


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

To: Brian Goetz
CC: Terry Desmarais 
From: Mike Merrill
Date: May 4 , 2015
RE: CSO 10A and CSO 10B and CSO Deer Street – April 2015 Results

See attached CSO flow monitoring and rainfall results for April 2015 to be attached to the DMR report for the Peirce Island WWTF. Note the rainfall related CSO events for:

CSO 10A

4/20/2015; Q = 0.39865 MG Rain 1.73 Inches
4/21/2015; Q = 1.57163 MG Rain 0.4 Inches
TOTAL Q = 1.97028 MG TOTAL RAIN 3.29 Inches

CSO 10B

4/21/2015; Q = 0.30784 MG Rain 0.4 Inches
TOTAL Q = 0.30784 MG TOTAL RAIN 3.29 Inches

DEER STREET OVERFLOW

4/20/2015; Q = 0.09649 MG Rain 1.73 Inches
4/21/2015; Q = 0.14208 MG Rain 0.4 Inches
TOTAL Q = 0.23857 MG TOTAL RAIN 3.29 Inches

Overflow Summary for Portsmouth, NH
Site 10A

Time Stamp	Total (mg)	Rain Gauge City Hall (inches)
4/1/2015 0:00	0	0
4/2/2015 0:00	0	0
4/3/2015 0:00	0	0.02
4/4/2015 0:00	0	0.14
4/5/2015 0:00	0	0
4/6/2015 0:00	0	0
4/7/2015 0:00	0	0.01
4/8/2015 0:00	0	0.3
4/9/2015 0:00	0	0.09
4/10/2015 0:00	0	0.28
4/11/2015 0:00	0	0
4/12/2015 0:00	0	0
4/13/2015 0:00	0	0
4/14/2015 0:00	0	0.02
4/15/2015 0:00	0	0
4/16/2015 0:00	0	0
4/17/2015 0:00	0	0.15
4/18/2015 0:00	0	0.02
4/19/2015 0:00	0	0
4/20/2015 0:00	0.39865	1.73
4/21/2015 0:00	1.57163	0.4
4/22/2015 0:00	0	0
4/23/2015 0:00	0	0.03
4/24/2015 0:00	0	0
4/25/2015 0:00	0	0
4/26/2015 0:00	0	0
4/27/2015 0:00	0	0.09
4/28/2015 0:00	0	0.01
4/29/2015 0:00	0	0
4/30/2015 0:00	0	0
	1.9703 mg	3.29 Inches

Overflow Summary for Portsmouth, NH
Site 10B

Time Stamp	Total (mg)	Rain Gauge City Hall (inches)
4/1/2015 0:00	0	0
4/2/2015 0:00	0	0
4/3/2015 0:00	0	0.02
4/4/2015 0:00	0	0.14
4/5/2015 0:00	0	0
4/6/2015 0:00	0	0
4/7/2015 0:00	0	0.01
4/8/2015 0:00	0	0.3
4/9/2015 0:00	0	0.09
4/10/2015 0:00	0	0.28
4/11/2015 0:00	0	0
4/12/2015 0:00	0	0
4/13/2015 0:00	0	0
4/14/2015 0:00	0	0.02
4/15/2015 0:00	0	0
4/16/2015 0:00	0	0
4/17/2015 0:00	0	0.15
4/18/2015 0:00	0	0.02
4/19/2015 0:00	0	0
4/20/2015 0:00	0	1.73
4/21/2015 0:00	0.30784	0.4
4/22/2015 0:00	0	0
4/23/2015 0:00	0	0.03
4/24/2015 0:00	0	0
4/25/2015 0:00	0	0
4/26/2015 0:00	0	0
4/27/2015 0:00	0	0.09
4/28/2015 0:00	0	0.01
4/29/2015 0:00	0	0
4/30/2015 0:00	0	0
	0.3078 mg	3.29 Inches

Overflow Summary for Portsmouth, NH
Site Deer Street

Time Stamp	Total (mg)	Rain Gauge City Hall (inches)
4/1/2015 0:00	0	0
4/2/2015 0:00	0	0
4/3/2015 0:00	0	0.02
4/4/2015 0:00	0	0.14
4/5/2015 0:00	0	0
4/6/2015 0:00	0	0
4/7/2015 0:00	0	0.01
4/8/2015 0:00	0	0.3
4/9/2015 0:00	0	0.09
4/10/2015 0:00	0	0.28
4/11/2015 0:00	0	0
4/12/2015 0:00	0	0
4/13/2015 0:00	0	0
4/14/2015 0:00	0	0.02
4/15/2015 0:00	0	0
4/16/2015 0:00	0	0
4/17/2015 0:00	0	0.15
4/18/2015 0:00	0	0.02
4/19/2015 0:00	0	0
4/20/2015 0:00	0.09649	1.73
4/21/2015 0:00	0.14208	0.4
4/22/2015 0:00	0	0
4/23/2015 0:00	0	0.03
4/24/2015 0:00	0	0
4/25/2015 0:00	0	0
4/26/2015 0:00	0	0
4/27/2015 0:00	0	0.09
4/28/2015 0:00	0	0.01
4/29/2015 0:00	0	0
4/30/2015 0:00	0	0
	0.2386 mg	3.29 Inches