


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

To: Brian Goetz
CC: Terry Desmarais 
From: Mike Merrill
Date: November 8, 2016
RE: CSO 10A and CSO 10B and CSO Deer Street – October 2016 Results

See attached CSO flow monitoring and rainfall results for October 2016 to be attached to the DMR report for the Peirce Island WWTF. Note the rainfall related CSO events for:

CSO 10A

10/21/2016; Q = 0.678 MG Rain .31 Inches
10/22/2016; Q = 0.001 MG Rain .0 Inches
TOTAL Q = 0.6790 MG TOTAL RAIN 2.59 Inches

CSO 10B

10/21/2016; Q = 0.009 MG Rain .31 Inches
TOTAL Q = 0.0090 MG TOTAL RAIN 2.59 Inches

DEER STREET OVERFLOW

10/21/2016; Q = 0.147 MG Rain .31 Inches
TOTAL Q = 0.1470 MG TOTAL RAIN 2.59 Inches

Overflow Summary for Portsmouth, NH
Site 10A

Time Stamp	Total (mg)	Rain Gauge City Hall (inches)
10/1/2016 0:00	0	0.6
10/2/2016 0:00	0	0.02
10/3/2016 0:00	0	0
10/4/2016 0:00	0	0
10/5/2016 0:00	0	0
10/6/2016 0:00	0	0
10/7/2016 0:00	0	0
10/8/2016 0:00	0	0
10/9/2016 0:00	0	0.19
10/10/2016 0:00	0	0
10/11/2016 0:00	0	0
10/12/2016 0:00	0	0
10/13/2016 0:00	0	0
10/14/2016 0:00	0	0
10/15/2016 0:00	0	0
10/16/2016 0:00	0	0
10/17/2016 0:00	0	0
10/18/2016 0:00	0	0
10/19/2016 0:00	0	0.01
10/20/2016 0:00	0	0.01
10/21/2016 0:00	0.678	0.31
10/22/2016 0:00	0.001	0
10/23/2016 0:00	0	0
10/24/2016 0:00	0	0
10/25/2016 0:00	0	0
10/26/2016 0:00	0	0
10/27/2016 0:00	0	0.36
10/28/2016 0:00	0	1.04
10/29/2016 0:00	0	0.02
10/30/2016 0:00	0	0.02
10/31/2016 0:00	0	0.01
	0.6790 mg	2.59 Inches

Overflow Summary for Portsmouth, NH
Site 10B

Time Stamp	Total (mg)	Rain Gauge City Hall (inches)
10/1/2016 0:00	0	0.6
10/2/2016 0:00	0	0.02
10/3/2016 0:00	0	0
10/4/2016 0:00	0	0
10/5/2016 0:00	0	0
10/6/2016 0:00	0	0
10/7/2016 0:00	0	0
10/8/2016 0:00	0	0
10/9/2016 0:00	0	0.19
10/10/2016 0:00	0	0
10/11/2016 0:00	0	0
10/12/2016 0:00	0	0
10/13/2016 0:00	0	0
10/14/2016 0:00	0	0
10/15/2016 0:00	0	0
10/16/2016 0:00	0	0
10/17/2016 0:00	0	0
10/18/2016 0:00	0	0
10/19/2016 0:00	0	0.01
10/20/2016 0:00	0	0.01
10/21/2016 0:00	0.009	0.31
10/22/2016 0:00	0	0
10/23/2016 0:00	0	0
10/24/2016 0:00	0	0
10/25/2016 0:00	0	0
10/26/2016 0:00	0	0
10/27/2016 0:00	0	0.36
10/28/2016 0:00	0	1.04
10/29/2016 0:00	0	0.02
10/30/2016 0:00	0	0.02
10/31/2016 0:00	0	0.01
	0.0090 mg	2.59 Inches

Overflow Summary for Portsmouth, NH
Site Deer Street

Time Stamp	Total (mg)	Rain Gauge City Hall (inches)
10/1/2016 0:00	0	0.6
10/2/2016 0:00	0	0.02
10/3/2016 0:00	0	0
10/4/2016 0:00	0	0
10/5/2016 0:00	0	0
10/6/2016 0:00	0	0
10/7/2016 0:00	0	0
10/8/2016 0:00	0	0
10/9/2016 0:00	0	0.19
10/10/2016 0:00	0	0
10/11/2016 0:00	0	0
10/12/2016 0:00	0	0
10/13/2016 0:00	0	0
10/14/2016 0:00	0	0
10/15/2016 0:00	0	0
10/16/2016 0:00	0	0
10/17/2016 0:00	0	0
10/18/2016 0:00	0	0
10/19/2016 0:00	0	0.01
10/20/2016 0:00	0	0.01
10/21/2016 0:00	0.147	0.31
10/22/2016 0:00	0	0
10/23/2016 0:00	0	0
10/24/2016 0:00	0	0
10/25/2016 0:00	0	0
10/26/2016 0:00	0	0
10/27/2016 0:00	0	0.36
10/28/2016 0:00	0	1.04
10/29/2016 0:00	0	0.02
10/30/2016 0:00	0	0.02
10/31/2016 0:00	0	0.01
	0.1470 mg	2.59 Inches