

# R-017D

RUTH ST  
New Bedford

Inspection Status: Remote Inspection  
Inspection Level: Level 2

	Quick	Index	Rating
Overall	4122	1.4	19
Structural	2116	1.1	8
O&M	4121	1.6	11

**Project:** | New Bedford 3D Regulator Inspections

**Owner:** New Bedford, MA

**Customer:** CDM Smith

## MANHOLE

**MH Use:** Sanitary

**Year Constructed:**

**Evidence of Surcharge:** Yes

**Access Type:** Manhole

**Year Renewed:**

## MEASUREMENTS

**Rim to Invert:** 8.4ft

**Northing:**

**GPS Accuracy:**

**Rim to Grade:**

**Easting:**

**Additional Information:** 3

**Grade to Invert:** 8.4ft

**Elevation:**

**Rim to Grade Exposed:**

**Vertical Datum:**

## COVER

**Type:** Vented

**Center Cover Size:**

**Bearing Surface Diameter:** 26"

**Shape:** Circular

**Cover Material:** Cast Iron

**Bearing Surface Width:** 1"

**Size:** 24"

**Hole Diameter:** <= 1/2 inch  
(10mm)

**Cover/Frame Fit:** Good

**Size Width:**

**Hole Number:** 15

**Cover Condition:** Sound

## COVER INSERT

**Insert Type:** None

**Insert Condition:**

## COVER ADJUSTMENT RING

**Ring Type:** Solid

**Ring Condition:** Sound

**Ring Material:** Cast Iron

**Ring Height:**

## FRAME

**Frame Material:** Cast Iron

**Clear Opening Width:** 22"

**Seal Inflow:** None

**Bearing Surface Width:** 1"

**Frame Depth:**

**Frame Condition:** Sound

**Bearing Surface Depth:** 9"

**Offset Distance:**

**Clear Opening Diameter:** 22"

**Seal Condition:** Sound



## CHIMNEY

**Chimney Present:** Yes

**Chimney Depth:** 2.8ft

**Clear Opening:**

**Chimney I/I:**

**First Material:** Concrete (precast)

**Second Material:**

**Lining Interior:**

**Lining Exterior:**

**Chimney Condition:**

## CONE

**Cone Depth:**

**Cone Type:** Not Present

**Clear Opening:**

**First Material:**

**Second Material:**

**Lining Interior:**

**Lining Exterior:**

**Cone Condition:**

## WALL

**Wall Diameter:**

**Wall Width:**

**Wall Depth:** 5.3ft

**First Material:** Concrete (precast)

**Second Material:**

**Lining Interior:**

**Lining Exterior:**

**Wall Condition:**

## BENCH

**Bench Present:** Yes

**Material:** Concrete (precast)

**Lining:**

**Bench Condition:**

## CHANNEL

**Channel Present:** No

**Material:**

**Type:**

**Exposure:**

**Channel Condition:**

## STEP

**Number:** 0

**Material:**

## PIPE CONNECTION INFORMATION

Pipe No.	Clock	Rim to Inv.	Direction	Material	Shape	Height	Width	Cond.	Seal Cond.	Pipe Type	Struct. ID	Comments
1	6	8.3"	In	Concrete Pipe (non-reinforced)	Circular	18"		Sound	Sound	Gravity Connection		
2	12	8.3"	In	Vitrified Clay Pipe	Circular	6"		Sound	Sound	Gravity Connection		

## GENERAL INFORMATION

**Surveyed By:**

**Reviewed By:** M. Bierman

**Weather:** Dry - No precipitation during survey

**Purpose of Survey:** Routine assessment

**Certificate Number:** U0219070304856

**Reviewer Number:** P0035145122021

**Precleaning:** No Pre-Cleaning

**PO Number:**

**Media Label:**

**Date & Time:** 2023-12-13

**Sheet No.:**

**Date Cleaned:**

**Work Order:**

**Consequence of Failure:**



# Condition Report

Graph	Position	Code	Observation	Video (sec)	Grade
	0ft	MGO	Miscellaneous General Observation	4.93	S 0
	0.9ft	MMS	Missing Mortar Small	6.73	S 2
	2.1ft	SRI	Surface Damage Roughness Increased	9.13	S 1
	3.3ft	DAE	Deposits Attached Encrustation	11.53	S 0
	3.3ft	DAE	Deposits Attached Encrustation	11.53	S 0
	7.4ft	DAE	Deposits Attached Encrustation	19.73	M 2
	7.4ft	MGO	Miscellaneous General Observation	19.73	S 0
	7.4ft	DAE	Deposits Attached Encrustation	19.73	S 0
	7.4ft	DSC	Deposits Settled Compacted	19.73	M 4





Code: **MGO**  
Description: **Miscellaneous General Observation**

Distance: **0ft**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within Eight" of Joint: **False**  
Remarks: **Start inspection**



Code: **MMS**  
Description: **Missing Mortar Small**

Distance: **0ft**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To: **7**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within Eight" of Joint: **False**  
Remarks:



Code: **SRI**  
Description: **Surface Damage Roughness Increased**

Distance: **2ft**  
Structural Grade: **1**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within Eight" of Joint: **False**  
Remarks:





Code: **DAE**  
Description: **Deposits Attached Encrustation**

Distance: **3ft**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **55**  
Continuous Index:  
Within Eight" of Joint: **False**  
Remarks: **Hanging from ceiling**



Code: **DAE**  
Description: **Deposits Attached Encrustation**

Distance: **3ft**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **25**  
Continuous Index: **S01**  
Within Eight" of Joint: **False**  
Remarks:



Code: **DAE**  
Description: **Deposits Attached Encrustation**

Distance: **7ft**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **3**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **65**  
Continuous Index:  
Within Eight" of Joint: **False**  
Remarks:





Code: **MGO**  
Description: **Miscellaneous General Observation**

Distance: **7ft**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within Eight" of Joint: **False**  
Remarks: **End inspection**



Code: **DAE**  
Description: **Deposits Attached Encrustation**

Distance: **7ft**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **25**  
Continuous Index: **F01**  
Within Eight" of Joint: **False**  
Remarks:



Code: **DSC**  
Description: **Deposits Settled Compacted**

Distance: **7ft**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From: **3**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **35**  
Continuous Index:  
Within Eight" of Joint: **False**  
Remarks:



