


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

To: Terry Desmarais 
CC: Brian Goetz
From: Mike Merrill
Date: May 11, 2017
RE: CSO 10A and CSO 10B and CSO Deer Street – April 2017 Results

See attached CSO flow monitoring and rainfall results for April 2017 to be attached to the DMR report for the Peirce Island WWTF. Rainfall is taken from Lafayette Road Pump Station rain gauge because the City Hall gauge was not working. Note the rainfall related CSO events for:

CSO 10A

4/06/2017;	Q = 0.326 MG	Rain 1.38 Inches
4/07/2017;	Q = 0.075 MG	Rain 0.0 Inches *
TOTAL	Q = 0.401 MG	TOTAL RAIN 6.84 Inches

CSO 10B

4/06/2017;	Q = 0.015 MG	Rain 1.38 Inches
TOTAL	Q = 0.015 MG	TOTAL RAIN 6.84 Inches

DEER STREET OVERFLOW

There were no overflows during this time period

* CSO flow occurred around midnight due to previous day (4/6/17) rainfall

Overflow Summary for Portsmouth, NH
Site 10B

Time Stamp	Total (mg)	Rain Gauge Lafayette Road PS (inches)
4/1/2017 0:00	0	0.1
4/2/2017 0:00	0	1.13
4/3/2017 0:00	0	0
4/4/2017 0:00	0	0.94
4/5/2017 0:00	0	0.02
4/6/2017 0:00	0.015	1.38
4/7/2017 0:00	0	0
4/8/2017 0:00	0	0
4/9/2017 0:00	0	0
4/10/2017 0:00	0	0
4/11/2017 0:00	0	0
4/12/2017 0:00	0	0.18
4/13/2017 0:00	0	0
4/14/2017 0:00	0	0
4/15/2017 0:00	0	0.05
4/16/2017 0:00	0	0
4/17/2017 0:00	0	0
4/18/2017 0:00	0	0
4/19/2017 0:00	0	0.09
4/20/2017 0:00	0	0
4/21/2017 0:00	0	1.05
4/22/2017 0:00	0	0.08
4/23/2017 0:00	0	0
4/24/2017 0:00	0	0
4/25/2017 0:00	0	0.79
4/26/2017 0:00	0	1.01
4/27/2017 0:00	0	0.01
4/28/2017 0:00	0	0
4/29/2017 0:00	0	0
4/30/2017 0:00	0	0.01

0.0150 mg

6.840 Inches

Overflow Summary for Portsmouth, NH
Site 10A

Time Stamp	Total (mg)	Rain Gauge Lafayette Road PS (inches)
4/1/2017 0:00	0	0.1
4/2/2017 0:00	0	1.13
4/3/2017 0:00	0	0
4/4/2017 0:00	0	0.94
4/5/2017 0:00	0	0.02
4/6/2017 0:00	0.326	1.38
4/7/2017 0:00	0.075	0
4/8/2017 0:00	0	0
4/9/2017 0:00	0	0
4/10/2017 0:00	0	0
4/11/2017 0:00	0	0
4/12/2017 0:00	0	0.18
4/13/2017 0:00	0	0
4/14/2017 0:00	0	0
4/15/2017 0:00	0	0.05
4/16/2017 0:00	0	0
4/17/2017 0:00	0	0
4/18/2017 0:00	0	0
4/19/2017 0:00	0	0.09
4/20/2017 0:00	0	0
4/21/2017 0:00	0	1.05
4/22/2017 0:00	0	0.08
4/23/2017 0:00	0	0
4/24/2017 0:00	0	0
4/25/2017 0:00	0	0.79
4/26/2017 0:00	0	1.01
4/27/2017 0:00	0	0.01
4/28/2017 0:00	0	0
4/29/2017 0:00	0	0
4/30/2017 0:00	0	0.01
	0.4010 mg	6.840 Inches