

2023

Stormwater
Screening and Sampling
Annual Report

Bath Township



Services provided by Summit County Public Health

Summit County Public Health (SCPH), through a contract with the community, performs dry weather screening and sampling of stormwater outfalls. These services are part of the activities required to meet Minimum Control Measure (MCM) #3 - Illicit Discharge Detection and Elimination (IDDE) in accordance with the Ohio Environmental Protection Agency (OEPA) National Pollution Discharge Elimination System (NPDES) permit requirements. This report includes activities performed by SCPH, applicable to MCM #3, conducted within the community during the preceding year.

Phase II Stormwater Screening

Dry weather screening is performed when there has been at least seventy-two hours without rainfall. If the outfall is found to be flowing during dry weather screening, it will be sampled and taken to an Environmental Protection Agency (EPA) approved laboratory for analysis. The lab analyzes the sample for the presence of *E. coli*. Sample results are forwarded upon receipt by SCPH to the community and any applicable community partners. If the sample results are greater than 1030 MPN for *E. coli*, a nuisance is declared. If the outfall is located in an area that is not serviced by sanitary sewer, SCPH will initiate an investigation of the area to identify potential sources of *E.coli*. This investigation includes a re-sample of the outfall during dry weather, the determination of wastewater treatments in the area and may include inspections of area septic systems. If a re-sample is collected, the results are again forwarded to the community and any applicable community partners once they are received by SCPH. For more details on this process, please see the attached Stormwater Screening Procedure flow chart.

Outfall Information

A total of 133 locations were previously identified as potential outfalls within the community. SCPH was provided these outfall locations for dry weather screening. If additional outfalls are identified, please forward the locations to SCPH for screening. SCPH may also add outfall locations to the database that are identified during routine screening activities.

In this year’s dry weather screening, the following activities were performed:

Total Outfalls Screened	# of New Outfalls Identified	# Sampled	# Re-screened	# Re-sampled
27	0	7	0	3

Identified Nuisances

There were 3 nuisances identified this year. The first resample results for outfall BAMB10017 were elevated above the nuisance level. Repairs were made to a septic system which was discharging in the area and the outfall was re-sampled following these repairs. The re-sample results were below the nuisance level and the investigation was closed at that time. The nuisance investigations for outfalls FRT110013 and BAT110058 were able to be closed after the re-samples came back at less than the nuisance threshold.

Outfall ID	Date Sampled	Sample Results	Date results sent to community and partners (1st Sample)	Date Re-screened	Re-sample Results	Date results sent to community and partners (2 nd Sample)
BAMB10017	08/31/2023	1,203	09/08/2023	10/04/2023	178,900	10/10/2023
FRT110013	08/31/2023	19,760	09/08/2023	10/04/2023	240	10/10/2023
BAT110058	09/26/2023	2966	10/02/2023	10/04/2023	677	10/10/2023

Identified Illicit Discharges

SCPH collected samples from the following outfalls which were observed to be flowing during dry weather screening. The sample results indicated that *E. coli* was less than the nuisance threshold. SCPH notified the community of the illicit discharges and closed its investigations.

Outfall ID	Date Sampled	Sample Results (MPN)	Date results sent to community and partners
FRT110015	08/31/2023	63	09/08/2023
FRT110009	08/31/2023	10	09/08/2023
BAT110060	09/26/2023	166	10/02/2023
NFMB10062	09/26/2023	40	10/02/2023

Outfalls Screened

SCPH's contract with the community requires the inspection of 100 percent of the communities' outfalls within the 5 year contract term. To achieve this, SCPH inspects approximately 20 percent of the outfalls each year. The outfalls listed below were screened for the first time in the current contract period to fulfill the annual 20 percent requirement. Please note that this list does not include any follow up screening and/or sampling of outfalls for nuisance investigations initiated from previous years' dry weather monitoring.

*Identified Nuisances

Outfall ID	Screening Date	Flowing (Y/N)	Flow (GPD)	Notes	Date rescreened / resampled
BAMB10002	06/20/2023	N			
BAMB10003	6/20/2023	N			
BAMB10016A	08/31/2023	N			
BAMB10016b	08/31/2023	N			
BAMB10016	08/31/2023	N			
BAMB10017	08/31/2023	Y	1500	Resampled	10/04/2023
BAMB10053	09/26/2023	N			
BAMB10054	09/26/2023	N			
BAMB10055	09/26/2023	N			
BAMB10056	09/26/2023	N			

Outfall ID	Screening Date	Flowing (Y/N)	Flow (GPD)	Notes	Date rescreened / resampled
BAMB10107	09/26/2023	N			
BAT110029	09/26/2023	N			
BAT110055	09/26/2023	N			
BAT110056	09/26/2023	N			
BAT110057	09/26/2023	N			
BAT110058	09/26/2023	Y	Unable to measure	Resampled	10/04/2023
BAT110059	09/26/2023	N			
BAT110060	09/26/2023	Y	Unable to measure		
FRT110009	08/31/2023	Y	1800		
FRT110011	09/26/2023	N			
FRT110012	09/26/2023	N			
FRT110013	08/31/2023	Y	1000	Resampled	10/04/2023
FRT110014	08/31/2023	N			
FRT110015	08/31/2023	Y	500		
NFMB10062	09/26/2023	Y	1100		

Outfalls That Could Not Be Screened

When SCPH staff try to locate outfalls and cannot locate or cannot access them, they are placed on a list for each community. The most common reasons for outfalls not being able to be located or accessed include, but are not limited to, the lack of location description, overgrown vegetation, fenced in areas, loose dogs in the area, steep or dangerous areas, and wrong addresses that were provided to SCPH. The following are outfalls that could not be located or accessed this year. In addition, if SCPH determined that any location did not meet the definition of an outfall, it is listed below and will be removed from the list. All outfalls highlighted were removed from the list this year. Please provide any additional information regarding outfall location or accessibility by emailing it to SCPH at stormwater@schd.org.

Outfall ID	Attempted Screening Date	Notes
BAMB10002	08/31/2023	Not an Outfall
FRT110010	10/25/2022	Can't Locate

If you have questions regarding this report, please contact Julie Reis at jreis@schd.org or 330.812.3961.