



City of Perrysburg

Department of Public Utilities

211 East Boundary Street
Perrysburg, OH 43551-2758
(419) 872-8050

ANNUAL NOTICE

NPDES Great Lakes Basin CSO Public Notification Plan

May 8, 2020

1. ANNUAL NOTICE

The City developed a Combined Sewer Overflow (CSO) Public Notification Plan, effective in November 2018, per recent Federal Regulations. Attached is Table 1.1 listing the location of the overflow, date of event, volume, corresponding rainfall amounts, and monitoring data. The table also shows the latitude and longitude of all CSO locations along the Maumee River. Public access areas nearby include Orleans Park, Hood Park, and the Maple Street docks.

2. STATUS OF LONG TERM CONTROL PLAN (LTCP)

A. All Sewer Separation District projects identified in the prior NPDES permit were completed as of November 14, 2017.

B. Below is the statement of goals from the 1997 LTCP:

The City of Perrysburg has chosen the option of combined sewer separation to reduce or eliminate combined sewer overflows, as well as to improve the performance of that portion of the sewers in the older sections of the City. This option is feasible for Perrysburg because it is logistically possible to separate and install new storm sewers and will benefit customers throughout the separation area. In addition, by removing storm runoff from the combined sewers, flows will be reduced in the main interceptor sewer along the Maumee River reducing overflows both in frequency and duration. This will benefit the wastewater treatment plant by removing clean water that would otherwise have to go through treatment. In addition, customers within the separated area will realize a reduction or elimination of any basement flooding that is now experienced during heavy rains due to the overloading of the combined sewers.

C. Prior to the issuance of the current NPDES permit, the City contracted with AECOM to undertake a flow monitoring and modelling study of the original combined sewer area to:

- Define the Typical Year;
- Create a model to predict the sewer system’s response to various rainfall events;
- Run the model under the Typical Year rainfall condition;
- Prior to completion of the two most recent separation districts, use the capabilities of the model to predict sewer system flows after completion of those projects.

AECOM in coordination with the City, developed a General Plan including project alternatives to further reduce CSO occurrences below four events in a typical year. Additional modelling and discussions continue. The City continues to collect data from leased flow meters at each CSO outfall. The City is required to submit a LTCP Evaluation Report by March 1, 2022.

3. IMPLEMENTATION OF NINE MINIMUM CONTROLS

Department of Public Utilities staff operate and maintain the sewer collection system. Outfall locations are checked monthly. Routine sewer cleaning is performed at known trouble areas. Leased flow meters at each CSO outfall measure occurrences and flow duration. Outfall signs are inspected quarterly for signs of vandalism or vegetation overgrowth. This Annual Notice is posted on the City’s website at ci.perryburg.oh.us. The City recently hired a new Public Information Officer who assists Departments with disseminating notices and information of public interest.

4. DISTRIBUTION OF ANNUAL NOTICE

An announcement of the availability of this Revised Annual Notice is attached. It is provided electronically to David.Brumbaugh@epa.ohio.gov, to Ryan.Gierhart@epa.ohio.gov, and to NPDES_CS0@epa.gov.

Media or other inquiries about the annual notice may be directed to Shannon Solt, Public Information Officer at ssolt@ci.perrysburg.oh.us.

State Permit:	Ohio EPA NPDES Permit No. 2PD00002*ND
Submitted By:	Alice Godsey, PE Director of Public Utilities

CITY OF PERRYSBURG - CSO EVENTS SUMMARY FOR 2019																				
Month	002 Louisiana Avenue				003 Elm Street				004 Cherry Street				010 Green Lane				Daily Total	Rain	Comment	
	Date	Flow in MGD	TSS	cBOD5	Date	Flow in MGD	TSS	cBOD5	Date	Flow in MGD	TSS	cBOD5	Date	Flow in MGD	TSS	cBOD5				
January					1/23/2019	0.611	67	34.6	1/23/2019	0.039							0.650	.63 inches	6" of snow on 1/19/2019	
Total						0.611				0.039										
February					2/4/2019	0.621	57	22.1									0.621	.17 inches	5" of accumulated snow previous week: 40 degree F	
					2/5/2019		111	20.2												
	2/6/2019	0.002	AH	AH														.62 inches		
					2/12/2019	0.367	40	19.2										0.367	.67 inches	rain total for 2/11 and 2/12/2019
Total		0.002				1.057												0.069	.38 inches	rain total for 2/23 and 2/24/2019. 2" of snow previous week
March					3/9/2019	0.160	430	113									0.160	.74 inches		
					3/14/2019	0.013	81	44									0.013	.36 inches		
	3/30/2019	0.003			3/30/2019	1.687	108	32									1.687	1.32 inches	1.95 inches from 3/28 to 3/31/2019	
Total		0.003				1.860														
April					4/12/2019	0.004											0.004	.34 inches	.46 inches from 4/8 through 4/12/2019	
					4/18/2019	0.560	348	69.2					4/18/2019	0.560	348	69.2	0.56	.42 inches		
	4/19/2019	0.045	142	23.7	4/19/2019	1.013	280	27.1					4/19/2019	1.620			2.678	.73 inches		
	4/20/2019	0.172			4/20/2019	1.109	176	22.4					4/20/2019	3.730	88	33.1	5.011	.74 inches		
					4/21/2019	0.036												0.036		
					4/26/2019	0.480	35	7.7										0.480	.63 inches	.30 inches on 4/25/2019
					4/27/2019	0.004	49	6.6						4/27/2019	0.110	43	13.5	0.114	.33 inches	
					4/28/2019	0.532								4/28/2019	0.020			0.552	.29 inches	
					4/29/2019	0.038												0.038	.32 inches	
	Total		0.217				3.313										8.030		2.091	.88 inches
	May	5/1/2019	1.875	360	72	5/1/2019	1.492			5/1/2019	2.828	255	61					6.195	.11 inches	
					5/2/2019	0.413												0.413	.06 inches	
					5/3/2019	1.089												1.089	.46 inches	
					5/4/2019	0.351												0.351	.01 inches	
					5/5/2019	0.109												0.109	.01 inches	
					5/6/2019	0.020												0.020		
					5/9/2019	0.270	41	5						5/9/2019	0.450	53	16.6	0.720	.94 inches	
					5/10/2019	1.406												1.406	.63 inches	
					5/11/2019	0.228												0.228	.08 inches	
					5/12/2019	0.544												0.544	.64 inches	
					5/13/2019	1.120												1.120	.12 inches	
					5/14/2019	0.407												0.407	.01 inches	
					5/15/2019	0.145												0.145		
Total			1.875				7.616				2.828						0.450		0.022	
June	6/1/2019	0.229			6/1/2019	0.326	54		6/1/2019	4.331			6/1/2019	0.406	54		5.292	.91 inches		
					6/5/2019	0.049	54	24					6/2/2019	0.531			0.531	.14 inches		
	6/5/2019	0.001			6/5/2019	0.049	54	24									0.050	.88 inches		
					6/16/2019	0.016	172	58.6										0.016	.15 inches	.78 inches from 6/13 through 6/16/2019
Total		0.230				0.391				4.331						0.937				
August	8/13/2019				8/13/2019	0.034											0.034	1.27 inches	1.61 inches from 8/12 through 8/13/2019	
	8/17/2019	0.001			8/17/2019	0.016											0.017	.93 inches		
					8/18/2019	0.001												0.001		
	8/20/2019	0.008	71	23.7	8/20/2019	0.093	208	43.6	8/20/2019	0.020	132	18.8					0.121	1.40 inches		
Total		0.009				0.144				0.020										
October					10/26/2019	0.084	250	37.9									0.084	1.17 inches		
					10/31/2019	0.204	175	44									0.204	.88 inches	1.64 inches from 10/30 through 10/31/2019	
Total						0.288														
December					12/1/2019	0.007											0.007	.57 inches		
					12/29/2019	0.125	126	23									0.125	.91 inches		
Total						0.132														

Reported Events for Month:	
1st	
2nd	
3rd	
4th	

Total Volume 2019	
Louisiana	2.336
Elm	15.412
Cherry	7.218
Green Lane	9.417
Total	34.383
Total Days	
Louisiana	10
Elm	42
Cherry	4
Green Lane	9
Days with at least 1	
	43
Average TSS	
	154.4
Average cBOD5	
	39.8

Events that occur over multiple days are reported as a single event. Receiving stream is Maumee River. Shaded events continued to following day. No dry weather overflows occurred.

CSO Location	NPDES Outfall ID	Latitude	Longitude
Elm St	003	41° N 33' 47"	83° W 37' 51"
Louisiana Ave	002	41° N 33' 42"	83° W 37' 51"
Cherry St	004	41° N 33' 34"	83° W 38' 04"
Green Lane	010	41° N 33' 34"	83° W 37' 51"