

**City of Bradenton Wastewater System including
Water Reclamation Facility ID No. FL0021369**

5-Day Written Reporting for NONCOMPLIANCE which endangers health or environment
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XI. General Conditions 20.

The permittee shall report to the Department's Southwest District Office any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24-hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided with five (5) days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate and prevent recurrence of the noncompliance.

NONCOMPLIANCE ACTIVITY NAME per COB (from 24hr Report):
Hurricane Debby WRF By-pass

NONCOMPLIANCE SWO-TALLAHASSEE Number: # 2024-6442

WasteWater@BradentonFL.gov

1411 9th St. W., Bradenton, Florida 34205

941-708-6300

Mr. Irvin Lee, PWU Director. Ms. LaTishia Smith, Utility Section Manager

Description of the noncompliance event & its cause:

- On 08/04 the aerators were taken offline at 2pm in anticipation of high flow.
- On 08/04 the WRF experienced extremely high flow into the plant beginning around 17:00, by 18:30 the aerators, headworks, clarifiers, and filters began overflowing and by-pass began.
- For the safety of the operators no permit samples were collected on 08/05, samples will be collected on 08/10.
- On 08/05, due to continual heavy rain a sludge hauling truck began leaking onto the plant driveway, eventually getting to the storm drain. Plant staff sandbagged around and at 13:00, cleaned up the sludge.
- On 08/05 the WRF by-passed the filters and wet well due to continual heavy rain and high flow.
- Manatee River Spill sample collection began on 08/06
- On 08/06 the plant experienced random high flow events causing the outfall and clear well to overflow.
- Operators were unable to set the compositor on 08/05 due to continual heavy rain; no composite samples were collected on 08/06. A set of composite samples will be collected on 08/11.
- On 08/08 two aerators were turned back online.

It's estimated that the total volume by-passed from 08/04 – 08/07 was 25MG.

Due to the aerators being taken offline the micro population died causing the mixed liquor to not settle and the filters to clog. It is anticipated there will be unusual analytical results as a result of the hurricane. Sample collection is on-going, preliminary results from 08/06 have been received but no official laboratory report has been. The City will continue to update FDEP as data is received and upon the conclusion of sampling.

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The period of noncompliance including exact dates and time.	
START DATE & TIME	08/04/2024 @ 18:30
NONCOMPLIANCE CORRECTED?	YES
If corrected, END DATE & TIME	08/08/24 @ 14:00

Steps taken or planned to reduce, eliminate and prevent recurrence of the noncompliance.

The event was caused by the heavy rain and high flow associated with Hurricane Debby, and was unavoidable. As with utilities state-wide the WRF staff did everything possible to not have to by-pass but with between 17-19 inches of rain during the storm it was unavoidable.

Attachment 1 - record of 24-Hour Notice

Attachment 2 – Photo's from 08/04

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Oral 24-Hour Report Per Permit Condition IX. General Condition 20.
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XI. General Conditions 20.a.

- a. The following shall be included as information which must be reported within 24-hours under this condition:
- (1) Any unanticipated bypass which causes any reclaimed water or effluent to exceed any permit limitation or results in an unpermitted discharge,
 - (2) Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
 - (3) Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and
 - (4) Any unauthorized discharge to surface or ground waters.

FDEP-Tampa Telephone: 813-470-5941 Jessie Standridge

SWO-Tallahassee Telephone: 800-320-0519

NONCOMPLIANCE ACTIVITY id OR name: Hurricane Debby WRF By-pass SWO # 2024-6442

DATE and TIME OF 24-hour ORAL Report: 08/05/2024 10:00 – Update 08/05/2024 @ 15:15

XI. General Conditions 20.b.(1)

For unauthorized releases or spills of treated or untreated wastewater reported pursuant to subparagraph IX.20.(a)(4) that are in excess of 1,000-gallons per incident, or where information indicates that public health or the environment will be endangered, oral reports shall be provided to the STATE WATCH OFFICE TOLL FREE NUMBER 800-320-0519, as soon as practical, but no later than 24-hours from the time the permittee becomes aware of the discharge. The permittee, to the extent known, shall provide the following information to the State Watch Office:

(a)	Reporting person NAME	Annah Jensen – Emailed FL-DEP
(a)	Reporting person ADDRESS	1810 1st Street West Bradenton, FL 34208
(a)	Reporting person TELEPHONE	941-462-1998 est. 260 / Cell: 941-290-9294
	Reporting person EMAIL	Annah.Jensen@bradentonFL.gov
(b)	Permittee or Responsible person NAME	Irvin Lee, Public Works & Utilities Director
(b)	Permittee or Responsible person ADDRESS	1810 1st Street West Bradenton, FL 34208
(b)	Permittee or Responsible person TELEPHONE	941-708-6300 x-235 / Cell 941-290-9398
	Permittee or Responsible person EMAIL	Irvin.Lee@bradentonFl.gov
(c)	STATUS of discharge	Active
(c)	Discharge start DATE and TIME	08/04/2024 @ 18:30
(d)	Released or Spilled wastewater is	Partially Treated / Raw
(e)	Estimated amount of the discharge in GALLONS or in MILLION-GALLONS	3.5 Million-Gallons (estimated as of 1500 on 08/05/24)

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(f)	Location or address of the discharge (i.e., GPS coordinates; street address; intersection of 2 roads; landmark or business; subdivision; commercial site)	City of Bradenton WRF Plant
(g)	Source and cause of the discharge	During Hurricane Debby the WRF experienced extremely high flow into the plant beginning around 17:00, by 18:30 the aerators, headworks, clarifiers, and filters began overflowing and by-pass began.
(h)	Discharge CONTAINED	No
(h)	CLEAN-UP actions taken	N/A
(i)	Describe AREA AFFECTED by the discharge (i.e., road, sidewalk, grassed area, private residential property, private commercial or business property, City-owned property including lift stations, pump stations, treatment plants, buildings, duty yards)	City owned WRF property
(i)	Release or Spill INTO WATER BODY (i.e., dry pond, wet pond, dry ditch, wet ditch, canal, river, creek, stormwater inlet structure)	Manatee River – sampling will begin once it is safe to.
(j)	Record DATE and TIME agency contacted	STATE WATCH OFFICE – SWO # 2024-6442
(j)	Record DATE and TIME agency contacted	FDOH-Manatee Co. Health Dept. emailed 08/05/24 @ 07:50
(j)	Record DATE and TIME agency contacted	FDEP-Tampa emailed 08/05/24 @ 07:50
XI. General Conditions 20.c. If the oral report has been received within 24-hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department's Southwest district Office shall waive the written report.		

















