



# Sanitary Sewer Overflow Annual Report

## Division of Surface Water

**Date:** 02/05/2021

**Facility Name:** Pataskala WWTP

**Ohio NPDES Permit Number:** 4PB00009\*KD

**Period Covered by Report:** 01/01/2020 - 12/31/2020

**Contact Person**

**Name:** Chris Sharrock

**Title:** Utility Director

**Mailing Address:** 430 South Main Street

**City:** Pataskala

**State:** OH

**Zip Code:** 43062

**Country:** USA

**Sanitary Sewer Overflows Spreadsheet(attachment) :**

**Water In Basement Occurrences Spreadsheet(attachment) :** *WIBOccurrences.xlsx*

**Narrative analysis of WIB patterns by location, frequency and cause:** *Both occurrences were a result of the same heavy rain event. This rain event was identified as a 500 year storm by some accounts. The event resulted in a large amount of I&I water entering the collection system, preventing the sanitary sewer main from having the capacity to accept the flow from the 2 buildings affected. This is NOT a normal occurrence for our system during a regular rain event.*

**Additional Attachments :** *SSO 5 day 3-20-20.pdf*

### Certification

*I certify under penalty of law that I have personally examined and am familiar with the information in this report and all attachments. Based on my inquiry of those persons immediately responsible for obtaining the information contained in the report, I believe that the information is true, accurate, and complete.*

**Name:**  
Chris Sharrock

**Title:**  
Utility Director

**Signature(Electronically submitted by):**  
Chris Sharrock (User ID: 1135468 )

**Submission Date:**  
02/05/2021



# Sanitary Sewer Overflow 5-Day Follow Up Report

Division of Surface Water

### Report Submitted By

**Date:** 3/23/20  
**Facility name:** City of Pataskala WRF  
**Ohio NPDES permit no.:** 4PB00009\*KD  
**Period covered by report:** 3/20/20  
**Contact person**  
**Name:** Chris Sharrock  
**Title:** Utility Director  
**Mailing address:** 430 South Main Street  
**County:** Licking  
**Telephone:** (740)927 - 4134  
**Email:** csharrock@ci.pataskala.oh.us

### Signature required at end of form

### Overflow Information

**Event start date and time – if multiple locations, include information for each** 3/20/20-2:00 pm  
We received calls from 221 Linda and 41 Third Ave for water backing up in their basements.

**Event end date and time** 3/20/20- 7:30 pm  
Flow had subsided enough in the sewer mains to allow for proper flow from residences

**Location(s) the SSO – include unique ID number of one exists** 1-221 Linda Ave  
2- 41 Third Ave

**Destination(s) of overflow**  Basement or building  Ground  Storm sewer to receiving water  Directly to receiving water

**Estimated volume (million gallons) - if multiple locations, include volume for each** Estimated total of 1,122 gallons in each residence, for a total of 2,244 gallons  
This water was EXTREMELY diluted with water from the large rain event

**Sewer system component(s) from which release occurred**  Manhole  Constructed overflow  Pipe crack  Pump station  
 Other (explain) Sewer Main was flowing, but full and backed up through the laterals

**Cause(s) of overflow**  Extreme weather  Equipment failure  Power failure  
 Debris in line  Roots  Grease  
 Other blockages  Line deterioration  Vandalism  
 Other (explain)

<b>Steps taken or planned to eliminate and/or reduce the overflow – include schedule of major milestones</b>	<p>The City, as a part of our NPDES renewal, has selected a firm to analyze our collection system for I&amp;I and create an action plan to take steps towards limiting the I&amp;I water that enters our system.</p>
<b>Steps taken or planned to prevent reoccurrence of the overflow(s) – include schedule of major milestones</b>	<p>The focus of the previously mentioned I&amp;I plan is on the "Old Town" portion of our collections system. This is the same portion of our system where the sanitary backups were reported. The City anticipates that the information gathered as a part of this plan will assist us in deciding on projects to complete that could help to prevent these types of incidents from occurring in the future.</p>
<b>Steps taken or planned to mitigate the impact(s) of the overflow(s) – include schedule of major milestones</b>	<p>The City was able to maintain pumping operations at our lift stations without interruption. This allowed for the sanitary systems, although at capacity, to continue to flow, limiting the amount of backup that occurred.</p>
<b>Additional information (attach additional pages, maps, etc. as needed)</b>	<p>The cause of this situation was extreme weather. With reports of 3" of rain in less than 12 hours, we were simply inundated with rain water and some of the smaller sanitary lines in our system were unable to handle it all. The City maintains bypass pumps to assist in these types of events, and the staff here did everything they could to keep this event from impacting any more residents than was absolutely necessary.</p>

**Certification:**

*I certify that I have personally examined and am familiar with the information in this report and all attachments. I believe that the information is true, accurate, and complete.*

**Name** Chris Sharrock  
**(typed):**

**Title:** Utility Director

**Signature:** 

**Date:** 3-23-20