ISO FF #6:
1,500 gpm (R)
3,200 gpm (A) Field
2,000 gpm (A) Model

ISO FF #7:
1,000 gpm (R)
2,100 gpm (A) Field
2,094 gpm (A) Model

DEWBERRY FF #1:
3,678 gpm (A) Field
3,200 gpm (A) Model

ISO FF #3:*
2,250 gpm (R)
6,800 gpm (A) Field
2,973 gpm (A) Model
*Test data replaced by Dewberry FF#1 data

DEWBERRY FF #2:
1,749 gpm (A) Field
1,750 gpm (A) Model*
* Pipe P-406 closed to match field data

Potential Closed Valve @ P-406

ISO FF #8:
1,500 gpm (R)
12,000 gpm (A) Field
15,000 gpm (A) Model

ISO FF #5:
3,500 gpm (R)
5,000 gpm (A) Field
5,060 gpm (A) Model*
* Pipes P-56, P-113 & P-67 closed to match field data

Potential Closed Valves @ P-56, P-113 & P-67

DEWBERRY FF #3:
1,817 gpm (A) Field
1,825 gpm (A) Model

ISO FF #2:
3,000 gpm (R)
12,000 gpm (A) Field
13,900 gpm (A) Model

ISO FF #11:*
2,250 gpm (R)
3,500 gpm (A) Field
1,825 gpm (A) Model
*Test data replaced by Dewberry FF#3 data

ISO FF #4:
3,000 gpm (R)
5,300 gpm (A) Field
4,800 gpm (A) Model

Potential Closed Valve @ P-7

Pipe Roughness (Cv) for pipes set @ 79

ISO FF #1:
1,500 gpm (R)
6,700 gpm (A) Field
7,800 gpm (A) Model

DEWBERRY FF #5:
545 gpm (A) Field
575 gpm (A) Model*
* Pipe P-7 closed to match field data

ISO FF #9:
2,500 gpm (R)
1,600 gpm (A) Field
1,715 gpm (A) Model*
* Pipe P-211 closed to match field data

Potential Closed Valve @ P-211

Potential Closed Valve @ P-250

DEWBERRY FF #4:
2,640 gpm (A) Field
2,870 gpm (A) Model*
* Pipe P-250 closed to match field data

ISO FF #10:
750 gpm (R)
1,500 gpm (A) Field
1,537 gpm (A) Model

ATLANTIC OCEAN

GLOUCESTER
ROCKPORT

ROCKPORT
GLOUCESTER

LEGEND			
4" PIPE		LARGE USERS	
6" PIPE		ISO FLOW TESTS	
8" PIPE		DEWBERRY FLOW TESTS	
10" PIPE			
12" PIPE			
16" PIPE			
20" PIPE			
WATER CAD JUNCTION			

TOWN OF ROCKPORT

SCALE: 1" =800'

PLATE NO. 2

TOWN OF ROCKPORT, MA
WATER DISTRIBUTION SYSTEM
FIRE FLOW TEST LOCATION MAP

DATE: FEBRUARY 2015

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