

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 _____

Assigned To: Wastewater Collection Division		Water <input type="checkbox"/>	Sewage <input checked="" type="checkbox"/>	Fish Kill <input type="checkbox"/>
		Date: 4/30/2014		Time: 9:20 AM
Reported By: Charles Hargrove, Billy Welch (WCD employees)		Phone: 703-250-2003		
Address:				
City:		State:	Zip:	
Site Name: Manhole #060-4-007, #060-4-045, #060-4-046 and 060-2-329		Receiving STP: A.S.A.		
Site Address/Location: 6528 Bay Tree Ct/ Dearborn Dr		Permit No.: VA 0025160		
Site City/Zip: Falls Church, 22041		Map Name:		
County: Fairfax		Map No.: 60-4		
Contact on Scene: Charles Hargrove, Billy Welch		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 manholes #060-4-007, #060-4-045, #060-4-046 and 060-2-329		Date: 4/30/2014		Time: 9:20 AM
<p>On 4/29/2014 as part of the final steps in the CIPP rehabilitation project of a pump station force main located at Dearborn Drive, the newly CIPP rehabilitated force main under Sleepy Hollow Road was tested. Soon after the pumps in the pumping station were turned on to move wastewater from the wet well in the station to the newly CIPP rehabilitated force main, wastewater began coming out of the ground adjacent to the pumping station. There was a leak from the joint connection of the new ductile iron pipe with the existing cast iron pipe. Pumps were immediately turned off, and the areas excavated by the contractor. On May 5, 2014 the leak was repaired by the contractor and a pressure re-testing of the pipe is planned this week.</p> <p>On 4/30/2014 major widespread rain event created localized flooding and flood warnings were issued by the National Weather Service with over 6 inch of rain during 24 hours period. On 4/30/2014 at 9:20 a.m., WCD employee reported overflowing manhole #060-4-007 while inspecting 27" trunk line downstream of the pump station. Shortly after, inspector also reported that manholes 060-4-045, 060-4-046 and 060-2-329 located upstream of manhole 060-4-007 were overflowing. It was also reported that manholes 060-4-045 and 060-4-046 were underwater and inundated by flooding from the nearby lake Barcroft.</p> <p>As a result of the unsuccessful testing of the newly installed ductile iron pipe on 4/29/2014, Wastewater Collection Division (WCD) was not able to use the pumps within the pumping station to pump excess flow attributed to the intense rainfall of 4/30/2014. The large portable pumps and above-ground temporary bypass pipes already on site (and used as part of the lining project), along with WCD tanker truck, were deployed to keep up with the wastewater pumping efforts necessary at the station. Unfortunately, the portable pumps could not carry enough of the excess flows from the station. The gravity sanitary sewer system downstream of the pumping station became overwhelmed, resulting in 'on and off' SSOs (sanitary sewer overflows) at four manholes along the sanitary sewer system downstream of the pumping station. The SSO ceased in the early morning of May 1, 2014. It was determined that approximately 300,000 to 400,000 gallons of diluted wastewater overflowed. As part of notifying the general public about the SSO, public announcements were posted on the Lake Barcroft Association</p>				

website and SSO warning signs were placed along Lake Barcroft and Holmes Run. Water samples were collected and analyzed from locations upstream and downstream of the SSO incident. Additional sampling is continuing.		
Fish Kill: No		
Adverse Effects Noted: No		
Possible Receptors:	Affected Water Body: Holmes Run to Lake Barcroft	
Amount of Material/Units:	GALLONS RELEASED 300,000 – 400,000	GALLONS IN WATER 300,000-400,000
Description of Materials: Wastewater		
Five day letter to follow <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
SHADED AREA FOR DEQ USE ONLY		
Date Assigned to: _____	<input type="checkbox"/> Water Comp <input type="checkbox"/> Water Quality (FK) <input type="checkbox"/> 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

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