

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

To: Terry Desmarais
CC: Brian Goetz
From: Karl Snyder
Date: January 12, 2021
RE: CSO 10A and CSO 10B and CSO Deer Street – December 2020 Results

See attached CSO flow monitoring and rainfall results for December 2020 to be attached to the DMR report for the Peirce Island WWTF.

Note the rainfall related CSO events for:

CSO 10A

12/01/2020	Q=0.001 MG	12/01/2020 Rain Total = 0.350”
12/05/2020-12/06/2020	Q=0.002 MG	12/05/2020 Rain Total = 1.000”
TOTAL	Q=0.003 MG	

CSO 10B

There were no overflows for December 2020

CSO DEER ST.

There were no overflows for December 2020

TOTAL RAIN for December 2020 = 3.250”

Please note that the Peirce Island WWTF was operating with reduced wet weather treatment capacity during the storm events on December 1st, December 5th and December 6th. This was the result of force main restrictions from the Mechanic Street Wastewater Pump Station. Details were provided under notification sent to the EPA and DES on September 14, 2020.

The 24-inch temporary force main from the Mechanic Street Wastewater Pump Station to the Peirce Island WWTF went online and became operational on December 22, 2020.

December 2020

Date	10A Daily Flow (MG)	10B Daily Flow (MG)	Deer St Daily Flow (MG)		City Hall Daily Rain (in)	
12/1/2020	0.001	0.000	0.000		0.350	
12/2/2020	0.000	0.000	0.000		0.000	
12/3/2020	0.000	0.000	0.000		0.000	
12/4/2020	0.000	0.000	0.000		0.000	
12/5/2020	0.002	0.000	0.000		1.000	
12/6/2020		0.000	0.000		0.000	
12/7/2020	0.000	0.000	0.000		0.000	
12/8/2020	0.000	0.000	0.000		0.000	
12/9/2020	0.000	0.000	0.000		0.000	
12/10/2020	0.000	0.000	0.000		0.000	
12/11/2020	0.000	0.000	0.000		0.000	
12/12/2020	0.000	0.000	0.000		0.370	
12/13/2020	0.000	0.000	0.000		0.080	
12/14/2020	0.000	0.000	0.000		0.000	
12/15/2020	0.000	0.000	0.000		0.000	
12/16/2020	0.000	0.000	0.000		0.000	
12/17/2020	0.000	0.000	0.000		0.080	
12/18/2020	0.000	0.000	0.000		0.010	
12/19/2020	0.000	0.000	0.000		0.000	
12/20/2020	0.000	0.000	0.000		0.060	
12/21/2020	0.000	0.000	0.000		0.000	
12/22/2020	0.000	0.000	0.000		0.000	
12/23/2020	0.000	0.000	0.000		0.000	
12/24/2020	0.000	0.000	0.000		0.000	
12/25/2020	0.000	0.000	0.000		1.290	
12/26/2020	0.000	0.000	0.000		0.000	
12/27/2020	0.000	0.000	0.000		0.000	
12/28/2020	0.000	0.000	0.000		0.000	
12/29/2020	0.000	0.000	0.000		0.000	
12/30/2020	0.000	0.000	0.000		0.000	
12/31/2020	0.000	0.000	0.000		0.010	
TOTALS	0.003	0.000	0.000	[MG]	3.250	(inches)