


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

To: Terry Desmarais 
CC: Brian Goetz
From: Mike Merrill
Date: August 15, 2018
RE: CSO 10A and CSO 10B and CSO Deer Street – July 2018 Results

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

CSO 10A

07/17/2018;	Q = 0.034 MG	Rain 1.790 Inches
07/26/2018;	Q = 0.435 MG	Rain 2.370 Inches
TOTAL	Q = 0.469 MG	TOTAL RAIN 5.570 Inches

CSO 10B

07/26/2018;	Q = 0.929 MG	Rain 2.370 Inches
TOTAL	Q = 0.929 MG	TOTAL RAIN 5.570 Inches

DEER STREET OVERFLOW

07/26/2018;	Q = 0.149 MG	Rain 2.370 Inches
TOTAL	Q = 0.149 MG	TOTAL RAIN 5.570 Inches

Overflow Summary for Portsmouth, NH
Site 10A

Time Stamp	Total (mg)	Rain Gauge City Hall (inches)
7/1/2018	0.0000	0.00
7/2/2018	0.0000	0.00
7/3/2018	0.0000	0.00
7/4/2018	0.0000	0.00
7/5/2018	0.0000	0.00
7/6/2018	0.0000	0.02
7/7/2018	0.0000	0.00
7/8/2018	0.0000	0.00
7/9/2018	0.0000	0.00
7/10/2018	0.0000	0.00
7/11/2018	0.0000	0.00
7/12/2018	0.0000	0.00
7/13/2018	0.0000	0.00
7/14/2018	0.0000	0.00
7/15/2018	0.0000	0.56
7/16/2018	0.0000	0.00
7/17/2018	0.0348	1.79
7/18/2018	0.0000	0.00
7/19/2018	0.0000	0.00
7/20/2018	0.0000	0.00
7/21/2018	0.0000	0.00
7/22/2018	0.0000	0.29
7/23/2018	0.0000	0.01
7/24/2018	0.0000	0.00
7/25/2018	0.0000	0.01
7/26/2018	0.4350	2.37
7/27/2018	0.0000	0.34
7/28/2018	0.0000	0.18
7/29/2018	0.0000	0.00
7/30/2018	0.0000	0.00
7/31/2018	0.0000	0.00
	0.4699 mg	5.570 Inches

Overflow Summary for Portsmouth, NH
Site 10B

Time Stamp	Total (mg)	Rain Gauge City Hall (inches)
7/1/2018	0.0000	0.00
7/2/2018	0.0000	0.00
7/3/2018	0.0000	0.00
7/4/2018	0.0000	0.00
7/5/2018	0.0000	0.00
7/6/2018	0.0000	0.02
7/7/2018	0.0000	0.00
7/8/2018	0.0000	0.00
7/9/2018	0.0000	0.00
7/10/2018	0.0000	0.00
7/11/2018	0.0000	0.00
7/12/2018	0.0000	0.00
7/13/2018	0.0000	0.00
7/14/2018	0.0000	0.00
7/15/2018	0.0000	0.56
7/16/2018	0.0000	0.00
7/17/2018	0.0000	1.79
7/18/2018	0.0000	0.00
7/19/2018	0.0000	0.00
7/20/2018	0.0000	0.00
7/21/2018	0.0000	0.00
7/22/2018	0.0000	0.29
7/23/2018	0.0000	0.01
7/24/2018	0.0000	0.00
7/25/2018	0.0000	0.01
7/26/2018	0.0929	2.37
7/27/2018	0.0000	0.34
7/28/2018	0.0000	0.18
7/29/2018	0.0000	0.00
7/30/2018	0.0000	0.00
7/31/2018	0.0000	0.00
	0.093 mg	5.570 Inches

Overflow Summary for Portsmouth, NH
Site Deer Street

Time Stamp	Total (mg)	Rain Gauge City Hall (inches)
7/1/2018	0.0000	0.00
7/2/2018	0.0000	0.00
7/3/2018	0.0000	0.00
7/4/2018	0.0000	0.00
7/5/2018	0.0000	0.00
7/6/2018	0.0000	0.02
7/7/2018	0.0000	0.00
7/8/2018	0.0000	0.00
7/9/2018	0.0000	0.00
7/10/2018	0.0000	0.00
7/11/2018	0.0000	0.00
7/12/2018	0.0000	0.00
7/13/2018	0.0000	0.00
7/14/2018	0.0000	0.00
7/15/2018	0.0000	0.56
7/16/2018	0.0000	0.00
7/17/2018	0.0000	1.79
7/18/2018	0.0000	0.00
7/19/2018	0.0000	0.00
7/20/2018	0.0000	0.00
7/21/2018	0.0000	0.00
7/22/2018	0.0000	0.29
7/23/2018	0.0000	0.01
7/24/2018	0.0000	0.00
7/25/2018	0.0000	0.01
7/26/2018	0.1490	2.37
7/27/2018	0.0000	0.34
7/28/2018	0.0000	0.18
7/29/2018	0.0000	0.00
7/30/2018	0.0000	0.00
7/31/2018	0.0000	0.00
	0.149 mg	5.570 Inches