


**CITY OF PORTSMOUTH
DEPARTMENT OF PUBLIC WORKS
INTEROFFICE MEMORANDUM**

To: Terry Desmarais 
CC: Brian Goetz
From: Mike Merrill
Date: October 09, 2018
RE: CSO 10A and CSO 10B and CSO Deer Street – September 2018 Results

See attached CSO flow monitoring and rainfall results for September 2018 to be attached to the DMR report for the Peirce Island WWTF. Note the rainfall related CSO events for:

CSO 10A

09/18/2018; Q = 2.592 MG Rain 3.560 Inches
TOTAL Q = 2.592 MG TOTAL RAIN 6.760 Inches


CSO 10B

09/18/2018; Q = 0.390 MG Rain 3.560 Inches
TOTAL * Q = 0.390 MG TOTAL RAIN 6.760 Inches

DEER STREET OVERFLOW

09/18/2018; Q = 0.957 MG Rain 3.560 Inches
TOTAL Q = 0.957 MG TOTAL RAIN 6.760 Inches

Note:

* CSO volume was estimated by the flow measurement company, Flow Assessment Services. This was necessary due to a faulty piece of equipment which is planned for replacement. 

Overflow Summary for Portsmouth, NH
Site 10A

Time Stamp	Total (mg)	Rain Gauge City Hall (inches)
9/1/2018	0.000	0.000
9/2/2018	0.000	0.000
9/3/2018	0.000	0.000
9/4/2018	0.000	0.000
9/5/2018	0.000	0.000
9/6/2018	0.000	0.250
9/7/2018	0.000	0.000
9/8/2018	0.000	0.000
9/9/2018	0.000	0.000
9/10/2018	0.000	0.400
9/11/2018	0.000	1.070
9/12/2018	0.000	0.090
9/13/2018	0.000	0.000
9/14/2018	0.000	0.000
9/15/2018	0.000	0.000
9/16/2018	0.000	0.000
9/17/2018	0.000	0.000
9/18/2018	2.592	3.560
9/19/2018	0.000	0.000
9/20/2018	0.000	0.020
9/21/2018	0.000	0.000
9/22/2018	0.000	0.000
9/23/2018	0.000	0.000
9/24/2018	0.000	0.000
9/25/2018	0.000	0.750
9/26/2018	0.000	0.610
9/27/2018	0.000	0.000
9/28/2018	0.000	0.010
9/29/2018	0.000	0.000
9/30/2018	0.000	0.000
	2.5922 mg	6.760 Inches

Overflow Summary for Portsmouth, NH
Site 10B

Time Stamp	Total (mg)	Rain Gauge City Hall (inches)
9/1/2018	0.000	0.000
9/2/2018	0.000	0.000
9/3/2018	0.000	0.000
9/4/2018	0.000	0.000
9/5/2018	0.000	0.000
9/6/2018	0.000	0.250
9/7/2018	0.0000	0.000
9/8/2018	0.0000	0.000
9/9/2018	0.0000	0.000
9/10/2018	0.0000	0.400
9/11/2018	0.0000	1.070
9/12/2018	0.0000	0.090
9/13/2018	0.0000	0.000
9/14/2018	0.0000	0.000
9/15/2018	0.0000	0.000
9/16/2018	0.0000	0.000
9/17/2018	0.0000	0.000
9/18/2018	0.3900	3.560
9/19/2018	0.0000	0.000
9/20/2018	0.0000	0.020
9/21/2018	0.0000	0.000
9/22/2018	0.0000	0.000
9/23/2018	0.0000	0.000
9/24/2018	0.0000	0.000
9/25/2018	0.0000	0.750
9/26/2018	0.0000	0.610
9/27/2018	0.0000	0.000
9/28/2018	0.0000	0.010
9/29/2018	0.0000	0.000
9/30/2018	0.0000	0.000
	0.390 mg	6.760 Inches

Overflow Summary for Portsmouth, NH
Site Deer Street

Time Stamp	Total (mg)	Rain Gauge City Hall (inches)
9/1/2018	0	0.000
9/2/2018	0	0.000
9/3/2018	0	0.000
9/4/2018	0	0.000
9/5/2018	0	0.000
9/6/2018	0	0.250
9/7/2018	0	0.000
9/8/2018	0	0.000
9/9/2018	0	0.000
9/10/2018	0	0.400
9/11/2018	0	1.070
9/12/2018	0	0.090
9/13/2018	0	0.000
9/14/2018	0	0.000
9/15/2018	0	0.000
9/16/2018	0	0.000
9/17/2018	0	0.000
9/18/2018	0.957	3.560
9/19/2018	0	0.000
9/20/2018	0	0.020
9/21/2018	0	0.000
9/22/2018	0	0.000
9/23/2018	0	0.000
9/24/2018	0	0.000
9/25/2018	0	0.750
9/26/2018	0	0.610
9/27/2018	0	0.000
9/28/2018	0	0.010
9/29/2018	0	0.000
9/30/2018	0	0.000
	0.957 mg	6.760 inches