


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

**To:** Terry Desmarais   
**CC:** Brian Goetz  
**From:** Mike Merrill  
**Date:** June 13, 2017  
**RE:** CSO 10A and CSO 10B and CSO Deer Street – May 2017 Results

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See attached CSO flow monitoring and rainfall results for May 2017 to be attached to the DMR report for the Peirce Island WWTF. Note the rainfall related CSO events for:

**CSO 10A**  
5/26/2017; Q = 0.401 MG Rain 1.61 Inches  
**TOTAL Q = 0.401 MG TOTAL RAIN 6.920 Inches**

**CSO 10B**  
5/26/2017; Q = 0.008 MG Rain 1.61 Inches  
**TOTAL Q = 0.008 MG TOTAL RAIN 6.920 Inches**

**DEER STREET OVERFLOW**

There were no overflows during this time period

Overflow Summary for Portsmouth, NH  
Site 10A

Time Stamp	Total (mg)	Rain Gauge Lafayette Rd (inches)
5/1/2017 0:00	0	0.05
5/2/2017 0:00	0	0.61
5/3/2017 0:00	0	0
5/4/2017 0:00	0	0
5/5/2017 0:00	0	1.33
5/6/2017 0:00	0	0.11
5/7/2017 0:00	0	0.01
5/8/2017 0:00	0	0
5/9/2017 0:00	0	0
5/10/2017 0:00	0	0
5/11/2017 0:00	0	0
5/12/2017 0:00	0	0.05
5/13/2017 0:00	0	0.01
5/14/2017 0:00	0	1.65
5/15/2017 0:00	0	0.1
5/16/2017 0:00	0	0
5/17/2017 0:00	0	0
5/18/2017 0:00	0	0
5/19/2017 0:00	0	0
5/20/2017 0:00	0	0
5/21/2017 0:00	0	0
5/22/2017 0:00	0	0.51
5/23/2017 0:00	0	0
5/24/2017 0:00	0	0
5/25/2017 0:00	0	0.66
5/26/2017 0:00	0.401	1.61
5/27/2017 0:00	0	0
5/28/2017 0:00	0	0
5/29/2017 0:00	0	0.03
5/30/2017 0:00	0	0
5/31/2017 0:00	0	0.19
	0.4010 mg	6.920 Inches

Overflow Summary for Portsmouth, NH  
Site 10B

Time Stamp	Total (mg)	Rain Gauge Lafayette Rd (inches)
5/1/2017 0:00	0	0.05
5/2/2017 0:00	0	0.61
5/3/2017 0:00	0	0
5/4/2017 0:00	0	0
5/5/2017 0:00	0	1.33
5/6/2017 0:00	0	0.11
5/7/2017 0:00	0	0.01
5/8/2017 0:00	0	0
5/9/2017 0:00	0	0
5/10/2017 0:00	0	0
5/11/2017 0:00	0	0
5/12/2017 0:00	0	0.05
5/13/2017 0:00	0	0.01
5/14/2017 0:00	0	1.65
5/15/2017 0:00	0	0.1
5/16/2017 0:00	0	0
5/17/2017 0:00	0	0
5/18/2017 0:00	0	0
5/19/2017 0:00	0	0
5/20/2017 0:00	0	0
5/21/2017 0:00	0	0
5/22/2017 0:00	0	0.51
5/23/2017 0:00	0	0
5/24/2017 0:00	0	0
5/25/2017 0:00	0	0.66
5/26/2017 0:00	0.008	1.61
5/27/2017 0:00	0	0
5/28/2017 0:00	0	0
5/29/2017 0:00	0	0.03
5/30/2017 0:00	0	0
5/31/2017 0:00	0	0.19
	0.0080 mg	6.920 Inches

Overflow Summary for Portsmouth, NH  
Site Deer Street

Time Stamp	Total (mg)	Rain Gauge Lafayette Rd (inches)
5/1/2017 0:00	0	0.05
5/2/2017 0:00	0	0.61
5/3/2017 0:00	0	0
5/4/2017 0:00	0	0
5/5/2017 0:00	0	1.33
5/6/2017 0:00	0	0.11
5/7/2017 0:00	0	0.01
5/8/2017 0:00	0	0
5/9/2017 0:00	0	0
5/10/2017 0:00	0	0
5/11/2017 0:00	0	0
5/12/2017 0:00	0	0.05
5/13/2017 0:00	0	0.01
5/14/2017 0:00	0	1.65
5/15/2017 0:00	0	0.1
5/16/2017 0:00	0	0
5/17/2017 0:00	0	0
5/18/2017 0:00	0	0
5/19/2017 0:00	0	0
5/20/2017 0:00	0	0
5/21/2017 0:00	0	0
5/22/2017 0:00	0	0.51
5/23/2017 0:00	0	0
5/24/2017 0:00	0	0
5/25/2017 0:00	0	0.66
5/26/2017 0:00	0	1.61
5/27/2017 0:00	0	0
5/28/2017 0:00	0	0
5/29/2017 0:00	0	0.03
5/30/2017 0:00	0	0
5/31/2017 0:00	0	0.19
	0.0000 mg	6.920 Inches