

Sanitary Sewer Overflow Response (SOP)

For
West Norriton Township
Pennsylvania

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Project No. 0577007008

Prepared by:

RETTEW ASSOCIATES INC.
5031 Richard Lane
Suite 111
Mechanicsburg, PA 17055
717-697-3551

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Section 1: Purpose

The purpose of the Sanitary Sewer Overflow Response (SOP) Plan is to minimize the impact of sanitary sewer overflows (SSOs) to the public and the environment. All SSOs will be responded to in a timely manner to expedite the necessary steps to relieve the overflow. Relieving the sewage blockage and spill containment will be our highest priority, taking in to consideration public health concerns. This response plan will be the guideline for the standard operating procedures in the event of a SSO. The response plan will be reviewed periodically to ensure that all corrective measures are being taken.

Section 2: Spill Response

When the Township is notified of a potential SSO during working hours, they will notify the Township Manager, Director of Public Works (DPW) or M&B. After hours, the caller will notify M&B of a potential SSO. M&B will notify all other staff to assist in the spill response.

- 2.1 The crew will respond to the site of the complaint with the proper Spill Response material. If the problem is identified as an actual spill, it may be necessary to send for additional equipment.
- 2.2 M&B will assess the problem and assign the response crew job duties in order to eliminate the overflow. M&B will notify the Township Manager, DPW or Engineer whether the problem occurs during normal business hours or after-hours.
- 2.3 If the problem escalates to an emergency situation, we will use M&B assistance.

Section 3: Emergency Traffic Control

In the event that the spill is located in a high traffic area, M&B will utilize assistance from the Township road crew. If the Township road crew is being utilized at that particular time, then we will seek assistance from the following:

During working hours: The Township's Maintenance Superintendent – Public Works
After hours: West Norriton Police Department

Section 4: Bypass

If the blockage is not relieved within the first few attempts (20 minutes), it is crucial that the bypass procedures are followed immediately.

- 4.1 Locate the nearest downstream manhole that can accept the additional flow.
- 4.2 Set up a pump to handle flow. Be advised that larger pumps may be needed. The pump discharge hose should be secured or placed far enough into the manhole that it will not

come out during pumping. The pump and pump hose should be protected from traffic by barricades.

Section 5: Containment

Containment is M&Bs top priority. M&B will make every valued effort to keep the SSO in as small an area as possible. It is preferred that the crew keeps the SSO in the street and out of storm drains. To make sure the SSO is contained, M&B will use the following methods:

- 5.1 Use rubber blankets, three (3) inch high rubber dams, or soil to keep the overflow from reaching a storm drain.
- 5.2 Should the overflow take place in an area not normally accessible to the public, such as; (fields, tributaries, etc.), the crew will use any reasonable means to contain the flow in that area for recovery.
- 5.3 Should the flow be too much to be contained on the street and is identified as a danger to the public, the crew will allow the flow to enter the storm drain or catch basin. The crew will make every reasonable attempt to dam up the spill in the storm drain or catch basin and recover it from that point.

Section 6: Reporting and Notification

All SSOs must be reported as soon as:

1. The Township has knowledge of the discharge
2. Reporting is possible
3. Reporting can be provided without substantially impeding cleanup or other emergency measures.

Initial reporting of SSOs must be reported to the Department of Environmental Protection (DEP) as soon as possible but no later than two (2) business days after the Township is made aware of the SSO. Minimum information that must be contained in the report includes all information identified in the DEP monitoring and reporting program. A final certified report must be completed within 15 calendar days of the conclusion of SSO response and remediation.

Initial reporting of SSOs must be reported to DEP within 24 hours after the Township becomes aware of the SSO, notification is possible, and notification can be provided without substantially impeding cleanup or other emergency measures. Minimum information that must be contained in the 24 hour report includes all information identified in the DEP monitoring and reporting program.

All reporting and notification will be given to the proper authorities, and be made according to the following procedure:

6.1 During working hours, reporting and notification will be made by contacting DEP or by any of the following personnel from the Township Department, contact names and numbers are as follows:

Name	Position held	Phone number
Christopher Frawley	Engineer	717-697-3551

6.2 In an event of any SSO, the following agencies will be notified.

Agency Name	Phone number	Fax number	Contact Name
M&B	215-256-0042	215-256-0049	Steve Chernesky
DEP	484-250-5190	484-250-5914	Keith Dudley
West Norriton Township	610-631-1450	610-630-0304	Mike Valyo

Section 7: Posting

Public health and safety is the top priority of WNT. We will post the proper signs to warn the public of potential contamination hazards.

- 7.1 Posting of contamination signs will be done in all cases whether there is standing water or the ground is saturated.
- 7.2 Signs will be placed in locations with high visibility as so that they can be seen from all routes that the public might take to enter an area.
- 7.3 Signs will remain posted for a period of not less than five (5) days, unless directed by the Township.

Section 8: Restoration

We will make every effort to restore the environment to the condition that existed before the SSO occurred by using the following procedures:

- 8.1 If the SSO occurred in the street, staff will apply household bleach to the affected area and use the nearest fire hydrant to wash down the area, dechlorination if needed and recover wash down water, as much as possible. If the SSO occurred in an unpaved/dirt area, staff will apply hydrated lime as needed for odor control and apply class 2 base at a minimum of two (2) inches of coverage.
- 8.2 Collect and dispose of any standing or pooled sewage that is accessible to the public.
- 8.3 Recover any sewage within storm drains, channels, curb, gutters and culverts.

- 8.4 Clear surrounding area of paper, solids and any other signs of a SSO.
- 8.5 We will replace vegetation, sidewalks, asphalt fencing or any other items that were damaged as a result of the SSO or the crews working to restore service.

Section 9: DEP Documentation

Documentation shall contain the following information:
(Use attached form for reporting the SSO's)

- 9.1 Beginning and ending time
- 9.2 Exact location of the SSO
- 9.3 Any and all conditions that may have contributed to the cause of the SSO
- 9.4 Did the SSO reach surface waters or a storm drain?
- 9.5 Total gallons spilled and the amount recovered?
- 9.6 Damage that was caused and any repairs that were made?
- 9.7 Photographs of the affected area?