


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

To: Terry Desmarais 
CC: Brian Goetz
From: Mike Merrill
Date: May 07, 2018
RE: CSO 10A and CSO 10B and CSO Deer Street – April 2018 Results

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

CSO 10A

04/16/2018;	Q = 1.465 MG	Rain 1.770 Inches
04/17/2018;	Q = 0.132 MG	Rain 0.000 Inches
TOTAL	Q = 1.597 MG	TOTAL RAIN 4.870 Inches

CSO 10B

04/16/2018;	Q = 0.009 MG	Rain 1.770 Inches
TOTAL	Q = 0.009 MG	TOTAL RAIN 4.870 Inches

DEER STREET OVERFLOW

04/16/2018;	Q = 0.512 MG	Rain 1.770 Inches
TOTAL	Q = 0.512 MG	TOTAL RAIN 4.870 Inches

Overflow Summary for Portsmouth, NH
Site 10A

Time Stamp	Total (mg)	Rain Gauge City Hall (inches)
4/1/2018 0:00	0.000	0.000
4/2/2018 0:00	0.000	0.000
4/3/2018 0:00	0.000	0.110
4/4/2018 0:00	0.000	0.320
4/5/2018 0:00	0.000	0.000
4/6/2018 0:00	0.000	0.140
4/7/2018 0:00	0.000	0.080
4/8/2018 0:00	0.000	0.000
4/9/2018 0:00	0.000	0.000
4/10/2018 0:00	0.000	0.000
4/11/2018 0:00	0.000	0.000
4/12/2018 0:00	0.000	0.150
4/13/2018 0:00	0.000	0.000
4/14/2018 0:00	0.000	0.000
4/15/2018 0:00	0.000	0.110
4/16/2018 0:00	1.465	1.770
4/17/2018 0:00	0.132	0.000
4/18/2018 0:00	0.000	0.000
4/19/2018 0:00	0.000	0.100
4/20/2018 0:00	0.000	0.000
4/21/2018 0:00	0.000	0.000
4/22/2018 0:00	0.000	0.000
4/23/2018 0:00	0.000	0.000
4/24/2018 0:00	0.000	0.000
4/25/2018 0:00	0.000	1.410
4/26/2018 0:00	0.000	0.240
4/27/2018 0:00	0.000	0.330
4/28/2018 0:00	0.000	0.000
4/29/2018 0:00	0.000	0.110
4/30/2018 0:00	0.000	0.000
	1.5977 mg	4.870 Inches

Overflow Summary for Portsmouth, NH
Site 10B

Time Stamp	Total (mg)	Rain Gauge City Hall (inches)
4/1/2018 0:00	0.000	0.000
4/2/2018 0:00	0.000	0.000
4/3/2018 0:00	0.000	0.110
4/4/2018 0:00	0.000	0.320
4/5/2018 0:00	0.000	0.000
4/6/2018 0:00	0.000	0.140
4/7/2018 0:00	0.000	0.080
4/8/2018 0:00	0.000	0.000
4/9/2018 0:00	0.000	0.000
4/10/2018 0:00	0.000	0.000
4/11/2018 0:00	0.000	0.000
4/12/2018 0:00	0.000	0.150
4/13/2018 0:00	0.000	0.000
4/14/2018 0:00	0.000	0.000
4/15/2018 0:00	0.000	0.110
4/16/2018 0:00	0.009	1.770
4/17/2018 0:00	0.000	0.000
4/18/2018 0:00	0.000	0.000
4/19/2018 0:00	0.000	0.100
4/20/2018 0:00	0.000	0.000
4/21/2018 0:00	0.000	0.000
4/22/2018 0:00	0.000	0.000
4/23/2018 0:00	0.000	0.000
4/24/2018 0:00	0.000	0.000
4/25/2018 0:00	0.000	1.410
4/26/2018 0:00	0.000	0.240
4/27/2018 0:00	0.000	0.330
4/28/2018 0:00	0.000	0.000
4/29/2018 0:00	0.000	0.110
4/30/2018 0:00	0.000	0.000
	0.009 mg	4.870 Inches

Overflow Summary for Portsmouth, NH
Site Deer Street

Time Stamp	Total (mg)	Rain Gauge City Hall (inches)
4/1/2018 0:00	0.000	0.000
4/2/2018 0:00	0.000	0.000
4/3/2018 0:00	0.000	0.110
4/4/2018 0:00	0.000	0.320
4/5/2018 0:00	0.000	0.000
4/6/2018 0:00	0.000	0.140
4/7/2018 0:00	0.000	0.080
4/8/2018 0:00	0.000	0.000
4/9/2018 0:00	0.000	0.000
4/10/2018 0:00	0.000	0.000
4/11/2018 0:00	0.000	0.000
4/12/2018 0:00	0.000	0.150
4/13/2018 0:00	0.000	0.000
4/14/2018 0:00	0.000	0.000
4/15/2018 0:00	0.000	0.110
4/16/2018 0:00	0.512	1.770
4/17/2018 0:00	0.000	0.000
4/18/2018 0:00	0.000	0.000
4/19/2018 0:00	0.000	0.100
4/20/2018 0:00	0.000	0.000
4/21/2018 0:00	0.000	0.000
4/22/2018 0:00	0.000	0.000
4/23/2018 0:00	0.000	0.000
4/24/2018 0:00	0.000	0.000
4/25/2018 0:00	0.000	1.410
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4/27/2018 0:00	0.000	0.330
4/28/2018 0:00	0.000	0.000
4/29/2018 0:00	0.000	0.110
4/30/2018 0:00	0.000	0.000
	0.512 mg	4.870 Inches