

Emergency Operations

Emergency Operations are executed through a comprehensive action plan. The decision to activate of all or part of the plan is based on data received from several sources through our monitoring network. The primary source is elevation data received from telemetry stations installed on the Susquehanna River, Spring Run and Shamokin Creek.

Decisions to implement particular flood fighting operations are condition specific and may vary drastically depending upon the type of event, pre-event conditions, anticipated duration and the magnitude of the event.

The emergency plan contained within, is a truncated version of our detailed plan which provides viewers with a general understanding of the type of flood fighting activities that may be executed at certain flood elevations.

Sunbury Municipal Authority

FLOOD CONTROL



emergency operations

SUNBURY
MUNICIPAL AUTHORITY
 Flood Operations Center
 826 Hillside Drive
 Sunbury, PA 17801

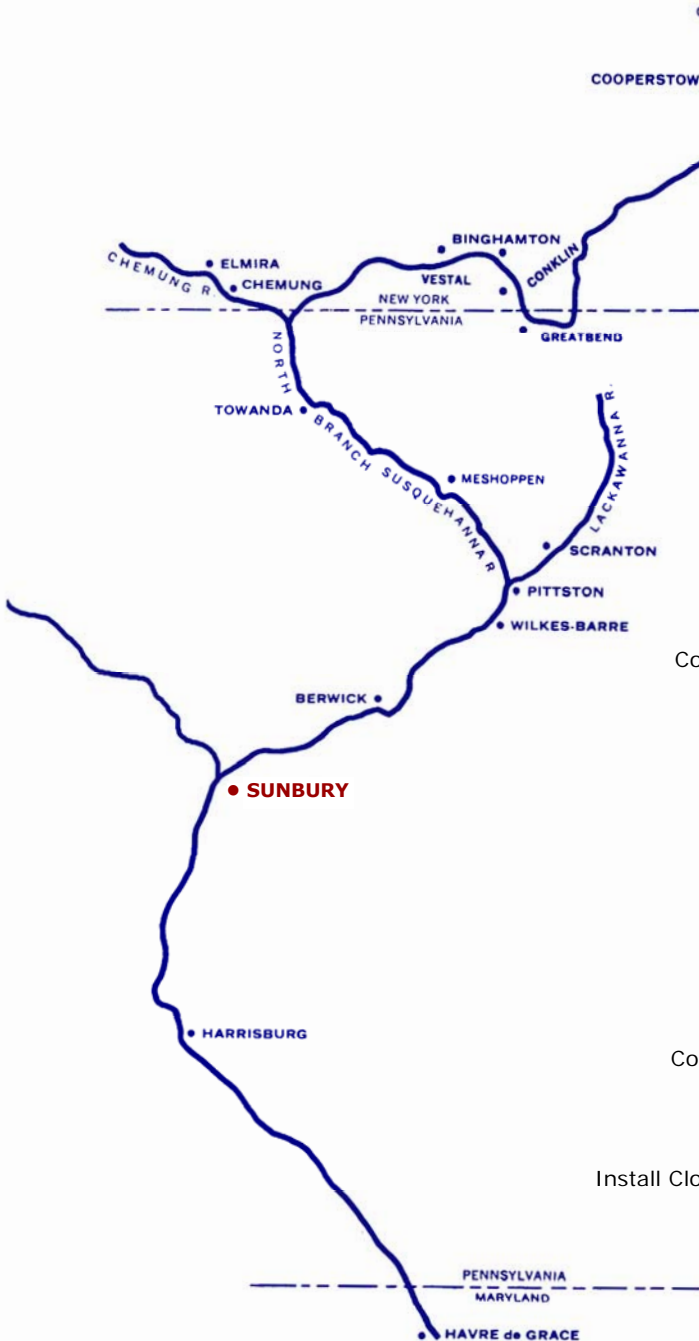


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Emergency Operations Summary Plan

River/Stream Gage Legend

	Susquehanna River Gage
	Shamokin Creek Gage
	Spring Run Gage



DESIGN INFORMATION

STREAM	DRAINAGE AREA	DESIGN DISCHARGE	FREEBOARD
Susquehanna River	18,296 Sq. Mi.	556,000 cfs	3.0
Shamokin Creek	137 Sq. Mi.	16,000 cfs	3.0
Spring Run	1.13 Sq. Mi.	100 cfs	

- Activate Reagan Street Pumping Station and close gravity gates 12 feet Susquehanna
- Activate Church Street Pumping Station and close gravity gates 14.4 feet Susquehanna
- Check Shamokin Creek drainage structures for debris and/or obstructions 16 feet Susquehanna
3.3 feet Shamokin
- Check Drainage Structure #6 (Lower Susquehanna Section) for debris and/or obstructions 17 feet Susquehanna
- Check Shamokin Creek Drainage Structure #2 for infiltration 18 feet Susquehanna
4.1 feet Shamokin
428.5 feet Spring Run
- Activate Spring Run pumping station pump #3 and close gravity gates 19 feet Susquehanna
- Activate Hopper Alley Pumping Station and close gravity gates
- Monitor all pump stations every 4-hours in the event of rain or high runoff
- Activate Underpass Pumping Station and close gravity gates
- Pre-inspect all closure structures
- Make arrangements for the possibility of hauling additional sand 429.5 feet Spring Run
- Activate Spring Run pumping station flood pumps 20 feet Susquehanna
- Check Shamokin Creek drainage structure #3 for infiltration 21 feet Susquehanna
9.7 feet Shamokin
- Begin monitoring all Shamokin Creek drainage structures for infiltration 22 feet Susquehanna
- Entrance to sand supply plant begins inundation 25 feet Susquehanna
14 feet Shamokin Creek
- Possible closure installation situation
- Contact PennDOT of possible closure - Closure Structure #3 (East Market St.) 26 feet Susquehanna
- Place personnel at the Flood Control Operations Center 24 hours a day 27 feet Susquehanna
15 feet Shamokin Creek
- Begin 24-hour monitoring of levee - Initiate Sectional Plan
- Contact River Forecast Center/Weather Service for Updates
- Contact volunteers and put them on stand-by
- Contact Authority managers and put all personnel on stand-by
- Contact City crew and put them on stand-by
- Contact electricians and put them on stand-by 28 feet Susquehanna
- Place 2 operators at Front St. pumping stations
- Restrict access on grassy areas of system
- Contact media for assistance in filling sandbags and miscellaneous work detail
- Contact CP Rail of possible closure - Closure Structure #1 (VFW) 16 feet Shamokin Creek
29 feet Susquehanna
- Install Closure Structure #1 (VFW), notify CP Rail, local officials and media of closure 17 feet Shamokin Creek
- Install Closure Structure #3 (East Market St.) 19 feet Shamokin Creek
- Install Closure Structure #4 (Zimmerman's)
- Install Closure Structure #5 - South 10th Street Bridge 30 feet Susquehanna
- Begin 24-hour monitoring of the wall - Initiate Sectional Plan 31 feet Susquehanna
- Contact Norfolk Southern of possible closures 32 feet Susquehanna
- Install Closure Structure #6 - Norfolk Southern tracks - Weis Markets
- Notify Norfolk Southern, local officials and media
- Install Closure Structure #7 - Norfolk Southern tracks - Celotex 35 feet Susquehanna
- Limit of Protection