

City of Elkins

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 1/30/2025
Date

X Whitney L. Hymes
Printed Name of Authorized Representative

X Wastewater Superintendent / Chief Operator
Title of Authorized Representative

X J. Johnson
Signature of Preparer

X 1/30/2025
Date

X Joseph W. Johnson
Printed Name of Preparer

X CSO Tech
Title of Preparer

Table of Contents

I.	Introduction.....	3
II.	Nine Minimum Controls.....	3
A.	Elimination of CSOs during Dry Weather	3
B.	Control of Solid and Floatable Materials in CSOs	5
C.	Pollution Prevention	6
D.	Public Notification	7

Tables

Table 1-2024 DWO's.....	4
Table 2-Monitoring Devices.....	5

Attachments

Attachment A-Pollution Prevention	8
Attachment B-Catch Basin Cleaning Schedule	9
Attachment C-Garbage Collection Schedule	10
Attachment D-Street Sweeper Schedule.....	11
Attachment E-Leaf Pick-up Schedule.....	12
Attachment F-Bulk item pick up	13
Attachment G-Annual Legal Notice	14-15
Attachment H-Public Service Announcement	16
Attachment I-CSO Identification & Warning Sign.....	17
Attachment J- Public Stream Access Warning Sign	18
Attachment K-Emergency Notification.....	19
Attachment L-Pamphlets.....	20

I. Introduction

On September 22, 2011, the City of Elkins (city) entered into a Consent Decree (CD) with the West Virginia Department of Environmental Protection (WVDEP) and the United States Environmental Protection Agency (EPA). As noted in Paragraph 9.d, the city is to complete a CSO Summary Report (Annual Report), which is to be submitted to WVDEP by March 31st of each year. This is the 14th such Annual Report under this CD for the period of January 1, 2024 through December 31, 2024. Per the CD, the city is to address information on the following controls provided in the Nine Minimum Controls (NMC) Plan:

- Elimination of CSOs during Dry Weather
- Control of Solids and Floatable Material
- Pollution Prevention
- Public Notification

The following sections of the Annual Report address each of the above-noted controls.

II. Nine Minimum Controls

A. Elimination of CSOs during Dry Weather (CD Paragraph 9.d)

1. Number of Reported Events (CD Paragraph 9.d.i)

The city continues to work to comply with meeting the control of prohibition of dry weather overflows and utilizes flow meters, and inspections to detect DWOs. The city exercises careful procedures for documentation and reporting of dry weather overflows in an effort to prevent future overflows. Table 1 summarizes dry weather overflows from the CSOs that reached waters of the State from January 1, 2024 through December 31, 2024. Additional information on the events listed in the table was submitted to WVDEP, in accordance with reporting requirements in the NPDES Permit.

Table 1

Annual CSO DWO Event Summary					
Year: 2024			Number of Events 7		
Outfall # or Location	Date	Cause	Corrective Action	Duration (hrs:mins)	Flow (Gal.)
C016	2/3-2/5	Blockage	Removed Blockage	49:00	62,299.4
C016	2/6-2/8	Blockage	Removed Blockage	48:00	1861.08
301 Randolph Ave, Elkins WV	3/20-3/21	Blockage	Removed Blockage	N/A	50 to 80
C002	4/10	Blockage	Pump was pulled and cleaned	0:15	7628.1
C016	9/11	Water Department Flushing Hydrant	Water personnel was notified to decrease flow	1:15	6542.25
C008, C011	10/24,10,25	Vehicle hit hydrant	Water department fixed hydrant	4:15, 6:15	179,856.60 5865.00
C016	11/3,11/4,11/5,11/9	Blockage	Cleaned 700ft of line to remove blockage	18:15	6557.10

2. Cause of Discharge and Action to Prevent Further Events (CD Paragraph 9.d.ii)

There was seven DWO discharges for the year of 2024.

Actions to prevent future discharges, and as noted in Table 1 above, include:

- Check lift stations for proper operation
- Trying to get permanent generators for lift stations

Other actions the City has taken during the report period to help eliminate DWOs include:

- Cleaning and repair of sewer lines. Cleaned twenty three main lines for a total of 5601ft.
- Installed storm lines and taps
- Maintenance of lift stations to utilize available capacity
- Maintenance of emergency generators
- Inspections of CSO structures such as regulators to detect any blockages and inspect backflow preventers for proper operation.

3. Methods of Detection (CD Paragraph 9.d.iii)

Table 2 lists the methods of detection currently utilized by the city.

Table 2

CSO #	Flow Monitoring Devices		
	Outfall Location	Type of Device	Regulator/Overflow Location
002	Barron Ave.	Flow Meter	Barron Ave.
003	Cherokee St./Center St.	Flow Meter	Cherokee St./Center St.
004	Henry Ave./River St.	Flow Meter	Henry Ave.
005	Kerens Ave./River St.	Flow Meter	Kerens Ave.
006	Davis Ave.	Flow Meter	Davis Ave.
007	1 st Street/Railroad Ave.	Flow Meter	1 st Street/Railroad Ave.
008	Worth Ave.	Flow Meter	Worth Ave.
009	Gilmore St.	Flow Meter	Gilmore St./Pleasant Ave.
011	Mountainview Drive	Flow Meter	Mountainview Drive
016	S. Railroad Ave.	Flow Meter	S. Railroad Ave.
017	S. Davis Ave.	Flow Meter	S. Davis Ave.
018	S. Kerens Ave.	Flow Meter	S. Kerens Ave.
019	S. Henry Ave.	Flow Meter	S. Henry Ave.
020	Jones Drive	Flow Meter	Old Plant Lift Station

4. Remediation Methods for Material Deposits (CD Paragraph 9.d.iv)

Discharged material that accumulates on the riprap at the outfalls is removed manually by operating personnel. The city also maintains a Western Star 900ECO Combination Sewer Cleaner/vacuum truck that can be used to clean up debris from the ground or off of the surface of streams if necessary. Debris screens have been installed at two outfalls.

5. Potential Environmental Impacts (CD Paragraph 9.d.v)

Residual material was cleaned up as necessary.

B. Control of Solid and Floatable Material (CD Paragraph 9.e)

The city engages in the following practices to control floatable's. (See Attachments A-F):

- Trash baskets at lift stations
- Catch basin cleaning
- Garbage collection
- Trash containers located throughout the downtown area and parks
- Regularly scheduled street sweeping
- Leaf pick-up program
- Bulk item pickup
- Baffle and trash basket on overflow pipe for outfall # 020
- Debris screens at Outfalls # 004 and # 005
- Rip-rap at outfalls
- Voluntary community recycling

As noted above, debris screens have been installed on two outfalls. The CSO Tech plans to install screens on more outfalls.

C. Pollution Prevention (CD Paragraph 9.f)

1. Need for Source Control Measures at Government Level (CD Paragraph 9.f.i)

The city engages in the following practices as source control measures to prevent pollution (See Attachments A-F):

- Catch basin cleaning
- Garbage collection
- Trash containers located throughout the downtown area and parks
- Regularly scheduled street sweeping
- Leaf pick-up program
- Bulk item pickup available year round
- Voluntary community recycling

If other issues arise, the Board would then consider additional measures as may be necessary.

2. Educational Opportunities for the General Public (CD Paragraph 9.f.ii)

The city currently has pamphlets and fact sheets, located at City Hall, available to the public. Annually the City has a legal notice published in the local newspaper to inform residents of the location and purpose for the CSOs. See Attachment G. CSO information and educational literature is posted on the city web site to create awareness about CSOs. Schedules for the various pollution prevention programs are also on the city web site. See Attachment A.

3. Collection and Disposal of Household Hazardous Wastes (CD Paragraph 9.f.iii)

The city currently does not collect hazardous household wastes, however most of these items can be disposed of through other local sources such as auto repair shops, hospital, etc. The City will continue to monitor this through comments from the public and/or businesses and if a need arises the City would then consider developing a program or attempt to coordinate with others in the area to address the issue.

4. Recycling (CD Paragraph 9.f.iv)

Although the City does not administer a recycling program, recycling is available through various businesses throughout the city and a voluntary recycling center in the county. There is also a program with curb-side pick-up by a volunteer organization within the city limits. Many residents voluntarily participate in these existing programs.

5. Street Cleaning (CD Paragraph 9.f.v)

The city maintains a street sweeping schedule from early spring through summer and into fall of each year (as weather allows). See Attachment D.

D. Public Notification (CD Paragraph 9.g)

1. Signs for CSOs (CD Paragraph 9.g.i)

All outfalls have signs posted which identify the outfall and a warning sign concerning discharges. The signs include contact information. See example of the sign in Attachment H (information on other outfalls can be provided if requested).

2. Signs for Public Stream Access Points (CD Paragraph 9.g.ii)

Warning signs are posted at the ten most actively used river access points. See example of the sign in Attachment I.

3. Public Information on CSO Discharges (CD Paragraph 9.g.iii)

The city maintains a log book of CSO reports located at City Hall and available to the public. In the future, the city web site may be used to display discharge data. The Sanitary Board has made presentations to City Council on past activities, conditions and obligations associated with the CSOs.

4. Public Information for Critical and Immediate CSO Discharges (CD Paragraph 9.g.iv)

The city notifies the DEP Spill Line for all CSO dry weather discharges. The City also has procedures in place in the form of an emergency radio/newspaper notification to alert the public in the event of a long term spill if necessary. See Attachment K.

5. CSO Pamphlets (CD Paragraph 9.g.v)

CSO pamphlets are available to the public and are located at the Utility Billing Dept. at City Hall. See Attachment L. Pamphlets and other CSO literature is also posted on the city web site.

6. Log Book for Public Review (CD Paragraph 9.g.vi)

A log book containing CSO reports including monthly, quarterly, and spill reports is located in the lobby of City Hall at the Utility billing Office. This log book is accessible by the public at will.

7. CSO Public Education Programs (CD Paragraph 9.g.vii)

Currently the City's public education efforts are the pamphlets, log book and information on the web site. While these have been utilized by the residents, there have been no documented comments or suggestions on any of the information available.

8. Comments from Public concerning CSOs (CD Paragraph 9.g.viii)

There have been no documented comments from the public concerning the CSOs. Future use of the web site and local media for announcements may generate increased interest in the CSO system.

ATTACHMENT A

Pollution Prevention

The City of Elkins has implemented many pollution prevention programs that help minimize CSO impacts. Although it is difficult to calculate precisely the resulting pollutant reductions, the city believes that significant loads to the receiving streams would occur without these measures. The City of Elkins intends to continue to implement these programs and to improve and enhance them where needed. These programs include:

Street Sweeping. The city's street sweeping program cleans many areas, especially the downtown business area, on a daily basis. Other areas are cleaned weekly. These frequently cleaned areas are generally within the combined sewer area and remove a considerable solids load from the street surface, preventing them from being flushed into the combined sewers. The street sweeping program is administered by the City's Street Department.

Solid Waste Collection. The city controls solid waste/litter in the downtown area as well as the recreational areas with a network of trash receptacles. Residential areas within the city are also served by curb-side garbage pick-up on a weekly basis. These areas are serviced by the City's Sanitation Department which also offers removal of construction/remodeling material on an as needed basis. Bulk refuse such as furniture, appliances, etc. is picked up on an as needed basis by the City's Sanitation Department. Areas outside the corporate boundaries of the city are serviced by a private sanitation company.

Bulk pickup. The City of Elkins Sanitation Department conducts bulk pickup year round you have to call to schedule for a fee.

Fall Leaf Pick-up. The City of Elkins Street Department conducts an annual city-wide leaf pick-up program every fall. Residents are required to rake their leaves to the curb where City crews can easily get to them. Every year this program removes a tremendous amount of leaves, sticks and other debris which would otherwise be washed into the combined sewers through the street drains, possibly creating blockages in the main lines.

Catch Basin Cleaning. The catch basins throughout the city are cleaned and maintained by the City of Elkins Street Department. Regular maintenance of the catch basins follows a catch basin cleaning & maintenance schedule.

Recycling. The City of Elkins currently does not conduct a recycling program; however, recycling is available through many entities throughout the city and the county. Many residents voluntarily participate in recycling.

Public Education. Informational pamphlets are available to the public at the Utility Billing Office at City Hall and on the city web site. Fact sheets are available to be distributed to local businesses. CSO literature as well as program schedules are also available on the city web site, www.cityofelkinswv.com.

Other Programs. The city also has other measures to address pollution prevention such as a sewer use ordinance as well as other ordinances prohibiting storm water connections to sanitary sewers, illegal dumping, and blowing grass clippings into the street.

ATTACHMENT B

CATCH BASIN CLEANING & MAINTENANCE SCHEDULE FOR 2024

1ST WARD
APRIL & MAY 2024

2ND WARD
JUNE & JULY 2024

3TH WARD
AUGUST & SEPTEMBER 2024

4TH WARD
OCTOBER & NOVEMBER 2024

5TH WARD
MARCH & APRIL 2024

ALL CATCH BASIN ARE TO BE CLEANED OF DEBRIS.

**CATCH BASIN WILL BE INSPECTED AT THIS TIME AND ANY REPAIRS NEEDED
WILL BE MADE.**

ATTACHMENT C

Garbage Collection Schedule 2024

Monday

Alley-(Easy Street, Alley-(S. Henry-S. Kerens, Alley-(S. Kerens-S. Davis), Baxter Street, Blaine Avenue, Bill Teter Alley, Chestnut Street, Children Day Care, Coke Alley, Cole Avenue, Conaway Drive, Evans Street, Evergreen Drive, Ferndale Drive, Fifteenth Street (15th), McDowell Street, Miller Dist., Riverview Drive, Robinhood Lane, Scott Ford Road, Sixteenth Street (16th), South Davis Avenue, Southgate Road, South Henry Avenue, South Kerens Avenue, Sylvester Drive, Tannery Road, Thirteenth Street (13th), Twelfth Street (12th), Vector Avenue, Ward Alley, Ward Avenue, Whiteman Avenue, Eleventh Street (11th), Easy Street, and Tygart Avenue.

Tuesday

Alley-(Elm-Boundary), Boundary Avenue, Boyd Street, Buffalo Street, Cherry Street, Court House, Diamond Street, Dodd's Flower Shop (Alley), Earl Street, Ed Weese Alley, Guy Street, Davis Electric, Harper town Road, High Street, Ken Auvil Apt., Key Street, Kump Alley, Locust Street, Appalachian Community Health, Oak Street, Park Street, Randolph Avenue, Terrace Avenue, Vine Street, Weese Street, WIC, Summit Street, Elm Street, and Howell Street.

Wednesday

Alley-(Central-Main), Alley-(Dent-Main), Alley-(Harrison-Gorman), Alley-(Harrison-Yokum), Alley-(Pleasant-Grant), Barnard Avenue, Blue Grass, Central Street, Children's Home, Doctors Hill, Ervin Lane, Findley Street, Gilmore Street, Glendale Drive, Goff Street, Gorman Avenue, Grant Street, Hanley Street, Harrison Avenue, Jack Carr Hill, Kerens Hill, Lena's Beauty Shop, Main Street, Maplewood, North Street, N.E. Randolph Avenue, Orchard Street, Pleasant Avenue, Porter Avenue, Red House Alley, Robert E. Lee, Robert E. Lee Alley, Seventh Street (7th), Virginia Avenue, Walnut Street, Wayne Avenue, Wilson Street, Worth Avenue, Yokum Street, Bruce Street, Dairy Avenue, and West Main Street.

Thursday

Alley-(Henry-John), Barron Avenue, Center Street, Cherokee Street, Davis Electric, Davis Street, Eleventh Street (Car Wash-11th st), Factory Street, F.E. Runner Alley, First Street (1st), Graham Street, Henry Avenue, Jim Lewis Alley, John Street Alley, Kroger Alley, Lavalette Avenue, Livingston Avenue, Miller Dist., Moose Alley, Old Seneca Road, Pepsi Alley, River Street, Route 33, So. Davis Avenue, So. Randolph Avenue, Second Street (2nd), Street Cans, Thirteenth Street (13th), Wards Avenue, Taylor Avenue, Delaware Avenue, and Bridgewater.

Friday

Alley-(Heavner-George), Alley-(L. Pleasant-Children's Home), Alley-(Orchard-State), Andrews Street, Children's Home, City Hall Alley, College Street Alley, Ellis Avenue, Fifth Street (5th), Fourth Street (4th), Gateway Apartments, George Street, Graceland Drive, Grandview Drive, Harrison Avenue Alley, Heavener Avenue, Henry Avenue, John Street, Kerens Street, Knapp Street, Lincoln Avenue, Moore Street, Motor Lodge, Mountaineer Drive, Orchard Street, Pleasant Avenue, Railroad Avenue, Second Street (2nd), Sixth Street (6th), Southview Drive, Spruce Street, State Street, Sunset Drive, Sycamore Drive, West Central White Oak Lane, Wilton Street, Jones Lane, and Whisper wood.

ATTACHMENT D

CITY OF ELKINS 2024 STREET SWEEPER SCHEDULE

All parked vehicles are to be off the streets during times indicated on designated street sweeping days as listed below. CITY POLICE WILL ISSUE TICKETS FOR VIOLATION OF STREET SWEEPER RESTRICTIONS. Copies of the Street Sweeper schedule are available at City Hall and are posted on the City's website at www.cityofelkinswv.com

Please be a good neighbor and citizen; move your vehicles so the City streets can be kept clean.

<u>MONDAY 4 AM – 7 AM</u> Davis Av Eleventh St Fifteenth St Fourteenth St Henry Av John St Kerens Av Railroad Av S Twelfth St Scott St S Davis Av (11th St to S.Gate) S Railroad Av Tenth St Thirteenth St Ward Ave (S Davis Av to Livingston Av)	<u>TUESDAY 4 AM – 7 AM</u> Church Lane & Parking Lot (Bi-Weekly) Court St Fifth St First St Fourth St Gay St Hemlock Av High St (Davis St to Boundary Av) Park St Randolph Av Second St Sixth St Sycamore St (Randolph Av to Buffalo St) Third St	<u>WEDNESDAY 5 AM – 8 AM</u> Dent St Gorman Av Harrison Av Martin St Reed St Robert E Lee Av Worth Av	<u>THURSDAY 5 AM – 8 AM</u> Bruce St Beander Alley (Bi-Weekly) City Hall Parking Lot Gateway Hanley St N Randolph Av Seneca Mall Parking Lot Wilson St Virginia Av
<u>MONDAY 8 AM – NOON</u> Baxter St Blaine Av Bridgewater Est Center St Chestnut St Conaway Dr Davis St Dowell St Edgewater Dr Evans Dr Evergreen Dr Ferndale Dr Graham St Riverview Dr Robinhood Ln Sixteenth St S Davis Av (15th St to Robinhood Ln) S Earle St S Gate Rd Sylvester Dr Vector Av Ward Av (Alexander Av to S Davis Av) Whiteman Av	<u>TUESDAY 8 AM – NOON</u> Boundary Av Boyd St Buffalo St Cole Av Diamond St Easy St Elm St Fayette St High St (Boundary Av to Terrace Av) Key St Lavalette Av Livingston Av Locust St Marro Dr Oak St Posten Place Prospect St S Henry Av S Kerens Av Taylor Av Vine St	<u>WEDNESDAY 8 AM – NOON</u> Barnard Av Capitol St Cherry St Colonial Estates (Bi-Weekly) Earle St Findley St Glendale Av Goff St Grant St Guy St Heavener Av Highland Meadows (Bi-Weekly) Lincoln Av Lincoln Av Ext Lough St Maple St Maryland Av Mole St N Washington Av Orchard St Pine St State St Summit St Terrace Av Washington Av Wayne Av Westview Dr Yokum St (Robert E Lee Av to Lough St)	<u>THURSDAY 8 AM – NOON</u> Andrews St Central St Cherokee St College St Delaware Av Edgewood Ln Ellis Av Grandview Av John St (Center St to Davis St) Main St Mingo St Mountain View Dr North Av Pleasant Av River St Savannah St Southview Dr Spruce St Sunset Dr West Central St West Main St White Oak Ln Wilton Av Yokum St (Robert E Lee Av to Harrison Av)

Attachment E

FALL LEAF COLLECTION SCHEDULE **2024**

The dates for Fall Leaf Collection are announced over the local radio station, in the local newspaper, and on the City's website; leaf collection normally begins on the third Monday of October and lasts until it is no longer necessary. Sometimes they jump from one place to another depending on leaves on the streets.

Sunday	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	Saturday
	1 st Ward	2 nd Ward	3 rd Ward	4 th Ward	5 th Ward	

Attachment F

BULK PICKUP FOR 2024

- 1.Free monthly bulk pickups one large item on a set monthly schedule.
- 2.Special bulk pickups dispose of as many items as needed for a fee by appointment.

Monthly Bulk Item Pickup Schedule

First Monday, Second Tuesday, Third Wednesday, Fourth Thursday, Fourth Friday

Attachment G

Legal Notice

The City of Elkins, in accordance with its National Pollutant Discharge Elimination System (NPDES) Permit, maintains and operates a sanitary sewer collection and treatment facility serving the residents within and near Elkins, West Virginia.

A portion of the wastewater system operates as a combined system with combined sewer overflows (CSO's), which means during rain events, storm water runoff is carried into the sanitary sewer lines. During heavy rain events, the system could become overloaded with combined storm water runoff and sanitary sewer wastewater, and discharge into the receiving streams.

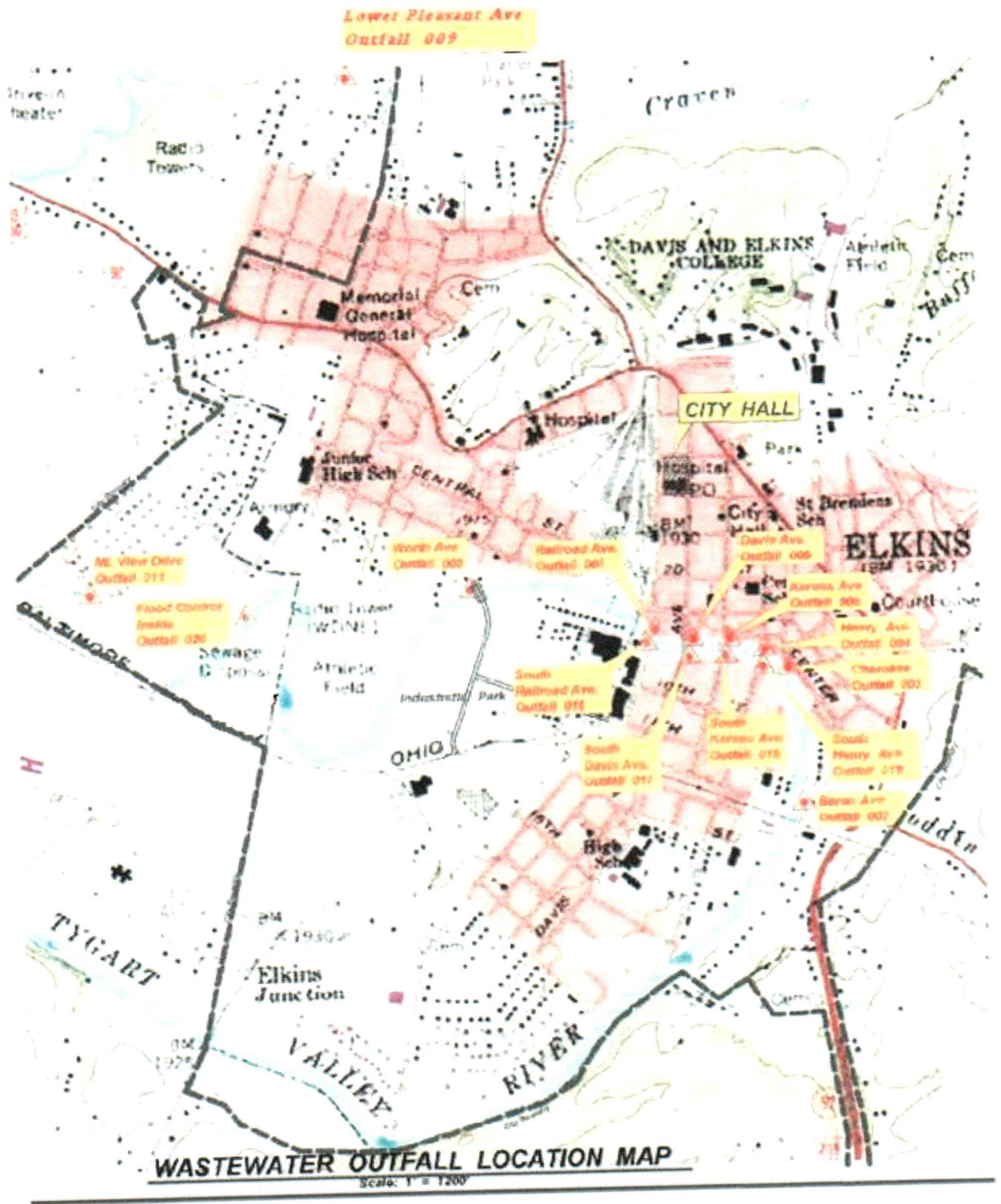
During dry weather the system can handle flows to the wastewater treatment plant and overflows do not normally pose a concern. However, be advised that during storm events or snow melt, these overflows may discharge and pose a potential health risk from contact with the river at the CSO points.

You are advised to avoid contact with the water during these overflow events. Should you observe a discharge event or have any questions regarding this advisory, please contact City of Elkins during normal business hours at (304) 636-1414. After 4:30 p.m. on business days or on weekends contact the non-emergency number of the E-911 Center at (304) 636-9526.

Listed below are the latitude and longitude of the fourteen CSO locations that are listed on the current NPDES Permit. Please note that each outlet is identified by outfall markers. A more legible map is on display in the Utility Billing Office of Elkins City Hall.

<u>CSO#</u>	<u>LATITUDE</u>	<u>LONGITUDE</u>	<u>RECEIVING STREAM</u>
C002	38 55'00"	79 50'46"	Tygart Valley River
C003	38 56'04"	79 50'29"	Tygart Valley River
C004	38 55'23"	79 50'49"	Tygart Valley River
C005	38 55'25"	79 50'54"	Tygart Valley River
C006	38 55'28"	79 50'59"	Tygart Valley River
C007	38 55'28"	79 51'06"	Tygart Valley River
C008	38 55'32"	79 51'28"	Tygart Valley River
C009	38 56'38"	79 51'36"	Leading Creek
C011	38 55'35"	79 52'20"	Tygart Valley River
C016	38 55'23"	79 51'02"	Tygart Valley River
C017	38 55'22"	79 50'57"	Tygart Valley River
C018	38 55'22"	79 50'52"	Tygart Valley River
C019	38 55'20"	79 50'48"	Tygart Valley River
C020	38 55'27"	79 51'59"	Tygart Valley River

Attachment G
Map for Legal Notice



Attachment H

Public Service Announcement

The City of Elkins' Wastewater Department would like to inform the public about their combined sewer overflow (CSO) system.

What is a Combined Sewer?

A combined sewer system conveys both sanitary sewage and storm water in one piping system. During normal dry weather conditions, sanitary wastes collected in the combined sewer system are diverted to the Elkins Wastewater Treatment Plant. The sanitary wastes are diverted at facilities called regulators. During periods of significant rainfall, the capacity of a combined sewer may be exceeded. When this occurs, regulators are designed to let the excess flow, which is a mixture of storm water and sanitary wastes, to be discharged directly into the Tygart Valley River or tributary waters at CSO outfalls. There are 14 CSO outfalls listed in the existing National Pollutant Discharge Elimination System (NPDES) permit from the United States Environmental Protection Agency. This excess flow is called Combined Sewer Overflow (CSO). Release of this excess flow is necessary to prevent flooding in homes, basements, businesses, and streets.

Where are CSO Outfalls?

There are 14 CSO outfalls located at various points along the Tygart Valley River within the city. One outfall is located on Cravens Run, a tributary of the Tygart River. The City has also posted signs at each CSO outfall. These signs include an identification sign with the outfall number and NPDES permit number, and a warning sign with a contact number. The exact location of these outfalls can be viewed on a map located in the Utility Billing Office at City Hall.

When do CSOs Occur?

CSOs should only occur during wet weather. Whether an overflow occurs and the magnitude of the overflow depends on many factors including rainfall volume, rainfall intensity, and recent rainfall in the area. CSOs typically overflow more in wet years than dry years and more intense rains also make it more likely that CSOs will occur. Please note that any contact with rivers and creeks immediately downstream of any sewer pipe discharge should be avoided.

Avoid Contact with Combined Sewer Overflows

The City of Elkins is committed to improving the quality of water within the city. Discharges may be dangerous to the public, due to the high flow of water that may exit these sewer outfalls. Potentially harmful substances may also be present in these discharges. The public is advised to stay away from any sewer pipe discharge.

What will happen if I go in the water near a CSO sign?

Most people will not get sick from just getting contaminated water on their skin. The biggest risk is from getting tainted water from an overflow in your mouth or in an open wound. The bacteria in untreated sewage might make you sick or cause infection, especially if you are already sick or have low immunity. In general, young children and elderly people may have a higher risk of getting sick.

What if my dog goes in the water near a CSO sign?

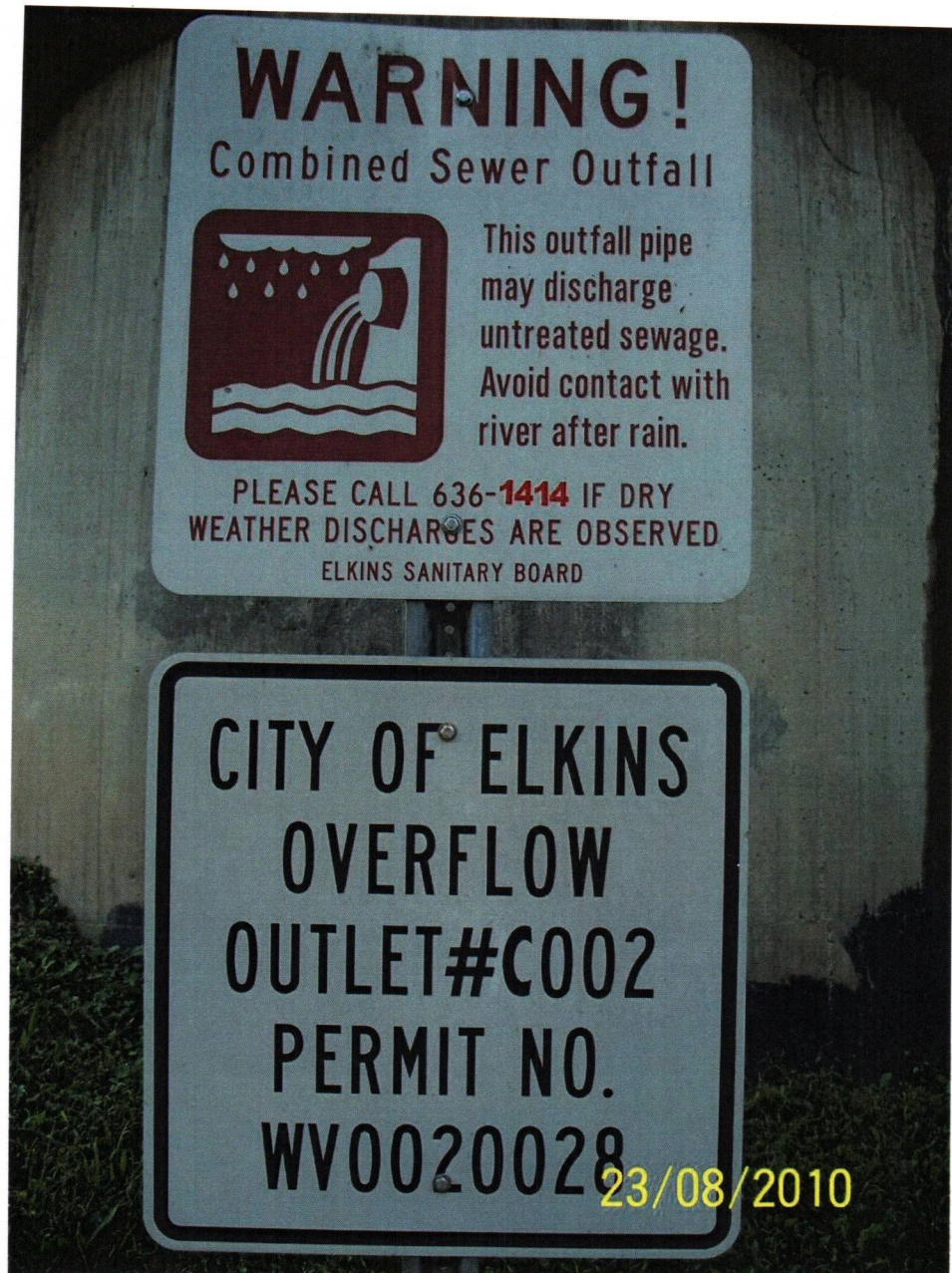
Animals are usually not affected, but if your pet does go in the water during an overflow, be sure to give it a good bath as soon as possible. If your pet is very young or old, it could be at higher risk. If your animal develops diarrhea, you should withhold food, and consult your veterinarian about what to do next.

Will I get sick from eating the fish I catch near these signs?

Public Health advises that you not to eat bottom fish caught near a CSO sign, because the sediments can be contaminated with chemicals from many years of pollution. Bottom fish (such as carp and catfish) may carry varying levels of contamination from long exposure to contaminated sediments. Eating these fish frequently may increase your risk of illness.

If you decide to eat bottom fish anyway, you can lower your risk by eating smaller, younger fish that may have fewer pollutants.

Attachment I
CSO Identification & Warning Signs



ATTACHMENT J
Public Stream Access Warning Sign



ATTACHMENT K

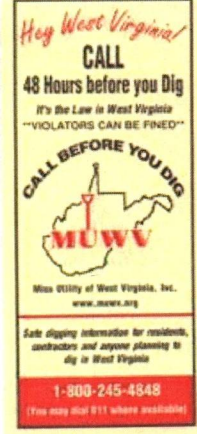
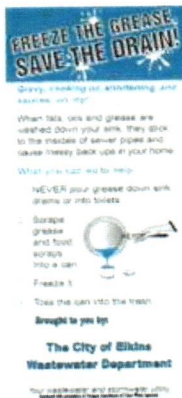
Emergency Radio/Newspaper Notification of a Long Term Spill (>24 Hours)

The City of Elkins Wastewater Department would like to inform the public of a wastewater spill at ____ (Insert: Waterway, Location) _____. The spill is expected to last for a period of ____ (Insert: Days, Hours, etc) _____. The City would ask people not engage in any activities in or along this section of the waterway until further notice.

For more information call (304)636-1414 during business hours of 8:00 am-4:30 pm, M-F.

ATTACHMENT L

Pamphlets



Enviro FACTS

