

Sanitary Sewer Overflow Report for 2009

Incident Number	Incident Date	Site Address	Site Name	Responsible Party	Description of Incident	Total Overflow Amount (gallons)	Amount Reaching State Waters (gallons)
SSORS#2009-T-101939	6/5/2009	315 Center Avenue	Center Avenue Pump Station	HRSD	Heavy rains in area caused excessive I/I. Station would overflow intermittently when upstream stations would operate. Estimated initial flow rate was 50 gpm and then would drop to 1 gpm within a few minutes before stopping. This occurred about every 15 minutes.	-1	-1
SSORS#2010-T-101970	7/17/2009	315 Center Avenue Newport News	Center Avenue Pump Station	HRSD	Heavy rain and high flows overwhelmed pumps. Pumps were operating properly. The flow through the pumps at this station jumped from 600 gpm to 2300 gpm during this high flow period.	2200	2200
SSORS#2010-T-101980	8/8/2009	315 Center Avenue	Center Avenue Pump Station	HRSD	Severe thunderstorms in the area produced heavy rainfall. Pump station received I/I and overflowed at an estimated rate of 75 gpm.	4050	4050
SSORS#2010-T-101999	8/14/2009	358 Curtis Covina (PS) & 242 Misty Point- Cedar Hill Apts- adjacent facility to Pump Station.	Pump Station #52	City of Newport News	Pump Station is on Bypass Operations with HRSD due to previous FM failure. HRSD personnel notified of High Water Alarm at PS and arrived on site at 4:50 pm to find bypass pump inoperative due to High Temp. HRSD personnel restarted pump and lowered Wetwell level. NN Wastewater personnel arrived at 5:45 pm and identified the low spot in the system that was overflowing to the HRSD personnel at 242 Misty Point at a cleanout in the apartment complex next to the PS. Using the Combi Vector truck at the manhole in the pump station compound the SSO was halted at 6:05 pm. Then the entire area was cleaned up and lime dispersed over impacted area. Delay in notifying DEQ of SSO due to misunderstanding by NN Wastewater Administrator of reporting responsibilities related to ongoing bypass operations.	225	180
SSORS#2010-T-102032	9/8/2009	358 Covina Dr	Pump Station 52	City of Newport News	Heavy Rain in the area caused increased Inflow and Infiltration to the sewer system and elevated the system pressure in the Force Main to the Williamsburg Plant. One of the Bypass Pumps (Lag Pump) was non-operational at the time allowing the system to be overwhelmed. HRSD personnel with Godwin Pump personnel fixed the pump and got it operational. In combination with Combi-Vector Trucks were able to bring the SSO under control.	1125	957
SSORS#2010-T-102070	10/24/2009	532-A Beech Dr.	Sewage Pump Station #17	City of Newport News	By-pass stand failed	15000	14000

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SSORS#2010-T-102090	11/12/2009	315 Center Avenue	Center Avenue Pump Station	HRSD	Severe weather due to remnants of hurricane Ida. Pump Station overflowing initially at rate of 100 gpm. Estimate of flow rate at 4:00 am is 200 gpm. Storm remained in area for 3 days. Rain gauge at nearby Copeland Park recorded 14.64" of rainfall. Sewells Point tidal gauge peaked at 7.74' above MLLW. Took several days for high tides to return to normal levels.	536200	536200
SSORS#2010-T-102100	11/12/2009	215 G. Avenue	Patrick Henry Pump Station	HRSD	Severe weather due to remnants of hurricane Ida which developed into nor'easter which remained in area for 3 days. Pump station overflowing at estimated rate of 25 gpm. Rain gauge at nearby Lucas Creek PS recorded 10.17" of rainfall. Wind gusts up to 70 mph resulted in extremely high tides for several days. Sewells Point tidal gauge recorded 7.74' above MLLW.	22375	22375
SSORS#2010-T-102125	11/12/2009	750 Lucas Creek Road	Lucas Creek Pump Station	HRSD	Severe weather due to remnants of hurricane Ida which developed into nor'easter that remained in the area for 3 days. Rain gauge at station recorded 10.17" of rainfall. Wind gusts up to 70 mph resulted in extremely high tides for several days. Sewells Point tidal gauge recorded peak of 7.74 feet above MLLW. Pump station overflowing intermittently at estimated rate of 35 gpm.	8575	8575
SSORS#2010-T-102160	11/12/2009	1814 Oak Ave.	Pump Station #2	City of Newport News	Fall Noreaster which brought an accumulative 11" of rainfall to NN coupled with severe high tide impacts inundated the NN SS system and ability to pump to HRSD's interceptor lines.	-1	-1
SSORS#2010-T-102161	11/11/2009	13705 Warwick Blvd	PS #37	City of Newport News	Fall Noreaster which brought an accumulative 11" of rainfall to NN coupled with severe high tide impacts inundated the NN SS system and ability to pump to to HRSD's interceptor lines.	-1	-1