

**Wet Weather SOP**

**PURPOSE**

In the event that there is a wet weather event, there is a potential for basement backups in Sewersheds SH5006-03 and SH5006-1. (Previously called Basin name number 6). To prevent wastewater from backing up into basements and creating an immediate health hazard, the wastewater is diverted to a storm drain.

***THIS PROCEDURE SHOULD ONLY BE DONE UNDER THE DIRECTION OF THE DIRECTOR OF PUBLIC WORKS or designated representative.***

**BACKGROUND**

Flows from Whitefish Bay discharge into these Sewersheds. Under extreme wet weather events, the sanitary sewers are surcharged and have caused basement backups. In order to prevent basement backups, the Village bypasses flow via one of four passive overflow points. Each of these overflow points has a piped connection with a valve from the sanitary sewer to the storm sewer. This valve is normally closed unless manually opened. If the valve is opened, a sanitary sewer overflow (SSO) occurs and must be reported. See Overflow Response Plan Standard Operating Procedure ORP SOP for more details.

<b>Table F-1</b>		
<b>Overflow Sites – Village Of Shorewood</b>		
<b>Description</b>	<b>Location</b>	<b>Manhole</b>
Overflow Manhole (valved – to storm sewer)	Larkin & Glendale	277
Overflow Manhole (valved – to storm sewer)	Morris & Glendale	279
Overflow Manhole (valved – to storm sewer)	Woodburn & Glendale	284
Overflow Manhole (valved – to storm sewer)	Wildwood & Glendale	286



**until basement back-ups will occur.** If event occurs during non-business hours, notify Shorewood's Police Department non-emergency phone (414) 847-2610.

- 4. Estimated flow volume of the overflow must be calculated. At all locations that are by-passing,
  - a. Time and date gate valve opened. Time and date gate valve closed.
  - b. Depth of flow in by-pass pipe (inches)
  - c. Size of by-pass pipe – 12 inch overflow from sanitary to storm.
  - d. Overflow –circle flow depth ¼ pipe ½ pipe ¾ pipe or full pipe
- 5. Notify Village DPW immediately if an overflow occurs.
- 6. See Overflow Response Plan (ORP) in Appendix D if for notification requirements and details.
  - a. All overflows must be reported. Fax notification to DNR Fax (414) 263-8716, phone (414) 263-8623. **Notification must be received by DNR within 24 hours of the start of the by-passing wastewater.**
  - b. See ORP for more details.

**SAFETY**

Manholes are confined spaces. Confined Space entry is required.

**REFERENCES**

- 1. Appendix D - Overflow Response Plan (ORP) SOP

<b>SOP DOCUMENT TRACKING</b>			
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