

VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL POLLUTION INCIDENT REPORT
Phone No. 703-583-3800 or 3864
Fax No. 703-583-3871
Attention: PREP Coordinator

IR _____

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|---|--|--|--|------------------------------------|
| Assigned To: Wastewater Collection Division | | Water <input type="checkbox"/> | Sewage <input checked="" type="checkbox"/> | Fish Kill <input type="checkbox"/> |
| | | Date: 5/16/2014 | | Time: 7:15 AM |
| Reported By: Eric Williams (WCD employees) | | Phone: 703-250-2003 | | |
| Address: | | | | |
| City: | | State: | Zip: | |
| Site Name: Manhole #060-4-007 | | Receiving STP: A.S.A. | | |
| Site Address/Location: 6528 Bay Tree Ct | | Permit No.: VA 0025160 | | |
| Site City/Zip: Falls Church, 22041 | | Map Name: | | |
| County: Fairfax | | Map No.: 60-4 | | |
| Contact on Scene: Dale Alexander | | Phone: 703-250-2003 | | |
| County Incident Contact: Jonathan Okafor | | Phone: 703-239-8490 | | |
| County Incident Contact e-mail: Jonathan.Okafor@fairfaxcounty.gov | | | | |
| Responsible Party (if different than site): | | Phone: | | |
| Address: | | | | |
| City: | | State: | Zip: | |
| Owner (if different than site): Fairfax County Wastewater Collection Division | | Phone: 703-250-2003 | | |
| Address: 6000 Freds Oak Rd | | | | |
| City: Burke | | State: VA | Zip: 22015 | |
| Description of Incident: Overflowing manhole #060-4-007 | | Date: 5/16/2014 | | Time: 6:30 AM |
| <p>On 5/15/2014 and 5/16/2014, major widespread rain event created localized flooding and flood warnings were issued by the National Weather Service with 3 to 4 inch of rain during 24 hours period. On 5/16/2013 at 6:30 a.m., WCD employee reported overflowing manhole #060-4-007 while inspecting and monitoring the 27" sanitary sewer trunk lines downstream of the Holmes Run pump station. The reported overflow ceased at 7:30 a.m. of the same day.</p> <p>Further investigation revealed that one of the pump station pumps (programmed to automatically start at designated wet well level), did not turn on, and was not able to pump wastewater from the pump station to the force main as planned. The portable pumps and above-ground temporary bypass pipes already on site (and used as part of the lining project) could not carry enough of the excess flows from the rain event. As a result, the gravity sanitary sewer system downstream of the pump station became overwhelmed, resulting in minor SSO at manhole #060-4-007. It was determined that approximately 3,240 gallons of diluted wastewater overflowed at the manhole.</p> <p>Water samples were collected and analyzed from locations upstream and downstream of the SSO incident and nearby communities were notified. The problem with the pump station controls was corrected, successfully tested and ready for deployment during the next major rain event.</p> | | | | |
| Fish Kill: No | | | | |
| Adverse Effects Noted: No | | | | |
| Possible Receptors: | | Affected Water Body: Holmes Run to Lake Barcroft | | |
| Amount of Material/Units: | | GALLONS RELEASED 3,240 | | GALLONS IN WATER 3,240 |
| Description of Materials: Wastewater | | | | |

Five day letter to follow _____ Yes ☒ No

SHADED AREA FOR DEQ USE ONLY

Date Assigned to: _____ ☐ Water Comp ☐ Water Quality (FK) ☐ Other _____

Date 5 day letter received: _____ Closed: _____

NRO SSO 5/12/06 Version 3 send to: rebecca.johnson@deq.virginia.gov and shirley.tirch@deq.virginia.gov and mlmiller@deq.virginia.gov

u:/prep/prep sso report