



# Washington Suburban Sanitary Commission Sanitary Sewer Overflow Written Report

2831251-071-2018

MDE OFFICIAL CONTACTED: JOHN CAIN

DATA CALLED IN BY: DALE L BELSCHNER DATE: 12/15/2018 AT 11:13PM

WORK ORDER(S): 2831251

EST DATE AND TIME SSO BEGAN: 12/15/2018 10:25PM DURATION: 4.75 HRS  
DATE AND TIME SSO ENDED: 12/16/2018 03:10AM

SOURCE-FACILITY 00456065200 WATER BODY AFFECTED-BROAD CREEK

CLOSEST STREET ADDRESS: 10315 LIVINGSTON RD 20744  
COUNTY/PAGE/GRID: P 5880 K01 TOWN/CITY: FORT WASHINGTON

CAUSE: EXCESS FLOW EST OVERFLOW VOLUME: 690,000 GAL  
HEAVY INTENSE RAINS IN THE REGION CAUSED HIGH FLOWS TO ENTER THE BROAD CREEK WWPS DUE TO EXCESSIVE INFILTRATION AND INFLOW, WITH AN ALREADY SATURATED GROUND. THE STATION WAS OPERATING AT MAXIMUM CAPACITY WITH ALL SIX PUMPS IN OPERATION, AS WELL AS TWO CONTRACTOR SUPPLIED BYPASS PUMPS. THE STATION BEGAN TO OVERFLOW THROUGH THE STATION DRAINAGE CHANNEL AND INTO BROAD CREEK. THE EVENT ENDED WHEN EXCESS FLOW SUBSIDED.

IMPACTS UPON PUBLIC HEALTH AND STATE WATERS:

NOTICEABLE ODOR PUBLIC ACCESS  
VISIBLE SOLIDS, STREAM BANK VISIBLE SOLIDS, IN STREAM  
WET WEATHER

WASTEWATER SOLIDS AND DEBRIS WERE OBSERVED IN THE DRAINAGE CHANNEL. THE WASTEWATER WAS OF RELATIVELY LOW STRENGTH DUE TO THE DILUTION EFFECT OF STORMWATER ENTERING THE COLLECTION SYSTEM, AND HIGH LOCAL STREAM FLOW FROM THE STORM.

STEPS TAKEN OR PLANNED TO REDUCE, ELIMINATE AND PREVENT RECURRENCE:

THIS OVERFLOW OCCURRED AT THE BROAD CREEK WWPS AND IS THEREFORE NOT CATCHABLE.

MEASURES INITIATED/TAKEN TO MINIMIZE IMPACT:

LIME VISIBLE SOLIDS REMOVED

WASTEWATER SOLIDS WERE REMOVED AND LIME WAS APPLIED TO IMPACTED GROUND AREAS.

NOTIFICATIONS MADE:

MD DEPARTMENT OF ENVIRONMENT PG COUNTY HEALTH DEPT  
PG COUNTY MUNICIPALITIES NEWSPAPER  
RADIO STATIONS TELEVISION

MEDIA ADVISORIES ISSUED ON 12/15/18 & 12/16/18; PHD NOTIFIED BY D. BELSCHNER 11:15P 12/15/18

SIGNS POSTED: 16 POST DATE: 12/16/2018