

## The City of Fairmont CSO Program

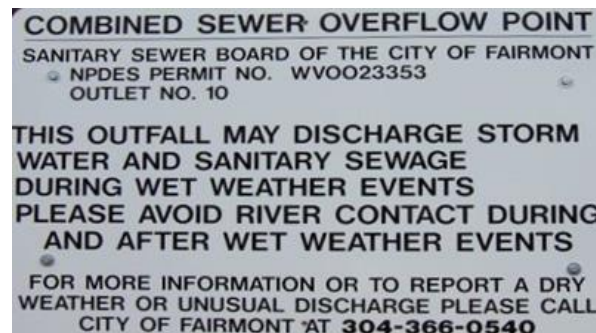
The City of Fairmont implements The Nine Minimum Controls outlined by The United States Environmental Protection Agency. The nine minimum controls are:

1. Proper Operation and Maintenance Program
2. Maximization of Storage in the Collection System
3. Review and Modification of Pretreatment Requirements
4. Maximization of Flow to the Wastewater Treatment Plant
5. Elimination of Dry Weather Overflows
6. Control of Solids and Floatable Materials
7. Pollution Prevention
8. Public Notification
9. Monitoring to Characterize CSO Impacts

The City of Fairmont has also submitted a Phase 1 Long Term Control Plan (LTCP) to the West Virginia Department of Environmental Protection Agency. The plan has been approved by the WVDEP. The LTCP goes beyond the nine minimum controls and consists of costly improvements to the wastewater collection system.

### CSO WARNING SIGNS

Warning signs have been placed at and around CSO outfall locations. The signs indicate that a CSO overflow is nearby and the waters may be polluted during and immediately following rain events. The CSOs should only discharge during wet weather events.



*Pictured is the CSO Warning Sign located at the Watson Lift-Station – photo taken by Matt Mike*

## PUBLIC NOTICE



### WET WIPES

Our Utility is asking customers to PLEASE stop flushing wet wipes down the drain. The collection system is being impacted dramatically from the disposal of wet wipes.

- Clogged lines & pumps
- Customer back-ups
- Cost of wipes removed by the utility and taken to the landfill
- Cost of repair
- By-pass of untreated sewage to rivers

We understand that wet wipe packaging states that wet wipes are disposable. However; wet wipes, do not break down fast enough and clog sewer lines.

Wet wipes cause so many issues for the homeowner and our utility. Please dispose of wet wipes into a garbage can.

“I Can. You Can. We all Can Together!” – David Sago

For more information or to report a CSO discharge during dry weather please contact us using the number listed below.

City of Fairmont  
Sanitary Sewer  
P.O. Box 1428  
Fairmont, WV 26554  
304-366-0540 Sewer



## Combined Sewer Overflow (CSO) Utility Flyer

The City of Fairmont Utility operates a wastewater collection system consisting of more than 160 miles of sewer pipe, more than 2000 manholes, and twenty-eight sewage lift-stations. These lift-station's pump through more than six miles of force main to gravity lines where all waste water is collected at an average 6 Million Gallons per Day (MGD) WWTP. The WWTP has an average flow of six MGD

This collection system conveys wastewater to the Wastewater Treatment Plant (POTW) from areas of The City of Fairmont, The Town of Barrackville, The Town of Monongah, Kingmill Valley PSD, Greater Paw Paw PSD, Colfax and Whitehall PSD.

### WET WIPES

**TRASH 'EM, DON'T  
FLUSH 'EM!!**

## Pretreatment Program Overview

The wastewater from homes, schools, hospitals, restaurants, businesses, and industrial facilities are all piped to your (POTW) Public Owned Treatment Works Combined Collection System. A combined collection sewer system carries both sanitary waste and stormwater drainage to the POTW for treatment.

### Our goal is to prevent:

- the discharge of materials that could cause health or safety problems to the public and/or damage the collection system.
- pollutants from bypassing our system and entering the local streams and rivers.
- solids from entering the system that could cause blockages in sewer lines.
- interferences with plant operations.
- waste that cannot be treated by the Waste Water Plant to enter our collection system.

The National Pretreatment Program is published in Title 40 Code of Federal Regulations Subsection 403.

Information on the City of Fairmont Pretreatment Program can be found in Ordinance No. 1509: Article 923, 'Sewer Discharge Control'.

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*The City of Fairmont Pretreatment Program appreciates your support and efforts in helping our collection system by not flushing any unwanted items!*

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## Help Us Keep Our Waters Clean!



*Pictured is the WWTP effluent entering the Monongahela River. – photo taken by Tim Andrew*

## Don't be the cause of a backup!

Please keep in mind what you flush down the drain, doesn't magically disappear. Flushed items from the list below are examples of items that can clog lines. Clogged pumps or lines require costly repair to fix the issue.

DON'T FLUSH any items like:

- DISPOSABLE WIPES!
- HAZARDOUS WASTE!
- Combustible Liquids
- Medications
- Needles
- Condoms
- Feminine hygiene products
- Diapers
- Clothing items
- Drinking straws
- Mechanical liquids
- FOG (Fats, Oils, and Grease)
- Deep-fryer oils
- Meats/Sauces/Food scraps
- Butter/Lard
- Dairy products
- Trash bags
- Kitty litter
- Paint

## CSO Program Overview



*Pictured is a wet weather visual of a combined sewer overflow system.*

Prior to 1983, when the City of Fairmont Wastewater Treatment Plant was put in service, the combined sewer system discharged raw waste at various points along local watersheds.

Ironically, CSOs were first installed to discharge excess flow from rain events as a means to improve public health by keeping sewers from backing up into homes, businesses, streets, lift-stations, and or exceed the treatment plant capacity.

Today, CSOs from combined sewer systems are considered pollution sources and communities are required by the Clean Water Act to develop plans to reduce CSO discharges.

The City of Fairmont inspects its 33 CSOs at least once per month and after each rainfall event. If a dry weather overflow is found, regulatory agencies are notified. The most common reason of an overflow event is from a sewer line blockage.

Inspection reports are logged for each inspection. The logbook is available for the public to review at the Customer Service Center located at 109 Merchant St. Fairmont W.V. 26554