



Brunswick-Glynn County Joint Water and Sewer Commission

1703 Gloucester Street, Brunswick, GA 31520

Phone: (912) 261-7110 Fax: (912) 261-7178

www.bgjwsc.org

The Brunswick Glynn Joint Water & Sewer Commission NPDES Permit GA0021521 in accordance with aforesaid permit and DNR Regulation 391-3-6-05 Preventive Actions, hereby make Public Notification of a Hydraulic Wash Out that was reported on Friday October 02, 2015. (No Violations & Not Required By Permit)

Date of Hydraulic Wash Out: 10/01/2015

Time: Approximately 8:00 PM

Location of Hydraulic Wash Out: Dunbar Creek Wastewater Treatment Plant.
601 Palmetto Street.
St. Simon Island Georgia 31522

Cause of Hydraulic Wash Out:

This wastewater discharge was a result of three (3) simultaneous events: Extremely High Tides, Hurricane Storm Surge, and an large amount of rainfall on and around Saint Simons Island. Due to the large amount of ground and surface water from these events, a high rate of in-flow and infiltration into the sanitary sewer collection system occurred. Dunbar Creek Waste Water Treatment Plant experienced influent flows that were exceeding its EPD permit limits for this facility. The plant experienced an hourly influent flow of 11.8 MGD (avg. hourly) around 20:00 hrs. on October 1st. At 22:00 hrs. the influent flow peaked at 13.5 MGD (avg. hourly), that same day. This caused a short term hydraulic washout. During this event, JWSC discharged approximately 1,272,500 gallons of partially treated wastewater.

Estimated Volume

Of Overage Discharge: Approximately 1,272,500 Gallons

State Waters Discharged: Discharged to a Dunbar Creek that leads to Fancy Buff Creek.

Corrective Action Taken: JWSC operators implemented the peak flow procedures. JWSC had all three Influent pumps online and operational to maintain the incoming flow. The Bar screen, Grit classifier were operational continually, along with the UV-system. JWSC continually monitored flows through the treatment process. JWSC will continue to collect samples at upstream and downstream locations on Dunbar Creek. JWSC informed the Georgia Environmental Protection Division. JWSC installed warning signs adjacent to the outfall on Dunbar Creek. JWSC also notified Glynn County Health Department, District Environmental Health Manager, Bill Jenkins. In a proactive move, JWSC also issued a temporary water restriction order for Saint Simons Island to lessen the demand on the collection system. This was issued at 5 pm on October 2nd until 5 pm October 5th.

The Brunswick News, Local Radio Stations, and the Glynn County Emergency Management Systems were notified of this event. Via Email and Facsimile for publication and airing.

For any additional information, please contact Mark Ryals Superintendent of Plant Operations in Glynn County: Phone Number 912-261-7146.