PM	7/21/23 6:00 AM	5:15	377.77	118997.55	Data from flow meter	JJ
			7/27/2023 4:15PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	2.5	7/27/23	07/31/23	7/27/23 4:15 PM	7/27/23 7:15 PM	2:45	436.17	71988.05	Data from flow meter	JJ
			7/28/2023 5:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	2.5	7/27/23	07/31/23	7/28/23 5:45 PM	7/29/23 10:15 AM	6:45	324.71	131507.55	Data from flow meter	JJ
			7/29/2023 11:15PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	2.5	7/27/23	07/31/23	7/29/23 11:15 PM	7/30/23 12:15 AM	1:00	460.89	27653.40	Data from flow meter	JJ
7/31/2023 1:30AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	2.5	7/27/23	07/31/23	7/31/23 1:30 AM	7/31/23 3:00 AM	1:30	468.21	42138.90	Data from flow meter	JJ			

006	Davis Ave.	Tygart Valley River	7/1/2023 2:00PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.25	7/1/23	07/07/23	7/1/23 2:00 PM	7/2/23 12:00 AM	0:30	531.67	15950.10	Data from flow meter	JJ		
			7/4/23 2:15 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.25	7/1/23	7/7/23	7/4/23 2:15 AM	7/4/23 2:15 AM	0:01	270.74	270.74	Data from flow meter	JJ		
			7/9/2023	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.94	7/9/23	7/10/23	7/9/23 7:45 AM	7/9/23 10:00 AM	2:15	541.4	73089.00	Data from flow meter	JJ		
			7/15/2023 5:15PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.75	7/14/23	07/19/23	7/15/23 5:15 PM	7/16/23 11:15 AM	2:30	472.8	70920.00	Data from flow meter	JJ		
			7/20/2023 10:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	0.7	7/20/23	07/22/23	7/20/23 10:45 PM	7/21/23 1:30 AM	0:45	334.6	15057.00	Data from flow meter	JJ		
			7/27/2023 4:00PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	2.5	7/27/23	7/31/23	7/27/23 4:00 PM	7/27/23 5:00 PM	0:45	549.34	24720.30	Data from flow meter	JJ		
			7/29/2023 12:30AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	2.5	7/27/23	07/31/23	7/29/23 12:30 AM	7/29/23 5:15 AM	1:30	284.64	25617.60	Data from flow meter	JJ		
			7/29/2023 11:15PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	2.5	7/27/23	07/31/23	7/29/23 11:15 PM	7/29/23 11:15 PM	0:01	763.05	763.05	Data from flow meter	JJ		
			7/31/2023 1:15AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	2.5	7/27/23	07/31/23	7/31/23 1:15 AM	7/31/23 1:30 AM	0:15	806.77	12101.55	Data from flow meter	JJ		
007	R.R. Ave./1st Street	Tygart Valley River	7/1/2023 11:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.25	7/1/23	7/7/23	7/1/23 11:45 PM	7/1/23 11:45 PM	0:01	312.42	312.42	Data from flow meter	JJ		
			7/9/2023 8:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.94	7/9/23	07/10/23	7/9/23 8:00 AM	7/9/23 9:15 AM	0:15	270.16	4052.40	Data from flow meter	JJ		
			7/15/2023 5:15PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.75	7/14/23	7/19/23	7/15/23 5:15 PM	7/15/23 5:15 PM	0:01	376.02	376.02	Data from flow meter	JJ		
			7/16/2023 11:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.75	7/14/23	07/19/23	7/16/23 11:00 AM	7/16/23 11:00 AM	0:01	279.57	279.57	Data from flow meter	JJ		
			7/21/2023 1:15AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.7	7/20/23	07/22/23	7/21/23 1:15 AM	7/21/23 1:15 AM	0:01	253.06	253.06	Data from flow meter	JJ		
			7/30/2023 11:15AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	2.5	7/27/23	7/31/23	7/30/23 11:15 AM	7/31/23 1:30 AM	14:00	4.49	3771.60	Data from flow meter	JJ		
			7/1/2023 2:00PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.25	7/1/23	7/7/23	7/1/23 2:00 PM	7/2/23 12:00 AM	0:45	1397.16	62872.20	Data from flow meter	JJ		
			7/4/2023 2:15AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.25	7/1/23	07/07/23	7/4/23 2:15 AM	7/4/23 2:30 AM	0:15	765.5	11492.50	Data from flow meter	JJ		
			7/9/2023 8:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.94	7/9/23	7/10/23	7/9/23 8:00 AM	7/9/23 8:45 PM	3:15	1030.57	200961.15	Data from flow meter	JJ		
7/15/2023 5:30PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.75	7/14/23	7/19/23	7/15/23 5:30 PM	7/16/23 11:30 AM	2:30	921.09	138163.50	Data from flow meter	JJ					
7/17/2023 2:15PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.75	7/14/23	7/19/23	7/17/23 2:15 PM	7/17/23 2:45 PM	0:30	382.32	11469.60	Data from flow meter	JJ					
7/20/2023 11:00PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.7	7/20/23	07/22/23	7/20/23 11:00 PM	7/21/23 2:15 AM	2:15	1048.36	141528.60	Data from flow meter	JJ					
7/27/2023 4:15PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	2.5	7/27/23	07/31/23	7/27/23 4:15 PM	7/27/23 5:30 PM	1:00	1650.82	99049.20	Data from flow meter	JJ					
7/29/2023 2:45AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	2.5	7/27/23	7/31/23	7/29/23 2:45 AM	7/29/23 8:30 AM	5:30	795.17	262406.10	Data from flow meter	JJ					
7/29/2023 11:15PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	2.5	7/27/23	07/31/23	7/29/23 11:15 PM	7/30/23 12:30 AM	1:15	766.94	57520.50	Data from flow meter	JJ					
7/31/2023 1:30AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	2.5	7/27/23	07/31/23	7/31/23 1:30 AM	7/31/23 3:30 AM	2:00	1232.55	147906.00	Data from flow meter	JJ					
009	Lower Pleasant Ave.	Cravens Run	7/17/2023 7:15PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.75	7/14/23	7/19/23	7/17/23 7:15 PM	7/18/23 3:00 AM	0:15	164.71	2470.65	Data from flow meter	JJ		
011	Mt. View Dr.	Tygart Valley River	7/9/2023 9:30AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.94	7/9/23	7/10/23	7/9/23 9:30 AM	7/9/23 9:15 PM	3:00	4.67	840.60	Data from flow meter	JJ		
			7/16/2023 4:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.75	7/14/23	07/19/23	7/16/23 4:00 AM	7/16/23 1:45 PM	3:30	6.98	1465.80	Data from flow meter	JJ		
			7/21/2023 12:45AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.70	7/20/23	7/22/23	7/21/23 12:45 AM	7/21/23 6:45 AM	4:30	10.25	2767.50	Data from flow meter	JJ		
			7/27/2023 4:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	2.5	7/27/23	7/31/23	7/27/23 4:45 PM	7/28/23 8:30 AM	3:00	6.81	1225.80	Data from flow meter	JJ		
			7/29/2023 4:45AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	2.50	7/27/23	7/31/23	7/29/23 4:45 AM	7/29/23 9:45 AM	3:15	11.07	2158.65	Data from flow meter	JJ		
			7/30/2023 12:30PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	2.5	7/27/23	07/31/23	7/30/23 12:30 PM	7/31/23 4:30 AM	3:30	5.48	1150.80	Data from flow meter	JJ		

CITY OF ELKINS
Permit # WV0020028
Monthly CSO Inspection/Discharge Report
August 2023

Outfall #	Location	Receiving Stream	Inspection Date/Time	Backflow Device	Signs	Regulator	General Comments	Discharge Y/N	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	8/7/2023 3:30AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	RAIN	1.37	8/6/23	8/11/23	8/7/23 3:30 AM	8/7/23 6:30 PM	5:30	382.23	126135.90	Data from flow meter	JJ
			8/12/2023 10:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	RAIN	1.02	8/12/23	08/13/23	8/12/23 10:45 PM	8/13/23 7:45 AM	9:00	803.97	434143.80	Data from flow meter	JJ
			8/25/2023 4:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	RAIN	1.19	8/23/23	8/26/23	8/25/23 4:00 AM	8/25/23 10:30 AM	6:30	535.28	208759.20	Data from flow meter	JJ
			8/29/2023 1:30PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	RAIN	1.88	8/28/23	8/30/23	8/29/23 1:30 PM	8/30/23 3:00 PM	20:30	926.15	1139164.50	Data from flow meter	JJ
			8/13/2023 12:15AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	RAIN	1.02	8/12/23	8/13/23	8/13/23 12:15 AM	8/13/23 12:45 AM	0:15	886.28	13294.20	Data from flow meter	JJ
003	Cherokee Street	Tygart Valley River	8/29/2023 2:15PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	RAIN	1.88	8/28/23	08/30/23	8/29/23 2:15 PM	8/29/23 11:45 PM	1:15	323.4	24255.00	Data from flow meter	JJ
			8/6/2023 11:30AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	RAIN	1.37	8/6/23	08/11/23	8/6/23 11:30 AM	8/6/23 3:00 PM	0:30	528.66	15859.80	Data from flow meter	JJ
004	Henry Ave.	Tygart Valley River	8/7/2023 3:15AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	RAIN	1.37	8/6/23	8/11/23	8/7/23 3:15 AM	8/7/23 8:00 PM	7:00	418.06	175585.20	Data from flow meter	JJ
			8/8/2023 10:45AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	RAIN	1.37	8/6/23	8/11/23	8/8/23 10:45 AM	8/8/23 10:45 AM	0:01	11.12	11.12	Data from flow meter	JJ
			8/9/2023 6:30AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	RAIN	1.37	8/6/23	8/11/23	8/9/23 6:30 AM	8/9/23 6:30 AM	0:01	11.49	11.49	Data from flow meter	JJ
			8/9/2023 9:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	RAIN	1.37	8/6/23	8/11/23	8/9/23 9:45 PM	8/10/23 2:45 PM	1:15	204.87	15365.25	Data from flow meter	JJ
			8/12/2023 10:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	RAIN	1.02	8/12/23	08/13/23	8/12/23 10:45 PM	8/13/23 5:00 PM	12:00	440.42	317102.40	Data from flow meter	JJ
			8/23/2023 5:00PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	RAIN	1.19	8/23/23	8/26/23	8/23/23 5:00 PM	8/23/23 11:45 PM	0:30	336.47	10094.10	Data from flow meter	JJ
			8/25/2023 3:45AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	RAIN	1.19	8/23/23	08/26/23	8/25/23 3:45 AM	8/25/23 1:30 PM	7:30	476.39	214375.50	Data from flow meter	JJ
			8/26/2023 7:00PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	RAIN	1.19	8/23/23	08/26/23	8/26/23 7:00 PM	8/26/23 7:00 PM	0:01	12978.4	12978.40	Data from flow meter	JJ
			8/28/2023 4:30PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	RAIN	1.88	8/28/23	08/30/23	8/28/23 4:30 PM	8/28/23 5:15 PM	0:45	1146.46	51590.70	Data from flow meter	JJ
			8/29/2023 1:30PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	RAIN	1.88	8/28/23	08/30/23	8/29/23 1:30 PM	8/30/23 9:45 PM	29:30	509.67	902115.90	Data from flow meter	JJ
005	Kerens Ave.	Tygart Valley River	8/7/2023 3:15AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	RAIN	1.37	8/6/23	08/11/23	8/7/23 3:15 AM	8/7/23 6:15 PM	5:30	311.37	102752.10	Data from flow meter	JJ
			8/10/2023 10:15AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	RAIN	1.37	8/6/23	8/11/23	8/10/23 10:15 AM	8/10/23 10:30 AM	0:15	18.49	277.35	Data from flow meter	JJ
			8/12/2023 10:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	RAIN	1.02	8/12/23	8/13/23	8/12/23 10:45 PM	8/13/23 11:00 AM	10:15	566.1	348151.50	Data from flow meter	JJ
			8/25/2023 5:15PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	RAIN	1.19	8/23/23	8/26/23	8/23/23 5:15 PM	8/23/23 11:45 PM	0:15	448.39	6725.85	Data from flow meter	JJ
			8/25/2023 4:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	RAIN	1.19	8/23/23	08/26/23	8/25/23 4:00 AM	8/25/23 9:30 AM	5:15	557.64	175656.60	Data from flow meter	JJ
006	Davis Ave.	Tygart Valley River	8/29/2023 1:30PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	RAIN	1.88	8/28/23	08/30/23	8/29/23 1:30 PM	8/30/23 5:00 PM	27:15	428.66	700859.10	Data from flow meter	JJ
			8/7/2023 3:15AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	RAIN	1.37	8/6/23	08/11/23	8/7/23 3:15 AM	8/7/23 4:45 PM	1:00	311.27	18676.20	Data from flow meter	JJ
			8/9/2023 9:30PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	RAIN	1.37	8/6/23	8/11/23	8/9/23 9:30 PM	8/9/23 9:45 PM	0:15	85.55	1283.25	Data from flow meter	JJ
			8/12/2023 10:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	RAIN	1.02	8/12/23	8/13/23	8/12/23 10:45 PM	8/13/23 1:30 AM	1:45	891.87	93646.35	Data from flow meter	JJ
			8/23/2023 5:00PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	RAIN	1.19	8/23/23	08/26/23	8/23/23 5:00 PM	8/23/23 5:00 PM	0:01	100.88	100.88	Data from flow meter	JJ
007	R.R. Ave./1st. Street	Tygart Valley River	8/25/2023 3:45AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	RAIN	1.19	8/23/23	08/26/23	8/25/23 3:45 AM	8/25/23 6:00 AM	2:00	353.87	42464.40	Data from flow meter	JJ
			8/29/2023 1:30PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	RAIN	1.88	8/28/23	8/30/23	8/29/23 1:30 PM	8/30/23 12:00 AM	3:15	727.27	141817.65	Data from flow meter	JJ
			8/12/2023 10:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	RAIN	1.02	8/12/23	8/13/23	8/12/23 10:45 PM	8/13/23 1:00 AM	0:45	495.66	22304.70	Data from flow meter	JJ
			8/25/2023 4:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	RAIN	1.19	8/23/23	08/26/23	8/25/23 4:00 AM	8/25/23 4:15 AM	0:15	254.9	3823.50	Data from flow meter	JJ
			8/29/2023 7:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	RAIN	1.88	8/28/23	8/30/23	8/29/23 7:00 AM	8/29/23 11:45 PM	4:45	134.13	38227.05	Data from flow meter	JJ

008	Worth Ave.	Tygart Valley River	8/7/2023 3:30AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.37	8/6/23	8/11/23	8/7/23 3:30 AM	8/7/23 3:30 AM	8/7/23 5:00 PM	1:45	599.16	62911.80	Data from flow meter	JJ
			8/9/2023 10:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.37	8/6/23	08/11/23	8/9/23 10:45 PM	8/9/23 10:45 PM	8/9/23 10:45 PM	0:01	40.89	40.89	Data from flow meter	JJ
			8/12/2023 10:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.02	8/12/23	8/13/23	8/12/23 10:45 PM	8/13/23 3:00 AM	8/13/23 3:00 AM	3:15	3455.28	673779.60	Data from flow meter	JJ
			8/25/2023 4:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.19	8/23/23	8/28/23	8/25/23 4:00 AM	8/25/23 6:30 AM	8/25/23 6:30 AM	2:30	1593.43	239014.50	Data from flow meter	JJ
			8/29/2023 1:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.88	8/28/23	8/30/23	8/29/23 1:45 PM	8/30/23 2:30 PM	8/30/23 2:30 PM	9:00	1371.31	740507.40	Data from flow meter	JJ
009	Lower Pleasant Ave.	Cravens Run																			Data from flow meter	JJ
			8/7/2023 4:15 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.37	8/6/23	8/11/23	8/7/23 4:15 PM	8/7/23 9:30 PM	8/7/23 9:30 PM	2:15	8.1	1093.50	Data from flow meter	JJ
			8/13/2023 12:15AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.02	8/12/23	08/13/23	8/13/23 12:15 AM	8/13/23 6:45 AM	8/13/23 6:45 AM	6:30	16.28	6349.20	Data from flow meter	JJ
			8/25/2023 4:30AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.19	8/23/23	8/28/23	8/25/23 4:30 AM	8/25/23 10:15 AM	8/25/23 10:15 AM	4:30	8.4	2268.00	Data from flow meter	JJ
			8/28/2023 1:15PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.88	8/28/23	8/30/23	8/28/23 1:15PM	8/28/23 1:15 PM	8/28/23 1:15 PM	0:01	2597.11	2597.11	Data from flow meter	JJ
			8/29/2023 2:00PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.88	8/28/23	8/30/23	8/29/23 2:00 PM	8/30/23 5:00 AM	8/30/23 5:00 AM	10:30	14.7	9261.00	Data from flow meter	JJ
016	R.R. Ave./10th. Street	Tygart Valley River																				
017	S. Davis Ave.	Tygart Valley River																				
			8/7/2023 3:15AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.37	8/6/23	8/11/23	8/7/23 3:15 AM	8/7/23 5:15 PM	8/7/23 5:15 PM	7:15	114.97	50011.95	Data from flow meter	JJ
			8/12/2023 10:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.02	8/12/23	08/13/23	8/12/23 10:45 PM	8/14/23 5:45 AM	8/14/23 5:45 AM	24:30	148.97	218985.90	Data from flow meter	JJ
			8/23/2023 5:00PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.19	8/23/23	8/28/23	8/23/23 5:00 PM	8/23/23 5:00 PM	8/23/23 5:00 PM	0:01	3.31	3.31	Data from flow meter	JJ
			8/25/2023 3:45AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.19	8/23/23	8/28/23	8/25/23 3:45 AM	8/25/23 7:45 AM	8/25/23 7:45 AM	2:45	459.89	75881.85	Data from flow meter	JJ
			8/28/2023 11:15AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.88	8/28/23	08/30/23	8/28/23 11:15 AM	8/28/23 4:00 PM	8/28/23 4:00 PM	3:15	1.53	298.35	Data from flow meter	JJ
			8/29/2023 1:30PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.88	8/28/23	08/30/23	8/29/23 1:30 PM	8/31/23 3:45 AM	8/31/23 3:45 AM	34:00	199.87	407734.80	Data from flow meter	JJ
			8/7/2023 3:15AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.37	8/6/23	8/11/23	8/7/23 3:15 AM	8/7/23 4:15 PM	8/7/23 4:15 PM	0:45	80.35	3615.75	Data from flow meter	JJ
			8/12/2023 10:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.02	8/12/23	08/13/23	8/12/23 10:45 PM	8/13/23 3:30 AM	8/13/23 3:30 AM	4:00	278.64	66873.60	Data from flow meter	JJ
			8/25/2023 4:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.19	8/23/23	8/28/23	8/25/23 4:00 AM	8/25/23 6:15 AM	8/25/23 6:15 AM	2:00	150.16	18019.20	Data from flow meter	JJ
			8/29/2023 1:30PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.88	8/28/23	8/30/23	8/29/23 1:30 PM	8/30/23 9:30 PM	8/30/23 9:30 PM	11:15	211.82	142978.50	Data from flow meter	JJ
			8/7/2023 3:45 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.37	8/6/23	8/11/23	8/7/23 3:45 PM	8/7/23 5:15 PM	8/7/23 5:15 PM	1:15	247.65	18573.75	Data from flow meter	JJ
			8/12/2023 10:30PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.02	8/12/23	08/13/23	8/12/23 10:30 PM	8/13/23 9:30 AM	8/13/23 9:30 AM	10:30	700.83	441522.90	Data from flow meter	JJ
			8/25/2023 4:15AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.19	8/23/23	8/28/23	8/25/23 4:15 AM	8/25/23 9:00 AM	8/25/23 9:00 AM	4:30	441.51	119207.70	Data from flow meter	JJ
			8/29/2023 2:15PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.88	8/28/23	8/30/23	8/29/23 2:15 PM	8/30/23 9:45 AM	8/30/23 9:45 AM	15:00	370.78	333702.00	Data from flow meter	JJ

Monthly Precipitation		5.7
Total Estimated Monthly Discharge		8992841.50
Events Summary		Wet Weather Events: 4 Dates: 8/6-8/11,8/12-8/13,8/23-8/26,8/28-8/30
Dry Weather Events: 0		Dates:
Total Events: 4		

CITY OF ELKINS
Permit # WV0020028
Monthly CSO Inspection/Discharge Report
September 2023

Outfall #	Location	Receiving Stream	Inspection Date/Time	Backflow Device	Signs	Regulator	General	Discharge		Cause	Precipitation		Discharge		Est. Duration Hrs/Min	Est. Flow GPM	Est. Total Flow	Comments or Corrective Action	Operator
								Y/N	W/D		Start Date	Stop Date	Estimated Start Date/Time	Estimated Stop Date/Time					
002	Barron Ave.	Tygart Valley River	9/8/2023 9:30PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	9/7/23	9/11/23	9/8/23 9:30 PM	9/9/23 7:00 PM	6:30	345.93	134912.70	Data from flow meter	JJ
			9/17/2023 6:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>		Y	W	RAIN	9/16/23	09/19/23	9/17/23 6:00 AM	9/18/23 9:00 AM	27:00	434.03	703128.60	Data from flow meter
003	Cherokee Street	Tygart Valley River	9/8/2023 10:30PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	9/7/23	9/11/23	9/8/23 10:30 PM	9/8/23 10:30 PM	0:01	6.25	6.25	Data from flow meter	JJ
				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>												
004	Henry Ave.	Tygart Valley River	9/7/2023 8:30PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	9/7/23	09/11/23	9/7/23 8:30 PM	9/7/23 8:45 PM	0:15	553.77	8306.55	Data from flow meter	JJ
			9/8/2023 8:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	9/7/23	9/11/23	9/8/23 8:45 PM	9/9/23 11:15 PM	13:15	387.19	307816.05	Data from flow meter	JJ
			9/10/2023 5:15PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	9/7/23	9/11/23	9/10/23 5:15 PM	9/11/23 11:15 AM	7:45	189.38	88081.70	Data from flow meter	JJ
			9/17/2023 4:45AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	9/16/23	9/19/23	9/17/23 4:45 AM	9/18/23 3:30 PM	30:15	439.09	798948.35	Data from flow meter	JJ
			9/23/2023 7:45AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	9/23/23	09/26/23	9/23/23 7:45 AM	9/23/23 1:30 PM	2:15	126.12	17026.20	Data from flow meter	JJ
005	Kerens Ave.	Tygart Valley River	9/29/2023 8:00PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	D				9/29/23 8:00 PM	9/29/23 8:00 PM	0:01	7771.32	7771.32	Data from flow meter	JJ
			9/7/2023 8:30PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	9/7/23	09/11/23	9/7/23 8:30 PM	9/7/23 8:45 PM	0:15	518.36	7775.40	Data from flow meter	JJ
			9/8/2023 8:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	9/7/23	9/11/23	9/8/23 8:45 PM	9/9/23 6:30 PM	8:30	460.44	234824.40	Data from flow meter	JJ
			9/10/23 5:30 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	9/7/23	9/11/23	9/10/23 5:30 PM	9/10/23 8:45 PM	1:30	362.4	32616.00	Data from flow meter	JJ
			9/17/2023 4:45AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	9/16/23	9/19/23	9/17/23 4:45 AM	9/18/23 7:00 AM	23:00	438.34	604909.20	Data from flow meter	JJ
006	Davis Ave.	Tygart Valley River	9/23/2023 8:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	9/23/23	09/26/23	9/23/23 8:00 AM	9/23/23 12:15 PM	0:15	191.68	2875.20	Data from flow meter	JJ
			9/8/2023 8:30PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	9/7/23	09/11/23	9/8/23 8:30 PM	9/9/23 1:45 AM	1:15	649.57	48717.75	Data from flow meter	JJ
			9/9/2023 2:00PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	9/7/23	9/11/23	9/9/23 2:00 PM	9/9/23 2:15 PM	0:15	549.83	8247.45	Data from flow meter	JJ
007	R.R. Ave./1st Street	Tygart Valley River	9/17/2023 4:45AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	9/16/23	9/19/23	9/17/23 4:45 AM	9/17/23 7:45 PM	3:15	357.82	69774.90	Data from flow meter	JJ
			9/8/2023 10:15PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	9/7/23	9/11/23	9/8/23 10:15 PM	9/8/23 10:30 PM	0:15	324.03	4860.45	Data from flow meter	JJ
			9/17/2023 5:30PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	9/16/23	09/19/23	9/17/23 5:30 PM	9/17/23 5:30 PM	0:01	132.3	132.30	Data from flow meter	JJ

008	Worth Ave.	Tygart Valley River	9/8/2023 8:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.98	9/7/23	9/11/23	9/8/23 8:45 PM	9/9/23 2:15 AM	2:15	1680.68	226891.80	Data from flow meter	JJ
			9/9/2023 5:30PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.98	9/7/23	09/11/23	9/9/23 5:30 PM	9/9/23 6:00 PM	0:30	196.9	5907.00	Data from flow meter	JJ
			9/17/2023 5:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.60	9/16/23	9/19/23	9/17/23 5:00 AM	9/17/23 9:45 PM	9:00	677.38	365785.20	Data from flow meter	JJ
009	Lower Pleasant Ave.	Cravens Run	9/9/2023 9:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.98	9/7/23	9/11/23	9/9/23 9:45 PM	9/10/23 7:15 AM	2:15	1553.34	209700.90	Data from flow meter	JJ
			9/12/2023 4:15AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	0.1	9/12/23	09/14/23	9/12/23 4:15 AM	9/12/23 4:15 AM	0:01	61.78	61.78	Data from flow meter	JJ
011	Mt. View Dr.	Tygart Valley River	9/8/2023 10:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.98	9/7/23	9/11/23	9/8/23 10:45 PM	9/9/23 5:00 AM	5:30	13.47	4445.10	Data from flow meter	JJ
			9/9/2023 6:30PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.98	9/7/23	09/11/23	9/9/23 6:30 PM	9/9/23 8:45 PM	1:30	3.09	278.10	Data from flow meter	JJ
			9/17/2023 7:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.60	9/16/23	9/19/23	9/17/23 7:00 AM	9/18/23 2:00 AM	13:00	13.64	10639.20	Data from flow meter	JJ
016	R.R. Ave./10th. Street	Tygart Valley River																			
017	S. Davis Ave.	Tygart Valley River																			
018	S. Kerens Ave.	Tygart Valley River	9/8/2023 8:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.98	9/7/23	9/11/23	9/8/23 8:45 PM	9/9/23 2:00 AM	2:00	474.86	56983.20	Data from flow meter	JJ
			9/9/2023 2:00PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.98	9/7/23	09/11/23	9/9/23 2:00 PM	9/9/23 5:30 PM	1:00	233.42	14005.20	Data from flow meter	JJ
			9/11/2023 3:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.98	9/7/23	9/11/23	9/11/23 3:00 AM	9/11/23 5:45 PM	9:15	2.67	1481.85	Data from flow meter	JJ
			9/17/2023 5:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.60	9/16/23	9/19/23	9/17/23 5:00 AM	9/17/23 11:30 PM	11:45	293.24	206734.20	Data from flow meter	JJ
019	S. Henry Ave.	Tygart Valley River	9/7/2023 12:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.98	9/7/23	9/11/23	9/7/23 12:45 PM	9/7/23 12:45 PM	0:01	30.7	30.70	Data from flow meter	JJ
			9/8/2023 12:45PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.98	9/7/23	09/11/23	9/8/23 12:45 PM	9/8/23 11:00 PM	2:00	288.66	34639.20	Data from flow meter	JJ
			9/9/2023 2:15PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.98	9/7/23	9/11/23	9/9/23 2:15 PM	9/9/23 2:15 PM	0:01	79.51	79.51	Data from flow meter	JJ
			9/17/2023 6:45AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GOOD	<input checked="" type="checkbox"/>	Y	W	RAIN	1.60	9/16/23	9/19/23	9/17/23 6:45 AM	9/17/23 8:00 PM	3:15	135.36	26395.20	Data from flow meter	JJ
020	Flood Control Road	Tygart Valley River	9/8/2023 10:30PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.98	9/7/23	9/11/23	9/8/23 10:30 PM	9/8/23 10:45 PM	0:15	307.88	4618.20	Data from flow meter	JJ
			9/9/2023 6:15PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.98	9/7/23	09/11/23	9/9/23 6:15 PM	9/9/23 6:45 PM	0:15	143.54	2153.10	Data from flow meter	JJ
			9/17/2023 6:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	Y	W	RAIN	1.60	9/16/23	9/19/23	9/17/23 6:00 AM	9/18/23 2:15 AM	17:30	273.08	286734.00	Data from flow meter	JJ

Monthly Precipitation 4.13
Total Estimated Monthly Discharge 4536274.21

Wet Weather Events: 4 Dates: 9/7-9/11,9/12-9/14,9/16-9/19,9/23-9/26
Dry Weather Events: 1 Dates: 9/29
Total Events: 5

Semi-Annual Plant Flow per CSO Discharge Event

2nd Quarter 2023

Event Period	Outfalls Affected	Precipitation	Event Dates	Plant Influent Flow	Plant Effluent Flow
3/31-4/2	002,003,004,005, 006,007,008,011, 018,019,020	1.40	4/1,4/2,4/3	4,962,706 3,919,349 3,070,233	5,527,800 3,892,100 3,010,000
4/5-4/7	018,008	0.12	4/5,4/6,4/7	2,200,414 2,000,677 1,920,983	2,350,100 2,268,100 1,997,800
4/16-4/17	004,005,008	0.22	4/16,4/17,4/18	1,542,808 1,008,562 1,337,633	1,583,000 1,402,100 1,504,900
4/22-4/24	004,005,006,008, 018	0.33	4/22	1,799,932	1,895,000
4/27-4/30	004,005,006,008, 018	0.72	4/28	2,284,845	2,845,000
5/1-5/5	002,004,005,006, 008,009,011,018, 019,020	3.01	5/1,5/2,5/3, 5/4,5/5	3,649,089 6,022,192 6,042,650 4,430,754 2,803,967	4,203,100 8,684,800 9,210,200 6,623,800 3,379,200
5/7-5/10	002,004,005,006, 007,008,011,018, 019,020	1.55	5/7,5/8,5/9, 5/10	3,521,195 3,361,461 5,140,787 3,108,805	4,665,000 3,768,100 7,604,000 4,132,800
5/13-5/14	002,003,004,005, 006,007,008,011, 018,019,020	0.70	5/13,5/14	4,129,139 2,797,996	5,269,000 3,250,000
5/16-5/17	004,005	0.24	5/16	2,634,080	2,887,000
5/28-5/29	004,005,008	0.17	5/29	1,766,637	1,506,800
6/3-6/4	002,003,004,005, 006,007,008,011, 018,019,020	1.30	6/3,6/4	3,951,807 2,438,433	4,014,900 2,255,100
6/12-6/14	002,004,005,006, 008,018,019,020	1.02	6/12,6/13,6/14	2,741,000 1,401,258 2,956,335	2,484,900 1,368,200 2,715,800
6/16-6/17	002,004,005,006, 007,008,011,018, 019,020	0.59	6/16,6/17,6/18	3,365,916 1,770,759 1,420,331	2,998,000 1,670,900 1,332,000
6/20-6/25	002,003,004,005, 006,007,008,011, 018,019,020	2.86	6/20,6/21,6/22 6/23,6/24,6/25	1,989,154 2,063,428 2,828,629 5,811,514 5,815,658	1,902,100 1,897,900 2,662,100 5,865,000 5,767,100

6/26-6/28	002,004,005,006, 008	0.39	6/26,6/27	3,468,261 2,987,581	3,210,000 2,797,100
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Semi-Annual Plant Flow per CSO Discharge Event
3rd Quarter 2023

Event Period	Outfalls Affected	Precipitation	Event Dates	Plant Influent Flow	Plant Effluent Flow
7/1-7/7	002,004,005,006, 007,008,018,019, 020	1.25	7/1-7/2-7/3- 7/4 7/5-7/6-7/7	2,666,695 2,304,511 2,780,481 2,792,413 1,975,352 1,912,065 1,683,677	2,478,000 2,189,000 2,564,000 2,691,200 1,031,000 1,022,900 958,000
7/9-7/10	002,003,004,005, 006,007,008,011, 019,020	0.94	7/9	5,234,371	4,667,000
7/14-7/19	002,004,005,006, 007,008,009,011, 018,019	1.75	7/15-7/16- 7/17 7/18	NO FLOWS FOR 7/15 & 7/16 9,660,089 2,361,724	NO FLOWS FOR 7/15 & 7/16 1,067,900 3,429,000
7/20-7/22	002,004,005,006, 007,008,011,018, 019,020	0.70	7/20-7/21- 7/22	4,065,278 2,390,138 1,838,753	3,889,900 1,716,300 1,722,900
7/27-7/31	002,004,005,006, 007,008,011,018, 019,020	2.50	7/27-7/28- 7/29 7/30-7/31	2,938,304 3,082,613 4,881,925 3,096,632 2,968,537	2,845,000 2,741,000 4,303,000 2,762,000 2,805,200
8/6-8/11	002,004,005,006, 008,011,018,019, 020	1.37	8/6-8/7-8/8- 8/9 8/10	1,789,542 4,418,670 2,526,319 2,131,583 2,549,009	1,528,100 4,082,000 2,315,900 2,017,100 2,288,800
8/12-8/13	002,003,004,005, 006,007,008,011, 018,019,020	1.02	8/12-8/13	3,366,779 4,740,686	3,229,000 4,263,900
8/23-8/26	002,004,005,006, 007,008,011,018, 019,020	1.19	8/23-8/25- 8/26	1,853,937 1,822,629 4,225,931 1,935,160	1,738,000 1,499,000 4,043,900 1,760,000
8/28-8/30	002,003,004,005, 006,007,008,011, 018,019,020	1.88	8/28-8/29- 8/30	1,568,883 6,188,268 5,215,234	1,479,000 6,340,100 5,225,100
9/7-9/11	002,003,004,005, 006,007,008,009, 011,018,019,020	1.98	9/7-9/8-9/9- 9/10-9/11	1,586,813 3,526,405 5,012,525 4,377,834	1,540,000 3,477,100 4,653,800 3,981,200

				3,612,175	3,381,800
9/12-9/14	009	0.10	9/12	2,398,840	2,257,100
9/16-9/19	002,004,005,006, 007,008,011,018, 019,020	1.60	9/17-9/18	1,592,979 7,951,488 4,947,746	1,406,000 7,731,900 4,528,100
9/23-9/26	004,005	0.45	9/23	3,159,551	2,730,000

ELKINS WASTEWATER SPILL REPORT

SPILL PHONE NUMBER 1-800-642-3074

WVDEP Reference Number: 42-32847

SPILL START	
DATE:	<u>4/18/23</u>
TIME:	<u>7:15 AM</u>
REPORTED TO WVDEP	
PERSONNEL REPORTING:	<u>Mike Currence</u>
DATE:	<u>4/18/23</u>
TIME:	<u>2:37 PM</u>

SPILL CORRECTED	
DATE:	<u>4/18/23</u>
TIME:	<u>10:45 AM</u>
REPORTED TO WVDEP	
PERSONNEL REPORTING:	<u>Mike Currence</u>
DATE:	<u>4/18/23</u>
TIME:	<u>2:37 PM</u>

LOCATION:	<u>Outfall # C008, Worth Ave.</u>		
FLOW TO STREAM?	<u>Yes</u>	NAME OF STREAM:	<u>Tygart Valley River</u>
TYPE OF MATERIAL SPILLED:	<u>Sewage</u>		
CAUSE:	<u>Both pumps at Lift Station # 3 plugged</u>		
AMOUNT OF SPILL:	<u>59,674 Gallons</u>		
DURATION OF SPILL:	<u>3 1/2 hours</u>		

CORRECTIVE ACTION TO STOP:	<u>Pulled and unplugged the pumps</u>
CORRECTIVE ACTION TO PREVENT FUTURE SPILLS:	<u>Unplugged pumps.</u> <u>Checking on availability of new style of pump empellers that resist clogging.</u>

COMMENTS:	<u>Power failed on Mon Power equipment. Generator came on but pumps plugged with debris. Unplugged pumps and called Mon Power to restore electricity to lift station. Flow was intermittent throughout the duration period and as recorded on flow meter at outfall.</u>
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SIGNATURE OF PERSON REPORTING:	<u><i>Mike Currence</i></u>
DATE:	<u>4/18/23</u>
SIGNATURE OF CERTIFIED OPERATOR:	<u><i>Thomas Howell</i></u>
DATE:	<u>4-19-2023</u>

ELKINS WASTEWATER SPILL REPORT

SPILL PHONE NUMBER 1-800-642-3074

WVDEP Reference Number: 42-35351


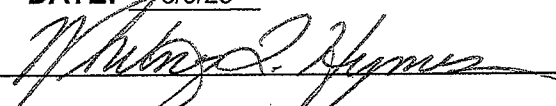
SPILL START	
DATE:	<u>7/11/23</u>
TIME:	<u>3:45 PM</u>
REPORTED TO WVDEP	
PERSONNEL REPORTING:	<u>Joseph Johnson</u>
DATE:	<u>8/9/23</u>
TIME:	<u>8:35 AM</u>

SPILL CORRECTED	
DATE:	<u>7/13/23</u>
TIME:	<u>8:45 PM</u>
REPORTED TO WVDEP	
PERSONNEL REPORTING:	<u>Joseph Johnson</u>
DATE:	<u>8/9/23</u>
TIME:	<u>8:35 AM</u>

LOCATION:	<u>Outfall S.Kerens Ave CO 018</u>		
FLOW TO STREAM?	<u>Yes</u>	NAME OF STREAM:	<u>Tygart Valley River</u>
TYPE OF MATERIAL SPILLED:	<u>Raw sewage</u>		
CAUSE:	<u>Obstruction over regulator</u>		
AMOUNT OF SPILL:	<u>6232.80 gallons</u>		
DURATION OF SPILL:	<u>53 hours</u>		

CORRECTIVE ACTION TO STOP:	<u>It washed out obstruction</u>
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CORRECTIVE ACTION TO PREVENT FUTURE SPILLS:	<u>Check regulators</u>
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COMMENTS:	<hr/> <hr/>
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SIGNATURE OF PERSON REPORTING:	<u></u>
DATE:	<u>8/9/23</u>
SIGNATURE OF CERTIFIED OPERATOR:	<u></u>
DATE:	<u>8/9/23</u>

ELKINS WASTEWATER SPILL REPORT

SPILL PHONE NUMBER 1-800-642-3074

WVDEP Reference Number: 42-36221

SPILL START

DATE: 9/29/23
TIME: 8:00PM

REPORTED TO WVDEP

PERSONNEL REPORTING: Joe Johnson
DATE: 10/2/23
TIME: 9:20AM

SPILL CORRECTED

DATE: 9/29/23
TIME: 8:00PM

REPORTED TO WVDEP

PERSONNEL REPORTING: Joe Johnson
DATE: 10/2/23
TIME: 9:20AM

LOCATION: Outfall C004 Henry Ave

FLOW TO STREAM? YES

NAME OF STREAM: Tygart Valley River

TYPE OF MATERIAL SPILLED: Sewer

CAUSE: Unknown

AMOUNT OF SPILL: 7771.32gal

DURATION OF SPILL: 1min

CORRECTIVE ACTION TO STOP: Checked regulator structure for restrictions

CORRECTIVE ACTION TO PREVENT FUTURE SPILLS: Ongoing CSO maintenance which includes inspections of CSO structures as well as review of flow meter data.

COMMENTS: No discharge or evidence of a discharge was observed during routine CSO inspection
Discharge was discovered during later review of flow meter data. Regulator may have been partially blocked then later washed out.

SIGNATURE OF PERSON REPORTING: _____

DATE: 10/2/2023

SIGNATURE OF CERTIFIED OPERATOR: _____

DATE: 10/2/2023

**CITY OF ELKINS
WASTEWATER COLLECTION
COMPLAINT SUMMARY
2nd Quarter 2023**

DATE	ADDRESS	COMPLAINANT	COMPLAINT	CAUSE	CORRECTIVE ACTION	OPERATOR(S)
4/1/2023	105 Ferrndale Ave	Mike Huffman	Sewer Complaint	Sewer Tap Plugged	Used Vector Truck to get it open	J.T.C.L
4/3/2023	220 Davis St	No Name	Sewer Problem	Sewer in Basement	Checked Main it was open	M.H.M.C.W.H
4/3/2023	114 16th St	No Name	Sewer Complaint	Sewer Tap Plugged	Used Vector Truck to get it open	J.T.J.R.G.H.N.Y
4/4/2023	116 Pleasant Ave	Chad	Sewer Problem	Sewer Tap Plugged	Used Vector Truck to get it open	J.R.N.Y
4/5/2023	116 Pleasant Ave	Chad	Sewer Problem	Sewer Tap Plugged	Used Vector Truck to get it open	J.R.N.Y
4/5/2023	80 High St	Ryan Summerfield	Sewer Complaint	Sewer Tap Plugged	Used Vector Truck to get it open	M.H.J.T.J.R
4/11/2023	522 Yokum St	No name	Sewer Problem	Hole in the yard	Checked Main it was open	J.T.N.Y
4/11/2023	16 River St	No Name	Sewer Problem	Sewer Backing Up	Main line was open	J.T.J.R.N.Y
4/13/2023	1122 S Davis	No Name	Sewer Complaint	Sewer Tap Plugged	Used Vector Truck to get it open	J.T.G.H
4/17/2023	401 Center St	No Name	Sewer Complaint	Sewer Working Slow	Checked cleanout it was open	J.T.G.H
4/18/2023	324 Kerens Ave	No Name	Sewer Problem	Sewer Tap Plugged	Used Vector Truck	J.T.J.R.M.H.M.C
4/18/2023	100 2nd St	Kurt Gainer	Sewer Complaint	Sewer Backing up	Checked Main it was open	J.T.J.R.M.H.M.C
4/20/2023	252 Terrace Ave	Michael Marrs	Sewer Problem	Sewer Tap Plugged	Checked Main it was Ok	J.R.N.Y
4/25/2023	124 Harpertown	Donnie Huffman	Sewer Complaint	Sewer Backing Up	Sewer Main was Open	J.T.J.R.N.Y.G.H
4/26/2023	124 Harpertown	Donnie Huffman	Sewer Complaint	Sewer Tap Plugged	Used Vector Truck to get it open	M.H.M.C.J.R.N.Y
4/28/2023	202 Southview Dr	No Name	Sewer Problem	Water in Basement	Used Vector Truck to clean Main	J.T
5/1/2023	1114 S. Henry	No Name	Sump Pump	Pumping out into the road	Maybe they can plumb into sewer	M.H.M.C
5/2/2023	123 S Gate	Dewaine Cortley	Sewer Problem	Water in Meter	Took sample to Sewer Plant	J.T.G.H
5/3/2023	105 Ferrndale Ave	Mike Huffman	Sewer Complaint	Sewer Backing Up	Used Vector Truck to get it open	M.H.J.T.J.R.G.H
5/4/2023	946 S Henry	No Name	Sewer Problem	Sewer Tap Plugged	Used Vector Truck to get it open	J.T.J.R.N.Y.G.H
5/7/2023	202 Southview Dr	No Name	Sewer Problem	Sewer Backing Up	Checked Sewer Main it was open	J.T.J.R
5/8/2023	1214 South Henry	No Name	Sewer Problem	Sewer Backing Up	Cleanout was empty	J.T.J.R.G.H.N.Y
5/8/2023	118 Wilson St	No Name	Sewer Complaint	Water Backing Up	No Cleanout, main was flowing	G.H.N.Y
5/9/2023	106 Ellis Ave	No Name	Sewer Complaint	Sewer Tap Plugged	Used Vector Truck to get it open	J.T.J.R.N.Y
5/9/2023	5 Goff St	No Name	Sewer Complaint	Sewer Tap Plugged	Used Vector Truck to get it open	M.H.M.C.J.T.J.R
5/9/2023	220 Davis St	No Name	Sewer Complaint	Sewer Backing up	Checked main it was open	J.T.J.R.N.Y
5/9/2023	971 Harrison Ave	No Name	Sewer Problem	Water Coming out of the bank	Checked Cleanouts they were OK	J.T.J.R.N.Y.G.H
5/9/2023	906 W Central	No Name	Sewer Problem	Water in Basement	Sump Pump working all the time	J.T.J.R.N.Y
5/10/2023	101 Barron Ave	No Name	Sewer Complaint	Water in Basement	Checked main it was open	J.T.J.R.N.Y
5/12/2023	220 Davis St	No Name	Sewer Problem	Sewer Backing up	Checked main it was flowing	J.R.N.Y
5/12/2023	16 River St	No Name	Sewer Complaint	Sewer Under the House	Main line was open	M.H.J.T
5/15/2023	299 Marro Drive	No Name	Sewer Problem	Sewer Backing up	Cleanout was empty, main was OK	J.T.G.H
5/16/2023	44 Locust St	No name	Sewer Problem	Sewer Tap Plugged	Used Vector Truck to get it open	J.T.J.R.N.Y.G.H
5/19/2023	129 Boundary Ave	No Name	Sewer Problem	Sewer Backing up	Cleaned Sewer Main 310'	N.Y.J.J
5/22/2023	229 Boundary Ave	No Name	Sewer Problem	Sewer Complaint	We dye tested it came out in manhole	M.H.M.C
5/23/2023	104 2nd St	No Name	Sewer Complaint	Water in Basement	Checked Main it was open	M.H.M.C.G.H
5/30/2023	#2 Lift Station	Whiteman Ave	Sewer Problem	Sewer Odor	Changed 3 Floats	M.H.J.T.J.R.G.H.N.Y.M.C
5/30/2023	111 Davis St	No Name	Sewer Problem	Water in Basement	Used Vector Truck to get it open 20'	J.T.G.H
5/31/2023	812 Gorman Ave	No name	Sewer Complaint	Sewer Backing Up	Used Vector Truck to get it open	J.T.J.R.N.Y
6/2/2023	105 Wilton Ave	Loreen Chenoweth	Sewer Problem	Sewer Backing Up	Cleanout was open on the city	M.H.J.T
6/2/2023	101 Spruce St	Robert Shelton	Sewer Complaint	Sewer Backing up	We tried to get it open with Jetter Truck	M.H.J.T.G.H
6/2/2023	2nd St	No Name	Sewer Problem	Water in Basement	Used Vector Truck to get it open	M.H.J.T.J.R.G.H.N.Y

6/5/2023	111 Mountainview D	No Name	Sewer Problem	Hole in her yard	Called a locate in to dig it up	M.H.W.H
6/5/2023	103 Washington Ave	No Name	Sewer Complaint	Sewer Backing up	Used Vactor Truck to get it open 30'	J.T.GH
6/6/2023	S Davis Ave	Reckart Logistics	Sewer Problem	Sewer Backing Up	Used Vactor Truck to clean Sewer Main	J.R.N.Y
6/7/2023	971 Harrison Ave	Youth Health	Sewer Problem	Sewer Tap Plugged	Used Vactor Truck to get it open 50'	J.T.J.R.N.Y.G.H
6/14/2023	220 Center St	No Name	Sewer Problem	Sewer Backing Up	They didn't have a cleanout	J.T.J.R.G.H.N.Y
6/19/2023	203 White Oak	No Name	Water Problem	Water Backing Up	Checked main it was flowing	J.R.N.Y
6/19/2023	Buffalo St	No Name	Sewer Problem	Sewer Backing Up	Checked main it was open	J.R.N.Y
6/22/2023	1016 S Kerens	Chris	Sewer Complaint	Sewer Tap Plugged	Used Vactor Truck couldn't get it open	N.Y.G.H
6/26/2023	119 Riverview Dr	No Name	Sewer Problem	Sewer Working Slow	Repair Floats at Lift Station	J.T.M.H
6/27/2023	Harman Lane	Chad	Sewer Problem	Sewer Tap Plugged	The problem was on them	M.H.J.T.M.C.G.H

**CITY OF ELKINS
WASTEWATER COLLECTION
COMPLAINT SUMMARY**

3rd Quarter 2023

DATE	ADDRESS	COMPLAINANT	COMPLAINT	CAUSE	CORRECTIVE ACTION	OPERATOR(S)
7/10/2023	Harrison Ave	No Name	Water Problem	Water running down the road	We checked storm drain it was open	M.H.J.T
7/15/2023	Robert E Lee	Ryan Summerfield	Sewer Problem	Sewer tap plugged	Used Vactor Truck to get it open 25'	M.H.N.Y
7/18/2023	100 Sunset Dr	No Name	Sewer Problem	Sewer tap plugged	Used Vactor Truck to clean tap 30'	J.T.J.R
7/18/2023	1016 1/2 S Kerens	No Name	Sewer Complaint	Sewer tap plugged	We couldn't get it open, told him to call plumber	J.T.J.R
7/19/2023	Robert E Lee	Ryan Summerfield	Sewer Problem	Sewer tap plugged	Used Vactor Truck to get it open 25'	M.H.J.T J.R
7/20/2023	217 Evergreen	No Name	Sewer Problem	Sewer Working Slow	She didn't have a cleanout the main was Open	J.T.J.R
7/21/2023	1709 Livingston Ave	No Name	Sewer Problem	Sewer main plugged	Used Vactor Truck to get it open 50'	J.R.N.Y G.H
7/27/2023	Reckart Logistics	No Name	Sewer Problem	Water backing up	Main was OK, they had water line leaking	J.T.G.H
8/1/2023	255 Diamond St	No Name	Water Problem	Hole in the road	It wasn't ours it was on State Road	J.R.N.Y
8/1/2023	536 Randolph Ave	No Name	Sewer Problem	Water in basement	Sump pump stopped working	J.R.N.Y
8/17/2023	13th St	No Name	Sewer Problem	Sink Holes	We put rock in them	J.R.N.Y
8/21/2023	300 Andrews St	Roger	Sewer Problem	Sewer backing up	Used Vactor Truck couldn't get it open	J.T.G.H
8/21/2023	Buffalo St	No Name	Sewer Problem	Sewer backing up	Used Vactor Truck to get it open 15'	J.T.G.H
8/25/2023	122 Ellis Ave	No Name	Sewer Problem	Sewer backing up	Checked Sewer main, we had lots of rain	M.H.J.R G.H.N.Y
8/28/2023	Bruce St	No Name	Water Problem	Water in yard	Checked Sewer Main it was open	J.T.G.H
8/30/2023	118 West View	No Name	Water Problem	Storm drain clogged up	Told them to call Street Dept	M.H.J.T.G.H
8/31/2023	137 Riverview	No Name	Storm Water	Water in yard	Street Dept is going to dig it up	M.H.J.T.G.H.C.C
9/7/2023	208 White Oak	No Name	Gas Odor	Gas in the ground	Checked Sewer Main and everything was good	M.H.J.R.N.Y
9/7/2023	7 Goff St	No Name	Sewer Problem	Sewer backing up	Used Vactor Truck to get it open 200'	J.T.G.H
9/13/2023	220 College St	No Name	Sewer Problem	Sewer backing up	Checked clean out it was open	J.R.N.Y
9/14/2023	248 Boundary Ave	No Name	Sewer Problem	Sewer working slow	Cleaned sewer main 252'	J.R.N.Y G.H
9/22/2023	123 Ferndale Ave	No Name	Water Problem	Water coming up in yard	Checked main it was open	M.H.J.T.G.H

City of Elkins – Compliance Milestones

LTCP Improvements

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

Timeline of Events

- 4/16/13 - SHPO issues the Architectural Resources approval for project (Archaeological Resources approved on 5/29/12).
- 4/22/13 - WVDEP issues a Findings of No Significant Impact (FONSI).
- 9/13/13 - WVDNR issues a License and Right of Entry.
- 9/19/13 - Submitted a WVDOH Right-of-Way Permit.
- 10/24/13 - WVDEP approved the Contract Drawings and Specification.
- 12/6/13 - Army Corps of Engineers issued Nationwide Permit.
- 2/4/14 - WVDEP issues NPDES Construction Stormwater Permit.
- 3/10/14 - Submitted Clean Water SRF Priority Fact Sheet to WVDEP
- 4/8/14 - Received Information from WVDEP Indicating the Agency Would Be Unable to Finance the Project.
- 5/8/14 - Sent a Letter to the West Virginia Infrastructure and Jobs Development Council (WVIJDC) Requesting a Funding Change for the Project
- 5/27/14 - Submitted a Certificate of Convenience and Necessity with the Public Service Commission of West Virginia (PSC).
- 6/24/14 - WVIJDC Funding Committee Approved the City Seeking Financing through a WVIJDC Loan.
- 6/25/14 - NPDES Permit Modification Submitted to WVDEP
- 7/3/14 - City Filed a Motion to Toll the Case at the PSC
- 7/9/14 - At the WVIJDC meeting, Council Approved Financing of the Project through a WVIJDC Loan.
- 7/14/14 - PSC Authorized the 30-Day Extension of the Tolling Period.

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

- 9/21/15 - Construction Progress Meeting – Completed installation of storm sewers. Lining of sewers has begun. Installation of water mains has begun. Continued on trench repairs.
- 9/25/15 - Completed lining of sewers.
- 10/15/15 - Construction Progress Meeting – Completed lining of manholes. Waterline improvements associated with new storm drains were completed. New sewer laterals began being installed for the residences along Kerens Avenue.
- 11/30/15 - Construction Progress Meeting – Work associated with the LTCP was completed with the exception of minor ancillary work. A punch list was created for items associated with this work.
- 1/14/16 - Began review of flow data for the Post Construction Monitoring Report. Construction work shut down due to weather.
- 2/1/16 - Construction restarted with installation of storm sewers along First Street.
- 2/8/16 - Construction began on storm sewer on Central Avenue.
- 2/9/16 - Construction work shut down due to weather.
- 3/7/16 - Construction Progress Meeting – Completed alley beside of WVDOH garage and First Street. Construction restarted with continued work on Central Avenue.
- 3/14/16 - Began storm sewers on Third Street.
- 3/17/16 - Completed storm sewers in Central Avenue.
- 4/6/16 - Completed storm sewers on Third Street.
- 5/6/16 - Requested funding to provide sewer televising along the Buffalo Creek Culvert and combined sewers and to purchase and install a flow meter on new storm line.
- 5/31/16 - Substantial Completion walkthrough completed.
- 6/1/16 - Date of Substantial Completion for the project.
- 7/7/16 - Certificate of Substantial Completion acknowledged by City.
- 7/25/16 - Performed CCTV of Buffalo Creek Culvert.
- 8/1/16 - Performed cleaning and CCTV on combined sewer at locations of known issues.
- 8/19/16 - Installed flow meter on new storm line at end of Kerens Avenue.
- 9/20/16 - Signed Agreement for improvements to sludge aeration system at the wastewater treatment plant.
- 9/30/16 - Contractor provided final pay estimate to the City.

- 10/21/16 - Report on Buffalo Creek Culvert completed.
- 12/19/16 - Began construction on aeration improvements at the wastewater treatment plant.
- 1/23/17 - Selected the scope of the Combined Sewer System Improvements Project, Phase 2.
- 1/31/17 - Submitted the Post Construction Monitoring Report for the Combined Sewer System Improvements Project.
- 3/20/17 - Signed amendment with Engineer to create a Preliminary Engineering Report for Combined Sewer System Improvements Project, Phase 2.
- 3/28/17 - Contractor reached Substantial Completion for the wastewater treatment plant aeration upgrades.
- 4/10/17 - Began manhole inspections for the Combined Sewer System Improvements Project, Phase 2.
- 4/11/17 - Completed manhole inspections.
- 5/21/17 - Began smoke testing for the sewers tributary to CSO 016.
- 5/25/17 - Completed smoke testing.
- 6/19/17 - Presentation of results from the manhole inspections and smoke testing to the Board.
- 8/21/17 - Options presented to the Board for the Phase 2 project.
- 9/11/17 - Accountant selected for the Phase 2 project.
- 9/18/17 - Board selected the scope for the Phase 2 project.
- 9/19/17 - Project Initiation form submitted to WVIJDC.
- 9/21/17 - WVIJDC approved the Project Initiation form for the Phase 2 project.
- 11/10/17 - Accountant forms added to the WVIJDC Project Dashboard.
- 12/8/17 - Preliminary Engineering Report added to the WVIJDC Project Dashboard.
- 1/23/18 - Phase 2 Project reviewed at the WVIJDC Technical Review and Funding Committee Meeting
- 2/7/18 - Project funding approved by the WVIJDC.
- 2/12/18 - Funding decision letter from WVIJDC sent.
- 2/26/18 - Engineering amendment for design approved by the Sanitary Board.
- 3/26/18 - Field work for Phase 2 design started.
- 4/18/18 - Completed field work for Phase 2 project.

- 5/14/18 - Smoke tested along Riverview Drive and Teaberry Hills areas of the City.
- 6/18/18 - Reviewed 30% design documents with the Sanitary Board.
- 8/20/18 – Reviewed 60% design documents with the Sanitary Board.
- 8/29/18 – Performed field work associated with the Buffalo Creek sewer improvements.
- 10/31/18 – Submitted Facilities Plan for Combined Sewer System Improvements, Phase 2 project to WVDEP.
- 11/7/18 – Conference call to discuss project progress (internal team members only)
- 11/19/18 – Board meeting to discuss project progress.
- 12/7/18 – Conference call to discuss project progress (internal team members only).
- 12/11/18 – Submitted Plans and Specifications for Combined Sewer System Improvements, Phase 2 project to WVDEP.
- 12/12/18 – Performed additional smoke testing in the Teaberry Hills section of the City.
- 1/19/19 – Submitted revised Facilities Plan to the WVDEP based upon comments.
- 1/22/19 – Conference call to discuss project progress (internal team members only).
- 2/19/19 – Conference call to discuss project progress (internal team members only).
- 3/14/19 – Conference call with WVDEP to discuss project progress.
- 3/18/19 – Board approved Engineering Amendment covering the construction and post construction phase services associated with the Combined Sewer System Improvements, Phase 2 project.
- 4/9/19 – Conference call with all team members.
- 4/16/19 – Updated cash flow was created.
- 4/30/19 – First draft of the Schedule B created.
- 5/21/19 – Updated project schedule was circulated for review.
- 5/23/19 – Conference call with all team members.
- 5/24/19 – Final easement list created for the project.
- 6/6/19 - Received Categorical Exclusion for the project from WVDEP.
- 6/17/19 – Conference call with all team members.
- 6/25/19 – Received comments from the railroad plans.

- 7/10/19 – Conference call with all team members.
- 7/16/19 – Submitted the NPDES Permit Modification and the NPDES Construction Stormwater Permit to WVDEP.
- 7/23/19 – Soil borings were collected throughout the project area.
- 8/1/19 – Received comments from WVDOH on the project.
- 8/8/19 – Received comments from WVDEP on the NPDES Construction Stormwater Permit on the project.
- 8/15/19 – City Council approved the new Sewer Use Ordinance.
- 8/15/19 – Conference call with all team members.
- 8/19/19 – Sanitary Board recommended the project to move forward as presented with the proposed funding scenario to City Council for approval.
- 9/4/19 – Received approval of the Plans and Specifications from WVDEP.
- 9/5/19 – Received geotechnical report on the project area.
- 9/16/19 – Received approval for the NPDES Construction Stormwater Permit to WVDEP.
- 9/18/19 – Internal conference call to discuss steps to receive a sewer rate increase.
- 10/17/19 – First meeting of City Council to discuss the Project Ordinance.
- 11/6/19 – Team coordination call to move project towards bidding.
- 11/21/19 – City Council adopted the Project Ordinance.
- 12/3/19 – Army Corps of Engineers permit received for project.
- 12/10/19 – Team coordination call to move project to bidding.
- 12/10/19 – Railroad permit received for project.
- 1/10/20 – Team coordination call to move project to bidding.
- 2/13/20 – Team coordination call to move project to bidding.
- 3/10/20 – WVDOH issues right-of-way permit.
- 3/23/20 – Team coordination call to move project to bidding.
- 4/27/20 – Sanitary Board meeting to discuss tasks remaining to take project to bid.
- 5/13/20 – Team coordination call to move project to bidding.

- 6/10/20 – Team coordination call to move project to bidding.
- 6/16/20 – Meeting with property owner to finalize easements.
- 6/23/20 – Final title opinion issued for the project.
- 6/30/20 – Team coordination call to move project to bidding.
- 7/16/20 – First reading of the bond ordinance.
- 7/21/20 – Sanitary Board meeting to discuss tasks remaining to take project to bid.
- 7/29/20 – Team coordination call to move project to bidding.
- 8/4/20 – WVDEP issues binding commitment for SRF loan.
- 8/4/20 – WVDEP issues authorization to advertise.
- 8/6/20 – Second reading of the bond ordinance.
- 8/11/20 – First advertisement for bids placed in the newspaper.
- 8/17/20 – Sanitary Board meeting to discuss tasks remaining to take project to bid.
- 8/18/20 – Second advertisement for bids placed in the newspaper.
- 8/25/20 – Pre-bid meeting for the project.
- 9/3/20 – Third reading of the bond ordinance.
- 9/10/20 – Bid opening for the project.
- 9/15/20 – Conference call with team to discuss bid results.
- 9/21/20 – Sanitary Board meeting where contract was tentatively awarded.
- 9/23/20 – Team coordination call to receive funding.
- 10/7/20 – Conference call to set loan closing date.
- 10/19/20 – Loan closing.
- 10/19/20 – Preconstruction meeting.
- 1/18/21 – Construction contract start date per the Notice to Proceed
- 1/25/21 – Contractor began mobilizing to the site
- 2/8/21 – First day of construction on site

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

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

- 1/11/23- Meeting to discuss results of the Post Construction Monitoring Report for the Phase 2 Project and possible LTCP public meeting.
- 1/23/23- Public meeting for the revised LTCP.
- 1/26/23- Submitted the revised LTCP along with the Post Construction Monitoring Report For the Phase 2 project to the WVDEP.
- 1/29/23- Submitted a Clean Water State Revolving Fund Priority List Application for the Phase 3 project to WVDEP.
- 3/20/23- Site visit to review sites of the proposed Phase 3 project.
- 3/28/23- Interviews for engineering consultants for the Phase 3 project.
- 3/31/23- Board selected engineering consultant for Phase 3 project
- 4/15/23- Scoping meeting to discuss the Phase 3 project.
- 4/20/23- Received comments from WVDEP on draft LTCP.
- 6/7/23- Engineering fee estimate for the Phase 3 project submitted to the Board.
- 8/21/23- Board Meeting to finalize scope of engineering agreement.
- 9/18/23- Engineering agreement for the Phase 3 preliminary engineering Report approved by Board.