



The Village of Montpelier

Combined Sewer Overflow

Notification Plan

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Village of Montpelier Waste Water Treatment Plant
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IMPLEMENTATION DATE NOV 2018
REVISED JAN 2024 (KS)

Find us on  Village of Montpelier Website: www.montpelieroh.net



Village of Montpelier

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July 13, 2023

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July 13, 2023

CSO PUBLIC NOTIFICATION PLAN FOR THE VILLAGE OF MONTPELIER

The Village of Montpelier, under the direction of the Ohio Environmental Protection Agency (OEPA) and according to section 425 of the Consolidated Appropriations Act of 2016, offers The Village of Montpelier CSO Public Notification Plan based upon requirements and occurrence and according to Part 122.38.

Historically the Village of Montpelier has monitored rain events, overflows and their impacts on the influent flow to the Waste Water Treatment Plant and receiving stream, the St. Joseph River. The Village has estimated totals, tested and observed the duration of these overflow events. The Village of Montpelier has taken these events seriously and continues its efforts to separate the storm water from the sewer water. Since 2009 our separation projects have made a significant impact and decreased the number and duration of overflows experienced in The Village of Montpelier.

During “Wet Weather” / “Rain Events” and the ensuing days after these events, the Village of Montpelier Wastewater Facility may not be able to accommodate all of the combined sewer flow from the Collection System and thus may have to discharge “untreated human sewage and harmful bacteria” directly into the St Joseph River. The amounts and length of these overflows vary on many conditions:

- Observation of duckbill if conditions allow
- Amount of Rainfall
- Duration of Rainfall
- Intensity of Rainfall
- Conditions of ground before and after the Rain Event
- Snow Melt or water runoff

It is incumbent on the Village of Montpelier Staff to calculate overflow estimates based on these noted factors.

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54

54 (2PD00003-003)

Located behind the Fire Station

41° 58' 33" N -84° 61' 44" W

The 54-Storm is a 54" storm sewer line that runs thru the heart of Montpelier.

Due to its age and deterioration, it also has been the focus of the majority of the Montpelier Sewer Separation Projects. Projects include:

Phase I – 2009-10

Phase A:

- \$2,794,271.36
- 11,750 lf. – 6"-8" San. Sewer Pipe
- 3,590 lf. – 24" San. Sewer Pipe
- 2,700 lf. – 12" Storm Sewer Pipe

Phase B:

- New Jefferson Street Lift Station
- 3,870 lf. – 12" Force Main Sewer Pipe

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Phase II – 2012-13

- \$796,232.16
- 4,900 lf. – 6”-8” San. Sewer Pipe
- 1,500 lf. – 15” San. Sewer Pipe
- Misc. Storm Sewer Replacement

Phase III – 2013-14

- \$631,719.10
- 5,800 lf. 6”-8” San. Sewer Pipe
- Misc. Storm Sewer Pipe

Phase IV – 2015-16

- \$1,666,022.86
- 7,200 lf. 6”-8” San. Sewer Pipe
- Misc. Storm Sewer Pipe

Phase V – 2017-18

- \$1,570,208.19
- 8,589 lf. – 6”-8” San. Sewer Pipe
- Misc. Storm Sewer Pipe

Phase VI – 2020

- \$2,375,762.48
- 7,593 lf. – 6” San. Sewer Pipe
- 7,722 lf. – 8” San. Sewer Pipe
- Misc. Storm Sewer Pipe

Phase VII – 2023

- As Bid: \$2,603,142.20
- 8,252 lf. – 6” San. Sewer Pipe
- 6,937 lf. – 8” San. Sewer pipe
- Misc. Storm Sewer Pipe

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Upon completion of Phase VI in June of 2020, the 54-Storm sewer was closed from the Village of Montpelier Sanitary Sewer System. Future plans include Phase VII which will be the final phase. This would complete the CSO designation in The Village of Montpelier Long Term Control Plan with the Ohio EPA as laid out in Montpelier's Discharge Permit.

54 LOCATION AND OPERATION

The 54-Storm sewer overflow is located in a vault and is controlled by (2) duckbill release ends, that were installed in 1999. This storm sewer is located on the West End of town behind the Village Fire Station. There are weirs and chambers that help contain the flow. In 2010 a lift station was installed, Jefferson Street Pumping Station. This station takes all the flow from the north side of town (being defined by the railroad tracks running thru the town) and Holiday City and delivers these flows to the Waste Water Treatment Plant.

The 54-Storm sewer is directly connected to our Jefferson Street Pumping Station and can be controlled thru an Automatic Sluice Gate. In June of 2020 after Phase VI of sewer separation, the Village of Montpelier closed and turned off the power to the Automatic Sluice Gate. ***Since June 2020 the Village of Montpelier no longer experiences overflow conditions from this source.***

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36

36 (004)

Located in a flood plain, in the river bottom south of the South Station

41° 58' 5" N -84° 61' 94"

36 LOCATION AND OPERATION

The 36-Storm is a 36" combined sewer line that carries the flows from the South Side of Montpelier, under the railroad tracks, thru a river bottom and delivers flows to the existing South (Randolph Street) Pumping Station.

Located in the flood plain of the south station river bottom, inspecting the 36-Storm can be challenging during the year. This overflow is located in a vault is and controlled by a duckbill release end, that was installed in 1999. There are weirs and chambers that help contain the flow. It is connected to the sewer line coming from the south side of town, under the Norfolk Southern Railroad and flowing directly into the South Station (aka Randolph Street Pumping Station). The Village of Montpelier has a weighted regulator that controls flow into the south station. Village employees will inspect and control the regulator to allow or restrict flow thru the station and to the Waste Water Plant. The regulator is never completely closed and The Village of Montpelier is working diligently on their sewer separation projects.

The carrier line from the south side of Montpelier running under the railroad tracks and thru the river bottom to the existing South (Randolph Street) Pumping Station was replaced in DEC 2020. Heavy I-&-I, worn gaskets, leaky manholes and dilapidated sewer lines were replaced.

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When conditions mandate, the 36 discharges directly into the St Joseph River. The 36 is inspected weekly or as weather conditions allow, to ensure the duckbill is correctly installed, working and debris free. During overflow events the Village of Montpelier attempts to estimate the gallons of overflow. This is a very difficult task due to the collection of vaults and weirs and the inherent nature of a duckbill attachment on the pipe. The Village also takes into consideration suspected infiltration. Other factors considered in overflow estimates:

- Observation of duckbill if conditions allow
- Amount of Rainfall
- Duration of Rainfall
- Intensity of Rainfall
- Conditions of ground before and after the Rain Event
- Snow Melt or water runoff

It is incumbent on the Village of Montpelier Staff to calculate overflow estimates based on these noted factors.

Upon completion of Phase VII in 2023, the 36-Storm sewer was closed from the Village of Montpelier Sanitary Sewer System. This completes the CSO designation in The Village of Montpelier Long Term Control Plan with the Ohio EPA as laid out in Montpelier's Discharge Permit. ***Since June 2020 the Village of Montpelier no longer experiences overflow conditions from this source.***



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SIGNAGE

Signs were made and installed prior to 2016. Signs were mounted to the structures that are connected to the St Joseph River and overflow locations. These signs are visible from the river. In June 2020 the 54-Storm became exclusively a storm sewer. The CSO 004 (36) sign is located at CSO 004 (36) overflow outfall and is inspected on a yearly basis and will be replaced as necessary.

Wording on sign:

Village of Montpelier

PERMIT #2PDO0003 KD

OUTFALL #004

419-485-5543 (*town hall number*)

THIS OUT FALL MAY BE SUBMERGED

AND COULD DISCHARGE UNTREATED

HUMAN SEWAGE AND HARMFUL

BACTERIA DURING WET WEATHER

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PUBLIC NOTIFICATION

ALERT 86

Alert86 is a message notification system used in Williams County that allows users to receive customized messages from local agencies. Once signed up for the alerts, users can receive notifications via text message, email or voice recording.

In the event of an overflow, the Village of Montpelier Waste Water Treatment Staff contacts Chief Dan McGee or Administrative Assistant Darrin Repp of the Montpelier Police Department and either employee will notify the public via the Alert 86.

Chief Dan Mc Gee
(419) 485-3121 work
(419) 485-2155 home
(419) 553-0081 cell

Darrin Repp
(419) 485-3121 work
(419) 553-9737 cell

To sign up visit www.alert86.com

WILLIAMS COUNTY HEALTH DISTRICT

Contact with the Williams County Health District was made and it was determined that there are no potentially impacted public areas. The Williams County Health District is on board with current plan and receives all notifications thru the Alert86 system.

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CSO OVERFLOW EVENT

FINDING INITIAL OVERFLOW EVENT

Thru the Village of Montpelier Waste Water Treatment Plant and lift station daily inspections, staff would observe or conclude an overflow event is occurring. Weather conditions may also indicate that an overflow is present.

Once the overflow event is observed the Montpelier Staff has four hours to notify the public. The staff will notify Town Hall (if during working hours) to be prepared for questions.

CONTACT ALERT 86 AND SEND MESSAGE

The Village of Montpelier Waste Water Treatment Staff will contact Chief Dan McGee or Administrative Assistant Darrin Repp of the Montpelier Police Department of the overflow observation and either employee will notify the public via the Alert 86.



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MESSAGE NOTIFICATION VERBATIM

1 CSO 54

The Village of Montpelier has observed an overflow event from the CSO 54 003. This outfall may be submerged and could be discharging untreated human sewage and harmful bacteria into the St Joseph River. Any questions please contact The Village of Montpelier at (419) 485-5543 or the Montpelier Waste Water Treatment Plant at (419) 485-2300.

2 CSO 36

The Village of Montpelier has observed an overflow event from the CSO 36 004. This outfall may be submerged and could be discharging untreated human sewage and harmful bacteria into the St Joseph River. Any questions please contact The Village of Montpelier at (419) 485-5543 or the Montpelier Waste Water Treatment Plant at (419) 485-2300.

3 End Message CSO 54

The CSO 54 003 reported by The Village of Montpelier has ended. Any questions please contact The Village of Montpelier at (419) 485-5543 or the Montpelier Waste Water Treatment Plant at (419) 485-2300. To locate the most recent CSO totals visit the Waste Water Treatment Department at montpelieroh.net.

4 End Message CSO 36

The CSO 36 004 reported by The Village of Montpelier has ended. Any questions please contact The Village of Montpelier at (419) 485-5543 or the Montpelier Waste Water Treatment Plant at (419) 485-2300. To locate the most recent CSO totals visit the Waste Water Treatment Department at montpelieroh.net.

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MONITORING OVERFLOW EVENT

Once the overflow has been observed and alerts have been sent out, the Montpelier Waste Water Treatment Staff will continue to monitor the overflow situation for duration and flow estimation. Staff is also trained to operate the regulator at the 36-004 prohibiting or allowing extra flow into our WWTP, thus eliminating the overflow when conditions allow.

Staff will use the following tools in order to determine the amount of flow to be estimated and recorded in the reports.

- Observation of duckbill if conditions allow
- Amount of Rainfall
- Duration of Rainfall
- Intensity of Rainfall
- Conditions of ground before and after the Rain Event
- Snow Melt or water runoff

It is incumbent on the Village of Montpelier Staff to calculate overflow estimates based on these noted factors.

END OF EVENT NOTIFICATION

Thru the Village of Montpelier Waste Water Treatment Plant and lift station daily inspections, staff would observe or conclude an overflow event has ended. Once the overflow has ended then staff will have seven days to finalize the estimations of flow and post the totals on montpelieroh.net. Staff will also contact Chief Dan McGee or Administrative Assistant Darrin Repp of the Montpelier Police Department and either employee will notify the public via the Alert 86. The staff will notify Town Hall (if during working hours) to be prepared for questions.

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ANNUAL NOTICE

The Village of Montpelier will post information on how to acquire the CSO annual notification plan in a note to be sent with the April utility bills. This information along with the Nine Minimum Controls will also be available on the Village of Montpelier website www.montpelieroh.net under the Montpelier Waste Water Treatment Plant, and located on The Combined Sewer Overflow Page. A link on how to sign up for Alert86 will also be on our Combined Sewer Overflow Page.

The Annual notice will be posted and made available by May 1, for the previous year.

The Annual notice will be emailed and links sent to

Ohio EPA Ryan Gierhart	ryan.gierhart@epa.ohio.gov
Ohio EPA David Brumbaugh	david.brumbaugh@epa.ohio.gov
Ohio EPA Michael Donnelly	michael.Donnelly@epa.ohio.gov
US EPA	NPDES_CS0@epa.gov

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The annual notice and Nine Minimum Controls will be posted on the Village of Montpelier Website

www.montpelieroh.net

under Waste Water Treatment Department
and on the Combined Sewer Overflow Page

The notice can also be obtained in hard copy form in the Village of Montpelier main lobby

118 North Jonesville
Montpelier, OH 43543

The notice will also be available at the Williams County Health District main lobby

310 Lincoln Avenue
Montpelier, OH 43543

Contact the Village Administration Office (419-485-5543) or the Village Waste Water Treatment Plant (419-485-2300) with any questions or concerns.

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