

APPENDIX A
Area A Manhole Inspection Reports

WRIGHT-PIERCE

Project Name: Trumbull 9/9 MANHOLE INSPECTION REPORT
Subsystem Name/No. 5

Manhole ID No. 5337

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

Note: See Reverse Side of Form for Standard Photos Required

PROJECT LOCATION: Trumbull, CT

PROJECT NO.: 12051 D

DATE: 8/30/2011

WEATHER: Sunny

TIME: 3:16pm

INSPECTOR: mm, pke

LOCATION DATA:

STREET

Brewster Place

(Address # & Street or Closest Intersection)

BURIED: Yes/No Yes

PAVED AREA: Yes/No Yes

SHEETING: Yes/No Yes

PONDING: Yes/No Yes

Depth in.

DRAINAGE AREA:

MANHOLE DATA:

COVER CONDITION:

COVER TYPE:

(Circle One) 1 2 3 4 5
None Solid Vented/Slotted
Concealed Pick Holes Bolted Locked
Gasketed-Yes/No No (to prevent inflow)
Inner Cover-Yes/No No (not inflow dish)
18" 24" 30" 26"

COVER DIAMETER:

NO. OF COVER HOLES:

SIZE OF COVER HOLES:

AT ABOVE/BELOW GRADE?

SURCHARGED AT INSPECTION? Y/N Y

EVIDENCE OF SURCHARGE? Y/N Y

CONDITION OF RIM:

FRAME CONDITION:

RISER CONDITION:

EVIDENCE OF INFLOW? Y/N

RISERS ARE:

MANHOLE DIAMETER

MANHOLE IS: BRICK

DEPTH OF MANHOLE:

EVIDENCE OF INFLOW

CONDITION OF WALLS:

EVIDENCE OF INFILTRATION

CONDITION OF STEPS:

NUMBER OF SECTIONS:

CONDITION OF INVERTS:

EVIDENCE OF INFILTRATION

CONDITION OF TABLE:

EVIDENCE OF INFILTRATION

GROUNDWATER LEVEL

DEFECTS/LEAKAGE POINTS:

COVER: Y/N Est. I/I

FRAME: Y/N Est. I/I

WALLS: Y/N Est. I/I

JOINTS: Y/N Est. I/I

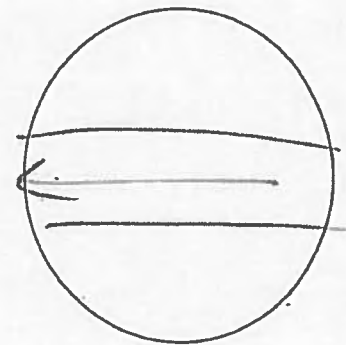
INVERTS: Y/N Est. I/I

TABLES: Y/N Est. I/I

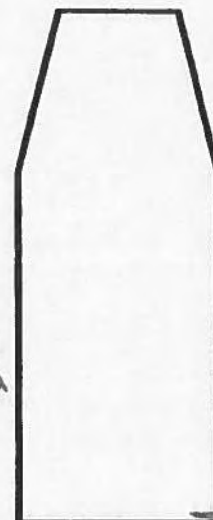
TOTAL ESTIMATED I/I (GPM):

CORROSION PROBLEMS?

COMMENTS (REQUIRED):



PLAN



SECTION

Overall MH Condition
Rating (1-5)

2

minor infiltration

wall table lead witness

WRIGHT-PIERCE
MANHOLE INSPECTION REPORT

Project Name: _____
Subsystem Name/No. 5

Manhole ID No. 5-197

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

*Note: See Reverse Side of Form
for Standard Photos Required*

PROJECT LOCATION: Tumbully CT PROJECT NO.: 12051D
DATE: 9/8/11 WEATHER: _____ TIME: 12:20 INSPECTOR: AEZ/JDM

LOCATION DATA:
STREET Craig Ln (Address # & Street or Closest Intersection)
BURIED: Yes ☒ No ☐ PAVED AREA: Yes ☒ No ☐ SHEETING: Yes ☒ No ☐ PONDING: Yes ☒ No ☐ Depth in.
DRAINAGE AREA: _____ Sq.ft.

MANHOLE DATA:

COVER CONDITION: (Circle One) 1 2 3 4 5
COVER TYPE: None Solid Vented/Slotted

Concealed Pick Holes Bolted Locked

Gasketed-Yes ☒ No ☐ (to prevent inflow)

Inner Cover-Yes ☒ No ☐ (not inflow dish)

COVER DIAMETER: 18" 24" 30"
NO. OF COVER HOLES: 0
SIZE OF COVER HOLES: N/A

AT ABOVE/BELOW GRADE? _____ in.

SURCHARGED AT INSPECTION? Y ☒ N ☐ Height _____ in.

EVIDENCE OF SURCHARGE? Y ☒ N ☐ Height _____ in.

CONDITION OF RIM: (Circle One) 1 2 3 4 5

FRAME CONDITION: (Circle One) 1 2 3 4 5

RISER CONDITION: (Circle One) 1 2 3 4 5

EVIDENCE OF INFLOW? Y ☒ N ☐

RISERS ARE: BRICK BLOCK PRECAST

MANHOLE DIAMETER 2FT 3FT 4FT OTHER: _____

MANHOLE IS: BRICK BLOCK PRECAST OTHER: _____

DEPTH OF MANHOLE: 7' 5" FT (Rim to Invert)

EVIDENCE OF INFLOW Y ☒ N ☐

CONDITION OF WALLS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y ☒ N ☐

CONDITION OF STEPS: (Circle One) 1 2 3 4 5

NUMBER OF SECTIONS: 2 3 4

CONDITION OF INVERTS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y ☒ N ☐

CONDITION OF TABLE: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y ☒ N ☐

GROUNDWATER LEVEL _____ ft (above invert)

DEFECTS/LEAKAGE POINTS: (Note hole/crack size if any, length/width)

COVER: Y ☒ N ☐ Est. I/I _____ JOINTS: Y ☒ N ☐ Est. I/I _____

FRAME: Y ☒ N ☐ Est. I/I 2 gpm INVERTS: Y ☒ N ☐ Est. I/I _____

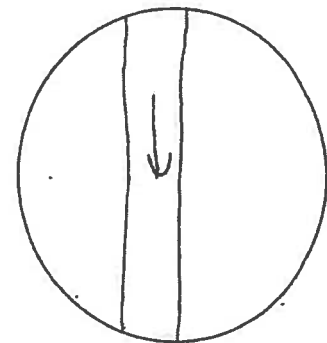
WALLS: Y ☒ N ☐ Est. I/I _____ TABLES: Y ☒ N ☐ Est. I/I _____

TOTAL ESTIMATED I/I (GPM): 2 gpm

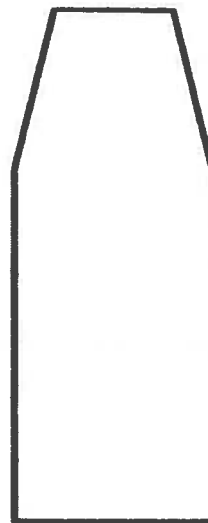
CORROSION PROBLEMS? Y ☒ N ☐

COMMENTS (REQUIRED): Bricks falling apart. Riser is leaking steadily.

SECTION



PLAN



Overall MH Condition
Rating (1-5)

3

WRIGHT-PIERCE
MANHOLE INSPECTION REPORT

Project Name: _____
Subsystem Name/No. 5

Manhole ID No. 5-215

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

*Note: See Reverse Side of Form
for Standard Photos Required*

PROJECT LOCATION: TRUMBULL CT PROJECT NO.: 120512
DATE: 9/16 WEATHER: SUNNY TIME: 2:10pm INSPECTOR: PRL/CLD

LOCATION DATA:
STREET: DEERFIELD DR (Address # & Street or Closest Intersection)
BURIED: Yes/No Yes/No PAVED AREA: Yes/No Yes/No SHEETING: Yes/No Yes/No PONDING: Yes/No Yes/No Depth in.
DRAINAGE AREA: _____ Sq.ft.

MANHOLE DATA:

COVER CONDITION: (Circle One) 1 2 3 4 5
COVER TYPE: None Solid Vented/Slotted
Concealed Pick Holes Bolted Locked
Gasketed-Yes/No (to prevent inflow)
Inner Cover-Yes/No (not/inflow dish)
18" 24" 30"

COVER DIAMETER: _____
NO. OF COVER HOLES: _____
SIZE OF COVER HOLES: 10/A

(AT) ABOVE/BELOW GRADE? _____ in.
SURCHARGED AT INSPECTION? Y/N Y/N Height _____ in.
EVIDENCE OF SURCHARGE? Y/N Y/N Height _____ in.

CONDITION OF RIM: (Circle One) 1 2 3 4 5
FRAME CONDITION: (Circle One) 1 2 3 4 5

RISER CONDITION: (Circle One) 1 2 3 4 5
EVIDENCE OF INFLOW? Y/N Y/N

RISERS ARE: BRICK BLOCK PRECAST

MANHOLE DIAMETER 2FT 3FT 4FT OTHER: _____

MANHOLE IS: BRICK BLOCK PRECAST OTHER: _____
DEPTH OF MANHOLE: 10.17 FT (Rim to Invert)

EVIDENCE OF INFLOW Y/N
CONDITION OF WALLS: (Circle One) 1 2 3 4 5
EVIDENCE OF INFILTRATION Y/N
CONDITION OF STEPS: (Circle One) 1 2 3 4 5
NUMBER OF SECTIONS: 2 3 4

CONDITION OF INVERTS: (Circle One) 1 2 3 4 5
EVIDENCE OF INFILTRATION Y/N
CONDITION OF TABLE: (Circle One) 1 2 3 4 5

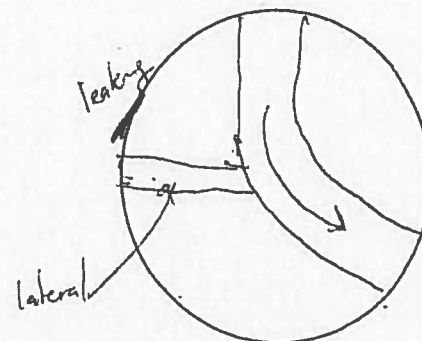
EVIDENCE OF INFILTRATION Y/N
GROUNDWATER LEVEL _____ ft (above invert)
DEFECTS/LEAKAGE POINTS: (Note hole/crack size if any, length/width)

COVER: Y/N Est. I/I _____ JOINTS: Y/N Est. I/I _____
FRAME: Y/N Est. I/I _____ INVERTS: Y/N Est. I/I _____
WALLS: Y/N Est. I/I _____ TABLES: Y/N Est. I/I 5-10 gpm

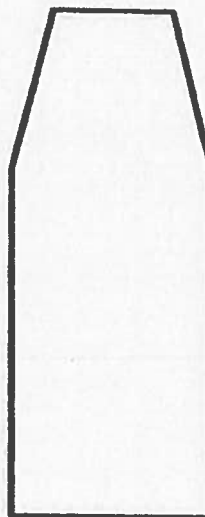
TOTAL ESTIMATED I/I (GPM): _____

CORROSION PROBLEMS? Y/N

COMMENTS (REQUIRED): _____



PLAN



SECTION

Overall MH Condition
Rating (1-5)

3

WRIGHT-PIERCE
MANHOLE INSPECTION REPORT

Project Name: _____
Subsystem Name/No. 5

Manhole ID No. 5-132

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

*Note: See Reverse Side of Form
for Standard Photos Required*

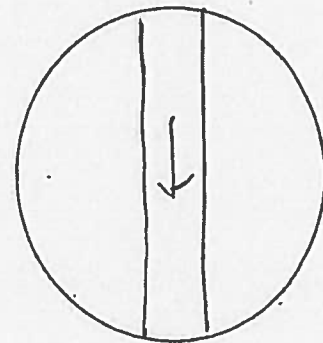
PROJECT LOCATION: Tomball, CT PROJECT NO.: 12051D
DATE: 9/15/11 WEATHER: Sunny TIME: 11:40 INSPECTOR: JPM + BRL

LOCATION DATA:

STREET: Edison Rd. (Address # & Street or Closest Intersection)
BURIED: Yes ☒ No ☐ PAVED AREA: Yes ☒ No ☐ SHEETING: Yes ☒ No ☐ PONDING: Yes ☒ No ☐ Depth in.
DRAINAGE AREA: Sq.ft.

MANHOLE DATA:

COVER CONDITION: (Circle One) 1 2 3 4 5
COVER TYPE: None ☒ Solid ☐ Vented/Slotted
Concealed Pick Holes Bolted Locked
Gasketed-Yes ☒ (to prevent inflow)
Inner Cover-Yes ☒ (not inflow dish)
18" 24" 26" 30"



PLAN

COVER DIAMETER: _____
NO. OF COVER HOLES: 0
SIZE OF COVER HOLES: 0
☒ ABOVE/BELOW GRADE? _____ in.

SURCHARGED AT INSPECTION? Y ☒ N ☐ Height _____ in.
EVIDENCE OF SURCHARGE? Y ☒ N ☐ Height _____ in.
CONDITION OF RIM: (Circle One) 1 2 3 4 5
FRAME CONDITION: (Circle One) 1 2 3 4 5

RISER CONDITION: (Circle One) 1 2 3 4 5

EVIDENCE OF INFLOW? Y/N

RISERS ARE: BRICK BLOCK PRECAST

MANHOLE DIAMETER 2FT 3FT 4FT OTHER: _____

MANHOLE IS: BRICK BLOCK PRECAST OTHER: _____
DEPTH OF MANHOLE: 9'-10" FT (Rim to Invert)

EVIDENCE OF INFLOW Y ☒ N ☐
CONDITION OF WALLS: (Circle One) 1 2 3 4 5
EVIDENCE OF INFILTRATION Y/N
CONDITION OF STEPS: (Circle One) 1 2 3 4 5
NUMBER OF SECTIONS: 2 3 4

CONDITION OF INVERTS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N

CONDITION OF TABLE: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y ☒ N ☐

GROUNDWATER LEVEL _____ ft (above invert)

DEFECTS/LEAKAGE POINTS: (Note hole/crack size if any, length/width)

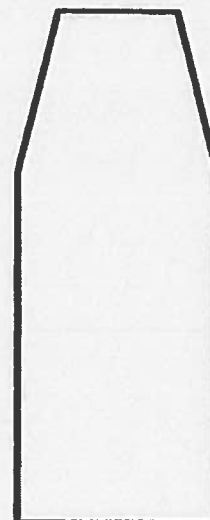
COVER: Y ☒ N ☐ Est. I/I _____ JOINTS: Y ☒ N ☐ Est. I/I _____
FRAME: Y ☒ N ☐ Est. I/I _____ INVERTS: Y ☒ N ☐ Est. I/I 2
WALLS: Y/N Est. I/I 4 TABLES: Y ☒ N ☐ Est. I/I _____

TOTAL ESTIMATED I/I (GPM): 6

CORROSION PROBLEMS? Y ☒ N ☐

COMMENTS (REQUIRED): _____

SECTION



Overall MH Condition
Rating (1-5)

3

**WRIGHT-PIERCE
MANHOLE INSPECTION REPORT**

Project Name: _____
Subsystem Name/No. 5

Manhole ID No. 5-258

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

*Note: See Reverse Side of Form
for Standard Photos Required*

PROJECT LOCATION:

DATE: 9/15/11

Edison St. Trumbull, CT

PROJECT NO.: 12051D

LOCATION DATA:

STREET

Edison St.

(Address # & Street or Closest Intersection)

BURIED: Yes ☒

PAVED AREA: Yes ☒ No ☐

SHEETING: Yes ☒ No ☐

PONDING: Yes ☒ No ☐ Depth 1 in.

DRAINAGE AREA: _____ Sq.ft.

MANHOLE DATA:

COVER CONDITION:

COVER TYPE:

(Circle One) 1 2 3 4 5 Cracked

None

Solid

Vented/Slotted

Concealed Pick Holes

Bolted

Locked

Gasketed-Yes ☒ No ☐ (to prevent inflow)

Inner Cover-Yes ☒ No ☐ (not inflow dish)

18" 24" 26" 30"

COVER DIAMETER:

NO. OF COVER HOLES:

SIZE OF COVER HOLES:

AT/ABOVE/BELOW GRADE?

in.

SURCHARGED AT INSPECTION? Yes ☒ No ☐

EVIDENCE OF SURCHARGE? Yes ☒ No ☐

CONDITION OF RIM:

(Circle One) 1 2 3 4 5

FRAME CONDITION:

(Circle One) 1 2 3 4 5

RISER CONDITION:

(Circle One) 1 2 3 4 5

EVIDENCE OF INFLOW? Yes ☒ No ☐

RISERS ARE:

BRICK

BLOCK

PRECAST

MANHOLE DIAMETER

2FT

3FT

4FT

OTHER: _____

MANHOLE IS: BRICK

BLOCK

PRECAST

OTHER: _____

DEPTH OF MANHOLE:

6'-1"

FT (Rim to Invert)

EVIDENCE OF INFLOW

YN

CONDITION OF WALLS:

(Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION

YN

CONDITION OF STEPS:

(Circle One) 1 2 3 4 5

NUMBER OF SECTIONS:

2 3 4

CONDITION OF INVERTS:

(Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION

YN

CONDITION OF TABLE:

(Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION

YN

GROUNDWATER LEVEL

_____ ft (above invert)

DEFECTS/LEAKAGE POINTS:

(Note hole/crack size if any, length/width)

COVER: Yes ☒ No ☐

Est. I/I _____

JOINTS:

YN

Est. I/I 3

FRAME: Yes ☒ No ☐

Est. I/I _____

INVERTS:

YN

Est. I/I 1.5

WALLS: Yes ☒ No ☐

Est. I/I _____

TABLES:

YN

Est. I/I 3

TOTAL ESTIMATED I/I (GPM):

12 gpm

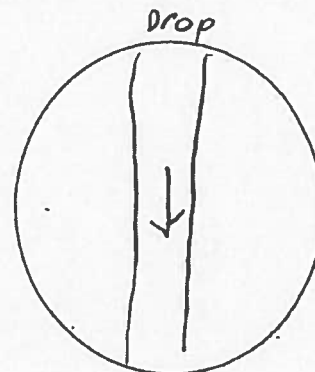
CORROSION PROBLEMS?

Y/N

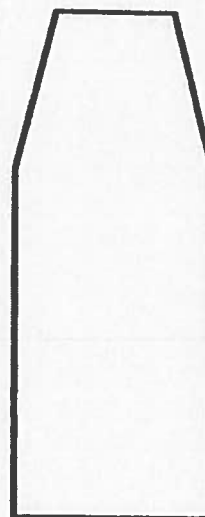
COMMENTS (REQUIRED):

There is a hose
built into the M.H.

SECTION



PLAN



Overall MH Condition
Rating (1-5)

3

WRIGHT-PIERCE
MANHOLE INSPECTION REPORT

Project Name: _____
Subsystem Name/No. 5

Manhole ID No. 5-71

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

*Note: See Reverse Side of Form
for Standard Photos Required*

PROJECT LOCATION: Trumbull, CT PROJECT NO.: 12051D
DATE: 12/29/11 WEATHER: Sunny TIME: 11:35AM INSPECTOR: JDM/NLO

LOCATION DATA:

STREET Edison Rd. (Address # & Street or Closest Intersection)
BURIED: Yes ☒ No ☐ PAVED AREA: Yes ☒ No ☐ SHEETING: Yes ☒ No ☐ PONDING: Yes ☒ No ☐ Depth in.
DRAINAGE AREA: Sq.ft.

MANHOLE DATA:

COVER CONDITION: (Circle One) 1 2 3 4 5
COVER TYPE: None ☒ Solid ☐ Vented/Slotted
Concealed Pick Holes ☐ Bolted ☐ Locked
Gasketed-Yes ☒ No ☐ (to prevent inflow)
Inner Cover-Yes ☒ No ☐ (not inflow dish)
18" 24" 26" 30"

COVER DIAMETER:

NO. OF COVER HOLES: 0

SIZE OF COVER HOLES:

AT/ABOVE/BELOW GRADE? 0.5 in.

SURCHARGED AT INSPECTION? Y/N Height in.

EVIDENCE OF SURCHARGE? Y/N Height in.

CONDITION OF RIM: (Circle One) 1 2 3 4 5

FRAME CONDITION: (Circle One) 1 2 3 4 5

RISER CONDITION: (Circle One) 1 2 3 4 5

EVIDENCE OF INFLOW? Y ☒ N ☐

RISERS ARE: BRICK BLOCK PRECAST

MANHOLE DIAMETER 2FT 3FT 4FT OTHER:

MANHOLE IS: BRICK BLOCK PRECAST OTHER:

DEPTH OF MANHOLE: 8-10 FT (Rim to Invert)

EVIDENCE OF INFLOW Y/N

CONDITION OF WALLS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y ☒ N ☐ Joint

CONDITION OF STEPS: (Circle One) 1 2 3 4 5

NUMBER OF SECTIONS: 2 3 4

CONDITION OF INVERTS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y ☒ N ☐

CONDITION OF TABLE: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y ☒ N ☐

GROUNDWATER LEVEL ft (above invert)

DEFECTS/LEAKAGE POINTS: (Note hole/crack size if any, length/width)

COVER: Y ☒ N ☐ Est. I/I JOINTS: Y ☒ N ☐ Est. I/I 1.6 gpm

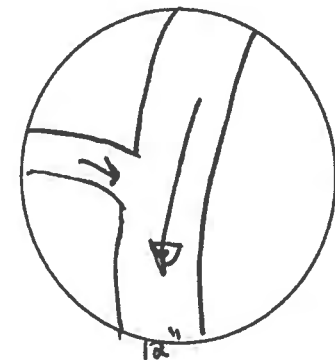
FRAME: Y ☒ N ☐ Est. I/I INVERTS: Y ☒ N ☐ Est. I/I

WALLS: Y ☒ N ☐ Est. I/I TABLES: Y ☒ N ☐ Est. I/I

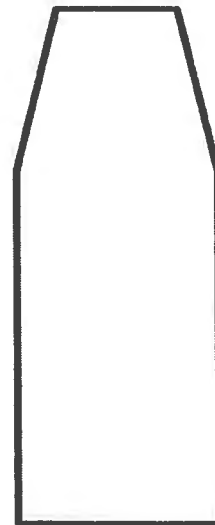
TOTAL ESTIMATED I/I (GPM): 1

CORROSION PROBLEMS? Y ☒ N ☐

COMMENTS (REQUIRED):



PLAN



Overall MH Condition
Rating (1-5)



SECTION

WRIGHT-PIERCE
MANHOLE INSPECTION REPORT

Project Name: _____
Subsystem Name/No. 5

Manhole ID No. 5-183

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

*Note: See Reverse Side of Form
for Standard Photos Required*

PROJECT LOCATION:

DATE: 9/14/2011 WEATHER: Sunny TIME: 1:58 PM PROJECT NO.: 12051D

LOCATION DATA:

STREET: Englewood Ln. (Address # & Street or Closest Intersection)
BURIED: Yes/No No PAVED AREA: Yes/No No SHEETING: Yes/No No PONDING: Yes/No No Depth in.
DRAINAGE AREA: Sq.ft.

MANHOLE DATA:

COVER CONDITION: (Circle One) 1 2 3 4 5
COVER TYPE: None Solid Vented/Slotted

Concealed Pick Holes Bolted Locked
Gasketed-Yes/No No (to prevent inflow)
Inner Cover-Yes/No No (not inflow dish)

COVER DIAMETER: 18" 24" 30" 36"

NO. OF COVER HOLES: 0

SIZE OF COVER HOLES: in.

AT/ABOVE/BELOW GRADE? in.

SURCHARGED AT INSPECTION? Y/N N Height in.

EVIDENCE OF SURCHARGE? Y/N N Height in.

CONDITION OF RIM: (Circle One) 1 2 3 4 5

FRAME CONDITION: (Circle One) 1 2 3 4 5

RISER CONDITION: (Circle One) 1 2 3 4 5

EVIDENCE OF INFLOW? Y/N N

RISERS ARE: BRICK BLOCK PRECAST

MANHOLE DIAMETER 2FT 3FT 4FT OTHER:

MANHOLE IS: BRICK BLOCK PRECAST OTHER:

DEPTH OF MANHOLE: 7 FT (Rim to Invert)

EVIDENCE OF INFLOW Y/N N

CONDITION OF WALLS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N N

CONDITION OF STEPS: (Circle One) 1 2 3 4 5

NUMBER OF SECTIONS: 2 3 4

CONDITION OF INVERTS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N N

CONDITION OF TABLE: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N N

GROUNDWATER LEVEL ft (above invert)

DEFECTS/LEAKAGE POINTS: (Note hole/crack size if any, length/width)

COVER: Y/N N Est. I/I JOINTS: Y/N N Est. I/I

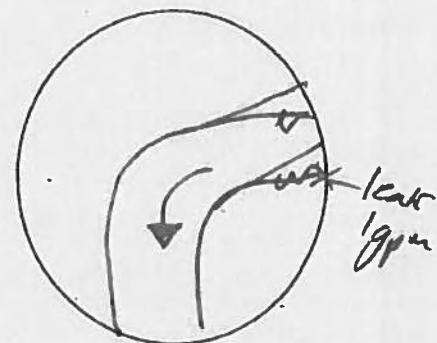
FRAME: Y/N N Est. I/I INVERTS: Y/N N Est. I/I

WALLS: Y/N N Est. I/I 1 gpm TABLES: Y/N N Est. I/I

TOTAL ESTIMATED I/I (GPM):

CORROSION PROBLEMS? Y/N N

COMMENTS (REQUIRED): *leak on wall (1 gpm) right above
hdb



PLAN



Overall MH Condition
Rating (1-5)

2

SECTION

WRIGHT-PIERCE

Project Name: Trumbull 9/19 MANHOLE INSPECTION REPORT

Subsystem Name/No. 5

Manhole ID No. 5-311

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

Note: See Reverse Side of Form for Standard Photos Required

PROJECT LOCATION: Trumbull, CT

DATE: 8-31-2011

WEATHER: sunny

TIME: 1032am

PROJECT NO.: 102510

INSPECTOR: 1mm/jdm

LOCATION DATA:

STREET: Garden St

(Address # & Street or Closest Intersection)

BURIED: Yes ☒ No

PAVED AREA: Yes ☒ No

SHEETING: Yes ☒ No

PONDING: Yes ☒ No Depth in.

DRAINAGE AREA: Sq.ft.

MANHOLE DATA:

COVER CONDITION:

COVER TYPE:

(Circle One) 1 2 3 4 5
 None Solid Vented/Slotted
 Concealed Pick Holes Bolted Locked
 Gasketed-Yes/No (to prevent inflow)
 Inner Cover-Yes/No (not inflow dish)

COVER DIAMETER:

NO. OF COVER HOLES:

SIZE OF COVER HOLES:

AT/ABOVE/BELOW GRADE? in.

SURCHARGED AT INSPECTION? Y/N

EVIDENCE OF SURCHARGE? Y/N

CONDITION OF RIM: (Circle One) 1 2 3 4 5

FRAME CONDITION: (Circle One) 1 2 3 4 5

RISER CONDITION: (Circle One) 1 2 3 4 5

EVIDENCE OF INFLOW? Y/N

RISERS ARE: BRICK

BLOCK

PRECAST

MANHOLE DIAMETER

2FT

3FT

4FT

OTHER: 26"

MANHOLE IS: BRICK

BLOCK

PRECAST

OTHER: 26"

DEPTH OF MANHOLE:

8'9"

FT (Rim to Invert)

EVIDENCE OF INFLOW

Y/N

CONDITION OF WALLS:

(Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION

Y/N

CONDITION OF STEPS:

(Circle One) 1 2 3 4 5

NUMBER OF SECTIONS:

2 3 4

CONDITION OF INVERTS:

(Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION

Y/N

CONDITION OF TABLE:

(Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION

Y/N

GROUNDWATER LEVEL

ft (above invert)

DEFECTS/LEAKAGE POINTS:

(Note hole/crack size if any, length/width)

COVER: Y/N

Est. I/I

JOINTS: Y/N

Est. I/I

FRAME: Y/N

Est. I/I

INVERTS: Y/N

Est. I/I

WALLS: Y/N

Est. I/I

TABLES: Y/N

Est. I/I

TOTAL ESTIMATED I/I (GPM):

2-3 pm

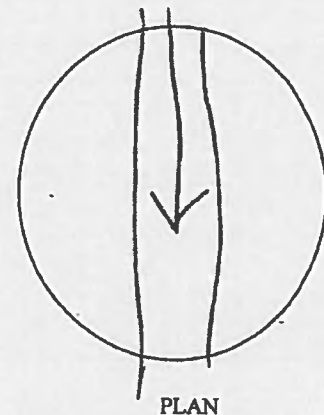
CORROSION PROBLEMS?

YN

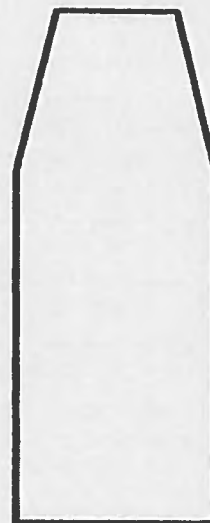
COMMENTS (REQUIRED):

behind minor
stairs corr.

SECTION



PLAN



Overall MH Condition
Rating (1-5)



2

**WRIGHT-PIERCE
MANHOLE INSPECTION REPORT**

Project Name: _____
Subsystem Name/No. 5

Manhole ID No. 5-65

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

*Note: See Reverse Side of Form
for Standard Photos Required*

PROJECT LOCATION: TRUMBULL, CT PROJECT NO.: 120510
DATE: 7/26/11 WEATHER: SUNNY TIME: 11:15 AM INSPECTOR: JOM

LOCATION DATA:

STREET HIGHGATE RD (Address # & Street or Closest Intersection)
BURIED: Yes/No No PAVED AREA: Yes/No No SHEETING: Yes/No _____ PONDING: Yes/No _____ Depth in.
DRAINAGE AREA: _____ Sq.ft.

MANHOLE DATA:

COVER CONDITION: (Circle One) 1 2 3 4 5
COVER TYPE: None Solid Vented/Slotted
Concealed Pick Holes Bolted Locked
Gasketed-Yes/No (to prevent inflow)
Inner Cover-Yes/No (not inflow dish)

COVER DIAMETER: 18" 24" 26" 30"

NO. OF COVER HOLES: 0

SIZE OF COVER HOLES:

AT/ABOVE/BELOW GRADE? _____ in.

SURCHARGED AT INSPECTION? Y/N _____ Height in.

EVIDENCE OF SURCHARGE? Y/N _____ Height in.

CONDITION OF RIM: (Circle One) 1 2 3 4 5

FRAME CONDITION: (Circle One) 1 2 3 4 5

RISER CONDITION: (Circle One) 1 2 3 4 5

EVIDENCE OF INFLOW? Y/N _____

RISERS ARE: BRICK BLOCK PRECAST

MANHOLE DIAMETER 2FT 3FT 4FT OTHER: _____

MANHOLE IS: BRICK BLOCK PRECAST OTHER: _____

DEPTH OF MANHOLE: 14.75 FT (Rim to Invert)

EVIDENCE OF INFLOW Y/N _____

CONDITION OF WALLS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N _____

CONDITION OF STEPS: (Circle One) 1 2 3 4 5

NUMBER OF SECTIONS: 2 3 4 5

CONDITION OF INVERTS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N _____

CONDITION OF TABLE: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N _____

GROUNDWATER LEVEL _____ ft (above invert)

DEFECTS/LEAKAGE POINTS: (Note hole/crack size if any, length/width)

COVER: Y/N Y Est. I/I _____ JOINTS: Y/N Y Est. I/I _____

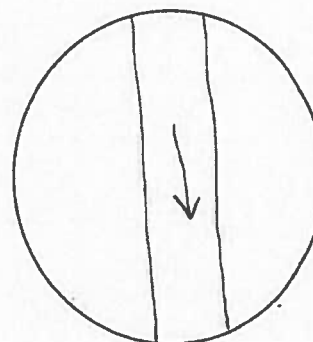
FRAME: Y/N Y Est. I/I _____ INVERTS: Y/N Y Est. I/I _____

WALLS: Y/N Y Est. I/I _____ TABLES: Y/N Y Est. I/I _____

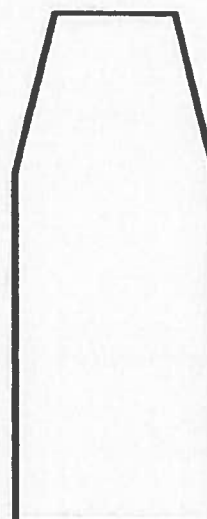
TOTAL ESTIMATED I/I (GPM): _____

CORROSION PROBLEMS? Y/N _____

COMMENTS (REQUIRED): _____



PLAN



SECTION

Overall MH Condition
Rating (1-5)

2

WRIGHT-PIERCE
MANHOLE INSPECTION REPORT

Project Name: _____
Subsystem Name/No. 5

Manhole ID No. 5-67

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

*Note: See Reverse Side of Form
for Standard Photos Required*

PROJECT LOCATION: Trumbull, CT PROJECT NO.: 12051D
DATE: 12/29/11 WEATHER: Sunny TIME: 11:05 AM INSPECTOR: JDM/NLO

LOCATION DATA:

STREET Highgate Rd (Address # & Street or Closest Intersection)

BURIED: Yes/No No PAVED AREA: Yes/No No SHEETING: Yes/No No PONDING: Yes/No No Depth in.

DRAINAGE AREA: Sq.ft.

MANHOLE DATA:

COVER CONDITION:

COVER TYPE:

(Circle One) 1 2 3 4 5
None Solid Vented/Slotted
Concealed Pick Holes Bolted Locked
Gasketed-Yes/No No (to prevent inflow)
Inner Cover-Yes/No No (not inflow dish)
18" 24" 30" 30"

COVER DIAMETER:

NO. OF COVER HOLES:

SIZE OF COVER HOLES:

1 ABOVE/BELOW GRADE? in.

SURCHARGED AT INSPECTION? Y/N N Height in.

EVIDENCE OF SURCHARGE? Y/N Height in.

CONDITION OF RIM: (Circle One) 1 2 3 4 5

FRAME CONDITION: (Circle One) 1 2 3 4 5

RISER CONDITION: (Circle One) 1 2 3 4 5

EVIDENCE OF INFLOW? Y/N N

RISERS ARE: BRICK BLOCK PRECAST

MANHOLE DIAMETER 2FT 3FT 4FT OTHER:

MANHOLE IS: BRICK BLOCK PRECAST OTHER:

DEPTH OF MANHOLE: 10'-2" FT (Rim to Invert)

EVIDENCE OF INFLOW Y/N N

CONDITION OF WALLS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N N by drop pipe

CONDITION OF STEPS: (Circle One) 1 2 3 4 5

NUMBER OF SECTIONS: 2 3 4

CONDITION OF INVERTS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N N

CONDITION OF TABLE: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N N

GROUNDWATER LEVEL ft (above invert)

DEFECTS/LEAKAGE POINTS: (Note hole/crack size if any, length/width)

COVER: Y/N N Est. I/I JOINTS: Y/N N Est. I/I

FRAME: Y/N N Est. I/I INVERTS: Y/N N Est. I/I

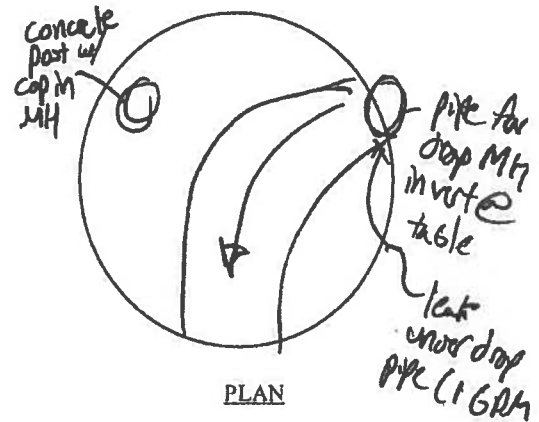
WALLS: Y/N N Est. I/I 160M TABLES: Y/N N Est. I/I

TOTAL ESTIMATED I/I (GPM):

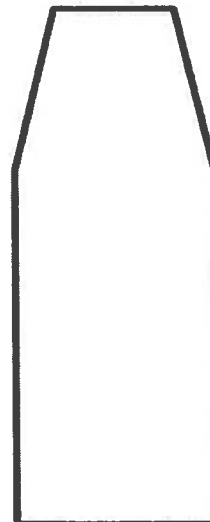
CORROSION PROBLEMS? Y/N

COMMENTS (REQUIRED): • lots of flow
• Crack on table 1

SECTION



PLAN



Overall MH Condition
Rating (1-5)

4

**WRIGHT-PIERCE
MANHOLE INSPECTION REPORT**

Project Name: _____
Subsystem Name/No. 5

Manhole ID No. 5-142

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

*Note: See Reverse Side of Form
for Standard Photos Required*

PROJECT LOCATION:

DATE: 8/31/2011 WEATHER: Tumbull, CT sunny TIME: 1:46 PM PROJECT NO.: 12051 D
INSPECTOR: ERL/ULO

LOCATION DATA:

STREET: Lounsbury Rd (Address # & Street or Closest Intersection)

BURIED: Yes/No No PAVED AREA: Yes/No No SHEETING: Yes/No No PONDING: Yes/No No Depth in.

MANHOLE DATA:

COVER CONDITION: (Circle One) 1 2 3 4 5
COVER TYPE: None Solid Vented/Slotted

Concealed Pick Holes Bolted Locked
Gasketed-Yes/No (to prevent inflow) No
Inner Cover-Yes/No (not inflow dish) No

COVER DIAMETER: 18" 24" 26" 30"

NO. OF COVER HOLES: 0

SIZE OF COVER HOLES: _____

AT ABOVE/BELOW GRADE? _____ in.

SURCHARGED AT INSPECTION? Y/N N Height _____ in.

EVIDENCE OF SURCHARGE? Y/N N Height _____ in.

CONDITION OF RIM: (Circle One) 1 2 3 4 5

FRAME CONDITION: (Circle One) 1 2 3 4 5

RISER CONDITION: (Circle One) 1 2 3 4 5

EVIDENCE OF INFLOW? Y/N N

RISERS ARE: BRICK BLOCK PRECAST

MANHOLE DIAMETER 2FT 3FT 4FT OTHER: _____

MANHOLE IS: BRICK BLOCK PRECAST OTHER: _____

DEPTH OF MANHOLE: 9.33 FT (Rim to Invert)

EVIDENCE OF INFLOW Y/N N

CONDITION OF WALLS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N N

CONDITION OF STEPS: (Circle One) 1 2 3 4 5

NUMBER OF SECTIONS: 2 3 4

CONDITION OF INVERTS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N N

CONDITION OF TABLE: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N N

GROUNDWATER LEVEL _____ ft (above invert)

DEFECTS/LEAKAGE POINTS: (Note hole/crack size if any, length/width)

COVER: Y/N N Est. I/I _____ JOINTS: Y/N N Est. I/I _____

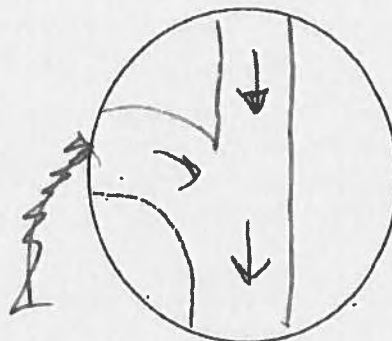
FRAME: Y/N N Est. I/I _____ INVERTS: Y/N N Est. I/I _____

WALLS: Y/N N Est. I/I 3-5pm TABLES: Y/N N Est. I/I _____

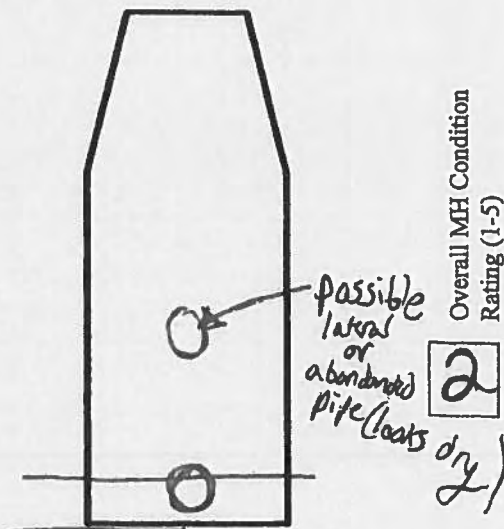
TOTAL ESTIMATED I/I (GPM): 3-5

CORROSION PROBLEMS? Y/N N

COMMENTS (REQUIRED): not @ joint



PLAN



SECTION

WRIGHT-PIERCE
MANHOLE INSPECTION REPORT

Project Name: _____
Subsystem Name/No. 5

Manhole ID No. 5-201

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

*Note: See Reverse Side of Form
for Standard Photos Required*

PROJECT LOCATION:

DATE: 9/8/11

WEATHER: _____

TIME: 11:26

PROJECT NO.: 12051, P

INSPECTOR: JDM/AEZ

LOCATION DATA:

STREET

McArthur Rd

(Address # & Street or Closest Intersection)

BURIED: Yes/No

PAVED AREA: Yes/No

SHEETING: Yes/No

PONDING: Yes/No

Depth in.

DRAINAGE AREA: _____ Sq.ft.

MANHOLE DATA:

COVER CONDITION:

(Circle One) 1 2 3 4 5

COVER TYPE:

None

Solid

Vented/Slotted

Concealed Pick Holes

Bolted

Locked

Gasketed-Yes/No (to prevent inflow)

Inner Cover-Yes/No (not inflow dish)

18" 24" 26" 30"

COVER DIAMETER:

NO. OF COVER HOLES:

0

SIZE OF COVER HOLES:

N/A

AT/ABOVE/BELOW GRADE?

 in.

SURCHARGED AT INSPECTION? Y/N

Y

Height in.

EVIDENCE OF SURCHARGE? Y/N

Y

Height in.

CONDITION OF RIM:

(Circle One) 1 2 3 4 5

FRAME CONDITION:

(Circle One) 1 2 3 4 5

RISER CONDITION:

(Circle One) 1 2 3 4 5

EVIDENCE OF INFLOW? Y/N

Y

RISERS ARE:

BRICK

BLOCK

PRECAST

MANHOLE DIAMETER

2FT

3FT

4FT

OTHER: _____

MANHOLE IS: BRICK

BLOCK

PRECAST

OTHER: _____

DEPTH OF MANHOLE:

8' 9" FT (Rim to Invert)

EVIDENCE OF INFLOW

Y/N

CONDITION OF WALLS:

(Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION

Y

CONDITION OF STEPS:

(Circle One) 1 2 3 4 5

NUMBER OF SECTIONS:

2 3 4

CONDITION OF INVERTS:

(Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION

Y

CONDITION OF TABLE:

(Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION

Y

GROUNDWATER LEVEL

 ft (above invert)

DEFECTS/LEAKAGE POINTS:

(Note hole/crack size if any, length/width)

COVER: Y

Est. I/I

JOINTS: Y

Est. I/I

FRAME: Y

Est. I/I

INVERTS: Y

Est. I/I

WALLS: Y

Est. I/I 2-3

TABLES: Y

Est. I/I

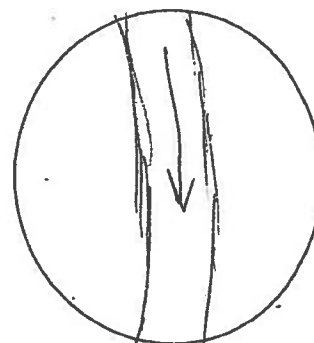
TOTAL ESTIMATED I/I (GPM):

2-3

CORROSION PROBLEMS?

Y

COMMENTS (REQUIRED): _____



PLAN



Overall MH Condition
Rating (1-5)

3

SECTION

**WRIGHT-PIERCE
MANHOLE INSPECTION REPORT**

Project Name: _____
Subsystem Name/No. 5

Manhole ID No. 5-203

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

*Note: See Reverse Side of Form
for Standard Photos Required*

PROJECT LOCATION: Trombly, CT PROJECT NO.: 12051D
DATE: 9/8/11 WEATHER: _____ TIME: 11:42 INSPECTOR: AJZ/SDM

LOCATION DATA:
STREET McArthur Rd (Address # & Street or Closest Intersection)
BURIED: Yes/No No PAVED AREA: Yes/No No SHEETING: Yes/No No PONDING: Yes/No No Depth in.
DRAINAGE AREA: _____ Sq.ft.

MANHOLE DATA:

COVER CONDITION: (Circle One) 1 2 3 4 5
COVER TYPE: None Solid Vented/Slotted

Concealed Pick Holes Bolted Locked
Gasketed-Yes/No No (to prevent inflow)
Inner Cover-Yes/No No (not inflow dish)

COVER DIAMETER: 18" 24" 30"
NO. OF COVER HOLES: 0
SIZE OF COVER HOLES: 0
AT/ABOVE/BELOW GRADE? _____ in.

SURCHARGED AT INSPECTION? Y/N N Height _____ in.

EVIDENCE OF SURCHARGE? Y/N N Height _____ in.

CONDITION OF RIM: (Circle One) 1 2 3 4 5

FRAME CONDITION: (Circle One) 1 2 3 4 5

RISER CONDITION: (Circle One) 1 2 3 4 5

EVIDENCE OF INFLOW? Y/N N

RISERS ARE: BRICK BLOCK PRECAST

MANHOLE DIAMETER 2FT 3FT 4FT OTHER: _____

MANHOLE IS: BRICK BLOCK PRECAST OTHER: _____

DEPTH OF MANHOLE: 8' 2" FT (Rim to Invert)

EVIDENCE OF INFLOW Y/N N

CONDITION OF WALLS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N N

CONDITION OF STEPS: (Circle One) 1 2 3 4 5

NUMBER OF SECTIONS: 2 3 4

CONDITION OF INVERTS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N N

CONDITION OF TABLE: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N N

GROUNDWATER LEVEL _____ ft (above invert)

DEFECTS/LEAKAGE POINTS: (Note hole/crack size if any, length/width)

COVER: Y/N N Est. I/I _____ JOINTS: Y/N N Est. I/I _____

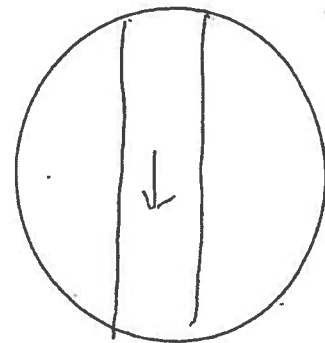
FRAME: Y/N N Est. I/I _____ INVERTS: Y/N N Est. I/I _____

WALLS: Y/N N Est. I/I _____ TABLES: Y/N N Est. I/I _____

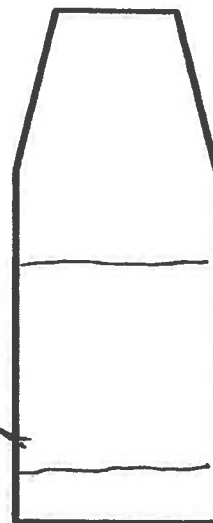
TOTAL ESTIMATED I/I (GPM): 1

CORROSION PROBLEMS? Y/N N

COMMENTS (REQUIRED): Leaking at bottom near the table SECTION



PLAN



Overall MH Condition
Rating (1-5)

2

WRIGHT-PIERCE
MANHOLE INSPECTION REPORT

Project Name: _____
Subsystem Name/No. 5

Manhole ID No. 5-347

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

*Note: See Reverse Side of Form
for Standard Photos Required*

PROJECT LOCATION: Trumbull, CT PROJECT NO.: 12051D
DATE: 12/29/11 WEATHER: Sunny TIME: 1:30 PM INSPECTOR: JDM/NLO

LOCATION DATA:

STREET Main Street (Address # & Street or Closest Intersection)

BURIED: Yes/No No PAVED AREA: Yes/No No SHEETING: Yes/No No PONDING: Yes/No No Depth in.

DRAINAGE AREA: was unbuilt Sq. ft.

MANHOLE DATA:

COVER CONDITION: (Circle One) 1 2 3 4 5
COVER TYPE: None Solid Vented/Slotted

Concealed Pick Holes Bolted Locked

Gasketed-Yes/No No (to prevent inflow)

Inner Cover-Yes/No No (not inflow dish)

COVER DIAMETER: 18" 24" 26" 30"

NO. OF COVER HOLES: 0

SIZE OF COVER HOLES: _____

AT/ABOVE/BELOW GRADE? u in.

SURCHARGED AT INSPECTION? Y/N N Height in.

EVIDENCE OF SURCHARGE? Y/N N Height in.

CONDITION OF RIM: (Circle One) 1 2 3 4 5

FRAME CONDITION: (Circle One) 1 2 3 4 5

RISER CONDITION: (Circle One) 1 2 3 4 5

EVIDENCE OF INFLOW? Y/N N

RISERS ARE: BRICK BLOCK PRECAST

MANHOLE DIAMETER 2FT 3FT 4FT OTHER: _____

MANHOLE IS: BRICK BLOCK PRECAST OTHER: _____

DEPTH OF MANHOLE: 8-4" FT (Rim to Invert)

EVIDENCE OF INFLOW Y/N N

CONDITION OF WALLS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N N

CONDITION OF STEPS: (Circle One) 1 2 3 4 5

NUMBER OF SECTIONS: 2 3 4

CONDITION OF INVERTS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N N

CONDITION OF TABLE: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N N

GROUNDWATER LEVEL _____ ft (above invert)

DEFECTS/LEAKAGE POINTS: (Note hole/crack size if any, length/width)

COVER: Y/N N Est. I/I _____ JOINTS: Y/N N Est. I/I _____

FRAME: Y/N N Est. I/I _____ INVERTS: Y/N N Est. I/I _____

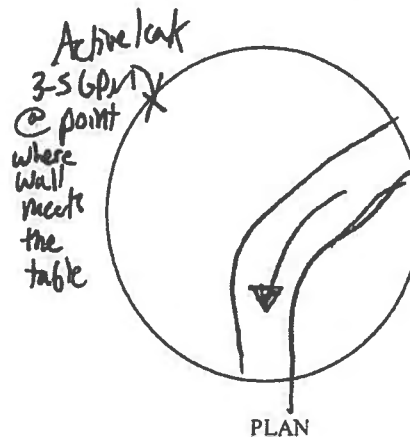
WALLS: Y/N N Est. I/I _____ TABLES: Y/N N Est. I/I 3-56PM

TOTAL ESTIMATED I/I (GPM): _____

CORROSION PROBLEMS? Y/N N

COMMENTS (REQUIRED): • 1 Active Leak (3-56PM)

SECTION



Overall MH Condition
Rating (1-5)



WRIGHT-PIERCE

MANHOLE INSPECTION REPORT

Project Name: Trumbull 9/9
Subsystem Name/No. 5

Manhole ID No. 5-351

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

Note: See Reverse Side of Form
for Standard Photos Required

PROJECT LOCATION: Trumbull, CT

DATE: 8/30/2011

WEATHER: Sunny

TIME: 1020 am

PROJECT NO.: 2051D

INSPECTOR: pko, lmm

LOCATION DATA:

STREET

Main Street / Park

(Address # & Street or Closest Intersection)

BURIED: Yes ☒ No

PAVED AREA: Yes ☒ No

SHEETING: Yes ☒ No

PONDING: Yes ☒ No

Depth in.

DRAINAGE AREA: Sq.ft.

MANHOLE DATA:

COVER CONDITION:

COVER TYPE:

- (Circle One) 1 2 3 4 5
None Solid Vented/Slotted
Concealed Pick Holes Bolted Locked
Gasketed-Yes ☒ No (to prevent inflow)
Inner Cover-Yes ☒ No (not inflow dish) 1

COVER DIAMETER:

NO. OF COVER HOLES:

SIZE OF COVER HOLES:

AT ABOVE/BELOW GRADE?

SURCHARGED AT INSPECTION? Y ☒ N

EVIDENCE OF SURCHARGE? Y ☒ N

CONDITION OF RIM: (Circle One) 1 2 3 4 5

FRAME CONDITION: (Circle One) 1 2 3 4 5

RISER CONDITION: (Circle One) 1 2 3 4 5

EVIDENCE OF INFLOW? Y ☒ N

RISERS ARE: BRICK BLOCK PRECAST

MANHOLE DIAMETER 2FT 3FT 4FT OTHER:

MANHOLE IS: BRICK BLOCK PRECAST OTHER:

DEPTH OF MANHOLE: 9.3 FT (Rim to Invert)

EVIDENCE OF INFLOW Y ☒ N

CONDITION OF WALLS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y ☒ N

CONDITION OF STEPS: (Circle One) 1 2 3 4 5

NUMBER OF SECTIONS: 2 3 4

CONDITION OF INVERTS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y ☒ N

CONDITION OF TABLE: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y ☒ N

GROUNDWATER LEVEL 6.8 ft (above invert)

DEFECTS/LEAKAGE POINTS: (Note hole/crack size if any, length/width)

COVER: Y ☒ N Est. I/I

FRAME: Y ☒ N Est. I/I

WALLS: Y ☒ N Est. I/I

JOINTS: Y ☒ N Est. I/I

INVERTS: Y ☒ N Est. I/I

TABLES: Y ☒ N Est. I/I

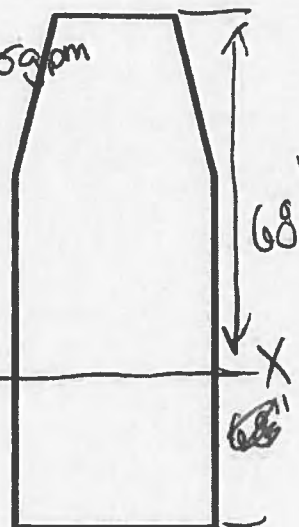
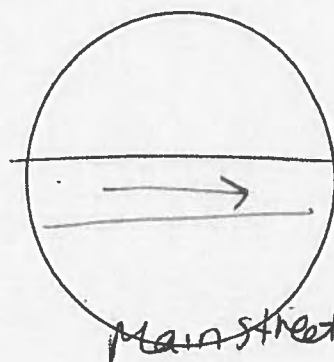
TOTAL ESTIMATED I/I (GPM): 5 gpm

CORROSION PROBLEMS? Y ☒ N

COMMENTS (REQUIRED):

Major source of infiltration
in system

SECTION



Overall MH Condition
Rating (1-5)

3

WRIGHT-PIERCE

MANHOLE INSPECTION REPORT

Project Name: Trumbull 919
Subsystem Name/No. 5

Manhole ID No. 5-318

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

Note: See Reverse Side of Form for Standard Photos Required

PROJECT LOCATION: Trumbull, CT PROJECT NO.: 12051 D
DATE: 8-31-2011 WEATHER: Sunny TIME: 9:42am INSPECTOR: Imm, jdm

LOCATION DATA: Int. of Chestnut + Orchard (Address # & Street or Closest Intersection)

BURIED: Yes/No NO PAVED AREA: Yes/No NO SHEETING: Yes/No NO PONDING: Yes/No NO Depth in.

MANHOLE DATA:

COVER CONDITION: (Circle One) 1 3 4 5
COVER TYPE: None Solid Vented/Slotted

Concealed Pick Holes Bolted Locked

Gasketed-Yes/No NO (to prevent inflow)

Inner Cover-Yes/No NO (not inflow dish)

COVER DIAMETER: 18" 24" 30" 26 11

NO. OF COVER HOLES: 0

SIZE OF COVER HOLES:

ABOVE/BELOW GRADE? in.

SURCHARGED AT INSPECTION? Y/N N Height in.

EVIDENCE OF SURCHARGE? Y/N N Height in.

CONDITION OF RIM: (Circle One) 1 2 3 4 5

FRAME CONDITION: (Circle One) 1 2 3 4 5 rusty

RISER CONDITION: (Circle One) 1 2 3 4 5

EVIDENCE OF INFLOW? Y/N N

RISERS ARE: BRICK BLOCK PRECAST

MANHOLE DIAMETER 2FT 3FT 4FT OTHER:

MANHOLE IS: BRICK BLOCK PRECAST OTHER:

DEPTH OF MANHOLE: 6'5" FT (Rim to Invert)

EVIDENCE OF INFLOW Y/N N

CONDITION OF WALLS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N N

CONDITION OF STEPS: (Circle One) 1 2 3 4 5

NUMBER OF SECTIONS: 2 3 4

CONDITION OF INVERTS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N N

CONDITION OF TABLE: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N N

GROUNDWATER LEVEL ft (above invert)

DEFECTS/LEAKAGE POINTS: (Note hole/crack size if any, length/width)

COVER: Y/N N Est. I/I JOINTS: Y/N N Est. I/I

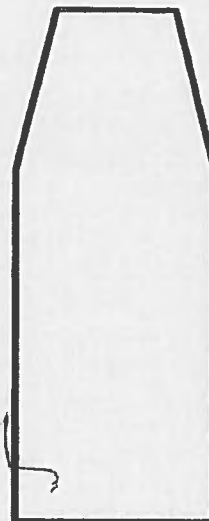
FRAME: Y/N N Est. I/I INVERTS: Y/N N Est. I/I 19gpm

WALLS: Y/N N Est. I/I TABLES: Y/N N Est. I/I 1-2

TOTAL ESTIMATED I/I (GPM): 2-3

CORROSION PROBLEMS? Y/N N

COMMENTS (REQUIRED): Minor infiltration SECTION



Overall MH Condition Rating (1-5)

3

WRIGHT-PIERCE

Project Name: Trumbull MANHOLE INSPECTION REPORT
Subsystem Name/No. 5

Manhole ID No. 5321 A

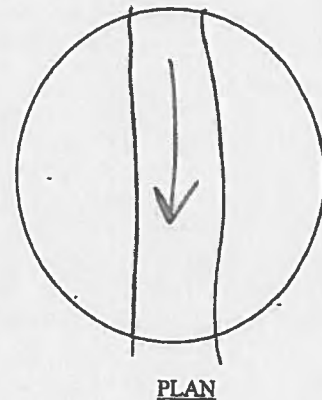
Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

Note: See Reverse Side of Form for Standard Photos Required

PROJECT LOCATION: Trumbull, CT PROJECT NO.: 12051 C
DATE: 8-31-2011 WEATHER: Sunny TIME: 9:21 am INSPECTOR: Imm, jdm
LOCATION DATA:
STREET: Orchard Street (Address # & Street or Closest Intersection)
BURIED: Yes/No No PAVED AREA: Yes/No No SHEETING: Yes/No No PONDING: Yes/No No Depth in.
DRAINAGE AREA: Sq.ft.
MANHOLE DATA:
COVER CONDITION: (Circle One) 1 2 3 4 5
COVER TYPE: None Solid Vented/Slotted
Concealed Pick Holes Bolted Locked
Gasketed-Yes/No (to prevent inflow) No
Inner Cover-Yes/No (not inflow dish) No 20"

COVER DIAMETER:
NO. OF COVER HOLES:
SIZE OF COVER HOLES:
AT/ABOVE/BELOW GRADE? in.
SURCHARGED AT INSPECTION? Y/N N Height in.
EVIDENCE OF SURCHARGE? Y/N N Height in.
CONDITION OF RIM: (Circle One) 1 2 3 4 5 chip on top
FRAME CONDITION: (Circle One) 1 2 3 4 5
RISER CONDITION: (Circle One) 1 2 3 4 5
EVIDENCE OF INFLOW? Y/N N
RISERS ARE: BRICK BLOCK PRECAST
MANHOLE DIAMETER 2FT 3FT 4FT OTHER:



MANHOLE IS: BRICK BLOCK PRECAST OTHER:
DEPTH OF MANHOLE: 7' 11" FT (Rim to Invert)
EVIDENCE OF INFLOW Y/N N
CONDITION OF WALLS: (Circle One) 1 2 3 4 5
EVIDENCE OF INFILTRATION N
CONDITION OF STEPS: (Circle One) 1 2 3 4 5
NUMBER OF SECTIONS: 2 3 4
CONDITION OF INVERTS: (Circle One) 1 2 3 4 5
EVIDENCE OF INFILTRATION Y/N N
CONDITION OF TABLE: (Circle One) 1 2 3 4 5
EVIDENCE OF INFILTRATION Y/N N
GROUNDWATER LEVEL ft (above invert)
DEFECTS/LEAKAGE POINTS: (Note hole/crack size if any, length/width)
COVER: Y/N N Est. I/I JOINTS: Y/N N Est. I/I
FRAME: Y/N N Est. I/I INVERTS: Y/N N Est. I/I
WALLS: Y/N N Est. I/I TABLES: Y/N N Est. I/I
TOTAL ESTIMATED I/I (GPM): 5 gpm 2 holes in wall



Overall MH Condition
Rating (1-5)

4

CORROSION PROBLEMS? Y/N

COMMENTS (REQUIRED):

invert / table damaged from leak

WRIGHT-PIERCE

MANHOLE INSPECTION REPORT

Project Name: Trumbull 9/19
Subsystem Name/No. 5

Manhole ID No. 5-323

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

Note: See Reverse Side of Form for Standard Photos Required

PROJECT LOCATION: Trumbull, CT

DATE: 8/31/2011

WEATHER: sunny

TIME: 8:50am

PROJECT NO.: 12051 D

INSPECTOR: mmjdm

LOCATION DATA:

STREET: Whippleville Road (Address # & Street or Closest Intersection)

BURIED: Yes/No No

PAVED AREA: Yes/No No

SHEETING: Yes/No No

PONDING: Yes/No No Depth in.

MANHOLE DATA:

COVER CONDITION:

(Circle One) 1 2 3 4 5

COVER TYPE:

None Solid Vented/Slotted

Concealed Pick Holes Bolted Locked

Gasketed-Yes/No (to prevent inflow) No

Inner Cover-Yes/No (not inflow dish) No

COVER DIAMETER:

18" 24" 30" 26"

NO. OF COVER HOLES:

SIZE OF COVER HOLES:

AT/ABOVE/BELOW GRADE? in.

SURCHARGED AT INSPECTION? Y/N N Height in.

EVIDENCE OF SURCHARGE? Y/N N Height in.

CONDITION OF RIM: (Circle One) 1 2 3 4 5

FRAME CONDITION: (Circle One) 1 2 3 4 5

RISER CONDITION: (Circle One) 1 2 3 4 5

EVIDENCE OF INFLOW? Y/N N

RISERS ARE: BRICK BLOCK PRECAST

MANHOLE DIAMETER 2FT 3FT 4FT OTHER:

MANHOLE IS: BRICK BLOCK PRECAST OTHER:

DEPTH OF MANHOLE: 9.6' FT (Rim to Invert)

EVIDENCE OF INFLOW Y/N N

CONDITION OF WALLS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N N

CONDITION OF STEPS: (Circle One) 1 2 3 4 5

NUMBER OF SECTIONS: 2 3 4

CONDITION OF INVERTS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N N

CONDITION OF TABLE: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N N

GROUNDWATER LEVEL ft (above invert)

DEFECTS/LEAKAGE POINTS: (Note hole/crack size if any, length/width)

COVER: Y/N N Est. I/I JOINTS: Y/N N Est. I/I

FRAME: Y/N N Est. I/I INVERTS: Y/N N Est. I/I 1-2

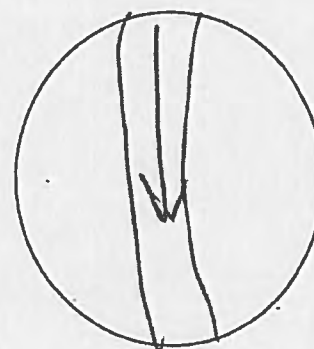
WALLS: Y/N N Est. I/I 1-2 TABLES: Y/N N Est. I/I

TOTAL ESTIMATED I/I (GPM): 2-3 9pm

CORROSION PROBLEMS? YN rusty frame

COMMENTS (REQUIRED):

minor hole in wall and invert



PLAN



SECTION

Overall MH Condition
Rating (1-5)

3

WRIGHT-PIERCE
MANHOLE INSPECTION REPORT

Project Name: _____
Subsystem Name/No. 5

Manhole ID No. 5-241

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

*Note: See Reverse Side of Form
for Standard Photos Required*

PROJECT LOCATION:

DATE: 9/14/2011

WEATHER: Sunny

TIME: 10:46AM

PROJECT NO.: 12051 D

INSPECTOR: JDM/MG

LOCATION DATA:

STREET

Raynor Ave.

(Address # & Street or Closest Intersection)

BURIED: Yes/No

PAVED AREA: Yes/No

SHEETING: Yes/No

PONDING: Yes/No

Depth in.

DRAINAGE AREA: _____ Sq.ft.

MANHOLE DATA:

COVER CONDITION:

COVER TYPE:

(Circle One) 1 (2) 3 4 5
None Solid Vented/Slotted
Concealed Pick Holes Bolted Locked
Gasketed-Yes/No No (to prevent inflow)
Inner Cover-Yes/No No (not inflow dish)
18" 24" 26" 30"

COVER DIAMETER:

NO. OF COVER HOLES:

SIZE OF COVER HOLES:

AT/ABOVE/BELOW GRADE?

in.

SURCHARGED AT INSPECTION? Y/N

Height in.

EVIDENCE OF SURCHARGE? Y/N

Height in.

CONDITION OF RIM:

(Circle One) 1 2 (3) 4 5

FRAME CONDITION:

(Circle One) 1 2 (3) 4 5

RISER CONDITION:

(Circle One) 1 (2) 3 4 5

EVIDENCE OF INFLOW? Y/N

RISERS ARE:

BRICK

BLOCK

PRECAST

MANHOLE DIAMETER

2FT

3FT

4FT

OTHER: _____

MANHOLE IS: BRICK

BLOCK

PRECAST

OTHER: _____

DEPTH OF MANHOLE:

8-1'

FT (Rim to Invert)

EVIDENCE OF INFLOW

Y/N

CONDITION OF WALLS:

(Circle One) 1 (2) 3 4 5

EVIDENCE OF INFILTRATION

Y/N

CONDITION OF STEPS:

(Circle One) 1 (2) 3 4 5

NUMBER OF SECTIONS:

(2)

3 4

CONDITION OF INVERTS:

(Circle One) 1 (2) 3 4 5

EVIDENCE OF INFILTRATION

Y/N

CONDITION OF TABLE:

(Circle One) 1 (2) 3 4 5

EVIDENCE OF INFILTRATION

Y/N

GROUNDWATER LEVEL

 ft (above invert)

DEFECTS/LEAKAGE POINTS:

(Note hole/crack size if any, length/width)

COVER: Y/N

Est. I/I

JOINTS: Y/N

Est. I/I 7 gpm

FRAME: Y/N

Est. I/I

INVERTS: Y/N

Est. I/I

WALLS: Y/N

Est. I/I

TABLES: Y/N

Est. I/I

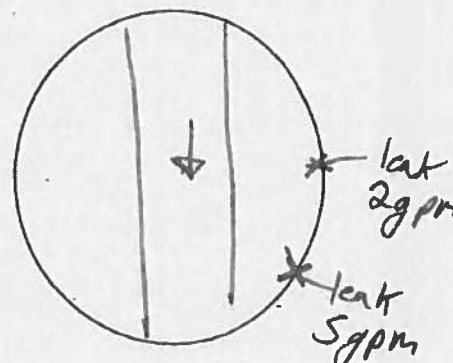
TOTAL ESTIMATED I/I (GPM): _____

CORROSION PROBLEMS? Y/N

COMMENTS (REQUIRED):

* 2 leaks @ 2.5 gpm *

SECTION



PLAN



Overall MH Condition
Rating (1-5)

3

**WRIGHT-PIERCE
MANHOLE INSPECTION REPORT**

Project Name: _____
Subsystem Name/No. 5

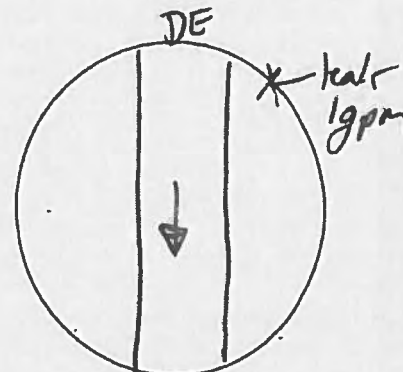
Manhole ID No. 5-241A

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

*Note: See Reverse Side of Form
for Standard Photos Required*

PROJECT LOCATION: Tumbull, CT PROJECT NO.: 12051D
DATE: 9/14/2011 WEATHER: sunny TIME: 10:56AM INSPECTOR: JDM/NLO
LOCATION DATA:
STREET: Raynor Ave (Address # & Street or Closest Intersection)
BURIED: Yes/No No PAVED AREA: Yes/No No SHEETING: Yes/No No PONDING: Yes/No No Depth in.
DRAINAGE AREA: Sq.ft.
MANHOLE DATA:
COVER CONDITION: (Circle One) 1 2 3 4 5
COVER TYPE: None Solid Vented/Slotted
Concealed Pick Holes Bolted Locked
Gasketed-Yes/No No (to prevent inflow)
Inner Cover-Yes/No No (not inflow dish)
18" 24" 26" 30"



PLAN

COVER DIAMETER: _____
NO. OF COVER HOLES: _____
SIZE OF COVER HOLES: _____
1 ABOVE/BELOW GRADE? _____ in.
SURCHARGED AT INSPECTION? Y/N N Height _____ in.
EVIDENCE OF SURCHARGE? Y/N N Height _____ in.
CONDITION OF RIM: (Circle One) 1 2 3 4 5
FRAME CONDITION: (Circle One) 1 2 3 4 5
RISER CONDITION: (Circle One) 1 2 3 4 5
EVIDENCE OF INFLOW? Y/N N
RISERS ARE: BRICK BLOCK PRECAST
MANHOLE DIAMETER 2FT 3FT 4FT OTHER: _____

MANHOLE IS: BRICK BLOCK PRECAST OTHER: _____
DEPTH OF MANHOLE: 7'-9" FT (Rim to Invert)
EVIDENCE OF INFLOW Y/N N
CONDITION OF WALLS: (Circle One) 1 2 3 4 5
EVIDENCE OF INFILTRATION Y/N N
CONDITION OF STEPS: (Circle One) 1 2 3 4 5
NUMBER OF SECTIONS: 2 3 4

CONDITION OF INVERTS: (Circle One) 1 2 3 4 5
EVIDENCE OF INFILTRATION Y/N N
CONDITION OF TABLE: (Circle One) 1 2 3 4 5
EVIDENCE OF INFILTRATION Y/N N
GROUNDWATER LEVEL _____ ft (above invert)

DEFECTS/LEAKAGE POINTS: (Note hole/crack size if any, length/width)

COVER: Y/N N Est. I/I _____ JOINTS: Y/N N Est. I/I _____
FRAME: Y/N N Est. I/I _____ INVERTS: Y/N N Est. I/I _____
WALLS: Y/N N Est. I/I _____ TABLES: Y/N N Est. I/I 1gpm

TOTAL ESTIMATED I/I (GPM): _____

CORROSION PROBLEMS? Y/N N

COMMENTS (REQUIRED): 1 leak @ 1gpm above table SECTION



Overall MH Condition
Rating (1-5)

2

**WRIGHT-PIERCE
MANHOLE INSPECTION REPORT**

Project Name: _____
Subsystem Name/No. 5

Manhole ID No. 5-138

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

*Note: See Reverse Side of Form
for Standard Photos Required*

PROJECT LOCATION: Trombly, CT PROJECT NO.: 12051D
DATE: 8/1/11 WEATHER: SUNNY TIME: _____ INSPECTOR: JAN/CRL

LOCATION DATA:
STREET: Route 20, Ruth St (Address # & Street or Closest Intersection)
BURIED: Yes/No Yes/No PAVED AREA: Yes/No Yes/No SHEETING: Yes/No PONDING: Yes/No Depth in.
DRAINAGE AREA: _____ Sq. ft.

MANHOLE DATA:

COVER CONDITION: (Circle One) 1 2 3 4 5
COVER TYPE: None Solid Vented/Slotted
Concealed Pick Holes Bolted Locked
Gasketed-Yes/No (to prevent inflow)
Inner Cover-Yes/No (not inflow dish)

COVER DIAMETER: 18" 24" 26" 30"
NO. OF COVER HOLES: 0
SIZE OF COVER HOLES: _____
AT/ABOVE/BELOW GRADE? _____ in.

SURCHARGED AT INSPECTION? Y/N Height _____ in.
EVIDENCE OF SURCHARGE? Y/N Height _____ in.

CONDITION OF RIM: (Circle One) 1 2 3 4 5
FRAME CONDITION: (Circle One) 1 2 3 4 5

RISER CONDITION: (Circle One) 1 2 3 4 5

EVIDENCE OF INFLOW? Y/N

RISERS ARE: BRICK BLOCK PRECAST

MANHOLE DIAMETER 2FT 3FT 4FT OTHER: _____

MANHOLE IS: BRICK BLOCK PRECAST OTHER: _____

DEPTH OF MANHOLE: 10.08 FT (Rim to Invert)

EVIDENCE OF INFLOW Y/N
CONDITION OF WALLS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N

CONDITION OF STEPS: (Circle One) 1 2 3 4 5

NUMBER OF SECTIONS: 3 3 4

CONDITION OF INVERTS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N

CONDITION OF TABLE: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N

GROUNDWATER LEVEL _____ ft (above invert)

DEFECTS/LEAKAGE POINTS: (Note hole/crack size if any, length/width)

COVER: Y/N Y/N Est. I/I _____ JOINTS: Y/N Y/N Est. I/I _____

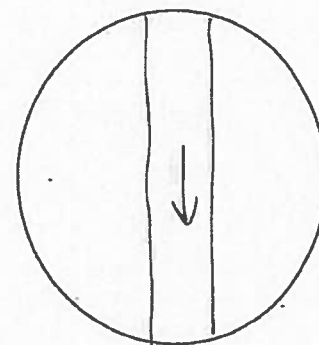
FRAME: Y/N Y/N Est. I/I _____ INVERTS: Y/N Y/N Est. I/I _____

WALLS: Y/N Y/N Est. I/I _____ TABLES: Y/N Y/N Est. I/I _____

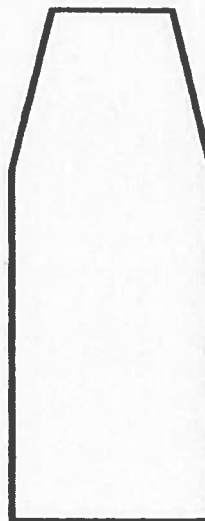
TOTAL ESTIMATED I/I (GPM): _____

CORROSION PROBLEMS? Y/N Y/N

COMMENTS (REQUIRED): _____



PLAN



SECTION

Overall MH Condition
Rating (1-5)

2

WRIGHT-PIERCE
MANHOLE INSPECTION REPORT

Project Name: _____
Subsystem Name/No. 5

Manhole ID No. 5-138

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

*Note: See Reverse Side of Form
for Standard Photos Required*

PROJECT LOCATION: Trumbull, CT PROJECT NO.: 12051D
DATE: 12/29/11 WEATHER: Sunny TIME: 9:45 AM INSPECTOR: JDM/NLO

LOCATION DATA:

STREET Ruth Street (Address # & Street or Closest Intersection)
BURIED: Yes/No No PAVED AREA: Yes/No No SHEETING: Yes/No No PONDING: Yes/No No Depth in.
DRAINAGE AREA: Sq.ft.

MANHOLE DATA:

COVER CONDITION: (Circle One) 1 2 3 4 5
COVER TYPE: None Solid Vented/Slotted
Concealed Pick Holes Bolted Locked
Gasketed-Yes/No No (to prevent inflow)
Inner Cover-Yes/No No (not inflow dish)
18" 24" 26" 30"

COVER DIAMETER:

NO. OF COVER HOLES:

SIZE OF COVER HOLES:

AT/ABOVE/BELOW GRADE? in.

SURCHARGED AT INSPECTION? Y/N N Height in.

EVIDENCE OF SURCHARGE? Y/N N Height in.

CONDITION OF RIM: (Circle One) 1 2 3 4 5

FRAME CONDITION: (Circle One) 1 2 3 4 5

RISER CONDITION: (Circle One) 1 2 3 4 5

EVIDENCE OF INFLOW? Y/N N

RISERS ARE: BRICK BLOCK PRECAST

MANHOLE DIAMETER 2FT 3FT 4FT OTHER:

MANHOLE IS: BRICK BLOCK PRECAST OTHER:

DEPTH OF MANHOLE: 10'-2" FT (Rim to Invert)

EVIDENCE OF INFLOW Y/N N

CONDITION OF WALLS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N N

CONDITION OF STEPS: (Circle One) 1 2 3 4 5

NUMBER OF SECTIONS: 2 3 4

CONDITION OF INVERTS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N N

CONDITION OF TABLE: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N N

GROUNDWATER LEVEL ft (above invert)

DEFECTS/LEAKAGE POINTS: (Note hole/crack size if any, length/width)

COVER: Y/N N Est. I/I JOINTS: Y/N N Est. I/I

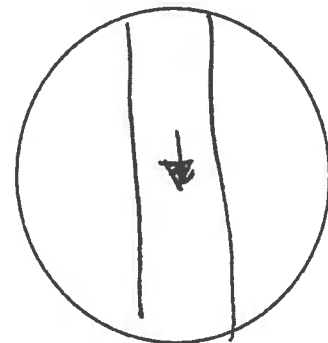
FRAME: Y/N N Est. I/I INVERTS: Y/N N Est. I/I

WALLS: Y/N N Est. I/I 1-26" TABLES: Y/N N Est. I/I

TOTAL ESTIMATED I/I (GPM): 1-2 GPM

CORROSION PROBLEMS? Y/N N

COMMENTS (REQUIRED): Wall is saturated & leaking slightly (1-26") SECTION



PLAN



Overall MH Condition
Rating (1-5)

WRIGHT-PIERCE
MANHOLE INSPECTION REPORT

Project Name: _____
Subsystem Name/No. 5

Manhole ID No. 5-37

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

*Note: See Reverse Side of Form
for Standard Photos Required*

PROJECT LOCATION: Trumbull, CT PROJECT NO.: 120510
DATE: 7/25/11 WEATHER: CLOUDY TIME: _____ INSPECTOR: JDM

LOCATION DATA: Sunnycrest Rd. ROW
STREET: Reservoir Interchange (Address # & Street or Closest Intersection)
BURIED: Yes/No PAVED AREA: Yes/No SHEETING: Yes/No PONDING: Yes/No Depth in.
DRAINAGE AREA: _____ Sq.ft.

MANHOLE DATA:

COVER CONDITION: (Circle One) 1 2 3 4 5
COVER TYPE: None Solid Vented/Slotted
Concealed Pick Holes Bolted Locked
Gasketed-Yes/No (to prevent inflow)
Inner Cover-Yes/No (not inflow dish)
18" 24" 26" 30"

COVER DIAMETER: _____
NO. OF COVER HOLES: 0
SIZE OF COVER HOLES: _____
AT/ABOVE/BELOW GRADE? _____ in.

SURCHARGED AT INSPECTION? Y/N Height _____ in.
EVIDENCE OF SURCHARGE? Y/N Height _____ in.
CONDITION OF RIM: (Circle One) 1 2 3 4 5
FRAME CONDITION: (Circle One) 1 2 3 4 5

RISER CONDITION: (Circle One) 1 2 3 4 5

EVIDENCE OF INFLOW? Y/N
RISERS ARE: BRICK BLOCK PRECAST

MANHOLE DIAMETER 2FT 3FT 4FT OTHER: _____

MANHOLE IS: BRICK BLOCK PRECAST OTHER: _____
DEPTH OF MANHOLE: 8.92 FT (Rim to Invert)

EVIDENCE OF INFLOW Y/N
CONDITION OF WALLS: (Circle One) 1 2 3 4 5
EVIDENCE OF INFILTRATION Y/N
CONDITION OF STEPS: (Circle One) 1 2 3 4 5
NUMBER OF SECTIONS: 2 3 4

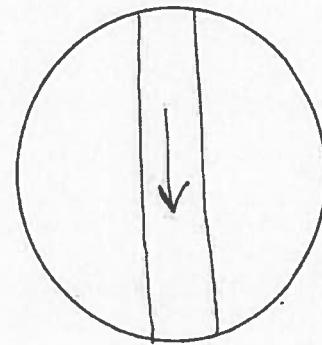
CONDITION OF INVERTS: (Circle One) 1 2 3 4 5
EVIDENCE OF INFILTRATION Y/N
CONDITION OF TABLE: (Circle One) 1 2 3 4 5
EVIDENCE OF INFILTRATION Y/N
GROUNDWATER LEVEL _____ ft (above invert)
DEFECTS/LEAKAGE POINTS: (Note hole/crack size if any, length/width)

COVER: Y/N Est. I/I _____ JOINTS: Y/N Est. I/I _____
FRAME: Y/N Est. I/I _____ INVERTS: Y/N Est. I/I _____
WALLS: Y/N Est. I/I _____ TABLES: Y/N Est. I/I _____

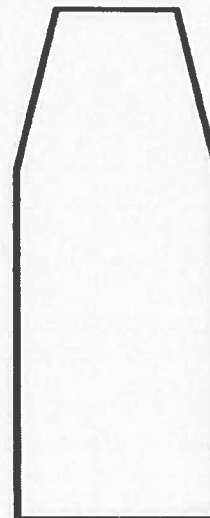
TOTAL ESTIMATED I/I (GPM): _____

CORROSION PROBLEMS? Y/N

COMMENTS (REQUIRED): _____



PLAN



Overall MH Condition
Rating (1-5)



SECTION

WRIGHT-PIERCE
MANHOLE INSPECTION REPORT

Project Name: _____
Subsystem Name/No. 5

Manhole ID No. 5-39

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

*Note: See Reverse Side of Form
for Standard Photos Required*

PROJECT LOCATION: Trumbull, CT PROJECT NO.: 120510
DATE: 7/25/11 WEATHER: Cloudy TIME: _____ INSPECTOR: JAM

LOCATION DATA: Sunycrest Rd ROW
STREET: Reservoir Interceptor (Address # & Street or Closest Intersection)
BURIED: Yes/No No PAVED AREA: Yes/No No SHEETING: Yes/No _____ PONDING: Yes/No _____ Depth _____ in.

DRAINAGE AREA: _____ Sq.ft.

MANHOLE DATA:

COVER CONDITION: (Circle One) 1 2 3 4 5
COVER TYPE: None Solid Vented/Slotted
Concealed Pick Holes Bolted Locked
Gasketed-Yes/No (to prevent inflow)
Inner Cover-Yes/No (not inflow dish)

COVER DIAMETER: 18" 24" 26" 30"
NO. OF COVER HOLES: 0
SIZE OF COVER HOLES: _____
AT/ABOVE/BELOW GRADE? _____ in.

SURCHARGED AT INSPECTION? Y/N _____ Height _____ in.

EVIDENCE OF SURCHARGE? Y/N _____ Height _____ in.

CONDITION OF RIM: (Circle One) 1 2 3 4 5

FRAME CONDITION: (Circle One) 1 2 3 4 5

RISER CONDITION: (Circle One) 1 2 3 4 5

EVIDENCE OF INFLOW? Y/N _____

RISERS ARE: BRICK BLOCK PRECAST

MANHOLE DIAMETER 2FT 3FT 4FT OTHER: _____

MANHOLE IS: BRICK BLOCK PRECAST OTHER: _____

DEPTH OF MANHOLE: 11 FT (Rim to Invert)

EVIDENCE OF INFLOW Y/N _____

CONDITION OF WALLS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N _____

CONDITION OF STEPS: (Circle One) 1 2 3 4 5

NUMBER OF SECTIONS: 2 3 4

CONDITION OF INVERTS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N _____

CONDITION OF TABLE: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N _____

GROUNDWATER LEVEL _____ ft (above invert)

DEFECTS/LEAKAGE POINTS: (Note hole/crack size if any, length/width)

COVER: Y/N N Est. I/I _____ JOINTS: Y/N N Est. I/I _____

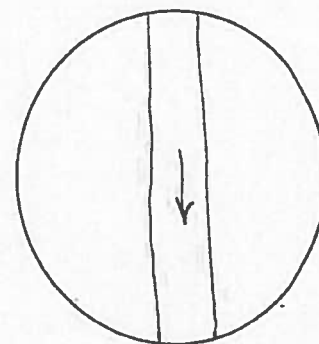
FRAME: Y/N N Est. I/I _____ INVERTS: Y/N N Est. I/I _____

WALLS: Y/N N Est. I/I _____ TABLES: Y/N N Est. I/I _____

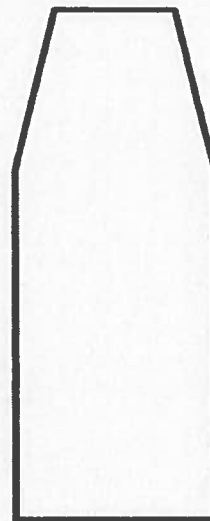
TOTAL ESTIMATED I/I (GPM): _____

CORROSION PROBLEMS? Y/N _____

COMMENTS (REQUIRED): _____



PLAN



Overall MH Condition
Rating (1-5)

3

SECTION

**WRIGHT-PIERCE
MANHOLE INSPECTION REPORT**

Project Name: _____
Subsystem Name/No. 5

Manhole ID No. 5-121

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

*Note: See Reverse Side of Form
for Standard Photos Required*

PROJECT LOCATION: TRUMBULL CT PROJECT NO.: 120510
DATE: 8/1/11 WEATHER: LT RAIN TIME: _____ INSPECTOR: JAN/CAL

LOCATION DATA:

STREET: THORBURN AVE. (Address # & Street or Closest Intersection)
BURIED: Yes/No NO PAVED AREA: Yes/No NO SHEETING: Yes/No _____ PONDING: Yes/No _____ Depth in.
DRAINAGE AREA: _____ Sq.ft.

MANHOLE DATA:

COVER CONDITION: (Circle One) 1 2 3 4 5
COVER TYPE: None SOLID Vented/Slotted
Concealed Pick Holes Bolted Locked
Gasketed-Yes/No (to prevent inflow) NO
Inner Cover-Yes/No (not inflow dish) NO

COVER DIAMETER: 18" 24" 26" 30"

NO. OF COVER HOLES: 0

SIZE OF COVER HOLES: -

AT/ABOVE/BELOW GRADE? _____ in.

SURCHARGED AT INSPECTION? Y/N _____ Height _____ in.

EVIDENCE OF SURCHARGE? Y/N _____ Height _____ in.

CONDITION OF RIM: (Circle One) 1 2 3 4 5

FRAME CONDITION: (Circle One) 1 2 3 4 5

RISER CONDITION: (Circle One) 1 2 3 4 5

EVIDENCE OF INFLOW? Y/N _____

RISERS ARE: BRICK BLOCK PRECAST

MANHOLE DIAMETER 2FT 3FT 4FT OTHER: _____

MANHOLE IS: BRICK BLOCK PRECAST OTHER: _____

DEPTH OF MANHOLE: 7.58 FT (Rim to Invert)

EVIDENCE OF INFLOW Y/N _____

CONDITION OF WALLS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N _____

CONDITION OF STEPS: (Circle One) 1 2 3 4 5

NUMBER OF SECTIONS: 2 3 4

CONDITION OF INVERTS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N _____

CONDITION OF TABLE: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N _____

GROUNDWATER LEVEL _____ ft (above invert)

DEFECTS/LEAKAGE POINTS: (Note hole/crack size if any, length/width)

COVER: Y/N Y Est. I/I _____ JOINTS: Y/N Y Est. I/I _____

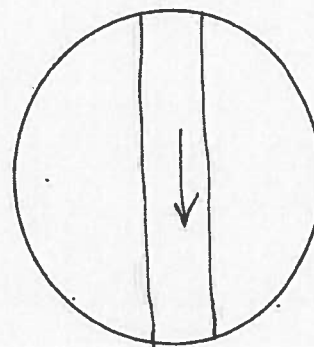
FRAME: Y/N Y Est. I/I _____ INVERTS: Y/N Y Est. I/I _____

WALLS: Y/N Y Est. I/I _____ TABLES: Y/N Y Est. I/I _____

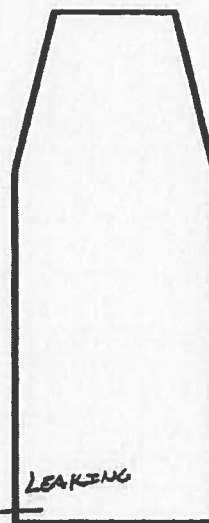
TOTAL ESTIMATED I/I (GPM): 3-5

CORROSION PROBLEMS? Y/N _____

COMMENTS (REQUIRED): _____



PLAN



Overall MH Condition
Rating (1-5)

3

SECTION

WRIGHT-PIERCE
MANHOLE INSPECTION REPORT

Project Name: _____
Subsystem Name/No. 5

Manhole ID No. 5-123

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

*Note: See Reverse Side of Form
for Standard Photos Required*

PROJECT LOCATION: TRUMBULL CT PROJECT NO.: 12051D
DATE: 8/1/11 WEATHER: Rain TIME: _____ INSPECTOR: Jan/BL

LOCATION DATA:

STREET THORNTON AVE. (Address # & Street or Closest Intersection)
BURIED: Yes/No Yes/No PAVED AREA: Yes/No SHEETING: Yes/No PONDING: Yes/No Depth in.
DRAINAGE AREA: _____ Sq.ft.

MANHOLE DATA:

COVER CONDITION: (Circle One) 1 2 3 4 5
COVER TYPE: None Solid Vented/Slotted
Concealed Pick Holes Bolted Locked
Gasketed-Yes/No (to prevent inflow)
Inner Cover-Yes/No (not inflow dish)

COVER DIAMETER: _____
NO. OF COVER HOLES: 0
SIZE OF COVER HOLES: _____
AT/ABOVE/BELOW GRADE? _____ in.

SURCHARGED AT INSPECTION? Y/N Height _____ in.
EVIDENCE OF SURCHARGE? Y/N Height _____ in.
CONDITION OF RIM: (Circle One) 1 2 3 4 5
FRAME CONDITION: (Circle One) 1 2 3 4 5

RISER CONDITION: (Circle One) 1 2 3 4 5

EVIDENCE OF INFLOW? Y/N

RISERS ARE: BRICK BLOCK PRECAST

MANHOLE DIAMETER 2FT 3FT 4FT OTHER: _____

MANHOLE IS: BRICK BLOCK PRECAST OTHER: _____

DEPTH OF MANHOLE: 9.08 FT (Rim to Invert)

EVIDENCE OF INFLOW Y/N
CONDITION OF WALLS: (Circle One) 1 2 3 4 5
EVIDENCE OF INFILTRATION Y/N
CONDITION OF STEPS: (Circle One) 1 2 3 4 5
NUMBER OF SECTIONS: 2 3 4

CONDITION OF INVERTS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N

CONDITION OF TABLE: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N

GROUNDWATER LEVEL _____ ft (above invert)

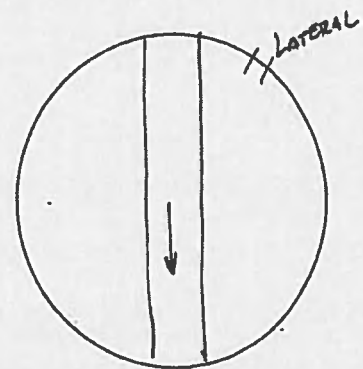
DEFECTS/LEAKAGE POINTS: (Note hole/crack size if any, length/width)

COVER: Y/N Est. I/I _____ JOINTS: Y/N Est. I/I _____
FRAME: Y/N Est. I/I _____ INVERTS: Y/N Est. I/I _____
WALLS: Y/N Est. I/I _____ TABLES: Y/N Est. I/I _____

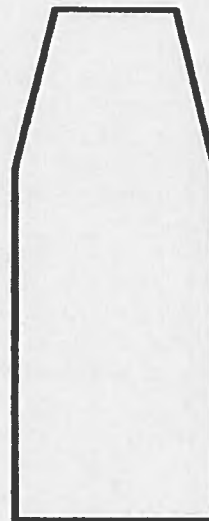
TOTAL ESTIMATED I/I (GPM): 1-2

CORROSION PROBLEMS? Y/N

COMMENTS (REQUIRED): _____ **SECTION**



PLAN



Overall MH Condition
Rating (1-5)

3

**WRIGHT-PIERCE
MANHOLE INSPECTION REPORT**

Project Name: _____
Subsystem Name/No. 5

Manhole ID No. 5-117

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

*Note: See Reverse Side of Form
for Standard Photos Required*

PROJECT LOCATION: TRUMBULL CT PROJECT NO.: 120510
DATE: 8/1/11 WEATHER: LT RAIN TIME: _____ INSPECTOR: JAM/ERL

LOCATION DATA:
STREET: WHALEY RD. (Address # & Street or Closest Intersection)
BURIED: Yes/No NO PAVED AREA: Yes/No NO SHEETING: Yes/No _____ PONDING: Yes/No _____ Depth in.
DRAINAGE AREA: _____ Sq.ft.

MANHOLE DATA:

COVER CONDITION: (Circle One) 1 2 3 4 5
COVER TYPE: None Solid Vented/Slotted
Concealed Pick Holes Bolted Locked
Gasketed-Yes/No (to prevent inflow)
Inner Cover-Yes/No (not inflow dish)

COVER DIAMETER: 18" 24" 26" 30"
NO. OF COVER HOLES: 0

SIZE OF COVER HOLES: _____

AT/ABOVE/BELOW GRADE? _____ in.

SURCHARGED AT INSPECTION? Y/N _____ Height _____ in.

EVIDENCE OF SURCHARGE? Y/N _____ Height _____ in.

CONDITION OF RIM: (Circle One) 1 2 3 4 5

FRAME CONDITION: (Circle One) 1 2 3 4 5

RISER CONDITION: (Circle One) 1 2 3 4 5

EVIDENCE OF INFLOW? Y/N _____

RISERS ARE: BRICK BLOCK PRECAST

MANHOLE DIAMETER 2FT 3FT 4FT OTHER: _____

MANHOLE IS: BRICK BLOCK PRECAST OTHER: _____

DEPTH OF MANHOLE: 7.67 FT (Rim to Invert)

EVIDENCE OF INFLOW Y/N _____

CONDITION OF WALLS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N _____

CONDITION OF STEPS: (Circle One) 1 2 3 4 5

NUMBER OF SECTIONS: 2 3 4

CONDITION OF INVERTS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N _____

CONDITION OF TABLE: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N _____

GROUNDWATER LEVEL _____ ft (above invert)

DEFECTS/LEAKAGE POINTS: (Note hole/crack size if any, length/width)

COVER: Y/N NO Est. I/I _____ JOINTS: Y/N NO Est. I/I _____

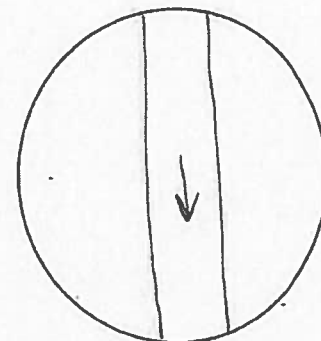
FRAME: Y/N NO Est. I/I _____ INVERTS: Y/N NO Est. I/I _____

WALLS: Y/N NO Est. I/I _____ TABLES: Y/N NO Est. I/I _____

TOTAL ESTIMATED I/I (GPM): _____

CORROSION PROBLEMS? Y/N NO

COMMENTS (REQUIRED): INVERT WAS CLOSED



PLAN



SECTION

Overall MH Condition
Rating (1-5)

2

WRIGHT-PIERCE
MANHOLE INSPECTION REPORT

Project Name: _____
Subsystem Name/No. 5

Manhole ID No. 5-54

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

*Note: See Reverse Side of Form
for Standard Photos Required*

PROJECT LOCATION: Trumbull, CT PROJECT NO.: 12051D
DATE: 7/26/11 WEATHER: Cloudy TIME: 9:40AM INSPECTOR: JOM

LOCATION DATA:

STREET WILKINS RD (Address # & Street or Closest Intersection)

BURIED: Yes/No No PAVED AREA: Yes/No SHEETING: Yes/No PONDING: Yes/No Depth in.

DRAINAGE AREA: Sq.ft.

MANHOLE DATA:

COVER CONDITION: (Circle One) 1 2 3 4 5
COVER TYPE: None Solid Vented/Slotted
Concealed Pick Holes Bolted Locked
Gasketed-Yes/No (to prevent inflow)
Inner Cover-Yes/No (not inflow dish)

COVER DIAMETER: 18" 24" 26" 30"

NO. OF COVER HOLES: 0

SIZE OF COVER HOLES:

AT/ABOVE/BELOW GRADE? in.

SURCHARGED AT INSPECTION? Y/N Height in.

EVIDENCE OF SURCHARGE? Y/N Height in.

CONDITION OF RIM: (Circle One) 1 2 3 4 5

FRAME CONDITION: (Circle One) 1 2 3 4 5

RISER CONDITION: (Circle One) 1 2 3 4 5

EVIDENCE OF INFLOW? Y/N

RISERS ARE: BRICK BLOCK PRECAST

MANHOLE DIAMETER 2FT 3FT 4FT OTHER:

MANHOLE IS: BRICK BLOCK PRECAST OTHER:

DEPTH OF MANHOLE: 16.42 FT (Rim to Invert)

EVIDENCE OF INFLOW Y/N

CONDITION OF WALLS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N

CONDITION OF STEPS: (Circle One) 1 2 3 4 5

NUMBER OF SECTIONS: 2 3 4

CONDITION OF INVERTS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N

CONDITION OF TABLE: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N

GROUNDWATER LEVEL ft (above invert)

DEFECTS/LEAKAGE POINTS: (Note hole/crack size if any, length/width)

COVER: Y/N Est. I/I JOINTS: Y/N Est. I/I

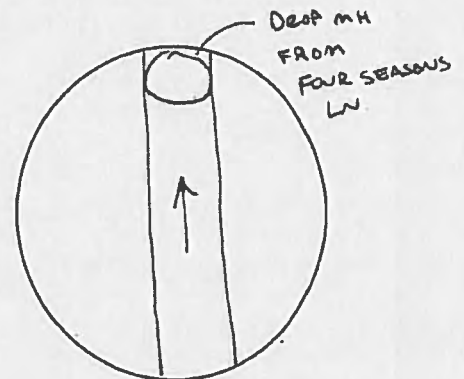
FRAME: Y/N Est. I/I INVERTS: Y/N Est. I/I

WALLS: Y/N Est. I/I TABLES: Y/N Est. I/I

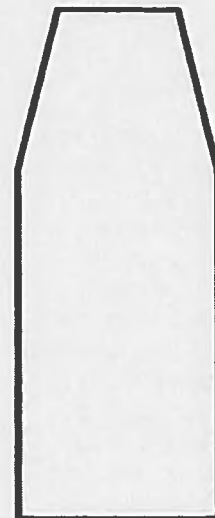
TOTAL ESTIMATED I/I (GPM): 5-10

CORROSION PROBLEMS? Y/N

COMMENTS (REQUIRED): LEAKING AT TABLE CONNECTING TO THE WALL. EVIDENCE OF LEAKAGE AT RISER. SECTION



PLAN



Overall MH Condition
Rating (1-5)

3

WRIGHT-PIERCE
MANHOLE INSPECTION REPORT

Project Name: _____
Subsystem Name/No. 5

Manhole ID No. 5-150

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

*Note: See Reverse Side of Form
for Standard Photos Required*

PROJECT LOCATION:

DATE: 8/31/2011

WEATHER: Sunny

TIME: 2:47 PM

PROJECT NO.: 120510

INSPECTOR: ERL/NLO

LOCATION DATA:

STREET

Woobley Ave.

(Address # & Street or Closest Intersection)

BURIED: Yes/No No

PAVED AREA: Yes/No No

SHEETING: Yes/No No

PONDING: Yes/No No

Depth in.

DRAINAGE AREA: Sq.ft.

MANHOLE DATA:

COVER CONDITION:

COVER TYPE:

(Circle One) 1 2 3 4 5
None Solid Vented/Slotted
Concealed Pick Holes Bolted Locked
Gasketed-Yes/No (to prevent inflow) No
Inner Cover-Yes/No (not inflow dish) No

COVER DIAMETER:

NO. OF COVER HOLES:

SIZE OF COVER HOLES:

AT/ABOVE/BELOW GRADE?

SURCHARGED AT INSPECTION? Y/N N

EVIDENCE OF SURCHARGE? Y/N N

CONDITION OF RIM:

FRAME CONDITION:

RISER CONDITION:

EVIDENCE OF INFLOW?

RISERS ARE:

MANHOLE DIAMETER

2FT

3FT

4FT

OTHER:

MANHOLE IS: BRICK

BLOCK

PRECAST

OTHER:

DEPTH OF MANHOLE:

11.33

FT (Rim to Invert)

EVIDENCE OF INFLOW

CONDITION OF WALLS:

EVIDENCE OF INFILTRATION

CONDITION OF STEPS:

NUMBER OF SECTIONS:

CONDITION OF INVERTS:

EVIDENCE OF INFILTRATION

CONDITION OF TABLE:

EVIDENCE OF INFILTRATION

GROUNDWATER LEVEL

DEFECTS/LEAKAGE POINTS:

(Note hole/crack size if any, length/width)

COVER: Y/N N

Est. I/I

JOINTS: Y/N N

Est. I/I

FRAME: Y/N N

Est. I/I 0-1 gpm

INVERTS: Y/N N

Est. I/I

WALLS: Y/N N

Est. I/I

TABLES: Y/N N

Est. I/I

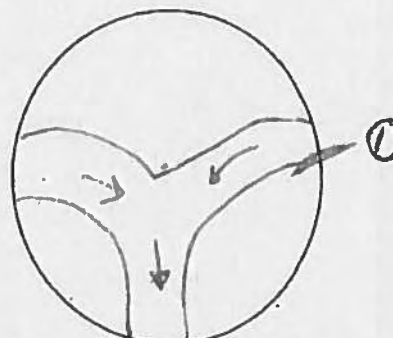
TOTAL ESTIMATED I/I (GPM):

2-4 gpm

CORROSION PROBLEMS?

Y/N N

COMMENTS (REQUIRED):



PLAN



SECTION

Overall MH Condition
Rating (1-5)

3

WRIGHT-PIERCE
MANHOLE INSPECTION REPORT

Project Name: _____
Subsystem Name/No. 5

Manhole ID No. 5-153

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

*Note: See Reverse Side of Form
for Standard Photos Required*

PROJECT LOCATION: TRUMBULL CT PROJECT NO.: 120510
DATE: 8/1/11 WEATHER: SUNNY TIME: _____ INSPECTOR: JAN/ZAL

LOCATION DATA:

STREET WOOLSEY AVE. (Address # & Street or Closest Intersection)
BURIED: Yes/No PAVED AREA: Yes/No SHEETING: Yes/No PONDING: Yes/No Depth in.
DRAINAGE AREA: _____ Sq.ft.

MANHOLE DATA:

COVER CONDITION: (Circle One) 1 2 3 4 5
COVER TYPE: None Solid Vented/Slotted
Concealed Pick Holes Bolted Locked
Gasketed-Yes/No (to prevent inflow)
Inner Cover-Yes/No (not inflow dish)
18" 24" 26" x 30"

COVER DIAMETER: _____
NO. OF COVER HOLES: _____
SIZE OF COVER HOLES: _____
AT/ABOVE/BELOW GRADE? _____ in.

SURCHARGED AT INSPECTION? Y/N Height in.
EVIDENCE OF SURCHARGE? Y/N Height in.
CONDITION OF RIM: (Circle One) 1 2 3 4 5
FRAME CONDITION: (Circle One) 1 2 3 4 5

RISER CONDITION: (Circle One) 1 2 3 4 5

EVIDENCE OF INFLOW? Y/N

RISERS ARE: BRICK BLOCK PRECAST

MANHOLE DIAMETER 2FT 3FT 4FT OTHER: _____

MANHOLE IS: BRICK BLOCK PRECAST OTHER: _____
DEPTH OF MANHOLE: 11.58 FT (Rim to Invert)

EVIDENCE OF INFLOW Y/N
CONDITION OF WALLS: (Circle One) 1 2 3 4 5
EVIDENCE OF INFILTRATION Y/N
CONDITION OF STEPS: (Circle One) 1 2 3 4 5
NUMBER OF SECTIONS: 2 3 4

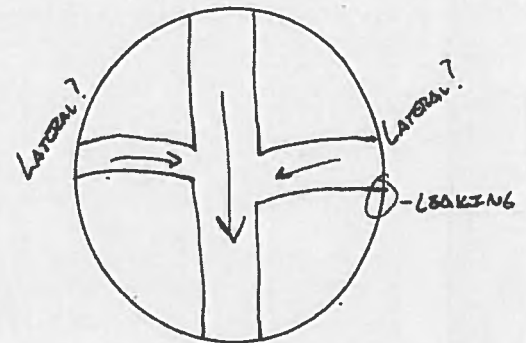
CONDITION OF INVERTS: (Circle One) 1 2 3 4 5
EVIDENCE OF INFILTRATION Y/N
CONDITION OF TABLE: (Circle One) 1 2 3 4 5
EVIDENCE OF INFILTRATION Y/N
GROUNDWATER LEVEL _____ ft (above invert)
DEFECTS/LEAKAGE POINTS: (Note hole/crack size if any, length/width)

COVER: Y/N Est. I/I JOINTS: Y/N Est. I/I
FRAME: Y/N Est. I/I INVERTS: Y/N Est. I/I
WALLS: Y/N Est. I/I TABLES: Y/N Est. I/I

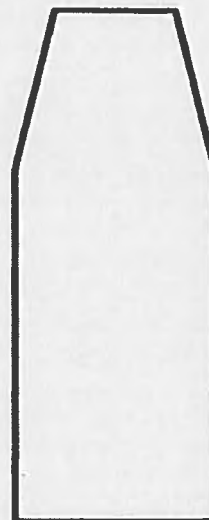
TOTAL ESTIMATED I/I (GPM): 3-4 LATERAL

CORROSION PROBLEMS? Y/N

COMMENTS (REQUIRED): LEAKING LATERAL



PLAN



Overall MH Condition
Rating (1-5)

2

SECTION

**WRIGHT-PIERCE
MANHOLE INSPECTION REPORT**

Project Name: _____
Subsystem Name/No. 5

Manhole ID No. 5-165

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

*Note: See Reverse Side of Form
for Standard Photos Required*

PROJECT LOCATION: Trumbull, CT PROJECT NO.: 120510
DATE: 8/1/11 WEATHER: Sunny TIME: _____ INSPECTOR: Jan/ERC

LOCATION DATA:

STREET Woolsey Ave. (Address # & Street or Closest Intersection)
BURIED: Yes/No No PAVED AREA: Yes/No No SHEETING: Yes/No _____ PONDING: Yes/No _____ Depth in.

MANHOLE DATA:

COVER CONDITION: (Circle One) 1 2 3 4 5
COVER TYPE: None Solid Vented/Slotted

Concealed Pick Holes Bolted Locked

Gasketed-Yes/No (to prevent inflow)

Inner Cover-Yes/No (not inflow dish)

18" 24" 26" 30"

COVER DIAMETER:

NO. OF COVER HOLES:

SIZE OF COVER HOLES:

AT/ABOVE/BELOW GRADE? _____ in.

SURCHARGED AT INSPECTION? Y/N _____ Height _____ in.

EVIDENCE OF SURCHARGE? Y/N _____ Height _____ in.

CONDITION OF RIM: (Circle One) 1 2 3 4 5

FRAME CONDITION: (Circle One) 1 2 3 4 5

RISER CONDITION: (Circle One) 1 2 3 4 5

EVIDENCE OF INFLOW? Y/N

RISERS ARE: BRICK BLOCK PRECAST

MANHOLE DIAMETER 2FT 3FT 4FT OTHER: _____

MANHOLE IS: BRICK BLOCK PRECAST OTHER: _____

DEPTH OF MANHOLE: 10.08 FT (Rim to Invert)

EVIDENCE OF INFLOW Y/N

CONDITION OF WALLS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N

CONDITION OF STEPS: (Circle One) 1 2 3 4 5

NUMBER OF SECTIONS: 2 3 4

CONDITION OF INVERTS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N

CONDITION OF TABLE: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N

GROUNDWATER LEVEL _____ ft (above invert)

DEFECTS/LEAKAGE POINTS: (Note hole/crack size if any, length/width)

COVER: Y/N Est. I/I _____ JOINTS: Y/N Est. I/I _____

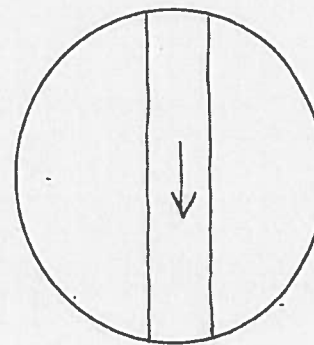
FRAME: Y/N Est. I/I _____ INVERTS: Y/N Est. I/I _____

WALLS: Y/N Est. I/I _____ TABLES: Y/N Est. I/I _____

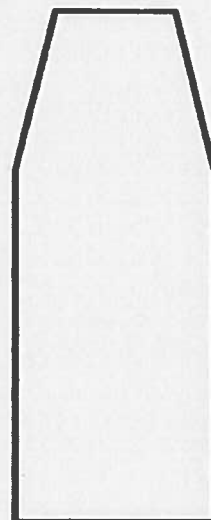
TOTAL ESTIMATED I/I (GPM): _____

CORROSION PROBLEMS? Y/N

COMMENTS (REQUIRED): _____



PLAN



SECTION

Overall MH Condition
Rating (1-5)

1

APPENDIX B
Area A Pipeline Rehabilitation Table

AREA A PIPELINE REHABILITATION TABLE
Town of Trumbull, CT
Sewer System Rehabilitation Project 1

Jun-15
13017B

Street	Starting SMH	Ending SMH	Pipe Diameter	Length of Pipe	Existing Pipe Material	Defect Grade	Defect Notes	Type of Repair	Typical Joint Spacing	Repair (distance to defect measured from video inspection start manhole)
Arrowhead Rd	5-175	5-174	8	99.2	ACP	2	Light Roots at Joint.	Chemical Grout	13	test and seal main
Arrowhead Rd	5-176	5-175	8	249.8	ACP	2	Heavy roots and grit at first joint in pipe.	Chemical Grout	13	test and seal main
Country Ln	5-234	5-233	8	174.2	ACP	2	Infiltration at pipe connection; roots	Lateral liner		top hat lateral liner at 107.5'
Craig Ln	5-190	5-195	8	100.1	ACP	2	Infiltration at pipe connection	Chemical Grout	13	test and seal main, test and seal lateral at 95.2'
Deerfield Dr	5-58	5-57	12	300.1	ACP	5	Infiltration at joint and calcium build up	Chemical Grout, Cure in Place	13	test and seal main, spot liner at 93.9'- 4' long
Deerfield Dr	5-243	5-60	12	227.9	ACP	4	Infiltration runner from small hole at connection	Lateral liner		top hat lateral liner at 7.6'
Eastwood Rd	5-114	5-113	8	172.4	ACP	5	Offset joint; infiltration gusher	Chemical Grout	13	test and seal main
Elaine Pl	5-250	5-251	8	308.2	ACP	2	Deposits; Infiltration weeper	Cure in Place		spot liner at 305' - 6' long
Elaine St	5-252	5-250	8	153.9	ACP	5	Infiltration Gusher at Joint	Cure in Place, Special Liner		spot liner at 144'- 4' long, "lateral lining" of manhole drop connection
Elaine St	5-254	5-253	8	78.1	ACP	3	Infiltration dripper; joint offset	Cure in Place		spot liner at 140'- 6' long
Evergreen Ln	5-187	5-186	8	301.2	ACP	2	Infiltration at joint in lateral; capped connection	Chemical Grout	13	test and seal main, test and seal lateral at 7'
Greenfield Dr	5-210	5-211	8	235.3	ACP	2	Leaking from joint inside lateral	Chemical Grout	13	test and seal main, test and seal lateral at 179.3'
Grove St	5-315	5-309	8	297.3	ACP	5	Infiltration gusher at joint	Cure in Place		spot liner at 3' - 4' long
Main St	5-263	5-259	8	266.2	ACP	2	Leaking at pipe connection	Chemical Grout	13	test and seal main, test and seal lateral at 57'
Orchard St	5-320	5-318	8	115.8	ACP	5	Infiltration gusher at joint	Cure in Place		spot liner at 110'- 4' long
Garden St ESMT	5-85	5-84	10	285.2	ACP	5	Infiltration Gusher at joint	Cure in Place		Spot liner at 118'- 6' long
Rutlee Dr	5-48	5-47	12	301.1	ACP	4	Visible infiltration plus extra flow	Chemical Grout	13	test and seal main, test and seal lateral at 236.4'
Thorburn Ave	5-123	5-122	8	289	ACP	5	deposits blocking 30% of pipe heavy infiltration at lateral	Chemical Grout	13	test and seal main, test and seal lateral at 133.2', test and seal lateral at 265'
Whalley Ave	5-118	5-117	8	268	ACP	5	Broken Pipe; infiltration	Cure in Place 2x		spot liner at 133' - 4' long, spot liner at 265' - 4' long
Williams Rd	5-54	5-53	8	301.2	ACP	2	Infiltration at first joint.	Chemical Grout	13	test and seal main, test and seal lateral at 298.7'
Williams Rd	5-55	5-54	12	208.1	ACP	4	Infiltration runner with deposits and attached encrustation.	Cure in Place		spot liner at 12' - 4' long
Woodridge Circle	5-277	5-276	8	279.6	ACP	4	Infiltration Runner with Fine Roots	Cure in Place		spot liner at 31' - 4' long
Woodridge Circle	5-279	5-278	8	132	ACP	2	Mineral Deposits at Joints throughout section of pipe.	Chemical Grout	13	test and seal main
Woolsley Ave	5-160	5-153	8	219.8	ACP	4	Infiltration Runner at Joint	Chemical Grout	13	test and seal main
Woolsley Ave	5-165	5-164	8	269.2	ACP	2	Mineral Deposits at Majority of Joints throughout pipe	Chemical Grout	13	test and seal main, test and seal capped lateral at 26.4
Woolsley Ave	5-167	5-166	8	261.9	ACP	2	Mineral Deposits at Majority of Joints throughout pipe	Chemical Grout	13	test and seal main, test and seal lateral at 179.1'

APPENDIX C
Area A Pipeline CCTV Inspection Reports



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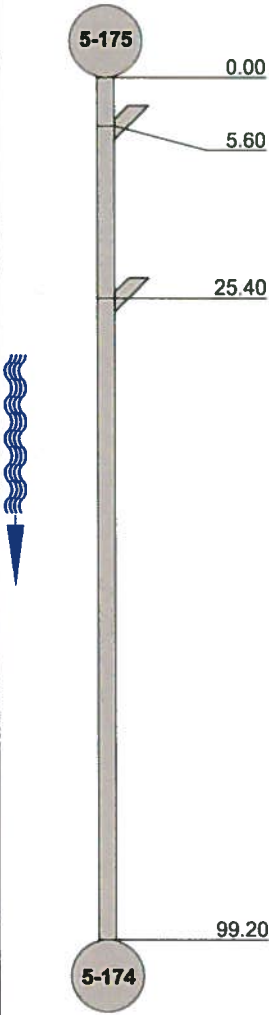
Inspection Report / Inspection: 1

Date 10/18/2011	P/O. No. 10251B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 185
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/18/2011	Pre-Cleaning No Pre-Cleaning	Sewer Category

Street Arrowhead Rd	Use of Sewer Sanitary	Upstream MH 5-175
City Trumbull, CT	Drainage Area	Downstream MH 5-174
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 99.20 ft	Section Length 99.20 ft

Purpose of Survey Routine Assessment	Joint Length 12.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. disc #12	Lining Method Other

Add. Information :

1:255	Position	Code	Observation	Photo			
	0.00	AMH	Upstream Manhole, Survey Begins / MH 5-175				
	5.60	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO				
	25.40	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO				
	99.20	AMH	Downstream Manhole, Survey Ends / MH 5-174				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	0000	0	0	0	0	0	0



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Inspection Report / Inspection: 1

Date 10/18/2011	P/O. No. 10251B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 186
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/18/2011	Pre-Cleaning Jetting	Sewer Category

Street Arrowhead Rd	Use of Sewer Sanitary	Upstream MH 5-176
City Trumbull, CT	Drainage Area	Downstream MH 5-175
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 249.80 ft	Section Length 249.80 ft

Purpose of Survey Routine Assessment	Joint Length 12.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. disc #12	Lining Method Other

Add. Information : **Manhole 5-175 Not Found.**

1:630	Position	Code	Observation	Photo			
	5-176						
	0.00	AMH	Upstream Manhole, Survey Begins / MH 5-176				
	31.20	TFA	Tap Factory Made Active, at 12 o'clock, 6", within 8 inches of joint: NO				
	86.60	TFA	Tap Factory Made Active, at 12 o'clock, 6", within 8 inches of joint: NO				
	116.20	TFA	Tap Factory Made Active, at 12 o'clock, 6", within 8 inches of joint: NO				
	237.50	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO				
	249.80	AMH	Downstream Manhole, Survey Ends / MH 5-175				
5-175							
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	0000	0	0	0	0	0	0



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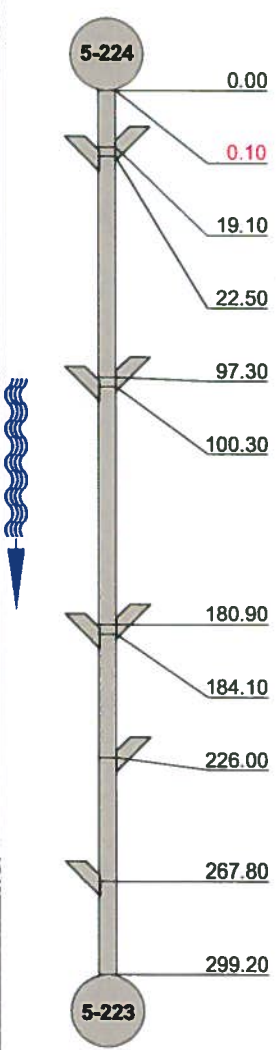
Inspection Report / Inspection: 1

Date 10/13/2011	P/O. No. 12051B	Weather Light Rain	Surveyor's Name CK	Pipe Segment Reference	Section No. 235
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/11/2011	Pre-Cleaning Jetting	Sewer Category

Street Bailey St	Use of Sewer Sanitary	Upstream MH 5-224
City Trumbull, CT	Drainage Area	Downstream MH 5-223
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 299.20 ft	Section Length 299.20 ft

Purpose of Survey Routine Assessment	Joint Length 12.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. disc #7	Lining Method Other

Add. Information :

1:750	Position	Code	Observation	Photo			
							
	0.00	AMH	Upstream Manhole, Survey Begins / MH 5-224				
	0.10	HSV	Hole Soil Visible, from 10 to 12 o'clock, within 8 inches of joint: YES / At Manhole.	56_57_338_A.JPG			
	19.10	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO				
	22.50	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO / Continious Flow.				
	97.30	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO / Continious Flow.				
	100.30	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO				
	180.90	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO				
	184.10	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO				
	226.00	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO / Continious Flow.				
	267.80	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO				
	299.20	AMH	Downstream Manhole, Survey Ends / MH 5-223				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5100	0000	5	0	5	5	0	5

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Bailey St	Date : 10/11/2011	Pipe Segment Reference :	Section No : 235
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Photo: 56_57_338_A.JPG, VCR No.: disc #7

0.1FT, Hole Soil Visible, from 10 to 12 o'clock, within 8 inches of joint:
YES



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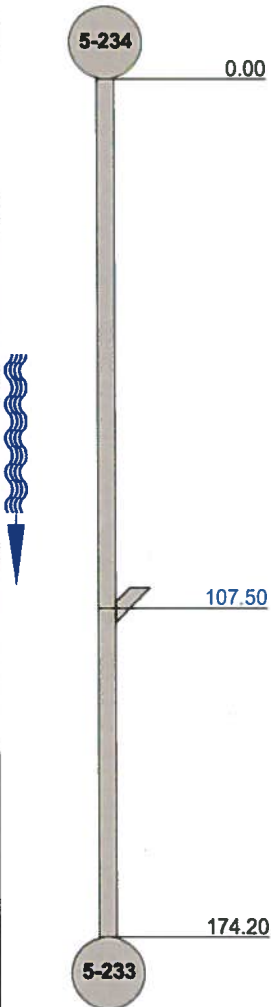
Inspection Report / Inspection: 1

Date 10/11/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 244
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/11/2011	Pre-Cleaning Jetting	Sewer Category

Street City Loc. details Location Code	Country Ln Trumbull, CT Light Highway	Use of Sewer Drainage Area Flow Control Length surveyed	Sanitary Not Controlled 174.20 ft	Upstream MH Downstream MH Dir. of Survey Section Length	5-234 5-233 Downstream 174.20 ft
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Purpose of Survey Year Laid Year Rehabilitated Tape / Media No.	Routine Assessment disc #4	Joint Length Dia./Height Material Lining Method	12.00 ft 8 inch Asbestos Cement Other
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Add. Information :

1:450	Position	Code	Observation	Photo			
							
	0.00	AMH	Upstream Manhole, Survey Begins / MH 5-234				
	107.50	TFD	Tap Factory Made Defective, at 11 o'clock, 6", within 8 inches of joint: NO / IR				
	174.20	AMH	Downstream Manhole, Survey Ends / MH 5-233				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	2100	0	2	2	0	2	2



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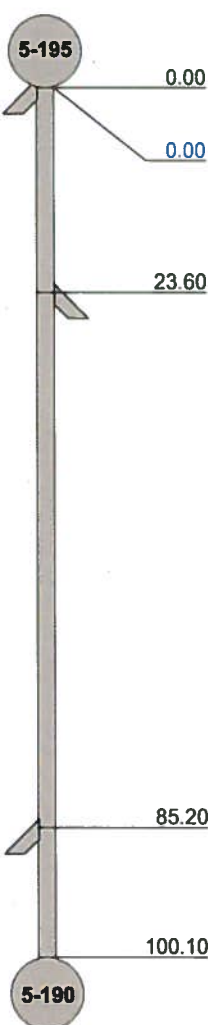
Inspection Report / Inspection: 1

Date 10/11/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 201
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/11/2011	Pre-Cleaning No Pre-Cleaning	Sewer Category

Street Craig Ln	Use of Sewer Sanitary	Upstream MH 5-190
City Trumbull, CT	Drainage Area	Downstream MH 5-195
Loc. details	Flow Control Not Controlled	Dir. of Survey Upstream
Location Code Light Highway	Length surveyed 100.10 ft	Section Length 100.10 ft

Purpose of Survey Routine Assessment	Joint Length 12.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. disc #3	Lining Method Other

Add. Information :

1:255	Position	Code	Observation	Photo			
	0.00	AMH	Downstream Manhole, Survey Begins / MH 5-195				
	0.00	TFD	Tap Factory Made Defective, at 02 o'clock, 6", within 8 inches of joint: NO / IG				
	23.60	TFA	Tap Factory Made Active, at 11 o'clock, 6", within 8 inches of joint: NO				
	85.20	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO				
	100.10	AMH	Upstream Manhole, Survey Ends / MH 5-190				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	2100	0	2	2	0	2	2

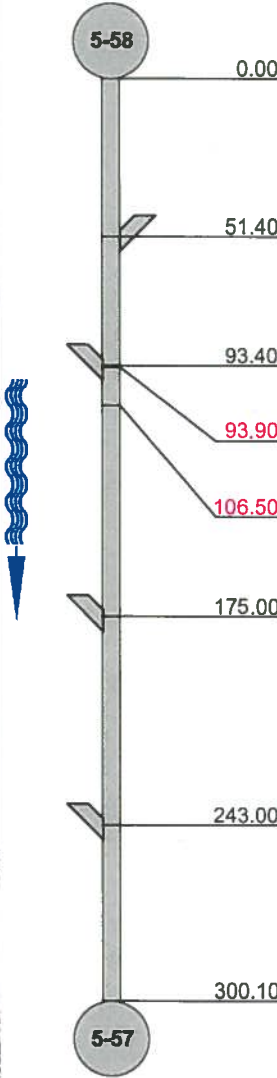
Inspection Report / Inspection: 1

Date 12/15/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 63
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 12/15/2011	Pre-Cleaning No Pre-Cleaning	Sewer Category

Street Deerfield Dr	Use of Sewer Sanitary	Upstream MH 5-58
City Trumbull, CT	Drainage Area	Downstream MH 5-57
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 300.10 ft	Section Length 300.10 ft

Purpose of Survey Routine Assessment	Joint Length 12.00 ft
Year Laid	Dia./Height 12 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. disc #22	Lining Method Other

Add. Information :

1:750	Position	Code	Observation	Photo
	0.00	AMH	Upstream Manhole, Survey Begins / MH 5-58	
	51.40	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO	
	93.40	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO	
	93.90	B	Broken, at 12 o'clock, within 8 inches of joint: NO	232_233_1281_A.JPG
	106.50	IG	Infiltration Gusher, from 12 to 01 o'clock, within 8 inches of joint: YES / IG	232_233_1282_A.JPG
	175.00	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO	
	243.00	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO	
	300.10	AMH	Downstream Manhole, Survey Ends / MH 5-57	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5100	5100	5	5	10	5	5	5

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Deerfield Dr	Date : 12/15/2011	Pipe Segment Reference :	Section No : 63
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Photo: 232_233_1281_A.JPG, VCR No.: disc #22
93.9FT, Broken, at 12 o'clock, within 8 inches of joint: NO

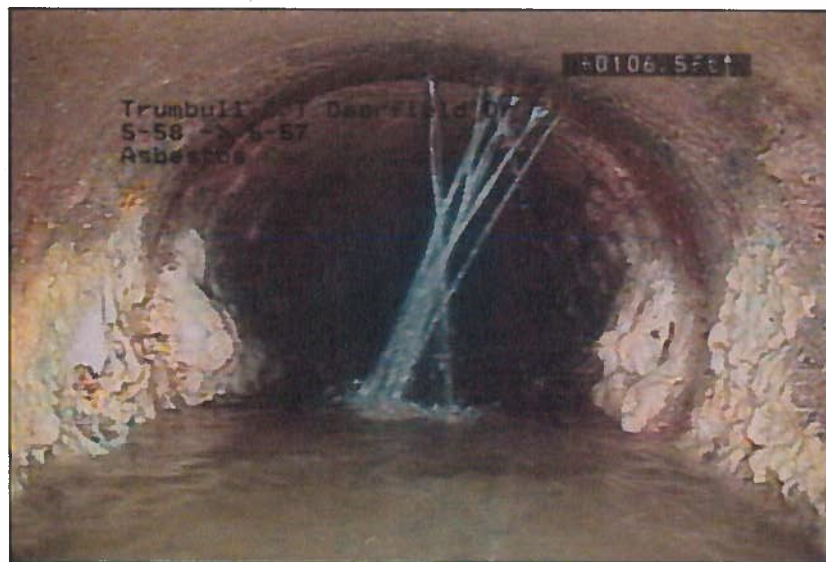


Photo: 232_233_1282_A.JPG, VCR No.: disc #22
106.5FT, Infiltration Gusher, from 12 to 01 o'clock, within 8 inches of joint: YES



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Inspection Report / Inspection: 1

Date 10/19/2011	P/O. No. 12051B	Weather Light Rain	Surveyor's Name CK	Pipe Segment Reference	Section No. 255
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/19/2011	Pre-Cleaning Jetting	Sewer Category

Street Deerfield Dr	Use of Sewer Sanitary	Upstream MH 5-243
City Trumbull, CT	Drainage Area	Downstream MH 5-60
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 227.90 ft	Section Length 227.90 ft
Purpose of Survey Routine Assessment	Joint Length 12.00 ft	
Year Laid	Dia./Height 8 inch	
Year Rehabilitated	Material Asbestos Cement	
Tape / Media No. disc #13	Lining Method Other	

Add. Information :

1:570	Position	Code	Observation	Photo
	0.00	AMH	Upstream Manhole, Survey Begins / MH 5-243	
	7.60	TFD	Tap Factory Made Defective, at 10 o'clock, 6", within 8 inches of joint: NO	114_115_739_A.JPG
	7.60	IR	Infiltration Runner, at 10 o'clock, within 8 inches of joint: NO	114_115_741_A.JPG
	147.00	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO	
	215.30	TSA	Tap Saddle Active, at 10 o'clock, 6", within 8 inches of joint: NO	
	227.90	AOC	Drop Connection, Survey Ends / MH 5-60	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4121	0	6	6	0	3	3

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Deerfield Dr	Date : 10/19/2011	Pipe Segment Reference :	Section No : 255
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Photo: 114_115_739_A.JPG, VCR No.: disc #13
7.6FT, Tap Factory Made Defective, at 10 o'clock, 6", within 8 inches of joint: NO



Photo: 114_115_741_A.JPG, VCR No.: disc #13
7.6FT, Infiltration Runner, at 10 o'clock, within 8 inches of joint: NO



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Inspection Report / Inspection: 1

Date 10/4/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 119
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/4/2011	Pre-Cleaning Jetting	Sewer Category

Street Eastwood Rd	Use of Sewer Sanitary	Upstream MH 5-114
City Trumbull, CT	Drainage Area	Downstream MH 5-113
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 172.40 ft	Section Length 172.40 ft

Purpose of Survey Routine Assessment	Joint Length 3.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Tape 1	Lining Method Other

Add. Information :

1:435	Position	Code	Observation	Photo
	0.00	AMH	Upstream Manhole, Survey Begins / MH 5-114	
	1.30	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO	
	14.70	ISSRL	Intruding Sealing Ring Loose/Poorly Fitting, 5 % of Cross Sectional Area, From 03 to 05 o'clock	
	14.70	IG	Infiltration Gusher, from 03 to 05 o'clock, within 8 inches of joint: YES / Infiltration Gusher.	14_15_105_A.jpg
	38.20	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO / Continious Flow.	
	167.20	MWLS	Water Level, Sag In Pipe, 10 % of Cross Sectional Area / Start	
	172.40	MWLS	Water Level, Sag In Pipe, 10 % of Cross Sectional Area / Finish	
	172.40	AMH	Downstream Manhole, Survey Ends / MH 5-113	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	5123	0	11	11	0	2.75	2.75

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Eastwood Rd	Date : 10/4/2011	Pipe Segment Reference :	Section No : 119
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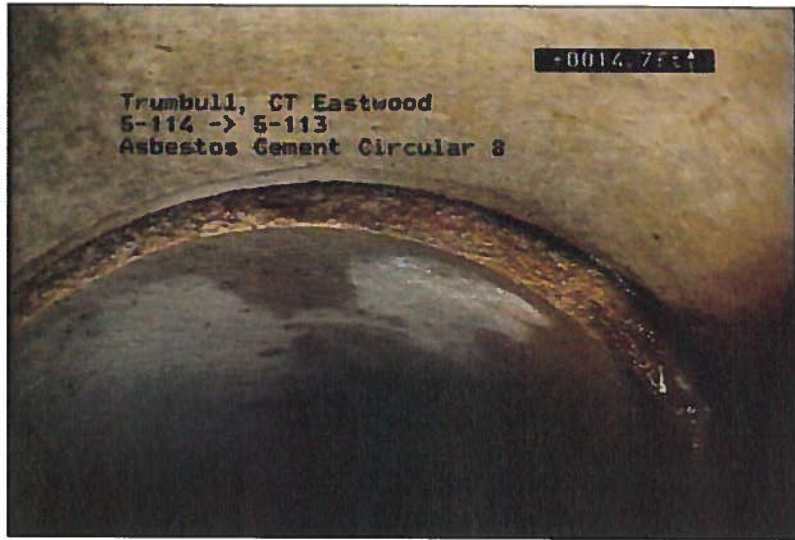


Photo: 14_15_105_A.jpg, VCR No.: Tape 1
14.7FT, Infiltration Gusher, from 03 to 05 o'clock, within 8 inches of joint: YES



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Inspection Report / Inspection: 1

Date 10/19/2011	P/O. No. 12051B	Weather Light Rain	Surveyor's Name CK	Pipe Segment Reference	Section No. 264
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/19/2011	Pre-Cleaning Jetting	Sewer Category

Street Elaine Pl	Use of Sewer Sanitary	Upstream MH 5-251
City Trumbull, CT	Drainage Area	Downstream MH 5-250
Loc. details	Flow Control Not Controlled	Dir. of Survey Upstream
Location Code Light Highway	Length surveyed 308.20 ft	Section Length 308.20 ft

Purpose of Survey Routine Assessment	Joint Length 12.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. disc #13	Lining Method Other

Add. Information :

1:780	Position	Code	Observation	Photo			
	0.00	AMH	Downstream Manhole, Survey Begins / MH 5-250				
	109.60	TFA	Tap Factory Made Active, at 12 o'clock, 6", within 8 inches of joint: NO				
	165.00	TFA	Tap Factory Made Active, at 12 o'clock, 6", within 8 inches of joint: NO				
	247.20	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO / Continuous Flow.				
	289.90	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO				
	293.00	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO				
	304.80	DAE	Deposits Attached Encrustation, 5 % of Cross Sectional Area, From 12 to 12 o'clock, within 8 inches of joint: YES	118_119_768_A.JPG			
	304.80	IW	Infiltration Weeper, from 12 to 12 o'clock, within 8 inches of joint: YES	118_119_769_A.JPG			
	308.20	AMH	Upstream Manhole, Survey Ends / MH 5-251				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	2200	0	4	4	0	2	2

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Elaine Pl	Date : 10/19/2011	Pipe Segment Reference :	Section No : 264
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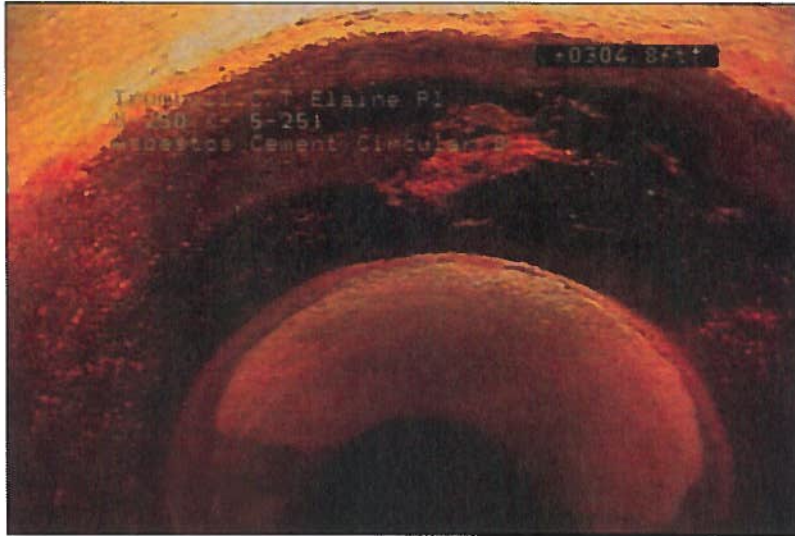


Photo: 118_119_768_A.JPG, VCR No.: disc #13
304.8FT, Deposits Attached Encrustation, 5 % of Cross Sectional
Area, From 12 to 12 o'clock, within 8 inches of joint: YES

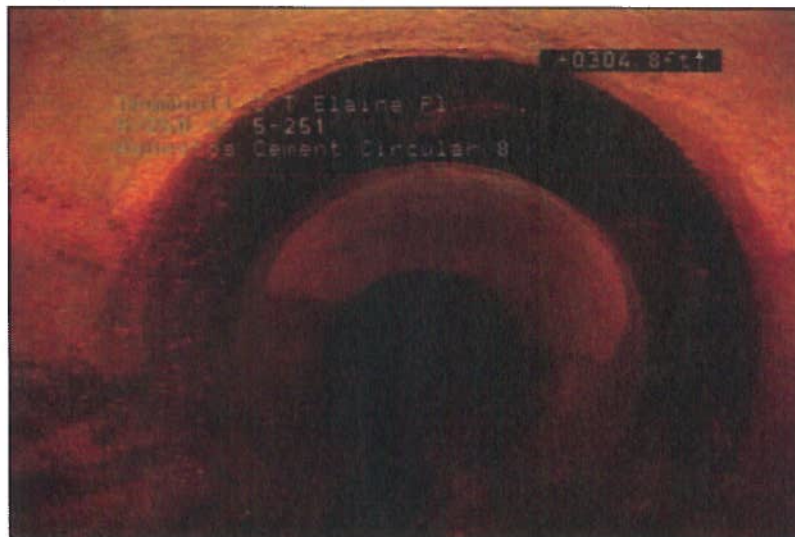


Photo: 118_119_769_A.JPG, VCR No.: disc #13
304.8FT, Infiltration Weeper, from 12 to 12 o'clock, within 8 inches of
joint: YES



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Inspection Report / Inspection: 1

Date 10/19/2011	P/O. No. 12051B	Weather Light Rain	Surveyor's Name CK	Pipe Segment Reference	Section No. 265
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/19/2011	Pre-Cleaning Jetting	Sewer Category

Street Elaine Pl	Use of Sewer Sanitary	Upstream MH 5-252
City Trumbull, CT	Drainage Area	Downstream MH 5-250
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 153.90 ft	Section Length 153.90 ft

Purpose of Survey Routine Assessment	Joint Length 12.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. disc #13	Lining Method Other

Add. Information :

1:390	Position	Code	Observation	Photo
	0.00	AMH	Upstream Manhole, Survey Begins / MH 5-252	
	124.50	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO	
	144.40	CC	Crack Circumferential, from 12 to 12 o'clock, within 8 inches of joint: NO	117_118_757_A.JPG
	144.40	IG	Infiltration Gusher, from 12 to 12 o'clock, within 8 inches of joint: NO	117_118_758_A.JPG
	153.90	AOC	Drop Connection, Survey Ends / MH 5-250	
	153.90	IG	Infiltration Gusher, at 01 o'clock, within 8 inches of joint: NO / In The Drop Connection.	
	5-250			

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1100	5200	1	10	11	1	5	3.67

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Elaine Pl	Date : 10/19/2011	Pipe Segment Reference :	Section No : 265
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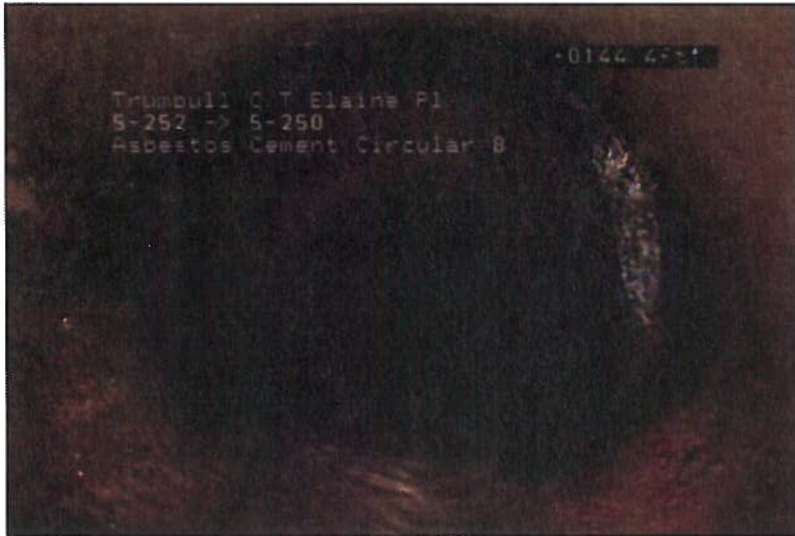


Photo: 117_118_757_A.JPG, VCR No.: disc #13
144.4FT, Crack Circumferential, from 12 to 12 o'clock, within 8 inches of joint: NO

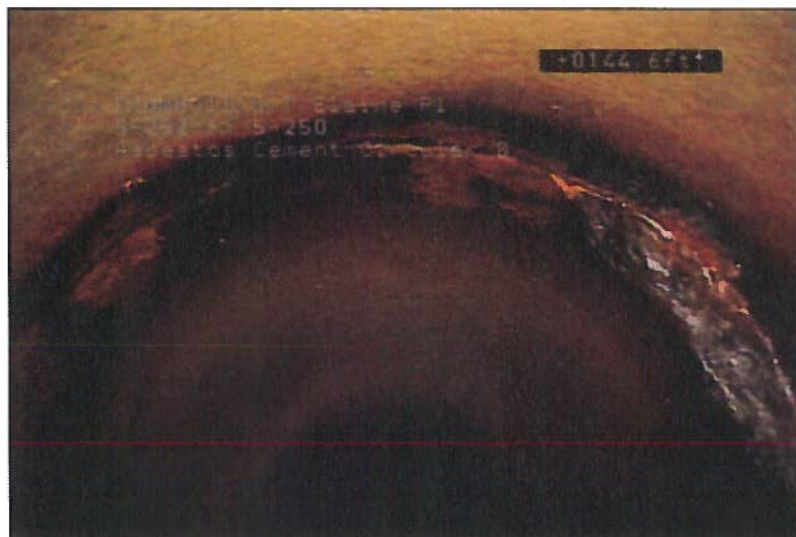


Photo: 117_118_758_A.JPG, VCR No.: disc #13
144.4FT, Infiltration Gusher, from 12 to 12 o'clock, within 8 inches of joint: NO



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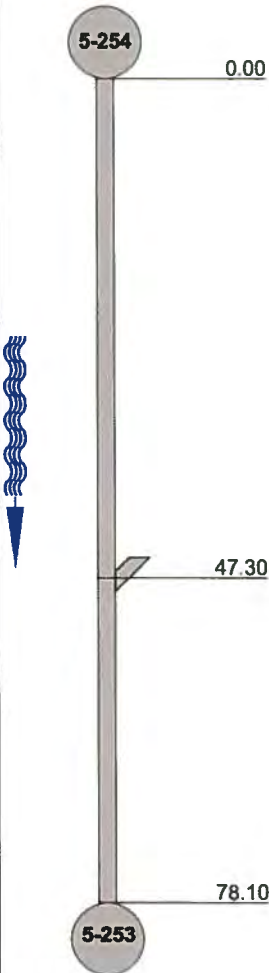
Inspection Report / Inspection: 1

Date 10/19/2011	P/O. No. 12051B	Weather Light Rain	Surveyor's Name CK	Pipe Segment Reference	Section No. 267
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/19/2011	Pre-Cleaning Jetting	Sewer Category

Street Elaine Pl	Use of Sewer Sanitary	Upstream MH 5-254
City Trumbull, CT	Drainage Area	Downstream MH 5-253
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 78.10 ft	Section Length 78.10 ft

Purpose of Survey Routine Assessment	Joint Length 12.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. disc #13	Lining Method Other

Add. Information :

1:210	Position	Code	Observation	Photo
	0.00	AMH	Upstream Manhole, Survey Begins / MH 5-254	
	47.30	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO	
	78.10	AMH	Downstream Manhole, Survey Ends / MH 5-253	
	5-254			

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	0000	0	0	0	0	0	0



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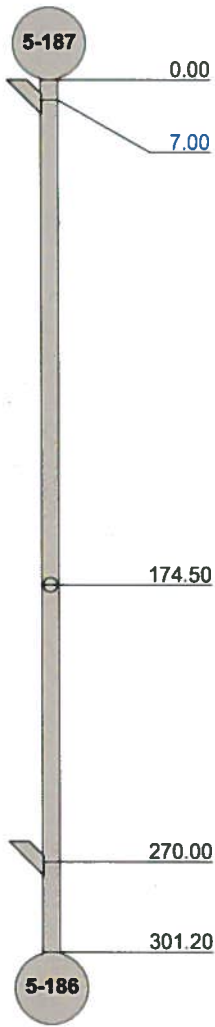
Inspection Report / Inspection: 1

Date 10/11/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 197
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/11/2011	Pre-Cleaning Jetting	Sewer Category

Street Evergreen Ln	Use of Sewer Sanitary	Upstream MH 5-187
City Trumbull, CT	Drainage Area	Downstream MH 5-186
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 301.20 ft	Section Length 301.20 ft

Purpose of Survey Routine Assessment	Joint Length 12.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. disc #3	Lining Method Other

Add. Information :

1:765	Position	Code	Observation	Photo			
	0.00	AMH	Upstream Manhole, Survey Begins / MH 5-187				
	7.00	TFD	Tap Factory Made Defective, at 01 o'clock, 6", within 8 inches of joint: NO / IR				
	174.50	TFA	Tap Factory Made Active, at 12 o'clock, 6", within 8 inches of joint: NO				
	270.00	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO				
	301.20	AMH	Downstream Manhole, Survey Ends / MH 5-186				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	2100	0	2	2	0	2	2

Trumbull, CT CCTV Inspection



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Inspection Report / Inspection: 1

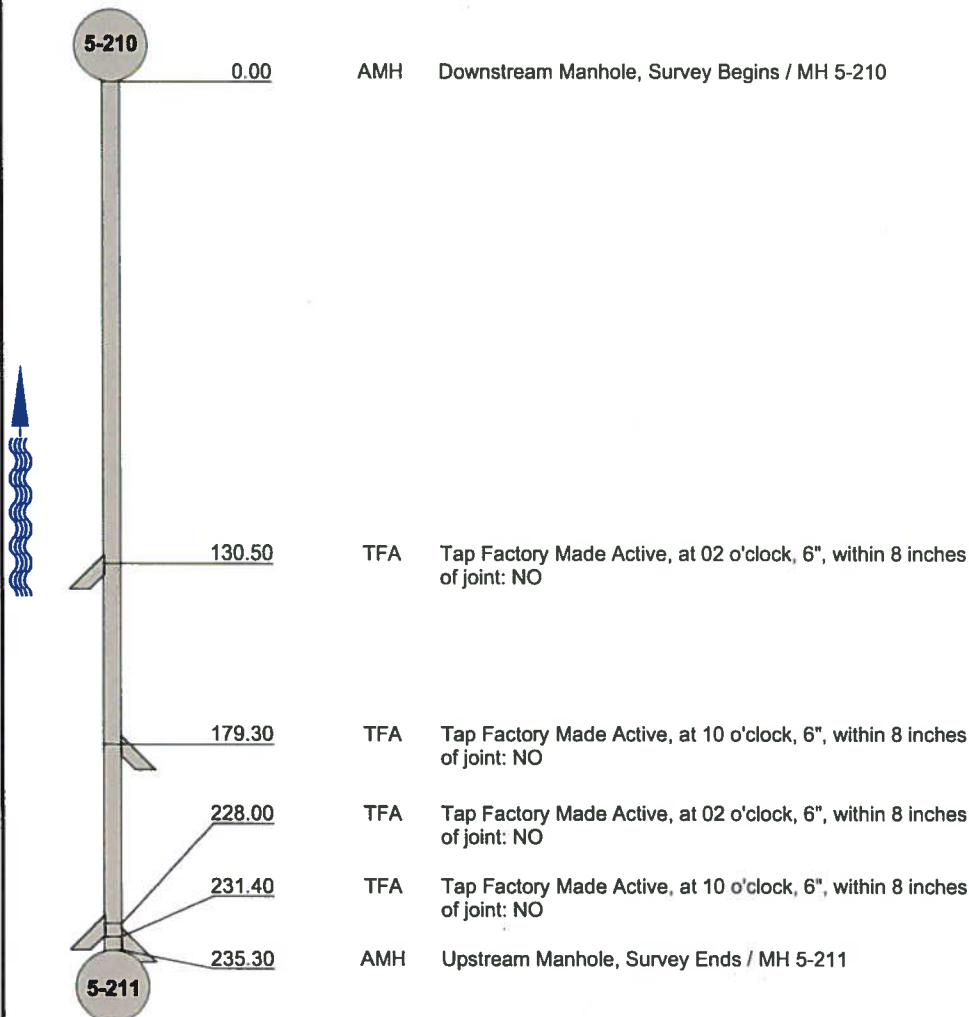
Date 10/17/2011	P/O. No. 10251B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 222
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/17/2011	Pre-Cleaning Jetting	Sewer Category

Street Greenfield Dr	Use of Sewer Sanitary	Upstream MH 5-211
City Trumbull, CT	Drainage Area	Downstream MH 5-210
Loc. details	Flow Control Not Controlled	Dir. of Survey Upstream
Location Code Light Highway	Length surveyed 235.30 ft	Section Length 235.30 ft

Purpose of Survey Routine Assessment	Joint Length 12.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. disc #10	Lining Method Other

Add. Information :

1:600 Position Code Observation Photo



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	0000	0	0	0	0	0	0



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Inspection Report / Inspection: 1

Date 11/15/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 328
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 11/15/2011	Pre-Cleaning Jetting	Sewer Category

Street Grove St	Use of Sewer Sanitary	Upstream MH 5-315
City Trumbull, CT	Drainage Area	Downstream MH 5-309
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 297.30 ft	Section Length 297.30 ft

Purpose of Survey Routine Assessment	Joint Length 12.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Tape #4	Lining Method Other

Add. Information :

1:750	Position	Code	Observation	Photo
	5-315	AMH	Upstream Manhole, Survey Begins / MH 5-315	
	0.00			
	3.20	IG	Infiltration Gusher, at 02 o'clock, within 8 inches of joint: YES	73_74_520_A.JPG
	95.30	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO	
	227.30	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO	
	297.30	AMH	Downstream Manhole, Survey Ends / MH 5-309	
5-309				

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	5100	0	5	5	0	5	5

City : Trumbull, CT



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Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Grove St	Date : 11/15/2011	Pipe Segment Reference :	Section No : 328
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Photo: 73_74_520_A.JPG, VCR No.: Tape #4
3.2FT, Infiltration Gusher, at 02 o'clock, within 8 inches of joint: YES



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Inspection Report / Inspection: 1

Date 11/16/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 275
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 11/16/2011	Pre-Cleaning Jetting	Sewer Category

Street Main St	Use of Sewer Sanitary	Upstream MH 5-263
City Trumbull, CT	Drainage Area	Downstream MH 5-259
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 266.20 ft	Section Length 266.20 ft

Purpose of Survey Routine Assessment	Joint Length 12.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Tape #6	Lining Method Other

Add. Information :

1:675	Position	Code	Observation	Photo
	0.00	AMH	Upstream Manhole, Survey Begins / MH 5-263	
	57.00	TSA	Tap Saddle Active, at 09 o'clock, 6", within 8 inches of joint: NO	
	157.10	TFC	Tap Factory Made Capped, at 02 o'clock, 6", within 8 inches of joint: NO	
	266.20	AMH	Downstream Manhole, Survey Ends / MH 5-259	
	5-259			

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	0000	0	0	0	0	0	0

Trumbull, CT CCTV Inspection



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Inspection Report / Inspection: 1

Date 11/15/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 332
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 11/15/2011	Pre-Cleaning Jetting	Sewer Category

Street Orchard St	Use of Sewer Sanitary	Upstream MH 5-320
City Trumbull, CT	Drainage Area	Downstream MH 5-318
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 115.80 ft	Section Length 115.80 ft

Purpose of Survey Routine Assessment	Joint Length 12.00 ft
Year Laid	Dia./Height 8 Inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Tape #5	Lining Method Other

Add. Information :

1:300	Position	Code	Observation	Photo
	0.00	AMH	Upstream Manhole, Survey Begins / MH 5-320	
	94.90	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO	
	111.20	IG	Infiltration Gusher, at 06 o'clock, within 8 inches of joint: NO	79_80_558_A.JPG
	115.80	AMH	Downstream Manhole, Survey Ends / MH 5-318	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	5100	0	5	5	0	5	5

Inspection photos / Inspection: 1City :
Trumbull, CTStreet :
Orchard StDate :
11/15/2011

Pipe Segment Reference :

Section No :
332

Photo: 79_80_558_A.JPG, VCR No.: Tape #5
111.2FT, Infiltration Gusher, at 06 o'clock, within 8 inches of joint: NO

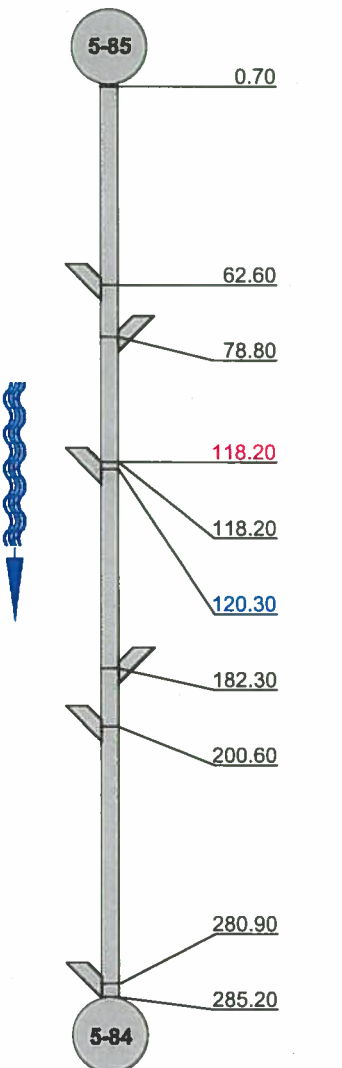
Inspection Report / Inspection: 1

Date 11/16/2011	P/O. No. 12051B	Weather Heavy Rain	Surveyor's Name CK	Pipe Segment Reference	Section No. 92
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 11/16/2011	Pre-Cleaning No Pre-Cleaning	Sewer Category

Street Garden St	Use of Sewer Sanitary	Upstream MH 5-85
City Trumbull, CT	Drainage Area	Downstream MH 5-84
Loc. details Light Highway	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code	Length surveyed 284.50 ft	Section Length 285.20 ft

Purpose of Survey Routine Assessment	Joint Length 12.00 ft
Year Laid	Dia./Height 10 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Tape #6	Lining Method Other

Add. Information :

1:720	Position	Code	Observation	Photo
	0.70	AMH	Upstream Manhole, Survey Begins / MH 5-85	
	62.60	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO	
	78.80	TFC	Tap Factory Made Capped, at 10 o'clock, 6", within 8 inches of joint: NO	
	118.20	IG	Infiltration Gusher, from 08 to 11 o'clock, within 8 inches of joint: YES	118_119_790_A.JPG
	118.20	RPP	Repair Patch, at 12 o'clock, within 8 inches of joint: YES / PR	118_119_791_A.JPG
	120.30	TFD	Tap Factory Made Defective, at 02 o'clock, 6", within 8 inches of joint: YES / broke lateral	
	182.30	TBA	Tap Break-In Active, at 10 o'clock, 6", within 8 inches of joint: NO	
	200.60	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO	
	280.90	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO	
	285.20	AMH	Downstream Manhole, Survey Ends / MH 5-84	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	5121	0	7	7	0	3.5	3.5

Inspection photos / Inspection: 1City :
Trumbull, CTStreet :
Garden StDate :
11/16/2011

Pipe Segment Reference :

Section No :
92

Photo: 118_119_790_A.JPG, VCR No.: Tape #6
118.2FT, Infiltration Gusher, from 08 to 11 o'clock, within 8 inches of joint: YES



Photo: 118_119_791_A.JPG, VCR No.: Tape #6
118.2FT, Repair Patch, at 12 o'clock, within 8 inches of joint: YES



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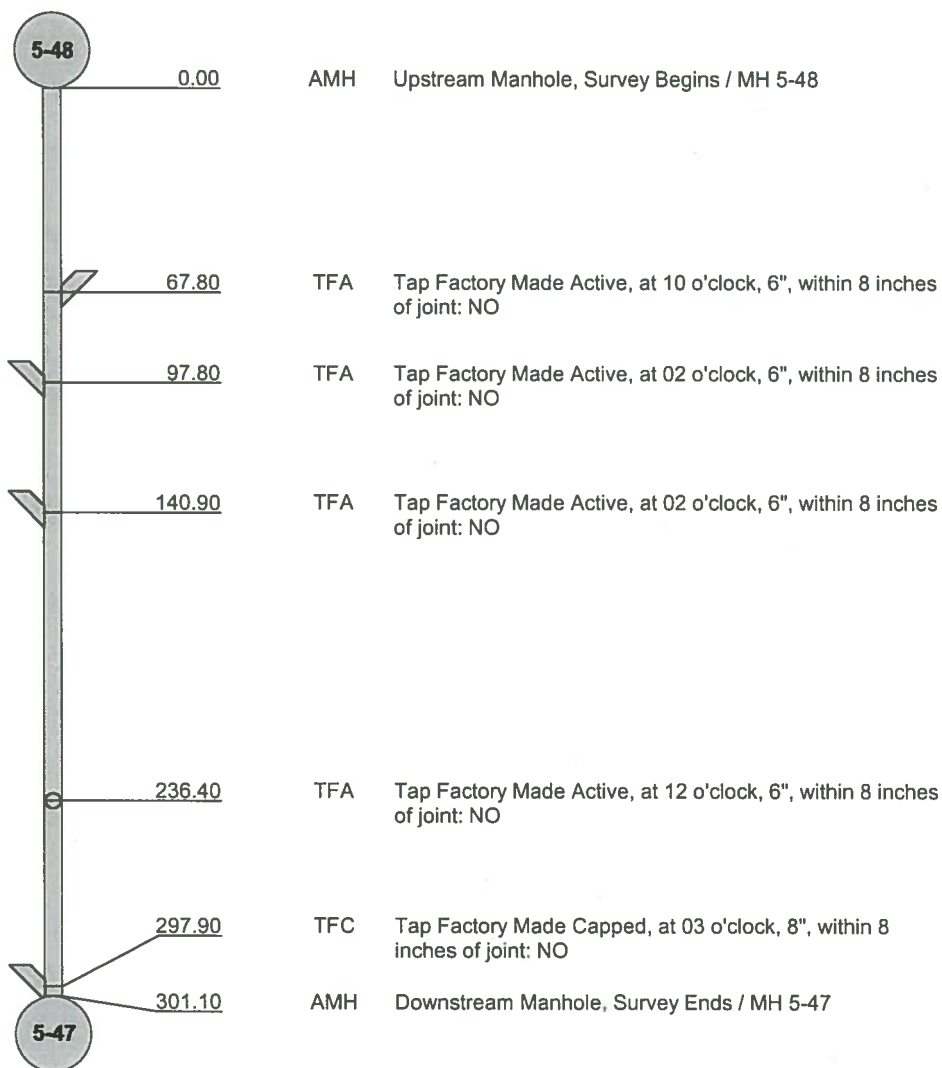
Inspection Report / Inspection: 1

Date 12/13/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 52
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 12/13/2011	Pre-Cleaning No Pre-Cleaning	Sewer Category

Street Rutlee Dr	Use of Sewer Sanitary	Upstream MH 5-48
City Trumbull, CT	Drainage Area	Downstream MH 5-47
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 301.10 ft	Section Length 301.10 ft
Purpose of Survey Routine Assessment	Joint Length 12.00 ft	
Year Laid	Dia./Height 12 inch	
Year Rehabilitated	Material Asbestos Cement	
Tape / Media No. disc #17	Lining Method Other	

Add. Information :

1:765 **Position** **Code** **Observation** **Photo**



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	0000	0	0	0	0	0	0

Trumbull, CT CCTV Inspection



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Inspection Report / Inspection: 1

Date 10/4/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name AS	Pipe Segment Reference	Section No. 130
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/4/2011	Pre-Cleaning Jetting	Sewer Category

Street Thorburn Ave	Use of Sewer Sanitary	Upstream MH 5-123
City Trumbull, CT	Drainage Area	Downstream MH 5-122
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 263.60 ft	Section Length 263.60 ft

Purpose of Survey Routine Assessment	Joint Length 3.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Tape 1	Lining Method Other

Add. Information : **Will Complete Inspection From Opposite Direction.**

1:660	Position	Code	Observation	Photo
	0.00	AMH	Upstream Manhole, Survey Begins / MH 5-123	
	7.70	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO	
	7.70	MWM	Water Mark, 50 % of Cross Sectional Area / Continious Water Mark.	
	17.50	TFD	Tap Factory Made Defective, at 02 o'clock, 6", within 8 inches of joint: NO / Deposits Attached Encrustation.	
	117.20	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO	
	133.20	TFD	Tap Factory Made Defective, at 02 o'clock, 6", within 8 inches of joint: NO / Infiltration Runner.	
	162.10	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO / Continuous Flow.	
	191.00	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO	
	258.40	TFC	Tap Factory Made Capped, at 10 o'clock, 6", within 8 inches of joint: NO	
	263.60	TBI	Tap Break-In Intruding, at 10 o'clock, 6", 3", within 8 inches of joint: NO	
	263.60	TBD	Tap Break-In Defective, at 10 o'clock, 6", within 8 inches of joint: NO / Infiltraton Gusher. Deposits Attached Encrustation 30%.	
	263.60	IG	Infiltration Gusher, at 10 o'clock, within 8 inches of joint: NO / At Connection.	10_11_79_A.jpg
	263.60	DAE	Deposits Attached Encrustation, 30 % of Cross Sectional Area, at 10 o'clock, Within 8 inches of joint: NO	10_11_80_A.jpg
	263.60	MSA	Survey Abandoned / Due To Deposits.	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	5141	0	21	21	0	3	3

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Thorburn Ave	Date : 10/4/2011	Pipe Segment Reference :	Section No : 130
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Photo: 10_11_79_A.jpg, VCR No.: Tape 1
263.6FT, Infiltration Gusher, at 10 o'clock, within 8 inches of joint: NO



Photo: 10_11_80_A.jpg, VCR No.: Tape 1
263.6FT, Deposits Attached Encrustation, 30 % of Cross Sectional Area, at 10 o'clock, Within 8 inches of joint: NO



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Inspection Report / Inspection: 1

Date 10/4/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 131
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, Ct	Date Cleaned 10/4/2011	Pre-Cleaning Jetting	Sewer Category

Street Thorburn Ave	Use of Sewer Sanitary	Upstream MH 5-123
City Trumbull, CT	Drainage Area	Downstream MH 5-122
Loc. details	Flow Control Not Controlled	Dir. of Survey Upstream
Location Code Light Highway	Length surveyed 25.40 ft	Section Length 25.40 ft

Purpose of Survey Routine Assessment	Joint Length 3.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Tape 1	Lining Method Other

Add. Information : **Complete's Inspection.**

1:75	Position	Code	Observation	Photo			
	0.00	AMH	Downstream Manhole, Survey Begins / MH 5-122				
	7.50	MWL	Water Level, 5 % of Cross Sectional Area				
	7.50	MWM	Water Mark, 5 % of Cross Sectional Area				
	25.40	DAE	Deposits Attached Encrustation, 30 % of Cross Sectional Area, At 02 o'clock, Within 8 inches of joint: NO	11_12_86_A.jpg			
	25.40	MSA	Survey Abandoned / Due To Deposits. Complete's Inspection.				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4122	0	8	8	0	2.67	2.67

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Thorburn Ave	Date : 10/4/2011	Pipe Segment Reference :	Section No : 131
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Photo: 11_12_86_A.jpg, VCR No.: Tape 1
25.4FT, Deposits Attached Encrustation, 30 % of Cross Sectional
Area, At 02 o'clock, Within 8 inches of joint: NO



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Inspection Report / Inspection: 1

Date 10/3/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name AS	Pipe Segment Reference	Section No. 125
Certificate No. 123456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/3/2011	Pre-Cleaning Jetting	Sewer Category

Street Whalley Ave	Use of Sewer Sanitary	Upstream MH 5-118
City Trumbull, CT	Drainage Area	Downstream MH 5-117
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 268.00 ft	Section Length 268.00 ft

Purpose of Survey Routine Assessment	Joint Length 10.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Tape 1	Lining Method Other

Add. Information :

1:675	Position	Code	Observation	Photo
	0.00	AMH	Upstream Manhole, Survey Begins / MH 5-118	
	6.50	TFA	Tap Factory Made Active, at 10 o'clock, 4", within 8 inches of joint: NO	
	39.00	TFA	Tap Factory Made Active, at 02 o'clock, 4", within 8 inches of joint: NO	
	93.70	TFA	Tap Factory Made Active, at 10 o'clock, 4", within 8 inches of joint: NO	
	133.10	B	Broken, at 12 o'clock, within 8 inches of joint: NO / Infiltrating 700 GPD	1_1_6_A.JPG
	148.10	TFA	Tap Factory Made Active, at 02 o'clock, 4", within 8 inches of joint: NO	
	260.20	TFA	Tap Factory Made Active, at 02 o'clock, 4", within 8 inches of joint: NO	
	265.40	FC	Fracture Circumferential, from 10 to 02 o'clock, within 8 inches of joint: NO / Slow Drip.	
	268.00	AMH	Downstream Manhole, Survey Ends / MH 5-117	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5121	0000	7	0	7	3.5	0	3.5

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Whalley Ave	Date : 10/3/2011	Pipe Segment Reference :	Section No : 125
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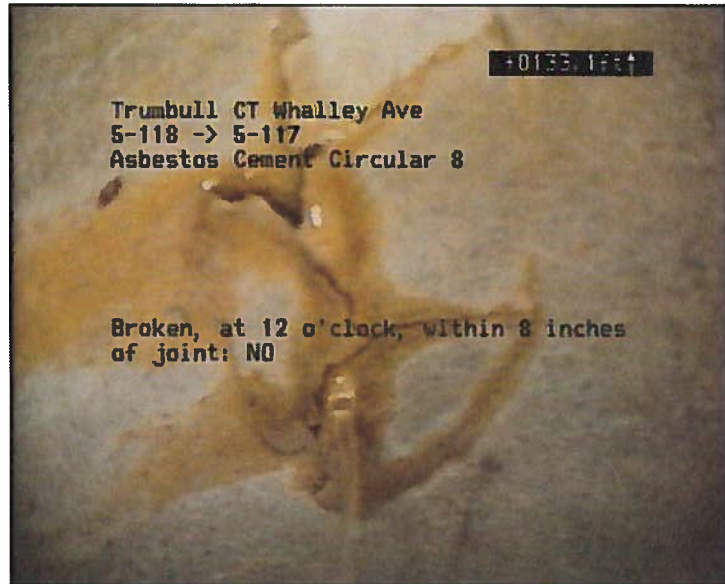


Photo: 1_1_6_A.JPG, VCR No.: Tape 1
133.1FT, Broken, at 12 o'clock, within 8 inches of joint: NO



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Inspection Report / Inspection: 1

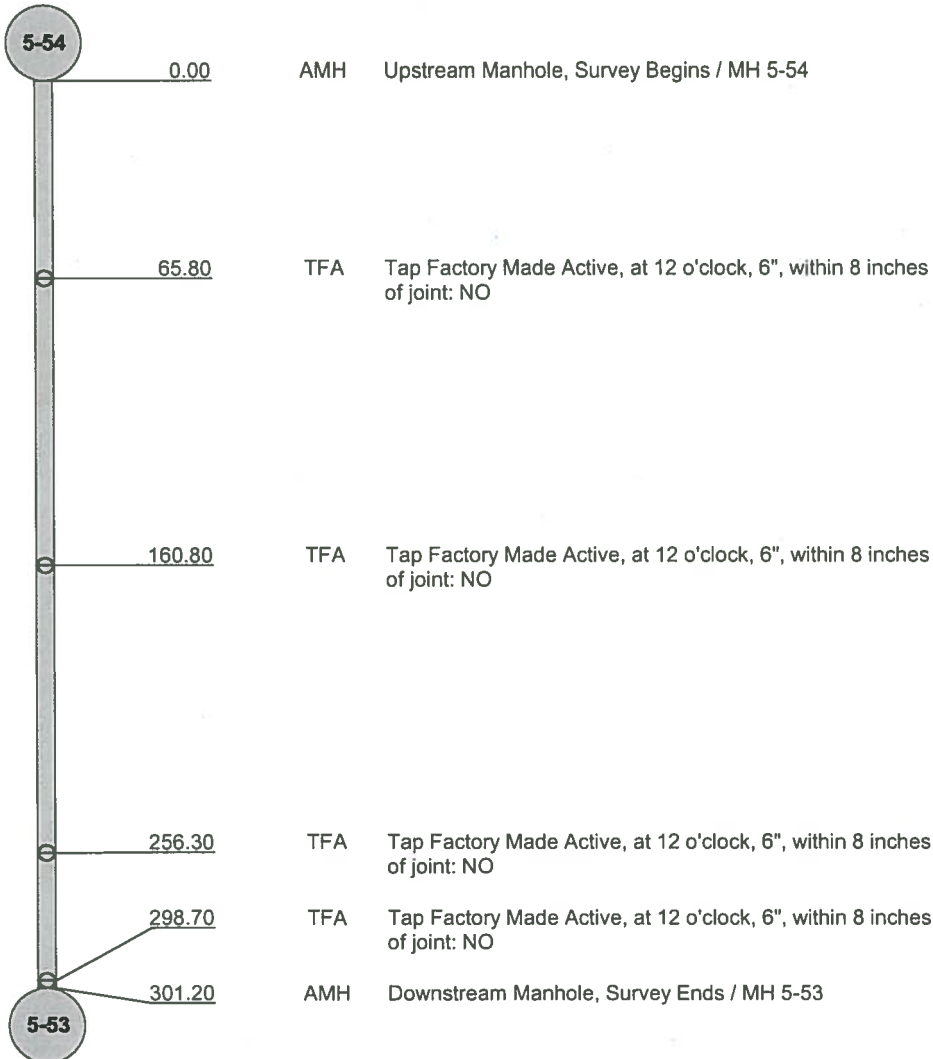
Date 12/15/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 59
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 12/15/2011	Pre-Cleaning No Pre-Cleaning	Sewer Category

Street Williams Rd	Use of Sewer Sanitary	Upstream MH 5-54
City Trumbull, CT	Drainage Area	Downstream MH 5-53
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 301.20 ft	Section Length 301.20 ft

Purpose of Survey Routine Assessment	Joint Length 12.00 ft
Year Laid	Dia./Height 12 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. disc #21	Lining Method Other

Add. Information :

1:765 Position Code Observation Photo



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	0000	0	0	0	0	0	0



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Inspection Report / Inspection: 1

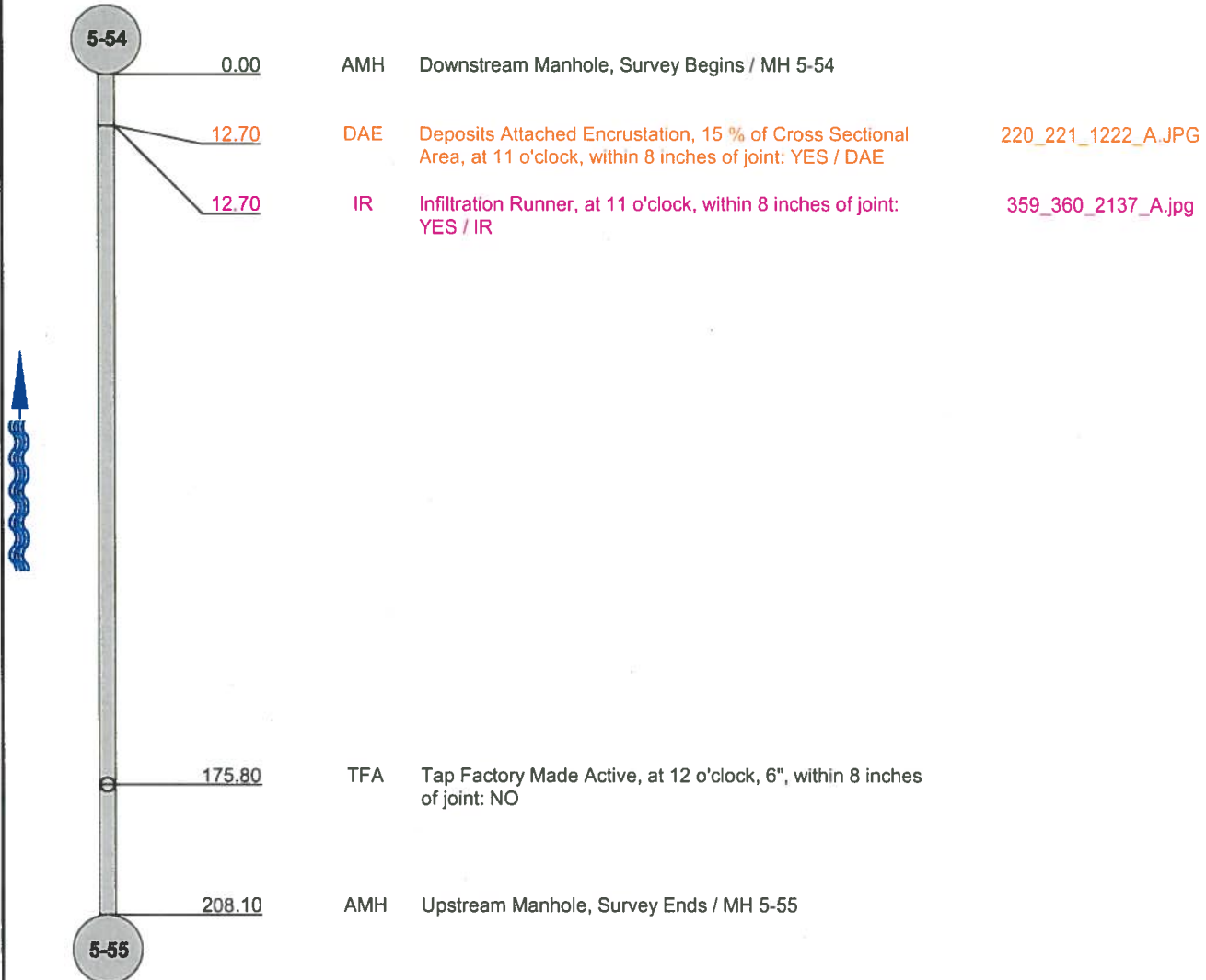
Date 12/15/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 60
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 12/15/2011	Pre-Cleaning No Pre-Cleaning	Sewer Category

Street Williams Rd	Use of Sewer Sanitary	Upstream MH 5-55
City Trumbull, CT	Drainage Area	Downstream MH 5-54
Loc. details	Flow Control Not Controlled	Dir. of Survey Upstream
Location Code Light Highway	Length surveyed 208.10 ft	Section Length 208.10 ft

Purpose of Survey Routine Assessment	Joint Length 12.00 ft
Year Laid	Dia./Height 12 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. disc #21	Lining Method Other

Add. Information :

1:525 **Position** **Code** **Observation** **Photo**



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4131	0	7	7	0	3.5	3.5

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Williams Rd	Date : 12/15/2011	Pipe Segment Reference :	Section No : 60
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Photo: 220_221_1222_A.JPG, VCR No.: disc #21
12.7FT, Deposits Attached Encrustation, 15 % of Cross Sectional Area, at 11 o'clock, within 8 inches of joint: YES

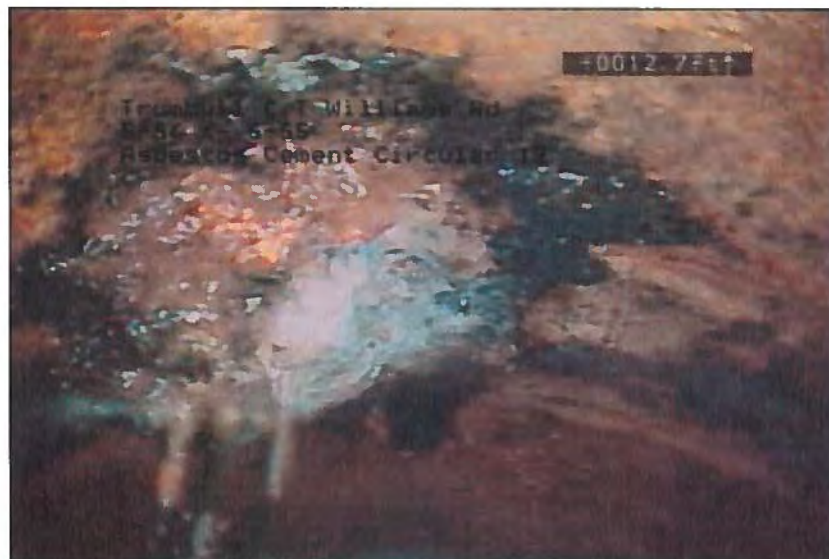


Photo: 359_360_2137_A.jpg, VCR No.: disc #21
12.7FT, Infiltration Runner, at 11 o'clock, within 8 inches of joint: YES



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Inspection Report / Inspection: 1

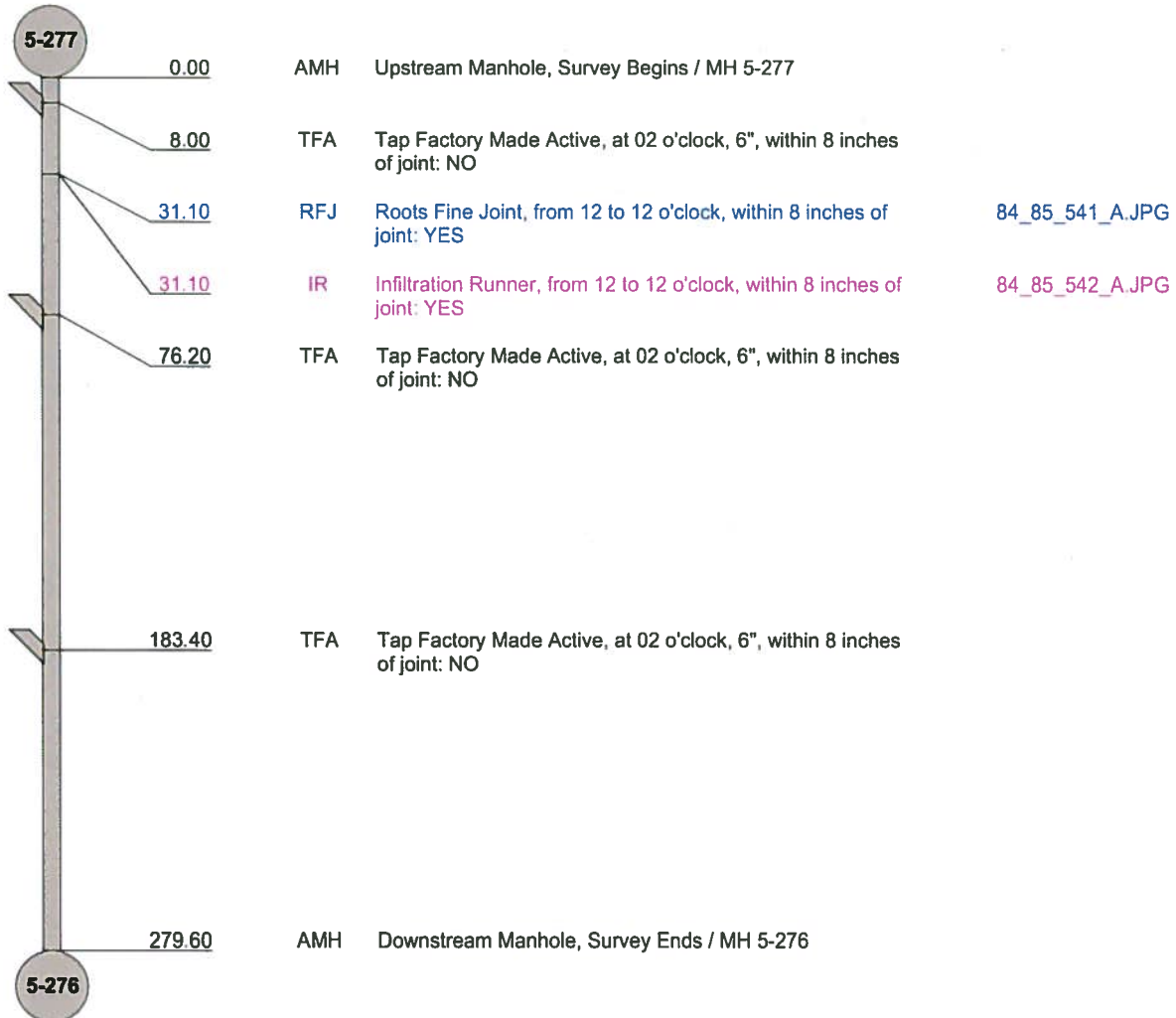
Date 10/17/2011	P/O. No. 10251B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 289
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/17/2011	Pre-Cleaning Jetting	Sewer Category

Street Woodridge Cir	Use of Sewer Sanitary	Upstream MH 5-277
City Trumbull, CT	Drainage Area	Downstream MH 5-276
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 279.60 ft	Section Length 279.60 ft

Purpose of Survey Routine Assessment	Joint Length 12.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. disc #10	Lining Method Other

Add. Information :

1:705 Position Code Observation Photo



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4121	0	6	6	0	3	3

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Woodridge Cir	Date : 10/17/2011	Pipe Segment Reference :	Section No : 289
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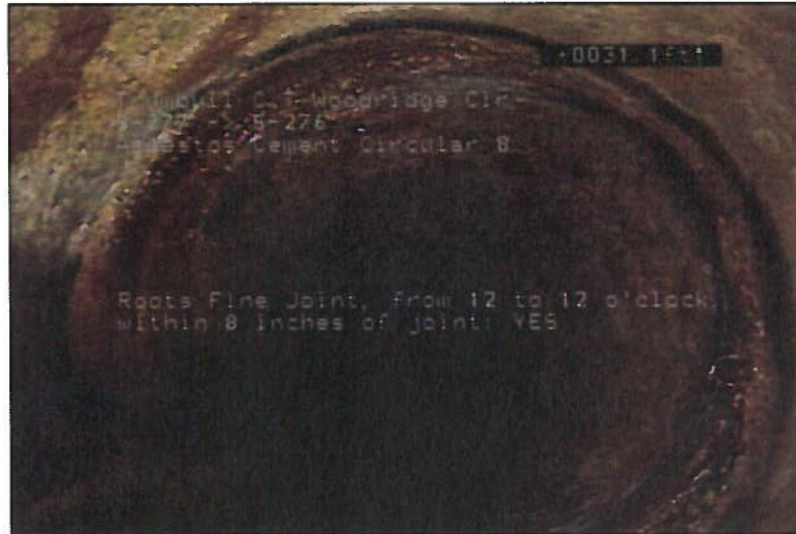


Photo: 84_85_541_A.JPG, VCR No.: disc #10
31.1FT, Roots Fine Joint, from 12 to 12 o'clock, within 8 inches of joint: YES



Photo: 84_85_542_A.JPG, VCR No.: disc #10
31.1FT, Infiltration Runner, from 12 to 12 o'clock, within 8 inches of joint: YES



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Inspection Report / Inspection: 1

Date 10/17/2011	P/O. No. 10251B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 291
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/17/2011	Pre-Cleaning Jetting	Sewer Category

Street Woodridge Cir	Use of Sewer Sanitary	Upstream MH 5-279
City Trumbull, CT	Drainage Area	Downstream MH 5-278
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 132.00 ft	Section Length 132.00 ft

Purpose of Survey Routine Assessment	Joint Length 12.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. disc #10	Lining Method Other

Add. Information :

1:330	Position	Code	Observation	Photo			
<div><div><div>5-279</div><div>0.00</div></div><div>AMH Upstream Manhole, Survey Begins / MH 5-279</div><div><div>5-278</div><div>132.00</div></div><div>AMH Downstream Manhole, Survey Ends / MH 5-278</div></div>							
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	0000	0	0	0	0	0	0



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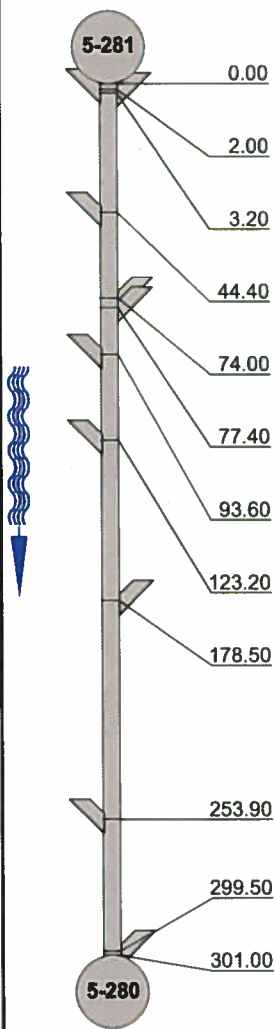
Inspection Report / Inspection: 1

Date 10/17/2011	P/O. No. 10251B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 293
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/17/2011	Pre-Cleaning Jetting	Sewer Category

Street Woodridge Cir	Use of Sewer Sanitary	Upstream MH 5-281
City Trumbull, CT	Drainage Area	Downstream MH 5-280
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 301.00 ft	Section Length 301.00 ft

Purpose of Survey Routine Assessment	Joint Length 12.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. disc #9&10	Lining Method Other

Add. Information :

1:765	Position	Code	Observation	Photo			
							
	0.00	AMH	Upstream Manhole, Survey Begins / MH 5-281				
	2.00	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO				
	3.20	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO				
	44.40	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO				
	74.00	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO				
	77.40	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO				
	93.60	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO				
	123.20	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO				
	178.50	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO				
	253.90	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO				
	299.50	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO				
	301.00	AMH	Downstream Manhole, Survey Ends / MH 5-280				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	0000	0	0	0	0	0	0



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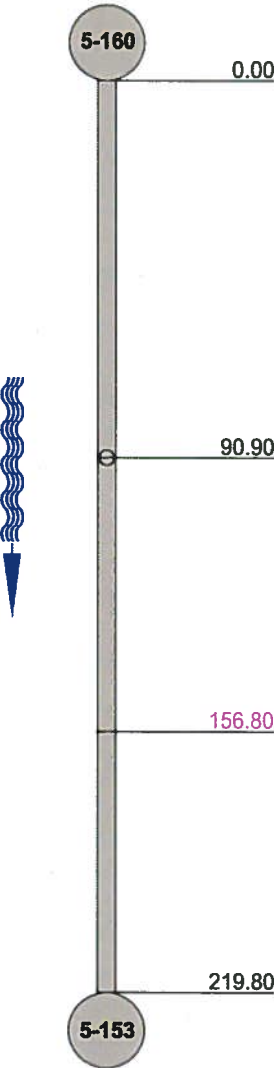
Inspection Report / Inspection: 1

Date 10/6/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 170
Certificate No. 789456	Survey Customer Hadiyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/6/2011	Pre-Cleaning Jetting	Sewer Category

Street Woolsley Ave	Use of Sewer Sanitary	Upstream MH 5-160
City Trumbull, CT	Drainage Area	Downstream MH 5-153
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 219.80 ft	Section Length 219.80 ft

Purpose of Survey Routine Assessment	Joint Length 3.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Tape 1	Lining Method Other

Add. Information :

1:555	Position	Code	Observation	Photo
	0.00	AMH	Upstream Manhole, Survey Begins / MH 5-160	
	90.90	TFA	Tap Factory Made Active, at 12 o'clock, 6", within 8 inches of joint: NO	
	156.80	IR	Infiltration Runner, from 09 to 12 o'clock, within 8 inches of joint: YES / IR	41_42_332_A.JPG
	219.80	AMH	Downstream Manhole, Survey Ends / MH 5-153	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4100	0	4	4	0	4	4

Inspection photos / Inspection: 1City :
Trumbull, CTStreet :
Woolsley AveDate :
10/6/2011

Pipe Segment Reference :

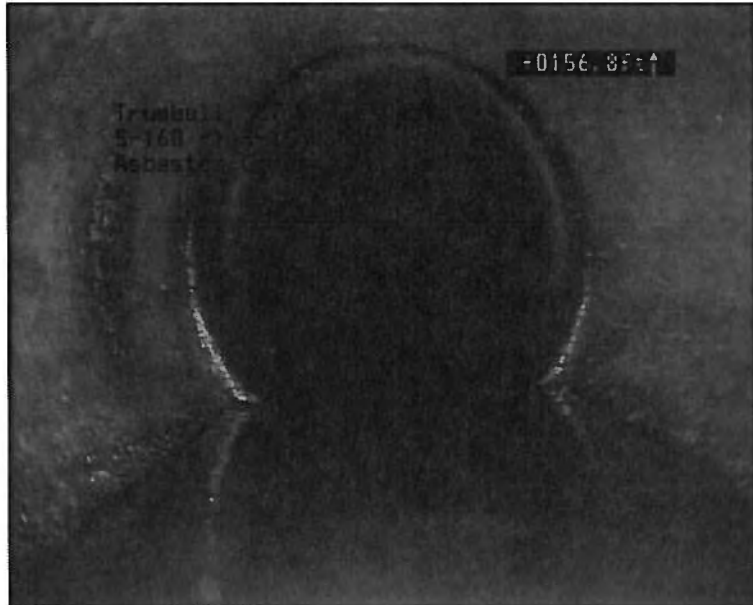
Section No :
170

Photo: 41_42_332_A.JPG, VCR No.: Tape 1
156.8FT, Infiltration Runner, from 09 to 12 o'clock, within 8 inches of
joint: YES



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Inspection Report / Inspection: 1

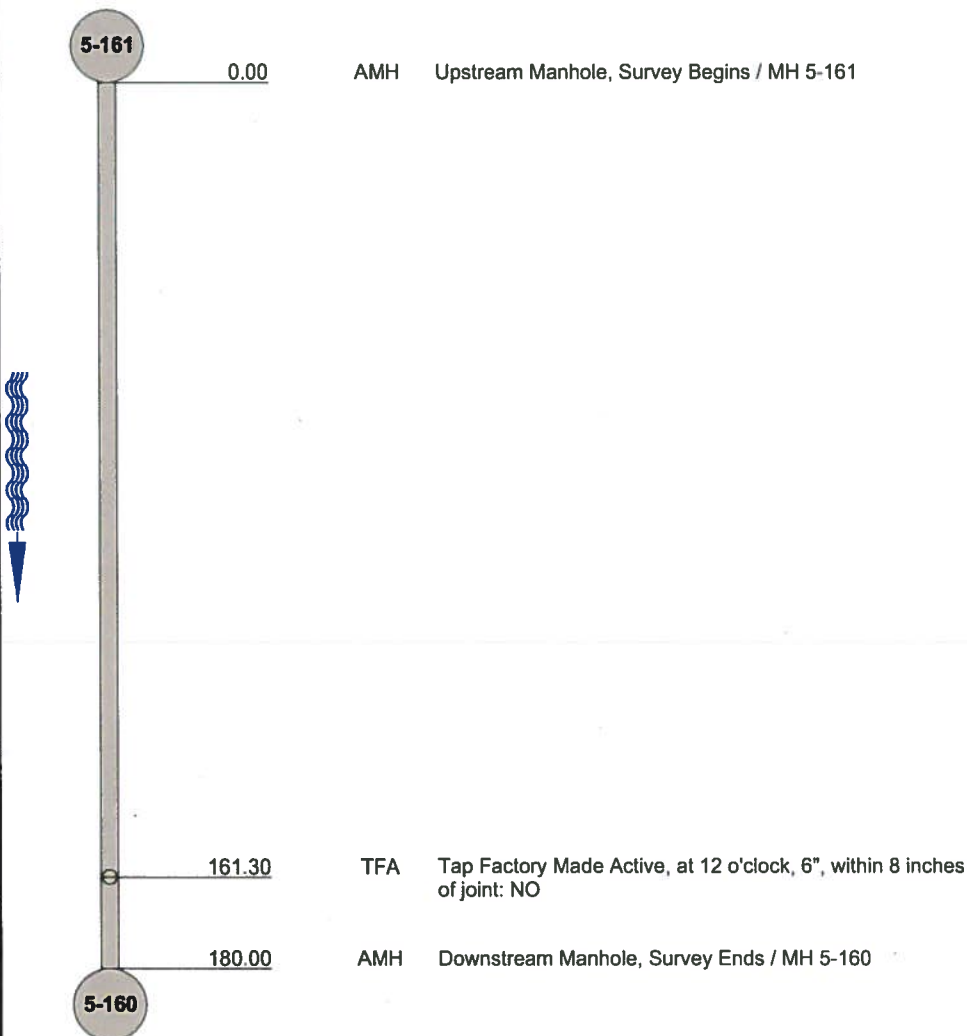
Date 10/6/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 171
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/6/2011	Pre-Cleaning Jetting	Sewer Category

Street Woolsley Ave	Use of Sewer Sanitary	Upstream MH 5-161
City Trumbull, CT	Drainage Area	Downstream MH 5-160
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 180.00 ft	Section Length 180.00 ft

Purpose of Survey Routine Assessment	Joint Length 3.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Tape 1	Lining Method Other

Add. Information :

1:450 Position Code Observation Photo



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	0000	0	0	0	0	0	0



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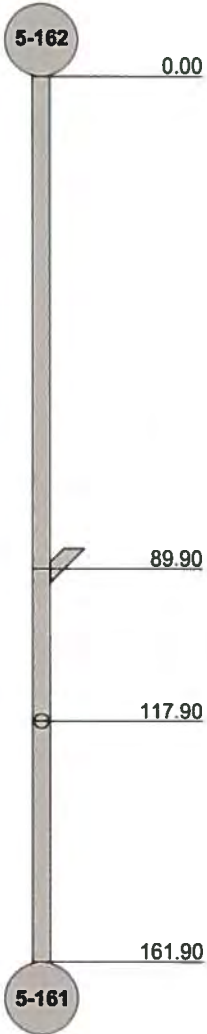
Inspection Report / Inspection: 1

Date 10/6/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 172
Certificate No. 789456	Survey Customer Hadiyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/6/2011	Pre-Cleaning Jetting	Sewer Category

Street Woolisley Ave	Use of Sewer Sanitary	Upstream MH 5-162
City Trumbull, CT	Drainage Area	Downstream MH 5-161
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 161.90 ft	Section Length 161.90 ft

Purpose of Survey Routine Assessment	Joint Length 3.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Tape 1	Lining Method Other

Add. Information :

1:405	Position	Code	Observation	Photo			
	0.00	AMH	Upstream Manhole, Survey Begins / MH 5-162				
	89.90	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO / Y				
	117.90	TFA	Tap Factory Made Active, at 12 o'clock, 6", within 8 inches of joint: NO				
	161.90	AMH	Downstream Manhole, Survey Ends / MH 5-161				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	0000	0	0	0	0	0	0

Trumbull, CT CCTV Inspection



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Inspection Report / Inspection: 1

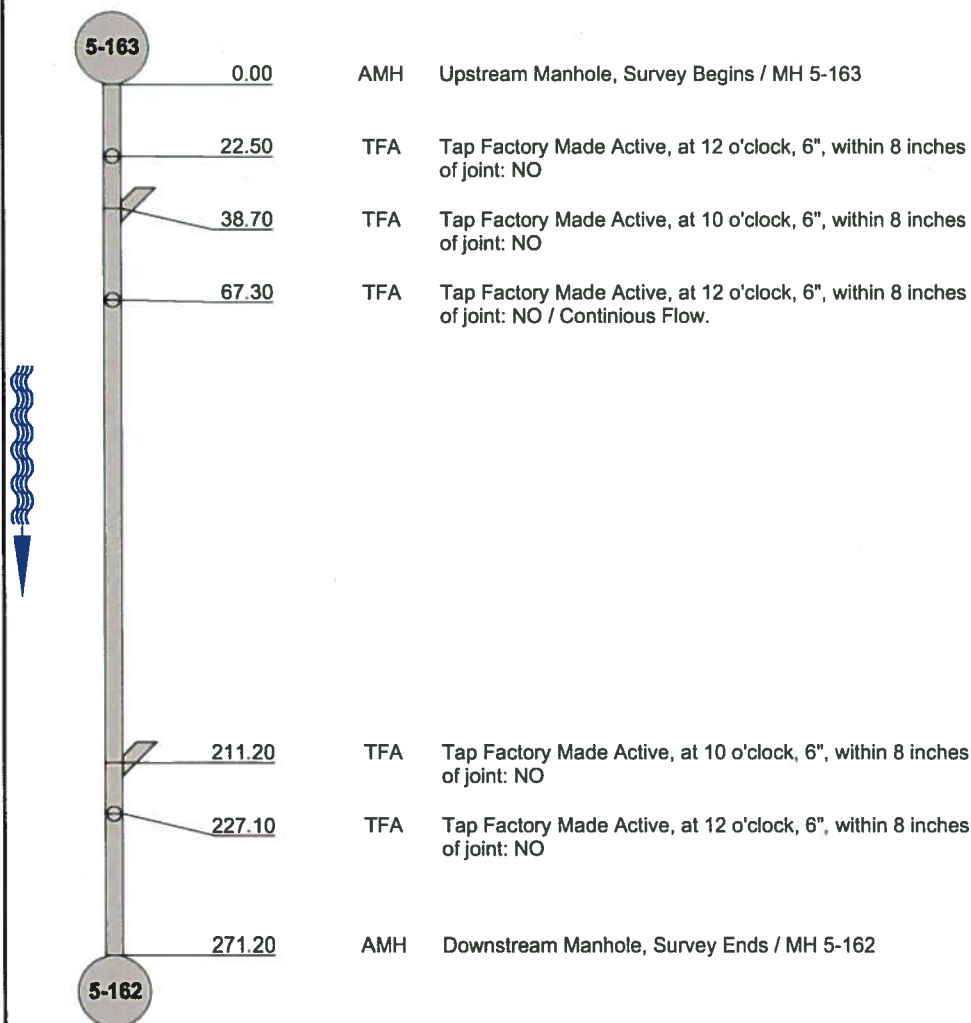
Date 10/6/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 173
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/6/2011	Pre-Cleaning Jetting	Sewer Category

Street Woolsley Ave	Use of Sewer Sanitary	Upstream MH 5-163
City Trumbull, CT	Drainage Area	Downstream MH 5-162
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 271.20 ft	Section Length 271.20 ft

Purpose of Survey Routine Assessment	Joint Length 3.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Tape 1	Lining Method Other

Add. Information :

1:690 Position Code Observation Photo



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	0000	0	0	0	0	0	0



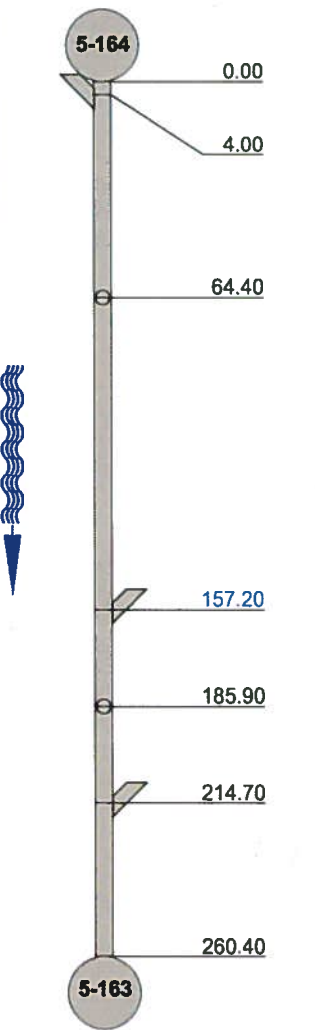
Green Mountain Pipeline Services, Inc.
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Inspection Report / Inspection: 1

Date 10/6/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 174
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/6/2011	Pre-Cleaning Jetting	Sewer Category

Street Woolsley Ave	Use of Sewer Sanitary	Upstream MH 5-164
City Trumbull, CT	Drainage Area	Downstream MH 5-163
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 260.40 ft	Section Length 260.40 ft
Purpose of Survey Routine Assessment	Joint Length 3.00 ft	
Year Laid	Dia./Height 8 inch	
Year Rehabilitated	Material Asbestos Cement	
Tape / Media No. Tape 1	Lining Method Other	

Add. Information :

1:660	Position	Code	Observation	Photo			
	0.00	AMH	Upstream Manhole, Survey Begins / MH 5-164				
	4.00	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO				
	64.40	TFA	Tap Factory Made Active, at 12 o'clock, 6", within 8 inches of joint: NO				
	157.20	TFD	Tap Factory Made Defective, at 10 o'clock, 6", within 8 inches of joint: NO / DAE				
	185.90	TF	Tap Factory Made, at 12 o'clock, 6", within 8 inches of joint: NO / Possibly Capped.				
	214.70	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO				
	260.40	AMH	Downstream Manhole, Survey Ends / MH 5-163				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	2100	0	2	2	0	2	2



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Inspection Report / Inspection: 1

Date 10/6/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 175
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/6/2011	Pre-Cleaning Jetting	Sewer Category

Street Woolsley Ave	Use of Sewer Sanitary	Upstream MH 5-165
City Trumbull, CT	Drainage Area	Downstream MH 5-164
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 269.20 ft	Section Length 269.20 ft

Purpose of Survey Routine Assessment	Joint Length 3.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Tape 1	Lining Method Other

Add. Information :

1:675	Position	Code	Observation	Photo
	0.00	AMH	Upstream Manhole, Survey Begins / MH 5-165	
	26.40	TFC	Tap Factory Made Capped, at 10 o'clock, 6", within 8 inches of joint: NO	
	42.40	TFA	Tap Factory Made Active, at 12 o'clock, 6", within 8 inches of joint: NO	
	84.30	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO	
	100.30	TFC	Tap Factory Made Capped, at 12 o'clock, 6", within 8 inches of joint: NO	
	167.60	TFA	Tap Factory Made Active, at 12 o'clock, 6", within 8 inches of joint: NO	
	209.30	TFA	Tap Factory Made Active, at 12 o'clock, 6", within 8 inches of joint: NO	
	212.40	TFA	Tap Factory Made Active, at 12 o'clock, 6", within 8 inches of joint: NO	
	269.20	AMH	Downstream Manhole, Survey Ends / MH 5-164	
	5-164			

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	0000	0	0	0	0	0	0



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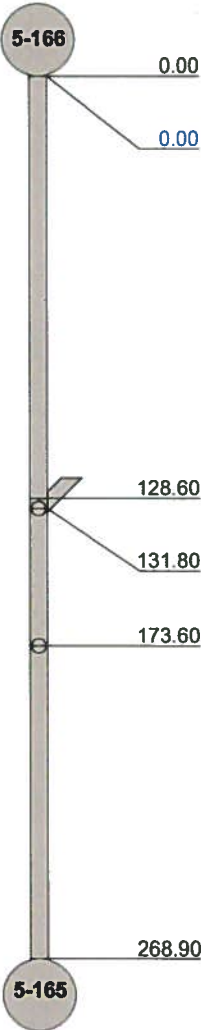
Inspection Report / Inspection: 1

Date 10/6/2011	P.O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 176
Certificate No. 789456	Survey Customer Hadiyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/6/2011	Pre-Cleaning Jetting	Sewer Category

Street Woolsley Ave	Use of Sewer Sanitary	Upstream MH 5-166
City Trumbull, CT	Drainage Area	Downstream MH 5-165
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 268.90 ft	Section Length 268.90 ft

Purpose of Survey Routine Assessment	Joint Length 3.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Tape 1	Lining Method Other

Add. Information :

1:675	Position	Code	Observation	Photo			
	0.00	AMH	Upstream Manhole, Survey Begins / MH 5-166				
	0.00	MWL	Water Level, 5 % of Cross Sectional Area				
	128.60	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO				
	131.80	TFA	Tap Factory Made Active, at 12 o'clock, 6", within 8 inches of joint: NO				
	173.60	TFA	Tap Factory Made Active, at 12 o'clock, 6", within 8 inches of joint: NO				
	268.90	AMH	Downstream Manhole, Survey Ends / MH 5-165				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	2100	0	2	2	0	2	2



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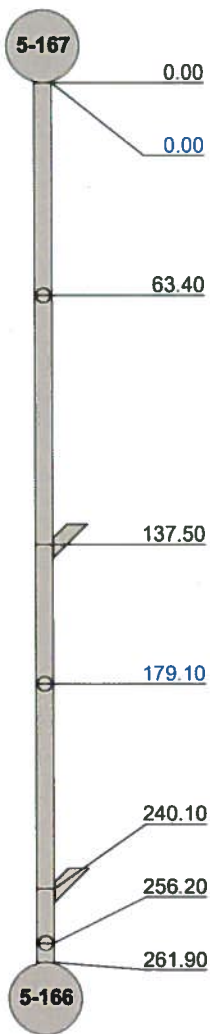
Inspection Report / Inspection: 1

Date 10/6/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 177
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/6/2011	Pre-Cleaning Jetting	Sewer Category

Street Woolsley Ave	Use of Sewer Sanitary	Upstream MH 5-167
City Trumbull, CT	Drainage Area	Downstream MH 5-166
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 261.90 ft	Section Length 261.90 ft

Purpose of Survey Routine Assessment	Joint Length 3.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Tape 1	Lining Method Other

Add. Information :

1:660	Position	Code	Observation	Photo
	0.00	AMH	Upstream Manhole, Survey Begins / MH 5-167	
	0.00	MWL	Water Level, 5 % of Cross Sectional Area	
	63.40	TFC	Tap Factory Made Capped, at 12 o'clock, 6", within 8 inches of joint: NO	
	137.50	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO	
	179.10	TFD	Tap Factory Made Defective, at 12 o'clock, 6", within 8 inches of joint: NO / IR	
	240.10	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO	
	256.20	TFA	Tap Factory Made Active, at 12 o'clock, 6", within 8 inches of joint: NO	
	261.90	AMH	Downstream Manhole, Survey Ends / MH 5-166	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	2200	0	4	4	0	2	2



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Inspection Report / Inspection: 1

Date 10/6/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 178
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/6/2011	Pre-Cleaning Jetting	Sewer Category

Street Woolsley Ave	Use of Sewer Sanitary	Upstream MH 5-168
City Trumbull, CT	Drainage Area	Downstream MH 5-167
Loc. details	Flow Control Not Controlled	Dir. of Survey Upstream
Location Code Light Highway	Length surveyed 280.50 ft	Section Length 280.50 ft

Purpose of Survey Routine Assessment	Joint Length 3.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Tape 1	Lining Method Other

Add. Information :

1:705	Position	Code	Observation	Photo
	5-167			
	0.00	AMH	Downstream Manhole, Survey Begins / MH 5-167	
	3.20	MWL	Water Level, 5 % of Cross Sectional Area	
	43.40	TFA	Tap Factory Made Active, at 12 o'clock, 6", within 8 inches of joint: NO	
	123.50	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO	
	127.00	TFA	Tap Factory Made Active, at 11 o'clock, 6", within 8 inches of joint: NO	
	168.90	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO	
	235.80	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO	
	277.50	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO	
280.50	AMH	Upstream Manhole, Survey Ends / MH 5-168		
5-168				

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	2100	0	2	2	0	2	2

APPENDIX D
Area B Manhole Inspection Reports

WRIGHT-PIERCE
MANHOLE INSPECTION REPORT

Project Name: _____
Subsystem Name/No. 5

Manhole ID No. 5-98

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

*Note: See Reverse Side of Form
for Standard Photos Required*

PROJECT LOCATION: Trumbull, CT PROJECT NO.: 120510
DATE: 8/31/2011 WEATHER: Sunny TIME: 10:43AM INSPECTOR: EAL/NLO

LOCATION DATA:
STREET: Lawrence Road (Address # & Street or Closest Intersection)
BURIED: Yes/No (No) PAVED AREA: Yes/No (No) SHEETING: Yes/No (No) PONDING: Yes/No (No) Depth in.
DRAINAGE AREA: Sq.ft.

MANHOLE DATA:

COVER CONDITION: (Circle One) 1 (2) 3 4 5
COVER TYPE: None (Solid) Vented/Slotted
Concealed Pick Holes Bolted Locked
Gasketed-Yes/No (No) to prevent inflow
Inner Cover-Yes/No (No) (not inflow dish)

COVER DIAMETER: 18" 24" 26" 30"
NO. OF COVER HOLES: 0
SIZE OF COVER HOLES:
AT ABOVE/BELOW GRADE? in.

SURCHARGED AT INSPECTION? Y/N Height in.
EVIDENCE OF SURCHARGE? Y/N Height in.

CONDITION OF RIM: (Circle One) 1 (2) 3 4 5
FRAME CONDITION: (Circle One) 1 (2) 3 4 5

RISER CONDITION: (Circle One) 1 2 (3) 4 5

EVIDENCE OF INFLOW? Y/N (Y)
RISERS ARE: (BRICK) BLOCK PRECAST

MANHOLE DIAMETER 2FT 3FT 4FT OTHER:

MANHOLE IS: BRICK BLOCK PRECAST OTHER:

DEPTH OF MANHOLE: 15.17 FT (Rim to Invert)

EVIDENCE OF INFLOW Y/N (Y)
CONDITION OF WALLS: (Circle One) 1 (2) 3 4 5

EVIDENCE OF INFILTRATION Y/N (Y)
CONDITION OF STEPS: (Circle One) 1 (2) 3 4 5
NUMBER OF SECTIONS: 2 3 (4)

CONDITION OF INVERTS: (Circle One) 1 (2) 3 4 5

EVIDENCE OF INFILTRATION Y/N (Y)

CONDITION OF TABLE: (Circle One) 1 (2) 3 4 5

EVIDENCE OF INFILTRATION Y/N (Y)
GROUNDWATER LEVEL ft (above invert)

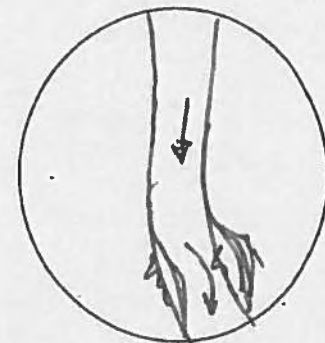
DEFECTS/LEAKAGE POINTS: (Note hole/crack size if any, length/width)

COVER: Y/N (Y) Est. I/I JOINTS: Y/N (Y) Est. I/I
FRAME: Y/N (Y) Est. I/I INVERTS: Y/N (Y) Est. I/I
WALLS: Y/N (Y) Est. I/I TABLES: Y/N (Y) Est. I/I 1-2 gpm

TOTAL ESTIMATED I/I (GPM): 1-2 gpm

CORROSION PROBLEMS? Y/N (Y)

COMMENTS (REQUIRED): lots of flow



PLAN



SECTION

Overall MH Condition
Rating (1-5)

3

WRIGHT-PIERCE
MANHOLE INSPECTION REPORT

Project Name: _____
Subsystem Name/No. 5

Manhole ID No. 5-23

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

*Note: See Reverse Side of Form
for Standard Photos Required*

PROJECT LOCATION: Trombull, CT PROJECT NO.: 12051D
DATE: 8/30/2011 WEATHER: Sunny TIME: 2:07 INSPECTOR: MD/ERL
LOCATION DATA: _____
STREET: Reservoir Ave (Address # & Street or Closest Intersection)
BURIED: Yes ☒ No ☐ PAVED AREA: Yes ☒ No ☐ SHEETING: Yes ☒ No ☐ PONDING: Yes ☒ No ☐ Depth in.
DRAINAGE AREA: _____ Sq. ft.

MANHOLE DATA:

COVER CONDITION: (Circle One) 1 2 3 4 5
COVER TYPE: None ☒ Solid ☐ Vented/Slotted
Concealed Pick Holes Bolted Locked
Gasketed-Yes ☒ No ☐ (to prevent inflow)
Inner Cover-Yes ☒ No ☐ (not inflow dish)
18" 24" 30" 30"

COVER DIAMETER: _____

NO. OF COVER HOLES: 6

SIZE OF COVER HOLES: _____

1.5 ABOVE/BELOW GRADE? 1.5 in.

SURCHARGED AT INSPECTION? Y ☒ N ☐ Height in.

EVIDENCE OF SURCHARGE? Y ☒ N ☐ Height in.

CONDITION OF RIM: (Circle One) 1 2 3 4 5

FRAME CONDITION: (Circle One) 1 2 3 4 5

RISER CONDITION: (Circle One) 1 2 3 4 5 buildup of dirt

EVIDENCE OF INFLOW? Y ☒ N ☐

RISERS ARE: BRICK BLOCK PRECAST

MANHOLE DIAMETER 2FT 3FT 4FT OTHER: _____

MANHOLE IS: BRICK BLOCK PRECAST OTHER: _____

DEPTH OF MANHOLE: 4.58 FT (Rim to Invert)

EVIDENCE OF INFLOW Y ☒ N ☐

CONDITION OF WALLS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y ☒ N ☐

CONDITION OF STEPS: (Circle One) 1 2 3 4 5

NUMBER OF SECTIONS: 2 3 4

CONDITION OF INVERTS: (Circle One) 1 2 3 4 5 Filled up w/ straw

EVIDENCE OF INFILTRATION Y ☒ N ☐

CONDITION OF TABLE: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y ☒ N ☐

GROUNDWATER LEVEL ft (above invert)

DEFECTS/LEAKAGE POINTS: (Note hole/crack size if any, length/width)

COVER: Y ☒ N ☐ Est. I/I JOINTS: Y ☒ N ☐ Est. I/I

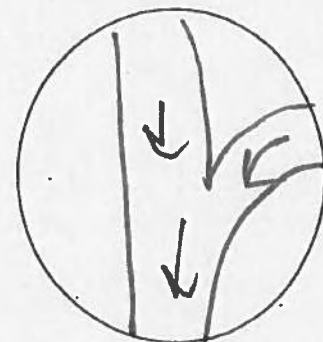
FRAME: Y ☒ N ☐ Est. I/I INVERTS: Y ☒ N ☐ Est. I/I

WALLS: Y ☒ N ☐ Est. I/I TABLES: Y ☒ N ☐ Est. I/I 0-1 gpm

TOTAL ESTIMATED I/I (GPM): 0-1 gpm

CORROSION PROBLEMS? Y ☒ N ☐

COMMENTS (REQUIRED): seepage along table



PLAN



SECTION

Overall MH Condition
Rating (1-5)

2

WRIGHT-PIERCE
MANHOLE INSPECTION REPORT

Project Name: _____
Subsystem Name/No. 5

Manhole ID No. 5-11

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

*Note: See Reverse Side of Form
for Standard Photos Required*

PROJECT LOCATION: Trumbull, CT PROJECT NO.: 120510
DATE: 8/30/2011 WEATHER: Sunny TIME: 9:22 AM INSPECTOR: ERL/ULO
LOCATION DATA: _____
STREET: Reservoir Ave ROW (Address # & Street or Closest Intersection)
BURIED: Yes/No No PAVED AREA: Yes/No No SHEETING: Yes/No No PONDING: Yes/No No Depth in.
DRAINAGE AREA: _____ Sq.ft.

MANHOLE DATA:

COVER CONDITION:

COVER TYPE:

(Circle One) ① 2 3 4 5
None Solid Vented/Slotted
Concealed Pick Holes Bolted Locked
Gasketed-Yes/No No (to prevent inflow)
Inner Cover-Yes/No No (not inflow dish)

COVER DIAMETER:

NO. OF COVER HOLES:

SIZE OF COVER HOLES:

AT/ABOVE/BELOW GRADE? _____ in.

SURCHARGED AT INSPECTION? Y/N N

EVIDENCE OF SURCHARGE? Y/N N

CONDITION OF RIM: (Circle One) ① 2 3 4 5

FRAME CONDITION: (Circle One) 1 ② 3 4 5

RISER CONDITION: (Circle One) 1 ② 3 4 5

EVIDENCE OF INFLOW? Y/N False

RISERS ARE: BRICK BLOCK PRECAST

MANHOLE DIAMETER 2FT 3FT 4FT OTHER: _____

MANHOLE IS: BRICK BLOCK PRECAST OTHER: _____

DEPTH OF MANHOLE: 8.33 FT (Rim to Invert)

EVIDENCE OF INFLOW Y/N

CONDITION OF WALLS: (Circle One) ① 2 3 4 5

EVIDENCE OF INFILTRATION Y/N N

CONDITION OF STEPS: (Circle One) ① 2 3 4 5

NUMBER OF SECTIONS: 2 ③ 4

CONDITION OF INVERTS: (Circle One) ① 2 3 4 5

EVIDENCE OF INFILTRATION Y/N N

CONDITION OF TABLE: (Circle One) ① 2 3 4 5

EVIDENCE OF INFILTRATION Y/N N

GROUNDWATER LEVEL _____ ft (above invert)

DEFECTS/LEAKAGE POINTS: (Note hole/crack size if any, length/width)

COVER: Y/N N Est. I/I _____

FRAME: Y/N N Est. I/I _____

WALLS: Y/N N Est. I/I _____

JOINTS: Y/N N Est. I/I _____

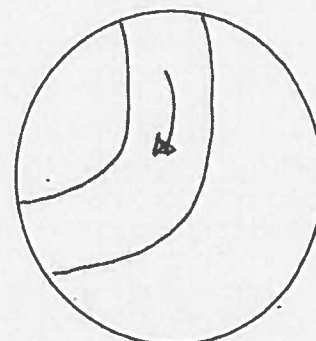
INVERTS: Y/N N Est. I/I _____

TABLES: Y/N N Est. I/I _____

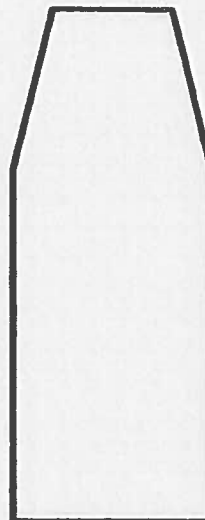
TOTAL ESTIMATED I/I (GPM): <1 gpm

CORROSION PROBLEMS? Y/N N

COMMENTS (REQUIRED): _____



PLAN



SECTION

Overall MH Condition
Rating (1-5)



WRIGHT-PIERCE
MANHOLE INSPECTION REPORT

Project Name: _____
Subsystem Name/No. 5

Manhole ID No. 5-20

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

*Note: See Reverse Side of Form
for Standard Photos Required*

PROJECT LOCATION: Tombully CI PROJECT NO.: 12051D
DATE: 8/30/2011 WEATHER: Sunny TIME: 9:15 AM INSPECTOR: NLO/EAL

LOCATION DATA:
STREET off Reservoir Ave Row (Address # & Street or Closest Intersection)
BURIED: Yes/No PAVED AREA: Yes/No SHEETING: Yes/No PONDING: Yes/No Depth in.
DRAINAGE AREA: Sq.ft.

MANHOLE DATA:

COVER CONDITION: (Circle One) 1 2 3 4 5
COVER TYPE: None Solid Vented/Slotted
Concealed Pick Holes Bolted Locked
Gasketed-Yes/No (to prevent inflow)
Inner Cover-Yes/No (not inflow dish)
COVER DIAMETER: 18" 24" 30"

NO. OF COVER HOLES: _____

SIZE OF COVER HOLES: _____

AT/ABOVE/BELOW GRADE? _____ in.

SURCHARGED AT INSPECTION? Y/N Height in.

EVIDENCE OF SURCHARGE? Y/N Height in.

CONDITION OF RIM: (Circle One) 1 2 3 4 5

FRAME CONDITION: (Circle One) 1 2 3 4 5

RISER CONDITION: (Circle One) 1 2 3 4 5

EVIDENCE OF INFLOW? Y/N

RISERS ARE: BRICK BLOCK PRECAST

MANHOLE DIAMETER 2FT 3FT 4FT OTHER: _____

MANHOLE IS: BRICK BLOCK PRECAST OTHER: _____

DEPTH OF MANHOLE: _____ FT (Rim to Invert)

EVIDENCE OF INFLOW Y/N

CONDITION OF WALLS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N

CONDITION OF STEPS: (Circle One) 1 2 3 4 5

NUMBER OF SECTIONS: 2 3 4

CONDITION OF INVERTS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N

CONDITION OF TABLE: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N

GROUNDWATER LEVEL _____ ft (above invert)

DEFECTS/LEAKAGE POINTS: (Note hole/crack size if any, length/width)

COVER: Y/N Est. I/I _____ JOINTS: Y/N Est. I/I _____

FRAME: Y/N Est. I/I _____ INVERTS: Y/N Est. I/I _____

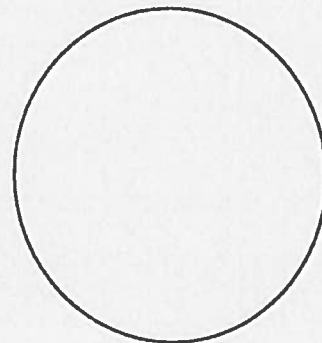
WALLS: Y/N Est. I/I _____ TABLES: Y/N Est. I/I _____

TOTAL ESTIMATED I/I (GPM): _____

CORROSION PROBLEMS? Y/N

COMMENTS (REQUIRED): • Could not locate MH

SECTION



PLAN



Overall MH Condition
Rating (1-5)

WRIGHT-PIERCE
MANHOLE INSPECTION REPORT

Project Name: _____
Subsystem Name/No. 5

Manhole ID No. 5-31

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

*Note: See Reverse Side of Form
for Standard Photos Required*

PROJECT LOCATION: Trumbull, CT PROJECT NO.: 120510
DATE: 7/25/11 WEATHER: Cloudy TIME: _____ INSPECTOR: JDM

LOCATION DATA:
STREET Reservoir Interceptor (Address # & Street or Closest Intersection)
BURIED: Yes/No No PAVED AREA: Yes/No No SHEETING: Yes/No _____ PONDING: Yes/No _____ Depth in.
DRAINAGE AREA: _____ Sq.ft.

MANHOLE DATA:

COVER CONDITION: (Circle One) 1 2 3 4 5
COVER TYPE: None Solid Vented/Slotted
Concealed Pick Holes Bolted Locked
Gasketed-Yes/No (to prevent inflow)
Inner Cover-Yes/No (not inflow dish)

COVER DIAMETER: 18" 24" 26" 30"

NO. OF COVER HOLES: 0

SIZE OF COVER HOLES: _____

AT/ABOVE/BELOW GRADE? _____ in.

SURCHARGED AT INSPECTION? Y/N _____ Height _____ in.

EVIDENCE OF SURCHARGE? Y/N _____ Height _____ in.

CONDITION OF RIM: (Circle One) 1 2 3 4 5

FRAME CONDITION: (Circle One) 1 2 3 4 5

RISER CONDITION: (Circle One) 1 2 3 4 5

EVIDENCE OF INFLOW? Y/N _____

RISERS ARE: BRICK BLOCK PRECAST

MANHOLE DIAMETER 2FT 3FT 4FT OTHER: _____

MANHOLE IS: BRICK BLOCK PRECAST OTHER: _____

DEPTH OF MANHOLE: 7.58 FT (Rim to Invert)

EVIDENCE OF INFLOW Y/N _____

CONDITION OF WALLS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N _____

CONDITION OF STEPS: (Circle One) 1 2 3 4 5 N/A

NUMBER OF SECTIONS: 2 3 4

CONDITION OF INVERTS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N _____

CONDITION OF TABLE: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N _____

GROUNDWATER LEVEL _____ ft (above invert)

DEFECTS/LEAKAGE POINTS: (Note hole/crack size if any, length/width)

COVER: Y/N Est. I/I _____ JOINTS: Y/N Est. I/I _____

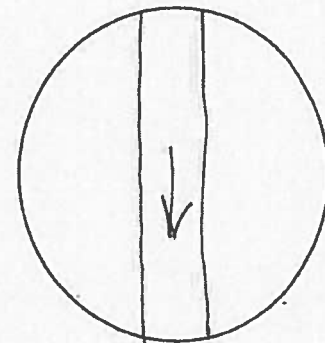
FRAME: Y/N Est. I/I _____ INVERTS: Y/N Est. I/I _____

WALLS: Y/N Est. I/I .5 TABLES: Y/N Est. I/I .5

TOTAL ESTIMATED I/I (GPM): 1

CORROSION PROBLEMS? Y/N _____

COMMENTS (REQUIRED): EVIDENCE OF LEAKING WALLS



PLAN



Overall MH Condition
Rating (1-5)

3

SECTION

WRIGHT-PIERCE
MANHOLE INSPECTION REPORT

Project Name: _____
Subsystem Name/No. 5

Manhole ID No. 5-89

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

*Note: See Reverse Side of Form
for Standard Photos Required*

PROJECT LOCATION:

DATE: 8/31/2011

WEATHER: Sunny

TIME: 9:56 AM

PROJECT NO.: 12051 D

INSPECTOR: ERL/MLC

LOCATION DATA:

STREET

Sunnycast

(Address # & Street or Closest Intersection)

BURIED: Yes/No No

PAVED AREA: Yes/No No

SHEETING: Yes/No No

PONDING: Yes/No No

Depth in.

DRAINAGE AREA: _____ Sq.ft.

MANHOLE DATA:

COVER CONDITION:

COVER TYPE:

(Circle One) 1 2 3 4 5

None

Solid

Vented/Slotted

Concealed Pick Holes

Bolted

Locked

Gasketed-Yes/No No (to prevent inflow)

Inner Cover-Yes/No No (not inflow dish)

18" 24" 26" 30"

COVER DIAMETER:

NO. OF COVER HOLES: 0

SIZE OF COVER HOLES: _____

AT/ABOVE/BELOW GRADE? _____ in.

SURCHARGED AT INSPECTION? Y/N N

Height _____ in.

EVIDENCE OF SURCHARGE? Y/N N

Height _____ in.

CONDITION OF RIM: (Circle One) 1 2 3 4 5

FRAME CONDITION: (Circle One) 1 2 3 4 5

RISER CONDITION: (Circle One) 1 2 3 4 5

EVIDENCE OF INFLOW? Y/N N

RISERS ARE:

BRICK

BLOCK

PRECAST

MANHOLE DIAMETER

2FT

3FT

4FT

OTHER: _____

MANHOLE IS: BRICK

BLOCK

PRECAST

OTHER: _____

DEPTH OF MANHOLE: _____

FT (Rim to Invert)

EVIDENCE OF INFLOW Y/N N

CONDITION OF WALLS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N N

CONDITION OF STEPS: (Circle One) 1 2 3 4 5

NUMBER OF SECTIONS: 2 3 4

CONDITION OF INVERTS: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N N

CONDITION OF TABLE: (Circle One) 1 2 3 4 5

EVIDENCE OF INFILTRATION Y/N N

GROUNDWATER LEVEL _____

ft (above invert)

DEFECTS/LEAKAGE POINTS:

(Note hole/crack size if any, length/width)

COVER: Y/N N Est. I/I _____

JOINTS: Y/N N Est. I/I _____

FRAME: Y/N N Est. I/I _____

INVERTS: Y/N N Est. I/I _____

WALLS: Y/N N Est. I/I 0-1

TABLES: Y/N N Est. I/I 0-1

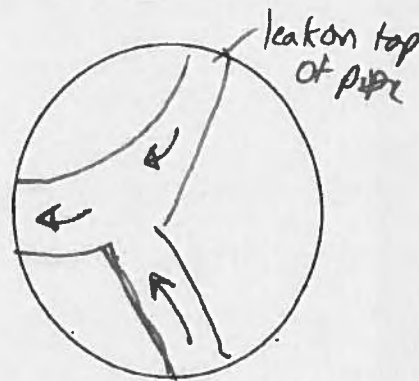
TOTAL ESTIMATED I/I (GPM): 2

CORROSION PROBLEMS? Y/N N

COMMENTS (REQUIRED):

infiltration coming through lift hole
= top of manhole pipe

SECTION



PLAN



Overall MH Condition
Rating (1-5)

2

**WRIGHT-PIERCE
MANHOLE INSPECTION REPORT**

Project Name: _____
Subsystem Name/No. 5

Manhole ID No. 5-97

Rating System (NASSCO)

- 1 = Excellent - No defects or minor defects present
- 2 = Good - Minor defects present but have not started to deteriorate
- 3 = Fair - Moderate defects present that will continue to deteriorate
- 4 = Poor - Severe defects that will become grade 5 in near future
- 5 = Immediate Attention Required - Defects present that require immediate attention

*Note: See Reverse Side of Form
for Standard Photos Required*

PROJECT LOCATION: Trumbull, CT PROJECT NO.: 120510
DATE: 8/31/2011 WEATHER: Sunny TIME: 10:48 AM INSPECTOR: NLO/ERL

LOCATION DATA:
STREET: Sunnycrest (Address # & Street or Closest Intersection)
BURIED: Yes/No No PAVED AREA: Yes/No No SHEETING: Yes/No No PONDING: Yes/No No Depth in.
DRAINAGE AREA: Sq.ft.

MANHOLE DATA:

COVER CONDITION: (Circle One) 1 2 3 4 5
COVER TYPE: None Solid Vented/Slotted
Concealed Pick Holes Bolted Locked
Gasketed-Yes/No (to prevent inflow) No
Inner Cover-Yes/No (not inflow dish) No
18" 24" 26" 30"

COVER DIAMETER: _____
NO. OF COVER HOLES: 0
SIZE OF COVER HOLES: _____
AT/ABOVE/BELOW GRADE? _____ in.

SURCHARGED AT INSPECTION? Y/N N Height _____ in.
EVIDENCE OF SURCHARGE? Y/N N Height _____ in.
CONDITION OF RIM: (Circle One) 1 2 3 4 5
FRAME CONDITION: (Circle One) 1 2 3 4 5

RISER CONDITION: (Circle One) 1 2 3 4 5
EVIDENCE OF INFLOW? Y/N N
RISERS ARE: BRICK BLOCK PRECAST

MANHOLE DIAMETER 2FT 3FT 4FT OTHER: _____

MANHOLE IS: BRICK BLOCK PRECAST OTHER: _____
DEPTH OF MANHOLE: 9.17 FT (Rim to Invert)

EVIDENCE OF INFLOW Y/N N
CONDITION OF WALLS: (Circle One) 1 2 3 4 5
EVIDENCE OF INFILTRATION Y/N N
CONDITION OF STEPS: (Circle One) 1 2 3 4 5
NUMBER OF SECTIONS: 2

CONDITION OF INVERTS: (Circle One) 1 2 3 4 5
EVIDENCE OF INFILTRATION Y/N N
CONDITION OF TABLE: (Circle One) 1 2 3 4 5
EVIDENCE OF INFILTRATION Y/N N
GROUNDWATER LEVEL _____ ft (above invert)

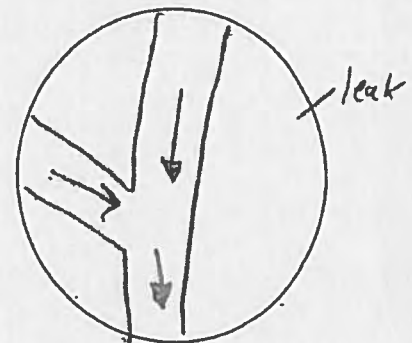
DEFECTS/LEAKAGE POINTS: (Note hole/crack size if any, length/width)

COVER: Y/N N Est. I/I _____ JOINTS: Y/N N Est. I/I 0-1
FRAME: Y/N N Est. I/I _____ INVERTS: Y/N N Est. I/I _____
WALLS: Y/N N Est. I/I 3-5 gpm TABLES: Y/N N Est. I/I _____

TOTAL ESTIMATED I/I (GPM): 6 gpm

CORROSION PROBLEMS? actively leaking

COMMENTS (REQUIRED): hole in wall (3-5 gpm) → ~1/4" hole SECTION
a bottom joint is actively seeping all the way around joint



PLAN



Overall MH Condition
Rating (1-5)

4

Sheet No. 133 Surveyor's name JDM Certificate Number U-212-14669 Date 2012/07/20
 System Owner TOWN OF TRUMBULL Survey Customer Time 11:05
 Drainage Area 16 Location (No. & Name) 19 ALLEN DR
 P.O. No. Locality/City Name TRUMBULL CT
 Further Location Details Inspection Level Level 2
 Outgoing Rim to Invert 9.4 ft. Outgoing Grade to Invert 9.4 ft. Rim to Grade 0.0 ft.
 Use of Sewer Sanitary Year Laid Year Rehabilitated Tape/Media Number
 Purpose Infiltration and Inflow investigation Sewer Category
 Pre-Cleaning No Pre-Cleaning Date Cleaned Weather
 Location Code Light Highway Potential for Runoff Evidence of Surcharge No
 Access Point Type Manhole Coordinate System
 Northing Easting Elevation Accuracy of GPS
 Inspection Status Surface Inspection
 Additional Information

Manhole Surface Types

Concrete Pavement ☒Concrete Collar ☐Asphalt ☐Grass/Dirt ☐Gravel ☐Other ☐**Cover**

Cover Shape: Circular

Cover Size: 26.0 in.

Cover Size Width:

Cover Material: Cast Iron

Vent Hole Diameter:

Cover Bearing Surface Diameter: 26.0 in.

Cover Bearing Surface Diameter Width:

Cover Frame Fit: Good

of Vent Holes:

Cover Type



Solid



Bolted



Vented/Slots



Locking



Gasketed



Inner Cover



Hatch Single



Lamphole



Hatch Double

Cover Condition



Sound



Missing



Cracked



Corroded/Pitted



Broken



Bolts Missing



Restraint Missing



Restraint Defective

Cover Insert

Cover Insert Type: None

Cover Insert Condition



Sound



Leaking



Poorly Fitting



Corroded



Cracked/Torn/Holes



Insert Fell



PipeLogix Inc.
 Phone: 866-299-3150
 Fax: 760-406-6023

Sheet No. 133

Survey Date 2012/07/20

P.O. No.

Location (No. & Name) 19 ALLEN DR

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Adjustment Ring

MH Adjustment Ring Type: None

MH Adjustment Ring Material:

MH Adjustment Ring Height:

MH Adjustment Ring

- | | |
|----------------------------------|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Poor Installation |

Frame

Frame Material: Cast Iron

Frame Bearing Surface Width: 1.0 in.

Frame Bearing Surface Depth: 2.0 in.

Frame Clear Opening Diameter: 24.0 in.

Frame Condition

- | | |
|---|---|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Coated |

Frame Offset Distance: 0 in.

Frame Depth:

Frame Seal Inflow:

Frame Seal Condition

- | | |
|---|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Loose/Not Attached |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Offset |
| <input checked="" type="checkbox"/> Missing | |

Chimney

Chimney Material 1: Brick

Chimney Material 2: Concrete

Chimney Clear Opening:

Chimney Depth: 1.8 ft.

Interior Chimney Coating/Liner:

Exterior Chimney Coating/Liner:

Chimney I/I:

Cone

Cone Type: Flattop

Exterior Cone Coating/Liner:

Interior Cone Coating/Liner:

Cone Depth: 0.0 ft.

Cone Material: Concrete

Wall

Wall Diameter 1:

Wall Diameter 2:

Wall Material: Concrete

Wall Depth: 8.9 ft.

Interior Wall Coating/Liner:

Exterior Wall Coating/Liner:

Bench

Bench Present?: Yes

Bench Material: Brick

Bench Coating/Liner: Cementitious

Channel/Step**Channel**

Channel Material: Brick
Channel Type: Formed
Channel Exposure: Fully Opened
Channel Installed Yes

Step

Steps: 6

Step Material: Metal



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Sheet No. 133

Survey Date 2012/07/20

P.O. No.

Location (No. & Name) 19 ALLEN DR

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Pipe Connections

Num	Clk Pos	Rim to Invert	Direc	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Cond	Connects to Access Point ID
1	6	9.4 ft.	Out	AC	C	8 in.		S	S	GR	642
2	12	5.7 ft.	In	AC	C	8 in.		S	S	OU	642
3	12	9.3 ft.	In	AC	C	8 in.		S	S	OL	642

Observations

Distance	Vid Ref	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	ImRef	Remarks
7.7 ft.		WI	IG		J					10			3 GPM



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Sheet No. 136 Surveyor's name JDM Certificate Number U-212-14669 Date 2012/07/20
 System Owner TOWN OF TRUMBULL Survey Customer Time 11:25
 Drainage Area 16 Location (No. & Name) ALLEN DR
 P.O. No. Locality/City Name TRUMBULL CT
 Further Location Details Inspection Level Level 2
 Outgoing Rim to Invert 9.5 ft. Outgoing Grade to Invert 9.5 ft. Rim to Grade 0.0 ft.
 Use of Sewer Sanitary Year Laid Year Rehabilitated Tape/Media Number
 Purpose Infiltration and Inflow investigation Sewer Category
 Pre-Cleaning No Pre-Cleaning Date Cleaned Weather
 Location Code Light Highway Potential for Runoff Evidence of Surcharge No
 Access Point Type Manhole Coordinate System
 Northing Easting Elevation Accuracy of GPS
 Inspection Status Surface Inspection
 Additional Information

Manhole Surface Types

Concrete Pavement ☒ Concrete Collar ☐ Asphalt ☐ Grass/Dirt ☐ Gravel ☐ Other ☐

Cover

Cover Shape: Circular

Cover Size: 26.0 in.

Cover Size Width:

Cover Material: Cast Iron

Vent Hole Diameter:

Cover Bearing Surface Diameter: 26.0 in.

Cover Bearing Surface Diameter Width:

Cover Frame Fit: Undersized

of Vent Holes:

Cover Type

- | | |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> Solid | <input type="checkbox"/> Bolted |
| <input type="checkbox"/> Vented/Slots | <input type="checkbox"/> Locking |
| <input type="checkbox"/> Gasketed | <input type="checkbox"/> Inner Cover |
| <input type="checkbox"/> Hatch Single | <input type="checkbox"/> Lamphole |
| <input type="checkbox"/> Hatch Double | |

Cover Condition

- | | |
|--|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input checked="" type="checkbox"/> Corroded/Pitted |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Bolts Missing |
| <input type="checkbox"/> Restraint Missing | |
| <input type="checkbox"/> Restraint Defective | |

Cover Insert

Cover Insert Type: None

Cover Insert Condition

- | | |
|---|--------------------------------------|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Poorly Fitting | <input type="checkbox"/> Corroded |
| <input type="checkbox"/> Cracked/Torn/Holes | <input type="checkbox"/> Insert Fell |



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Sheet No. 136

Survey Date 2012/07/20

P.O. No.

Location (No. & Name) ALLEN DR

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Adjustment Ring

MH Adjustment Ring Type: None

MH Adjustment Ring Material:

MH Adjustment Ring Height:

MH Adjustment Ring

- | | |
|----------------------------------|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Poor Installation |

Frame

Frame Material: Cast Iron

Frame Bearing Surface Width: 1.0 in.

Frame Bearing Surface Depth: 2.0 in.

Frame Clear Opening Diameter: 24.0 in.

Frame Condition

- | | |
|----------------------------------|--|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input checked="" type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Coated |

Frame Offset Distance: 0 in.

Frame Depth:

Frame Seal Inflow:

Frame Seal Condition

- | | |
|---|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Loose/Not Attached |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Offset |
| <input checked="" type="checkbox"/> Missing | |

Chimney

Chimney Material 1: Brick

Chimney Material 2:

Chimney Clear Opening:

Chimney Depth: 1.0 ft.

Interior Chimney Coating/Liner:

Exterior Chimney Coating/Liner:

Chimney I/I:

Cone

Cone Type: Conical off

Exterior Cone Coating/Liner:

Interior Cone Coating/Liner:

Cone Depth: 5.2 ft.

Cone Material: Concrete

Wall

Wall Diameter 1:

Wall Diameter 2:

Wall Material: Concrete

Wall Depth: 9.0 ft.

Interior Wall Coating/Liner:

Exterior Wall Coating/Liner:

Bench

Bench Present?: Yes

Bench Material: Brick

Bench Coating/Liner: Cementitious

Channel/Step**Channel**

Channel Material: Brick
Channel Type: Formed
Channel Exposure: Fully Opened
Channel Installed Yes

Step

Steps: 6

Step Material: Metal

Sheet No. 136

Survey Date 2012/07/20

P.O. No.

Location (No. & Name) ALLEN DR

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Pipe Connections

Num	Clk Pos	Rim to Invert	Direc	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Cond	Connects to Access Point ID
1	6	9.5 ft.	Out	AC	C	8 in.		S	S	GR	624
2	8	9.4 ft.	In	AC	C	8 in.		S	S	GR	624

Observations

Distance	Vid Ref	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	ImRef	Remarks
8.3 ft.		WI	IW		J					6	6		
9.3 ft.		C	IG							8			4 GPM; LEAKING FROM BOTTOM OF CHANNEL



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Sheet No. 18 **Surveyor's name** JDM **Certificate Number** U-212-14669 **Date** 2012/07/16
System Owner Town of Trumbull **Survey Customer** **Time** 11:06
Drainage Area 16 **Location (No. & Name)** Intersection of Birch St and Canterbury Ln
P.O. No. **Locality/City Name** Trumbull
Further Location Details **Inspection Level** Level 2
Outgoing Rim to Invert 8.0 ft. **Outgoing Grade to Invert** 8.0 ft. **Rim to Grade** 0.0 ft.
Use of Sewer Sanitary **Year Laid** **Year Rehabilitated** **Tape/Media Number**
Purpose Infiltration and Inflow investigation **Sewer Category**
Pre-Cleaning No Pre-Cleaning **Date Cleaned** **Weather**
Location Code Light Highway **Potential for Runoff** **Evidence of Surcharge** No
Access Point Type Manhole **Coordinate System**
Northing **Easting** **Elevation** **Accuracy of GPS**
Inspection Status Surface Inspection
Additional Information

Manhole Surface Types

Concrete Pavement ☒ **Concrete Collar** ☐ **Asphalt** ☐ **Grass/Dirt** ☐ **Gravel** ☐ **Other** ☐

Cover**Cover Shape:** Circular**Cover Bearing Surface Diameter:** 26.0 in.**Cover Size:** 26.0 in.**Cover Size Width:****Cover Bearing Surface Diameter Width:****Cover Material:** Cast Iron**Cover Frame Fit:** Good**Vent Hole Diameter:****# of Vent Holes:****Cover Type**

- | | |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> Solid | <input type="checkbox"/> Bolted |
| <input type="checkbox"/> Vented/Slots | <input type="checkbox"/> Locking |
| <input type="checkbox"/> Gasketed | <input type="checkbox"/> Inner Cover |
| <input type="checkbox"/> Hatch Single | <input type="checkbox"/> Lamphole |
| <input type="checkbox"/> Hatch Double | |

Cover Condition

- | | |
|--|--|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Bolts Missing |
| <input type="checkbox"/> Restraint Missing | |
| <input type="checkbox"/> Restraint Defective | |

Cover Insert**Cover Insert Type:** None**Cover Insert Condition**

- | | |
|---|--------------------------------------|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Poorly Fitting | <input type="checkbox"/> Corroded |
| <input type="checkbox"/> Cracked/Torn/Holes | <input type="checkbox"/> Insert Fell |



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Sheet No. 18

Survey Date 2012/07/16

P.O. No.

Location (No. & Name) Intersection of Birch St and Canterbury Ln

Inspection Level Level 2

Locality/City Name Trumbull

Inspection Status Surface Inspection

Adjustment Ring

MH Adjustment Ring Type: None

MH Adjustment Ring Material:

MH Adjustment Ring Height:

MH Adjustment Ring

- | | |
|----------------------------------|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Poor Installation |

Frame

Frame Material: Cast Iron

Frame Bearing Surface Width: 1.0 in.

Frame Bearing Surface Depth: 2.0 in.

Frame Clear Opening Diameter: 24.0 in.

Frame Condition

- | | |
|---|---|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Coated |

Frame Offset Distance: 0 in.

Frame Depth:

Frame Seal Inflow: None

Frame Seal Condition

- | | |
|---|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Loose/Not Attached |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Offset |
| <input checked="" type="checkbox"/> Missing | |

Chimney

Chimney Material 1: Brick

Chimney Material 2: Concrete

Chimney Clear Opening:

Chimney Depth: 1.4 ft.

Interior Chimney Coating/Liner:

Exterior Chimney Coating/Liner:

Chimney I/I:

Cone

Cone Type: Conical off

Exterior Cone Coating/Liner:

Interior Cone Coating/Liner:

Cone Depth: 5.6 ft.

Cone Material: Concrete

Wall

Wall Diameter 1:

Wall Diameter 2:

Wall Material: Concrete

Wall Depth: 7.5 ft.

Interior Wall Coating/Liner:

Exterior Wall Coating/Liner:

Bench

Bench Present?: Yes

Bench Material: Brick

Bench Coating/Liner: Cementitious

Channel/Step**Channel**

Channel Material: Brick
 Channel Type: Formed
 Channel Exposure: Fully Opened
 Channel Installed Yes

Step

Steps: 5

Step Material: Metal



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Sheet No. 18

Survey Date 2012/07/16

P.O. No.

Location (No. & Name) Intersection of Birch St and Canterbury Ln

Inspection Level Level 2

Locality/City Name Trumbull

Inspection Status Surface Inspection

Pipe Connections

Num	Clk Pos	Rim to Invert	Direc	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Cond	Connects to Access Point ID
1	6	8.0 ft.	Out	AC	C	8 in.		S	S	GR	628
2	9	7.9 ft.	In	AC	C	8 in.		S	S	GR	628
3	12	7.9 ft.	In	AC	C	8 in.		S	S	GR	628

Observations

Distance	Vid Ref	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	ImRef	Remarks
6.5 ft.		WI	IG		J					8			2 gpm
6.5 ft.		WI	ID		J					9			
6.5 ft.		WI	ID		J					3			



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Sheet No. 81 Surveyor's name JDM Certificate Number U-212-14669 Date 2012/07/17
 System Owner TOWN OF TRUMBULL Survey Customer Time 15:39
 Drainage Area 16 Location (No. & Name) BONITA AVE
 P.O. No. Locality/City Name TRUMBULL CT
 Further Location Details Inspection Level Level 2
 Outgoing Rim to Invert 10.6 ft. Outgoing Grade to Invert 10.6 ft. Rim to Grade 0.0 ft.
 Use of Sewer Sanitary Year Laid Year Rehabilitated Tape/Media Number
 Purpose Infiltration and Inflow investigation Sewer Category
 Pre-Cleaning No Pre-Cleaning Date Cleaned Weather
 Location Code Light Highway Potential for Runoff Evidence of Surcharge No
 Access Point Type Manhole Coordinate System
 Northing Easting Elevation Accuracy of GPS
 Inspection Status Surface Inspection
 Additional Information

Manhole Surface Types

Concrete Pavement ☒ Concrete Collar ☐ Asphalt ☐ Grass/Dirt ☐ Gravel ☐ Other ☐

Cover

Cover Shape: Circular

Cover Bearing Surface Diameter: 26.0 in.

Cover Size: 26.0 in.

Cover Size Width:

Cover Bearing Surface Diameter Width:

Cover Material: Cast Iron

Cover Frame Fit: Good

Vent Hole Diameter:

of Vent Holes:

Cover Type

- | | |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> Solid | <input type="checkbox"/> Bolted |
| <input type="checkbox"/> Vented/Slots | <input type="checkbox"/> Locking |
| <input type="checkbox"/> Gasketed | <input type="checkbox"/> Inner Cover |
| <input type="checkbox"/> Hatch Single | <input type="checkbox"/> Lamphole |
| <input type="checkbox"/> Hatch Double | |

Cover Condition

- | | |
|--|--|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Bolts Missing |
| <input type="checkbox"/> Restraint Missing | |
| <input type="checkbox"/> Restraint Defective | |

Cover Insert

Cover Insert Type: None

Cover Insert Condition

- | | |
|---|--------------------------------------|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Poorly Fitting | <input type="checkbox"/> Corroded |
| <input type="checkbox"/> Cracked/Torn/Holes | <input type="checkbox"/> Insert Fell |



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Sheet No. 81

Survey Date 2012/07/17

P.O. No.

Location (No. & Name) BONITA AVE

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Adjustment Ring

MH Adjustment Ring Type: Adjustable

MH Adjustment Ring Material: Cast Iron

MH Adjustment Ring Height:

MH Adjustment Ring

- | | |
|----------------------------------|--|
| <input type="checkbox"/> Sound | <input checked="" type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Poor Installation |

Frame

Frame Material: Cast Iron

Frame Bearing Surface Width: 1.0 in.

Frame Bearing Surface Depth: 2.0 in.

Frame Clear Opening Diameter: 24.0 in.

Frame Condition

- | | |
|----------------------------------|--|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input checked="" type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Coated |

Frame Offset Distance: 0 in.

Frame Depth:

Frame Seal Inflow:

Frame Seal Condition

- | | |
|---|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Loose/Not Attached |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Offset |
| <input checked="" type="checkbox"/> Missing | |

Chimney

Chimney Material 1: Brick

Chimney Material 2:

Chimney Clear Opening:

Chimney Depth: 1.6 ft.

Interior Chimney Coating/Liner:

Exterior Chimney Coating/Liner:

Chimney I/I:

Cone

Cone Type: Conical off

Exterior Cone Coating/Liner:

Interior Cone Coating/Liner:

Cone Depth: 5.6 ft.

Cone Material: Concrete

Wall

Wall Diameter 1:

Wall Diameter 2:

Wall Material: Concrete

Wall Depth: 9.7 ft.

Interior Wall Coating/Liner:

Exterior Wall Coating/Liner:

Bench

Bench Present?: Yes

Bench Material: Brick

Bench Coating/Liner: Cementitious

Channel/Step**Channel**

Channel Material: Brick
 Channel Type: Formed
 Channel Exposure: Fully Opened
 Channel Installed Yes

Step

Steps: 7

Step Material: Metal



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Sheet No. 81

Survey Date 2012/07/17

P.O. No.

Location (No. & Name) BONITA AVE

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Pipe Connections

Num	Clk Pos	Rim to Invert	Direc	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Cond	Connects to Access Point ID
1	6	10.6 ft.	Out	AC	C	8 in.		S	S	GR	737
2	12	10.5 ft.	In	AC	C	8 in.		S	S	GR	737

Observations

Distance	Vid Ref	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	ImRef	Remarks
9.6 ft.		WI	IG							9			5 GPM

Sheet No. 56 Surveyor's name JDM Certificate Number U-212-14669 Date 2012/07/17
 System Owner TOWN OF TRUMBULL Survey Customer Time 11:10
 Drainage Area 16 Location (No. & Name) CANTERBURY LN
 P.O. No. Locality/City Name TRUMBULL, CT
 Further Location Details Inspection Level Level 2
 Outgoing Rim to Invert 7.4 ft. Outgoing Grade to Invert 7.4 ft. Rim to Grade 0.0 ft.
 Use of Sewer Sanitary Year Laid Year Rehabilitated Tape/Media Number
 Purpose Infiltration and Inflow investigation Sewer Category
 Pre-Cleaning No Pre-Cleaning Date Cleaned Weather
 Location Code Light Highway Potential for Runoff Evidence of Surcharge No
 Access Point Type Manhole Coordinate System
 Northing Easting Elevation Accuracy of GPS
 Inspection Status Surface Inspection
 Additional Information

Manhole Surface Types

Concrete Pavement ☒ Concrete Collar ☐ Asphalt ☐ Grass/Dirt ☐ Gravel ☐ Other ☐

Cover

Cover Shape: Circular

Cover Bearing Surface Diameter: 26.0 in.

Cover Size: 26.0 in.

Cover Size Width:

Cover Bearing Surface Diameter Width:

Cover Material: Cast Iron

Cover Frame Fit: Good

Vent Hole Diameter:

of Vent Holes:

Cover Type

- | | |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> Solid | <input type="checkbox"/> Bolted |
| <input type="checkbox"/> Vented/Slots | <input type="checkbox"/> Locking |
| <input type="checkbox"/> Gasketed | <input type="checkbox"/> Inner Cover |
| <input type="checkbox"/> Hatch Single | <input type="checkbox"/> Lamphole |
| <input type="checkbox"/> Hatch Double | |

Cover Condition

- | | |
|--|--|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Bolts Missing |
| <input type="checkbox"/> Restraint Missing | |
| <input type="checkbox"/> Restraint Defective | |

Cover Insert

Cover Insert Type: None

Cover Insert Condition

- | | |
|---|--------------------------------------|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Poorly Fitting | <input type="checkbox"/> Corroded |
| <input type="checkbox"/> Cracked/Torn/Holes | <input type="checkbox"/> Insert Fell |

Sheet No. 56

Survey Date 2012/07/17

P.O. No.

Location (No. & Name) CANTERBURY LN

Inspection Level Level 2

Locality/City Name TRUMBULL, CT

Inspection Status Surface Inspection

Adjustment Ring

MH Adjustment Ring Type: None

MH Adjustment Ring Material:

MH Adjustment Ring Height:

MH Adjustment Ring

- | | |
|----------------------------------|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Poor Installation |

Frame

Frame Material: Cast Iron

Frame Bearing Surface Width: 1.0 in.

Frame Bearing Surface Depth: 2.0 in.

Frame Clear Opening Diameter: 24.0 in.

Frame Condition

- | | |
|---|---|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Coated |

Frame Offset Distance: 0 in.

Frame Depth:

Frame Seal Inflow:

Frame Seal Condition

- | | |
|---|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Loose/Not Attached |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Offset |
| <input checked="" type="checkbox"/> Missing | |

Chimney

Chimney Material 1: Brick

Chimney Material 2:

Chimney Clear Opening:

Chimney Depth: 1.9 ft.

Interior Chimney Coating/Liner:

Exterior Chimney Coating/Liner:

Chimney I/I:

Cone

Cone Type: Conical off

Exterior Cone Coating/Liner:

Interior Cone Coating/Liner:

Cone Depth: 5.9 ft.

Cone Material: Concrete

Wall

Wall Diameter 1:

Wall Diameter 2:

Wall Material: Concrete

Wall Depth: 6.7 ft.

Interior Wall Coating/Liner:

Exterior Wall Coating/Liner:

Bench

Bench Present?: Yes

Bench Material: Brick

Bench Coating/Liner:

Channel/Step**Channel**

Channel Material: Concrete
 Channel Type: Formed
 Channel Exposure: Fully Opened
 Channel Installed Yes

Step

Steps: 4

Step Material: Metal



Sheet No. 56

Survey Date 2012/07/17

P.O. No.

Location (No. & Name) CANTERBURY LN

Inspection Level Level 2

Locality/City Name TRUMBULL, CT

Inspection Status Surface Inspection

Pipe Connections

Num	Clk Pos	Rim to Invert	Direc	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Cond	Connects to Access Point ID
1	6	7.4 ft.	Out	AC	C	8 in.		S	S	GR	631
2	12	7.3 ft.	In	AC	C	8 in.		S	S	GR	631
3	3	7.3 ft.	In	AC	C	8 in.		S	S	GR	631

Observations

Distance	Vid Ref	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	ImRef	Remarks
3.7 ft.		WI	H							6			
3.7 ft.		WI	H							12			
5.9 ft.		WI	ID		J					3	6		
6.3 ft.		WI	IW							2			



Sheet No. 64 Surveyor's name JDM Certificate Number U-212-14669 Date 2012/07/17
 System Owner TOWN OF TRUMBULL Survey Customer Time 12:47
 Drainage Area 16 Location (No. & Name) REGINA ST
 P.O. No. Locality/City Name TRUMBULL CT
 Further Location Details Inspection Level Level 2
 Outgoing Rim to Invert 9.1 ft. Outgoing Grade to Invert 9.1 ft. Rim to Grade 0.0 ft.
 Use of Sewer Sanitary Year Laid Year Rehabilitated Tape/Media Number
 Purpose Infiltration and Inflow investigation Sewer Category
 Pre-Cleaning No Pre-Cleaning Date Cleaned Weather
 Location Code Light Highway Potential for Runoff Evidence of Surge No
 Access Point Type Manhole Coordinate System
 Northing Easting Elevation Accuracy of GPS
 Inspection Status Surface Inspection
 Additional Information

Manhole Surface Types

Concrete Pavement ☒ Concrete Collar ☐ Asphalt ☐ Grass/Dirt ☐ Gravel ☐ Other ☐

Cover

Cover Shape: Circular

Cover Bearing Surface Diameter: 26.0 in.

Cover Size: 26.0 in.

Cover Size Width:

Cover Bearing Surface Diameter Width:

Cover Material: Cast Iron

Cover Frame Fit: Good

Vent Hole Diameter:

of Vent Holes:

Cover Type

- | | |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> Solid | <input type="checkbox"/> Bolted |
| <input type="checkbox"/> Vented/Slots | <input type="checkbox"/> Locking |
| <input type="checkbox"/> Gasketed | <input type="checkbox"/> Inner Cover |
| <input type="checkbox"/> Hatch Single | <input type="checkbox"/> Lamphole |
| <input type="checkbox"/> Hatch Double | |

Cover Condition

- | | |
|--|--|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Bolts Missing |
| <input type="checkbox"/> Restraint Missing | |
| <input type="checkbox"/> Restraint Defective | |

Cover Insert

Cover Insert Type: None

Cover Insert Condition

- | | |
|---|--------------------------------------|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Poorly Fitting | <input type="checkbox"/> Corroded |
| <input type="checkbox"/> Cracked/Torn/Holes | <input type="checkbox"/> Insert Fell |



Sheet No. 64

Survey Date 2012/07/17

P.O. No.

Location (No. & Name) REGINA ST

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Adjustment Ring

MH Adjustment Ring Type: None

MH Adjustment Ring Material:

MH Adjustment Ring Height:

MH Adjustment Ring

- | | |
|----------------------------------|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Poor Installation |

Frame

Frame Material: Cast Iron

Frame Bearing Surface Width: 1.0 in.

Frame Bearing Surface Depth: 2.0 in.

Frame Clear Opening Diameter: 24.0 in.

Frame Condition

- | | |
|---|---|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Coated |

Frame Offset Distance: 0 in.

Frame Depth:

Frame Seal Inflow:

Frame Seal Condition

- | | |
|---|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Loose/Not Attached |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Offset |
| <input checked="" type="checkbox"/> Missing | |

Chimney

Chimney Material 1: Brick

Chimney Material 2:

Chimney Clear Opening:

Chimney Depth: 1.5 ft.

Interior Chimney Coating/Liner:

Exterior Chimney Coating/Liner:

Chimney I/I:

Cone

Cone Type: Conical off

Exterior Cone Coating/Liner:

Interior Cone Coating/Liner:

Cone Depth: 5.8 ft.

Cone Material: Concrete

Wall

Wall Diameter 1:

Wall Diameter 2:

Wall Material: Concrete

Wall Depth: 8.6 ft.

Interior Wall Coating/Liner:

Exterior Wall Coating/Liner:

Bench

Bench Present?: Yes

Bench Material: Brick

Bench Coating/Liner:

Channel/Step**Channel**

Channel Material: Brick
Channel Type: Formed
Channel Exposure: Fully Opened
Channel Installed Yes

Step

Steps: 6

Step Material: Metal



Sheet No. 64

Survey Date 2012/07/17

P.O. No.

Location (No. & Name) REGINA ST

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Pipe Connections

Num	Clk Pos	Rim to Invert	Direc	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Cond	Connects to Access Point ID
1	6	9.1 ft.	Out	AC	C	8 in.		S	S	GR	697
2	3	9.0 ft.	In	AC	C	8 in.		S	S	GR	697
3	10	8.6 ft.	In	AC	C	6 in.		S	S	LB	697

Observations

Distance	Vid Ref	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	ImRef	Remarks
6.8 ft.		WI	IW		J					4			
6.8 ft.		WI	IR		J					6			1 GPM



Sheet No. 221 Surveyor's name JDM Certificate Number U-212-14669 Date 2012/07/26
 System Owner TOWN OF TRUMBULL Survey Customer Time 11:42
 Drainage Area 16 Location (No. & Name) CEDAR CREST
 P.O. No. Locality/City Name TRUMBULL CT
 Further Location Details Inspection Level Level 2
 Outgoing Rim to Invert 14.4 ft. Outgoing Grade to Invert 14.4 ft. Rim to Grade 0.0 ft.
 Use of Sewer Sanitary Year Laid Year Rehabilitated Tape/Media Number
 Purpose Infiltration and Inflow investigation Sewer Category
 Pre-Cleaning No Pre-Cleaning Date Cleaned Weather
 Location Code Light Highway Potential for Runoff Evidence of Surcharge No
 Access Point Type Manhole Coordinate System
 Northing Easting Elevation Accuracy of GPS
 Inspection Status Surface Inspection
 Additional Information

Manhole Surface Types

Concrete Pavement ☒ Concrete Collar ☐ Asphalt ☐ Grass/Dirt ☐ Gravel ☐ Other ☐

Cover

Cover Shape: Circular

Cover Bearing Surface Diameter: 25.3 in.

Cover Size: 26.0 in.

Cover Size Width:

Cover Bearing Surface Diameter Width:

Cover Material: Cast Iron

Cover Frame Fit: Good

Vent Hole Diameter:

of Vent Holes:

Cover Type

- | | |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> Solid | <input type="checkbox"/> Bolted |
| <input type="checkbox"/> Vented/Slots | <input type="checkbox"/> Locking |
| <input type="checkbox"/> Gasketed | <input type="checkbox"/> Inner Cover |
| <input type="checkbox"/> Hatch Single | <input type="checkbox"/> Lamphole |
| <input type="checkbox"/> Hatch Double | |

Cover Condition

- | | |
|--|--|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Bolts Missing |
| <input type="checkbox"/> Restraint Missing | |
| <input type="checkbox"/> Restraint Defective | |

Cover Insert

Cover Insert Type: None

Cover Insert Condition

- | | |
|---|--------------------------------------|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Poorly Fitting | <input type="checkbox"/> Corroded |
| <input type="checkbox"/> Cracked/Torn/Holes | <input type="checkbox"/> Insert Fell |



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Sheet No. 221

Survey Date 2012/07/26

P.O. No.

Location (No. & Name) CEDAR CREST

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Adjustment Ring

MH Adjustment Ring Type: None

MH Adjustment Ring Material:

MH Adjustment Ring Height:

MH Adjustment Ring

- | | |
|----------------------------------|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Poor Installation |

Frame

Frame Material: Cast Iron

Frame Bearing Surface Width: 1.0 in.

Frame Bearing Surface Depth: 2.0 in.

Frame Clear Opening Diameter: 24.0 in.

Frame Condition

- | | |
|--|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input checked="" type="checkbox"/> Broken | <input type="checkbox"/> Coated |

Frame Offset Distance: 4 in.

Frame Depth:

Frame Seal Inflow:

Frame Seal Condition

- | | |
|---|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Loose/Not Attached |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Offset |
| <input checked="" type="checkbox"/> Missing | |

Chimney

Chimney Material 1: Concrete

Chimney Material 2:

Chimney Clear Opening:

Chimney Depth: 1.6 ft.

Interior Chimney Coating/Liner:

Exterior Chimney Coating/Liner:

Chimney I/I:

Cone

Cone Type: Conical off

Exterior Cone Coating/Liner:

Interior Cone Coating/Liner:

Cone Depth: 4.4 ft.

Cone Material: Concrete

Wall

Wall Diameter 1:

Wall Diameter 2:

Wall Material: Concrete

Wall Depth: 13.8 ft.

Interior Wall Coating/Liner:

Exterior Wall Coating/Liner:

Bench

Bench Present?: Yes

Bench Material: Brick

Bench Coating/Liner:

Channel/Step**Channel**

Channel Material: Brick
 Channel Type: Formed
 Channel Exposure: Fully Opened
 Channel Installed Yes

Step

Steps: 11

Step Material: Plastic



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Sheet No. 221

Survey Date 2012/07/26

P.O. No.

Location (No. & Name) CEDAR CREST

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Pipe Connections

Num	Clk Pos	Rim to Invert	Dir	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Cond	Connects to Access Point ID
1	6	14.4 ft.	Out	PVC	C	8 in.		S	S	GR	537
2	11	14.3 ft.	In	PVC	C	8 in.		S	S	IL	537
3	11	5.5 ft.	In	PVC	C	8 in.		S	S	IU	537
4	2	14.3 ft.	In	PVC	C	8 in.		S	S	GR	537

Observations

Distance	Vid Ref	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	ImRef	Remarks
0.7 ft.		CMI	CM	S01						3	5		
2.0 ft.		CMI	CM	F01						3	5		
11.8 ft.		WI	IW							12	12		



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Sheet No. 315 **Surveyor's name** JDM **Certificate Number** U-212-14669 **Date** 2012/07/31
System Owner TOWN OF TRUMBULL **Survey Customer** **Time** 09:40
Drainage Area 16 **Location (No. & Name)** CHURCH HILL RD
P.O. No. **Locality/City Name** TRUMBULL CT
Further Location Details **Inspection Level** Level 2
Outgoing Rim to Invert 8.0 ft. **Outgoing Grade to Invert** 8.0 ft. **Rim to Grade** 0.0 ft.
Use of Sewer Sanitary **Year Laid** **Year Rehabilitated** **Tape/Media Number**
Purpose Infiltration and Inflow investigation **Sewer Category**
Pre-Cleaning No Pre-Cleaning **Date Cleaned** **Weather**
Location Code Main Highway - Suburban/Rural **Potential for Runoff** **Evidence of Surcharge** No
Access Point Type Manhole **Coordinate System**
Northing **Easting** **Elevation** **Accuracy of GPS**
Inspection Status Surface Inspection
Additional Information

Manhole Surface Types

Concrete Pavement ☒ **Concrete Collar** ☐ **Asphalt** ☐ **Grass/Dirt** ☐ **Gravel** ☐ **Other** ☐

Cover**Cover Shape:** Circular**Cover Bearing Surface Diameter:** 26.0 in.**Cover Size:** 26.0 in.**Cover Size Width:****Cover Bearing Surface Diameter Width:****Cover Material:** Cast Iron**Cover Frame Fit:** Good**Vent Hole Diameter:****# of Vent Holes:****Cover Type**

- | | |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> Solid | <input type="checkbox"/> Bolted |
| <input type="checkbox"/> Vented/Slots | <input type="checkbox"/> Locking |
| <input type="checkbox"/> Gasketed | <input type="checkbox"/> Inner Cover |
| <input type="checkbox"/> Hatch Single | <input type="checkbox"/> Lamphole |
| <input type="checkbox"/> Hatch Double | |

Cover Condition

- | | |
|--|--|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Bolts Missing |
| <input type="checkbox"/> Restraint Missing | |
| <input type="checkbox"/> Restraint Defective | |

Cover Insert**Cover Insert Type:** None**Cover Insert Condition**

- | | |
|---|--------------------------------------|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Poorly Fitting | <input type="checkbox"/> Corroded |
| <input type="checkbox"/> Cracked/Torn/Holes | <input type="checkbox"/> Insert Fell |



Sheet No. 315

Survey Date 2012/07/31

P.O. No.

Location (No. & Name) CHURCH HILL RD

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Adjustment Ring

MH Adjustment Ring Type: None

MH Adjustment Ring Material:

MH Adjustment Ring Height:

MH Adjustment Ring

- | | |
|----------------------------------|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Poor Installation |

Frame

Frame Material: Cast Iron

Frame Bearing Surface Width: 1.0 in.

Frame Bearing Surface Depth: 2.0 in.

Frame Clear Opening Diameter: 24.0 in.

Frame Condition

- | | |
|---|---|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Coated |

Frame Offset Distance: 0 in.

Frame Depth:

Frame Seal Inflow:

Frame Seal Condition

- | | |
|---|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Loose/Not Attached |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Offset |
| <input checked="" type="checkbox"/> Missing | |

Chimney

Chimney Material 1: Concrete

Chimney Material 2:

Chimney Clear Opening:

Chimney Depth: 2.3 ft.

Interior Chimney Coating/Liner:

Exterior Chimney Coating/Liner:

Chimney I/I:

Cone

Cone Type: Conical off

Exterior Cone Coating/Liner:

Interior Cone Coating/Liner:

Cone Depth: 6.3 ft.

Cone Material: Concrete

Wall

Wall Diameter 1:

Wall Diameter 2:

Wall Material: Concrete

Wall Depth: 7.3 ft.

Interior Wall Coating/Liner:

Exterior Wall Coating/Liner:

Bench

Bench Present?: Yes

Bench Material: Brick

Bench Coating/Liner:

Channel/Step**Channel**

Channel Material: Brick
 Channel Type: Formed
 Channel Exposure: Fully Opened
 Channel Installed Yes

Step

Steps: 4

Step Material: Metal



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Sheet No. 315

Survey Date 2012/07/31

P.O. No.

Location (No. & Name) CHURCH HILL RD

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Pipe Connections

Num	Clk Pos	Rim to Invert	Direc	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Cond	Connects to Access Point ID
1	6	8.0 ft.	Out	AC	C	12 in.		S	S	GR	579
2	12	7.9 ft.	In	AC	C	12 in.		S	S	GR	579
3	10	7.3 ft.	In	AC	C	8 in.		S	S	GR	579

Observations

Distance	Vid Ref	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	ImRef	Remarks
7.3 ft.		B	IR							4			
7.3 ft.		B	IW							1	2		



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Sheet No. 306 **Surveyor's name** JDM **Certificate Number** U-212-14669 **Date** 2012/07/31
System Owner TOWN OF TRUMBULL **Survey Customer** **Time** 08:12
Drainage Area 16 **Location (No. & Name)** CHURCHHILL RD
P.O. No. **Locality/City Name** TRUMBULL CT
Further Location Details **Inspection Level** Level 2
Outgoing Rim to Invert 14.2 ft. **Outgoing Grade to Invert** 14.2 ft. **Rim to Grade** 0.0 ft.
Use of Sewer Sanitary **Year Laid** **Year Rehabilitated** **Tape/Media Number**
Purpose Infiltration and Inflow investigation **Sewer Category**
Pre-Cleaning No Pre-Cleaning **Date Cleaned** **Weather**
Location Code Main Highway - Suburban/Rural **Potential for Runoff** **Evidence of Surcharge** No
Access Point Type Manhole **Coordinate System**
Northing **Easting** **Elevation** **Accuracy of GPS**
Inspection Status Surface Inspection
Additional Information

Manhole Surface TypesConcrete Pavement ☒Concrete Collar ☐Asphalt ☐Grass/Dirt ☐Gravel ☐Other ☐**Cover****Cover Shape:** Circular**Cover Size:** 26.0 in.**Cover Size Width:****Cover Material:** Cast Iron**Vent Hole Diameter:****Cover Bearing Surface Diameter:** 26.0 in.**Cover Bearing Surface Diameter Width:****Cover Frame Fit:** Good**# of Vent Holes:****Cover Type**☒ Solid☐ Bolted☐ Vented/Slots☐ Locking☐ Gasketed☐ Inner Cover☐ Hatch Single☐ Lamphole☐ Hatch Double**Cover Condition**☒ Sound☐ Missing☐ Cracked☐ Corroded/Pitted☐ Broken☐ Bolts Missing☐ Restraint Missing☐ Restraint Defective**Cover Insert****Cover Insert Type:** None**Cover Insert Condition**☐ Sound☐ Leaking☐ Poorly Fitting☐ Corroded☐ Cracked/Torn/Holes☐ Insert Fell

Sheet No. 306

Survey Date 2012/07/31

P.O. No.

Location (No. & Name) CHURCHHILL RD

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Adjustment Ring

MH Adjustment Ring Type: None

MH Adjustment Ring Material:

MH Adjustment Ring Height:

MH Adjustment Ring

- | | |
|----------------------------------|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Poor Installation |

Frame

Frame Material: Cast Iron

Frame Bearing Surface Width: 1.0 in.

Frame Bearing Surface Depth: 2.0 in.

Frame Clear Opening Diameter: 24.0 in.

Frame Condition

- | | |
|---|---|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Coated |

Frame Offset Distance: 0 in.

Frame Depth:

Frame Seal Inflow:

Frame Seal Condition

- | | |
|---|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Loose/Not Attached |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Offset |
| <input checked="" type="checkbox"/> Missing | |

Chimney

Chimney Material 1: Brick

Chimney Material 2:

Chimney Clear Opening:

Chimney Depth: 1.3 ft.

Interior Chimney Coating/Liner:

Exterior Chimney Coating/Liner:

Chimney I/I:

Cone

Cone Type: Conical off

Exterior Cone Coating/Liner:

Interior Cone Coating/Liner:

Cone Depth: 6.3 ft.

Cone Material: Concrete

Wall

Wall Diameter 1:

Wall Diameter 2:

Wall Material: Concrete

Wall Depth: 13.6 ft.

Interior Wall Coating/Liner:

Exterior Wall Coating/Liner:

Bench

Bench Present?: Yes

Bench Material: Brick

Bench Coating/Liner: Cementitious

Channel/Step**Channel**

Channel Material: Brick
Channel Type: Formed
Channel Exposure: Fully Opened
Channel Installed Yes

Step

Steps: 11

Step Material: Metal

Sheet No. 306

Survey Date 2012/07/31

P.O. No.

Location (No. & Name) CHURCHHILL RD

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Pipe Connections

Num	Clk Pos	Rim to Invert	Direc	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Cond	Connects to Access Point ID
1	6	14.2 ft.	Out	AC	C	10 in.		S	S	GR	754
2	1	14.1 ft.	In	AC	C	10 in.		S	S	GR	754

Observations

Distance	Vid Ref	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	ImRef	Remarks
13.6 ft.		B	IW							5			



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Sheet No. 312 **Surveyor's name** JDM **Certificate Number** U-212-14669 **Date** 2012/07/31
System Owner TOWN OF TRUMBULL **Survey Customer** **Time** 09:14
Drainage Area 16 **Location (No. & Name)** EDISON RD
P.O. No. **Locality/City Name** TRUMBULL CT
Further Location Details **Inspection Level** Level 2
Outgoing Rim to Invert 11.4 ft. **Outgoing Grade to Invert** 11.4 ft. **Rim to Grade** 0.0 ft.
Use of Sewer Sanitary **Year Laid** **Year Rehabilitated** **Tape/Media Number**
Purpose Infiltration and Inflow investigation **Sewer Category**
Pre-Cleaning No Pre-Cleaning **Date Cleaned** **Weather**
Location Code Main Highway - Suburban/Rural **Potential for Runoff** **Evidence of Surcharge** No
Access Point Type Manhole **Coordinate System**
Northing **Easting** **Elevation** **Accuracy of GPS**
Inspection Status Surface Inspection
Additional Information

Manhole Surface Types

Concrete Pavement ☒ **Concrete Collar** ☐ **Asphalt** ☐ **Grass/Dirt** ☐ **Gravel** ☐ **Other** ☐

Cover**Cover Shape:** Circular**Cover Bearing Surface Diameter:** 26.0 in.**Cover Size:** 26.0 in.**Cover Size Width:****Cover Bearing Surface Diameter Width:****Cover Material:** Cast Iron**Cover Frame Fit:** Good**Vent Hole Diameter:****# of Vent Holes:****Cover Type**

- | | |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> Solid | <input type="checkbox"/> Bolted |
| <input type="checkbox"/> Vented/Slots | <input type="checkbox"/> Locking |
| <input type="checkbox"/> Gasketed | <input type="checkbox"/> Inner Cover |
| <input type="checkbox"/> Hatch Single | <input type="checkbox"/> Lamphole |
| <input type="checkbox"/> Hatch Double | |

Cover Condition

- | | |
|--|--|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Bolts Missing |
| <input type="checkbox"/> Restraint Missing | |
| <input type="checkbox"/> Restraint Defective | |

Cover Insert**Cover Insert Type:** None**Cover Insert Condition**

- | | |
|---|--------------------------------------|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Poorly Fitting | <input type="checkbox"/> Corroded |
| <input type="checkbox"/> Cracked/Torn/Holes | <input type="checkbox"/> Insert Fell |



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Sheet No. 312

Survey Date 2012/07/31

P.O. No.

Location (No. & Name) EDISON RD

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Adjustment Ring

MH Adjustment Ring Type: Adjustable

MH Adjustment Ring Material: Cast Iron

MH Adjustment Ring Height:

MH Adjustment Ring

- | | |
|----------------------------------|--|
| <input type="checkbox"/> Sound | <input checked="" type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Poor Installation |

Frame

Frame Material: Cast Iron

Frame Bearing Surface Width: 1.0 in.

Frame Bearing Surface Depth: 2.0 in.

Frame Clear Opening Diameter: 24.0 in.

Frame Condition

- | | |
|----------------------------------|--|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input checked="" type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Coated |

Frame Offset Distance: 0 in.

Frame Depth:

Frame Seal Inflow:

Frame Seal Condition

- | | |
|---|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Loose/Not Attached |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Offset |
| <input checked="" type="checkbox"/> Missing | |

Chimney

Chimney Material 1: Brick

Chimney Material 2:

Chimney Clear Opening:

Chimney Depth: 1.6 ft.

Interior Chimney Coating/Liner:

Exterior Chimney Coating/Liner:

Chimney I/I:

Cone

Cone Type: Conical off

Exterior Cone Coating/Liner:

Interior Cone Coating/Liner:

Cone Depth: 4.8 ft.

Cone Material: Concrete

Wall

Wall Diameter 1:

Wall Diameter 2:

Wall Material: Concrete

Wall Depth: 11.0 ft.

Interior Wall Coating/Liner:

Exterior Wall Coating/Liner:

Bench

Bench Present?: Yes

Bench Material: Brick

Bench Coating/Liner:

Channel/Step**Channel**

Channel Material: Brick
Channel Type: Formed
Channel Exposure: Fully Opened
Channel Installed Yes

Step

Steps: 8

Step Material: Metal



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Sheet No. 312

Survey Date 2012/07/31

P.O. No.

Location (No. & Name) EDISON RD

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Pipe Connections

Num	Clk Pos	Rim to Invert	Dir	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Cond	Connects to Access Point ID
1	6	11.4 ft.	Out	AC	C	8 in.		S	S	GR	581
2	12	11.3 ft.	In	AC	C	8 in.		S	S	GR	581
3	3	11.3 ft.	In	PVC	C	8 in.		S	S	OL	581
4	3	7.3 ft.	In	PVC	C	8 in.		S	S	OU	581

Observations

Distance	Vid Ref	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	ImRef	Remarks
0.8 ft.		CMI	DNF				5			3	6		
9.8 ft.		WI	IW		J					12	12		
10.8 ft.		WI	IR		J					12			
11.0 ft.		WI	IR		J					5			
11.0 ft.		WI	IR		J					8			



Sheet No. 314 **Surveyor's name** JDM **Certificate Number** U-212-14669 **Date** 2012/07/31
System Owner TOWN OF TRUMBULL **Survey Customer** **Time** 09:33
Drainage Area 16 **Location (No. & Name)** EDISON RD
P.O. No. **Locality/City Name** TRUMBULL CT
Further Location Details **Inspection Level** Level 2
Outgoing Rim to Invert 8.9 ft. **Outgoing Grade to Invert** 8.9 ft. **Rim to Grade** 0.0 ft.
Use of Sewer Sanitary **Year Laid** **Year Rehabilitated** **Tape/Media Number**
Purpose Infiltration and Inflow investigation **Sewer Category**
Pre-Cleaning No Pre-Cleaning **Date Cleaned** **Weather**
Location Code Light Highway **Potential for Runoff** **Evidence of Surcharge** No
Access Point Type Manhole **Coordinate System**
Northing **Easting** **Elevation** **Accuracy of GPS**
Inspection Status Surface Inspection
Additional Information

Manhole Surface Types

Concrete Pavement ☒ **Concrete Collar** ☐ **Asphalt** ☐ **Grass/Dirt** ☐ **Gravel** ☐ **Other** ☐

Cover**Cover Shape:** Circular**Cover Bearing Surface Diameter:** 26.0 in.**Cover Size:** 26.0 in.**Cover Size Width:****Cover Bearing Surface Diameter Width:****Cover Material:** Cast Iron**Cover Frame Fit:** Good**Vent Hole Diameter:****# of Vent Holes:****Cover Type**

- | | |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> Solid | <input type="checkbox"/> Bolted |
| <input type="checkbox"/> Vented/Slots | <input type="checkbox"/> Locking |
| <input type="checkbox"/> Gasketed | <input type="checkbox"/> Inner Cover |
| <input type="checkbox"/> Hatch Single | <input type="checkbox"/> Lamphole |
| <input type="checkbox"/> Hatch Double | |

Cover Condition

- | | |
|--|--|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Bolts Missing |
| <input type="checkbox"/> Restraint Missing | |
| <input type="checkbox"/> Restraint Defective | |

Cover Insert**Cover Insert Type:** None**Cover Insert Condition**

- | | |
|---|--------------------------------------|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Poorly Fitting | <input type="checkbox"/> Corroded |
| <input type="checkbox"/> Cracked/Torn/Holes | <input type="checkbox"/> Insert Fell |



Sheet No. 314

Survey Date 2012/07/31

P.O. No.

Location (No. & Name) EDISON RD

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Adjustment Ring

MH Adjustment Ring Type: Adjustable

MH Adjustment Ring Material: Cast Iron

MH Adjustment Ring Height:

MH Adjustment Ring

- | | |
|----------------------------------|--|
| <input type="checkbox"/> Sound | <input checked="" type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Poor Installation |

Frame

Frame Material: Cast Iron

Frame Bearing Surface Width: 1.0 in.

Frame Bearing Surface Depth: 2.0 in.

Frame Clear Opening Diameter: 24.0 in.

Frame Condition

- | | |
|----------------------------------|--|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input checked="" type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Coated |

Frame Offset Distance: 0 in.

Frame Depth:

Frame Seal Inflow:

Frame Seal Condition

- | | |
|---|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Loose/Not Attached |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Offset |
| <input checked="" type="checkbox"/> Missing | |

Chimney

Chimney Material 1: Brick

Chimney Material 2:

Chimney Clear Opening:

Chimney Depth: 1.3 ft.

Interior Chimney Coating/Liner:

Exterior Chimney Coating/Liner:

Chimney I/I:

Cone

Cone Type: Conical off

Exterior Cone Coating/Liner:

Interior Cone Coating/Liner:

Cone Depth: 5.3 ft.

Cone Material: Concrete

Wall

Wall Diameter 1:

Wall Diameter 2:

Wall Material: Concrete

Wall Depth: 8.4 ft.

Interior Wall Coating/Liner:

Exterior Wall Coating/Liner:

Bench

Bench Present?: Yes

Bench Material: Brick

Bench Coating/Liner:

Channel/Step**Channel**

Channel Material: Brick
Channel Type: Formed
Channel Exposure: Fully Opened
Channel Installed Yes

Step

Steps: 6

Step Material: Metal

Sheet No. 314

Survey Date 2012/07/31

P.O. No.

Location (No. & Name) EDISON RD

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Pipe Connections

Num	Clk Pos	Rim to Invert	Direc	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Cond	Connects to Access Point ID
1	6	8.9 ft.	Out	AC	C	8 in.		S	S	GR	589
2	12	8.8 ft.	In	AC	C	8 in.		S	S	GR	589

Observations

Distance	Vid Ref	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	ImRef	Remarks
0.8 ft.		CMI	DNF		J		5			12	12		
5.0 ft.		WI	IS		J					2	4		
7.3 ft.		WI	ID							6			
8.4 ft.		WI	ID							9			



PipeLogix Inc.
 Phone: 866-299-3150
 Fax: 760-406-6023

Sheet No. 318 Surveyor's name JDM Certificate Number U-212-14669 Date 2012/07/31
 System Owner TOWN OF TRUMBULL Survey Customer Time 10:10
 Drainage Area 16 Location (No. & Name) 620 EDISON
 P.O. No. Locality/City Name TRUMBULL CT
 Further Location Details Inspection Level Level 2
 Outgoing Rim to Invert 10.7 ft. Outgoing Grade to Invert 10.7 ft. Rim to Grade 0.0 ft.
 Use of Sewer Sanitary Year Laid Year Rehabilitated Tape/Media Number
 Purpose Infiltration and Inflow investigation Sewer Category
 Pre-Cleaning No Pre-Cleaning Date Cleaned Weather
 Location Code Main Highway - Suburban/Rural Potential for Runoff Evidence of Surcharge No
 Access Point Type Manhole Coordinate System
 Northing Easting Elevation Accuracy of GPS
 Inspection Status Surface Inspection
 Additional Information

Manhole Surface Types

Concrete Pavement ☒ Concrete Collar ☐ Asphalt ☐ Grass/Dirt ☐ Gravel ☐ Other ☐

Cover

Cover Shape: Circular

Cover Size: 26.0 in.

Cover Size Width:

Cover Material: Cast Iron

Vent Hole Diameter:

Cover Bearing Surface Diameter: 26.0 in.

Cover Bearing Surface Diameter Width:

Cover Frame Fit: Undersized

of Vent Holes:

Cover Type

- | | |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> Solid | <input type="checkbox"/> Bolted |
| <input type="checkbox"/> Vented/Slots | <input type="checkbox"/> Locking |
| <input type="checkbox"/> Gasketed | <input type="checkbox"/> Inner Cover |
| <input type="checkbox"/> Hatch Single | <input type="checkbox"/> Lamphole |
| <input type="checkbox"/> Hatch Double | |

Cover Condition

- | | |
|--|--|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Bolts Missing |
| <input type="checkbox"/> Restraint Missing | |
| <input type="checkbox"/> Restraint Defective | |

Cover Insert

Cover Insert Type: None

Cover Insert Condition

- | | |
|---|--------------------------------------|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Poorly Fitting | <input type="checkbox"/> Corroded |
| <input type="checkbox"/> Cracked/Torn/Holes | <input type="checkbox"/> Insert Fell |



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 Fax: 760-406-6023

Sheet No. 318

Survey Date 2012/07/31

P.O. No.

Location (No. & Name) 620 EDISON

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Adjustment Ring

MH Adjustment Ring Type: None

MH Adjustment Ring Material:

MH Adjustment Ring Height:

MH Adjustment Ring

- | | |
|----------------------------------|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Poor Installation |

Frame

Frame Material: Cast Iron

Frame Bearing Surface Width: 1.0 in.

Frame Bearing Surface Depth: 2.0 in.

Frame Clear Opening Diameter: 24.0 in.

Frame Condition

- | | |
|----------------------------------|--|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input checked="" type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Coated |

Frame Offset Distance: 0 in.

Frame Depth:

Frame Seal Inflow:

Frame Seal Condition

- | | |
|---|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Loose/Not Attached |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Offset |
| <input checked="" type="checkbox"/> Missing | |

Chimney

Chimney Material 1: Other

Chimney Material 2:

Chimney Clear Opening:

Chimney Depth: 0.0 ft.

Interior Chimney Coating/Liner:

Exterior Chimney Coating/Liner:

Chimney I/I:

Cone

Cone Type: Conical off

Exterior Cone Coating/Liner:

Interior Cone Coating/Liner:

Cone Depth: 4.7 ft.

Cone Material: Concrete

Wall

Wall Diameter 1:

Wall Diameter 2:

Wall Material: Concrete

Wall Depth: 10.2 ft.

Interior Wall Coating/Liner:

Exterior Wall Coating/Liner:

Bench

Bench Present?: Yes

Bench Material: Brick

Bench Coating/Liner:

Channel/Step**Channel**

Channel Material: Brick
Channel Type: Formed
Channel Exposure: Fully Opened
Channel Installed Yes

Step

Steps: 9

Step Material: Metal



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Sheet No. 318

Survey Date 2012/07/31

P.O. No.

Location (No. & Name) 620 EDISON

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Pipe Connections

Num	Clk Pos	Rim to Invert	Direc	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Cond	Connects to Access Point ID
1	6	10.7 ft.	Out	AC	C	8 in.		S	S	GR	590

Observations

Distance	Vid Ref	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	ImRef	Remarks
0.7 ft.		CMI	DNF				5			4	8		
10.2 ft.		B	IW							8			
10.7 ft.		C	IG							6			



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Sheet No. 184 **Surveyor's name** JDM **Certificate Number** U-212-14669 **Date** 2012/07/25
System Owner TOWN OF TRUMBULL **Survey Customer** **Time** 13:07
Drainage Area 16 **Location (No. & Name)** GERALDINE PL AND GERALDINE CIR
P.O. No. **Locality/City Name** TRUMBULL CT
Further Location Details **Inspection Level** Level 2
Outgoing Rim to Invert 9.2 ft. **Outgoing Grade to Invert** 9.2 ft. **Rim to Grade** 0.0 ft.
Use of Sewer Sanitary **Year Laid** **Year Rehabilitated** **Tape/Media Number**
Purpose Infiltration and Inflow investigation **Sewer Category**
Pre-Cleaning No Pre-Cleaning **Date Cleaned** **Weather**
Location Code Light Highway **Potential for Runoff** **Evidence of Surcharge** No
Access Point Type Manhole **Coordinate System**
Northing **Easting** **Elevation** **Accuracy of GPS**
Inspection Status Surface Inspection
Additional Information

Manhole Surface Types

Concrete Pavement ☒ **Concrete Collar** ☐ **Asphalt** ☐ **Grass/Dirt** ☐ **Gravel** ☐ **Other** ☐

Cover**Cover Shape:** Circular**Cover Bearing Surface Diameter:** 26.0 in.**Cover Size:** 26.0 in.**Cover Size Width:****Cover Bearing Surface Diameter Width:****Cover Material:** Cast Iron**Cover Frame Fit:** Good**Vent Hole Diameter:****# of Vent Holes:****Cover Type**

- | | |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> Solid | <input type="checkbox"/> Bolted |
| <input type="checkbox"/> Vented/Slots | <input type="checkbox"/> Locking |
| <input type="checkbox"/> Gasketed | <input type="checkbox"/> Inner Cover |
| <input type="checkbox"/> Hatch Single | <input type="checkbox"/> Lamphole |
| <input type="checkbox"/> Hatch Double | |

Cover Condition

- | | |
|--|--|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Bolts Missing |
| <input type="checkbox"/> Restraint Missing | |
| <input type="checkbox"/> Restraint Defective | |

Cover Insert**Cover Insert Type:** None**Cover Insert Condition**

- | | |
|---|--------------------------------------|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Poorly Fitting | <input type="checkbox"/> Corroded |
| <input type="checkbox"/> Cracked/Torn/Holes | <input type="checkbox"/> Insert Fell |



Sheet No. 184

Survey Date 2012/07/25

P.O. No.

Location (No. & Name) GERALDINE PL AND GERALDINE CIR

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Adjustment Ring

MH Adjustment Ring Type: None

MH Adjustment Ring Material:

MH Adjustment Ring Height:

MH Adjustment Ring

- | | |
|----------------------------------|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Poor Installation |

Frame

Frame Material: Cast Iron

Frame Bearing Surface Width: 1.0 in.

Frame Bearing Surface Depth: 2.0 in.

Frame Clear Opening Diameter: 24.0 in.

Frame Condition

- | | |
|---|---|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Coated |

Frame Offset Distance: 0 in.

Frame Depth:

Frame Seal Inflow:

Frame Seal Condition

- | | |
|---|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Loose/Not Attached |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Offset |
| <input checked="" type="checkbox"/> Missing | |

Chimney

Chimney Material 1: Brick

Chimney Material 2:

Chimney Clear Opening:

Chimney Depth: 1.7 ft.

Interior Chimney Coating/Liner:

Exterior Chimney Coating/Liner:

Chimney I/I:

Cone

Cone Type: Conical off

Exterior Cone Coating/Liner:

Interior Cone Coating/Liner:

Cone Depth: 6.2 ft.

Cone Material: Concrete

Wall

Wall Diameter 1:

Wall Diameter 2:

Wall Material: Concrete

Wall Depth: 8.7 ft.

Interior Wall Coating/Liner:

Exterior Wall Coating/Liner:

Bench

Bench Present?: Yes

Bench Material: Brick

Bench Coating/Liner:

Channel/Step**Channel**

Channel Material: Brick
Channel Type: Formed
Channel Exposure: Fully Opened
Channel Installed Yes

Step

Steps: 6

Step Material: Metal

Sheet No. 184

Survey Date 2012/07/25

P.O. No.

Location (No. & Name) GERALDINE PL AND GERALDINE CIR

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Pipe Connections

Num	Clk Pos	Rim to Invert	Direc	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Cond	Connects to Access Point ID
1	6	9.2 ft.	Out	AC	C	8 in.		S	S	GR	495
2	10	9.1 ft.	In	AC	C	8 in.		S	S	GR	495
3	1	9.1 ft.	In	AC	C	8 in.		S	S	GR	495

Observations

Distance	Vid Ref	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	ImRef	Remarks
3.3 ft.		WI	IW							12			
6.2 ft.		WI	IR		J					6			
6.2 ft.		WI	IW		J					12	12		



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Sheet No. 74 Surveyor's name JDM Certificate Number U-212-14669 Date 2012/07/17
 System Owner TOWN OF TRUMBULL Survey Customer Time 14:17
 Drainage Area 16 Location (No. & Name) 15 GIBSON AVE
 P.O. No. Locality/City Name TRUMBULL CT
 Further Location Details Inspection Level Level 2
 Outgoing Rim to Invert 11.0 ft. Outgoing Grade to Invert 11.0 ft. Rim to Grade 0.0 ft.
 Use of Sewer Sanitary Year Laid Year Rehabilitated Tape/Media Number
 Purpose Infiltration and Inflow investigation Sewer Category
 Pre-Cleaning No Pre-Cleaning Date Cleaned Weather
 Location Code Light Highway Potential for Runoff Evidence of Surcharge No
 Access Point Type Manhole Coordinate System
 Northing Easting Elevation Accuracy of GPS
 Inspection Status Surface Inspection
 Additional Information

Manhole Surface Types

Concrete Pavement ☒ Concrete Collar ☐ Asphalt ☐ Grass/Dirt ☐ Gravel ☐ Other ☐

Cover

Cover Shape: Circular

Cover Bearing Surface Diameter: 26.0 in.

Cover Size: 26.0 in.

Cover Size Width:

Cover Bearing Surface Diameter Width:

Cover Material: Cast Iron

Cover Frame Fit: Good

Vent Hole Diameter:

of Vent Holes:

Cover Type

- | | |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> Solid | <input type="checkbox"/> Bolted |
| <input type="checkbox"/> Vented/Slots | <input type="checkbox"/> Locking |
| <input type="checkbox"/> Gasketed | <input type="checkbox"/> Inner Cover |
| <input type="checkbox"/> Hatch Single | <input type="checkbox"/> Lamphole |
| <input type="checkbox"/> Hatch Double | |

Cover Condition

- | | |
|--|--|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Bolts Missing |
| <input type="checkbox"/> Restraint Missing | |
| <input type="checkbox"/> Restraint Defective | |

Cover Insert

Cover Insert Type: None

Cover Insert Condition

- | | |
|---|--------------------------------------|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Poorly Fitting | <input type="checkbox"/> Corroded |
| <input type="checkbox"/> Cracked/Torn/Holes | <input type="checkbox"/> Insert Fell |



Sheet No. 74

Survey Date 2012/07/17

P.O. No.

Location (No. & Name) 15 GIBSON AVE

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Adjustment Ring

MH Adjustment Ring Type: None

MH Adjustment Ring Material:

MH Adjustment Ring Height:

MH Adjustment Ring

- | | |
|----------------------------------|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Poor Installation |

Frame

Frame Material: Cast Iron

Frame Bearing Surface Width: 1.0 in.

Frame Bearing Surface Depth: 2.0 in.

Frame Clear Opening Diameter: 24.0 in.

Frame Condition

- | | |
|---|---|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Coated |

Frame Offset Distance: 0 in.

Frame Depth:

Frame Seal Inflow:

Frame Seal Condition

- | | |
|---|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Loose/Not Attached |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Offset |
| <input checked="" type="checkbox"/> Missing | |

Chimney

Chimney Material 1: Brick

Chimney Material 2:

Chimney Clear Opening:

Chimney Depth: 1.5 ft.

Interior Chimney Coating/Liner: Cementitious

Exterior Chimney Coating/Liner:

Chimney I/I:

Cone

Cone Type: Conical off

Exterior Cone Coating/Liner:

Interior Cone Coating/Liner:

Cone Depth: 5.3 ft.

Cone Material: Concrete

Wall

Wall Diameter 1:

Wall Diameter 2:

Wall Material: Concrete

Wall Depth: 10.5 ft.

Interior Wall Coating/Liner:

Exterior Wall Coating/Liner:

Bench

Bench Present?: Yes

Bench Material: Brick

Bench Coating/Liner: Cementitious

Channel/Step**Channel**

Channel Material: Brick
Channel Type: Formed
Channel Exposure: Fully Opened
Channel Installed Yes

Step

Steps: 8

Step Material: Metal

Sheet No. 74

Survey Date 2012/07/17

P.O. No.

Location (No. & Name) 15 GIBSON AVE

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Pipe Connections

Num	Clk Pos	Rim to Invert	Dirac	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Cond	Connects to Access Point ID
1	6	11.0 ft.	Out	AC	C	8 in.		D	D	GR	638
2	9	10.9 ft.	In	AC	C	8 in.		S	S	GR	638
3	12	7.8 ft.	In	AC	C	8 in.		D	D	OU	638
4	12	10.9 ft.	In	AC	C	8 in.		S	S	OL	638

Observations

Distance	Vid Ref	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	ImRef	Remarks
5.3 ft.		WI	IW		J					12	12		
6.5 ft.		WI	IW		J					12	12		
10.6 ft.		B	IR		J					5	8		1 GPM



Sheet No. 94 **Surveyor's name** JDM **Certificate Number** U-212-14669 **Date** 2012/07/19
System Owner TOWN OF TRUMBULL **Survey Customer** **Time** 09:51
Drainage Area 16 **Location (No. & Name)** GIBSON AND ALLAN
P.O. No. **Locality/City Name** TRUMBULL CT
Further Location Details **Inspection Level** Level 2
Outgoing Rim to Invert 8.0 ft. **Outgoing Grade to Invert** 8.0 ft. **Rim to Grade** 0.0 ft.
Use of Sewer Sanitary **Year Laid** **Year Rehabilitated** **Tape/Media Number**
Purpose Infiltration and Inflow investigation **Sewer Category**
Pre-Cleaning No Pre-Cleaning **Date Cleaned** **Weather**
Location Code Light Highway **Potential for Runoff** **Evidence of Surcharge** No
Access Point Type Manhole **Coordinate System**
Northing **Easting** **Elevation** **Accuracy of GPS**
Inspection Status Surface Inspection
Additional Information

Manhole Surface Types

Concrete Pavement ☒ **Concrete Collar** ☐ **Asphalt** ☐ **Grass/Dirt** ☐ **Gravel** ☐ **Other** ☐

Cover**Cover Shape:** Circular**Cover Bearing Surface Diameter:** 26.0 in.**Cover Size:** 26.0 in.**Cover Size Width:****Cover Bearing Surface Diameter Width:****Cover Material:** Cast Iron**Cover Frame Fit:** Good**Vent Hole Diameter:****# of Vent Holes:****Cover Type**

- | | |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> Solid | <input type="checkbox"/> Bolted |
| <input type="checkbox"/> Vented/Slots | <input type="checkbox"/> Locking |
| <input type="checkbox"/> Gasketed | <input type="checkbox"/> Inner Cover |
| <input type="checkbox"/> Hatch Single | <input type="checkbox"/> Lamphole |
| <input type="checkbox"/> Hatch Double | |

Cover Condition

- | | |
|--|--|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Bolts Missing |
| <input type="checkbox"/> Restraint Missing | |
| <input type="checkbox"/> Restraint Defective | |

Cover Insert**Cover Insert Type:** None**Cover Insert Condition**

- | | |
|---|--------------------------------------|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Poorly Fitting | <input type="checkbox"/> Corroded |
| <input type="checkbox"/> Cracked/Torn/Holes | <input type="checkbox"/> Insert Fell |



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Sheet No. 94

Survey Date 2012/07/19

P.O. No.

Location (No. & Name) GIBSON AND ALLAN

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Adjustment Ring

MH Adjustment Ring Type: None

MH Adjustment Ring Material:

MH Adjustment Ring Height:

MH Adjustment Ring

- | | |
|----------------------------------|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Poor Installation |

Frame

Frame Material: Cast Iron

Frame Bearing Surface Width: 1.0 in.

Frame Bearing Surface Depth: 2.0 in.

Frame Clear Opening Diameter: 24.0 in.

Frame Condition

- | | |
|---|---|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Coated |

Frame Offset Distance: 0 in.

Frame Depth:

Frame Seal Inflow:

Frame Seal Condition

- | | |
|---|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Loose/Not Attached |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Offset |
| <input checked="" type="checkbox"/> Missing | |

Chimney

Chimney Material 1: Brick

Chimney Material 2:

Chimney Clear Opening:

Chimney Depth: 1.3 ft.

Interior Chimney Coating/Liner:

Exterior Chimney Coating/Liner:

Chimney I/I:

Cone

Cone Type: Conical off

Exterior Cone Coating/Liner:

Interior Cone Coating/Liner:

Cone Depth: 5.3 ft.

Cone Material: Concrete

Wall

Wall Diameter 1:

Wall Diameter 2:

Wall Material: Concrete

Wall Depth: 7.5 ft.

Interior Wall Coating/Liner:

Exterior Wall Coating/Liner:

Bench

Bench Present?: Yes

Bench Material: Brick

Bench Coating/Liner: Cementitious

Channel/Step**Channel**

Channel Material: Brick
 Channel Type: Formed
 Channel Exposure: Fully Opened
 Channel Installed Yes

Step

Steps: 5

Step Material: Metal



Sheet No. 94

Survey Date 2012/07/19

P.O. No.

Location (No. & Name) GIBSON AND ALLAN

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Pipe Connections

Num	Clk Pos	Rim to Invert	Direc	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Cond	Connects to Access Point ID
1	6	8.0 ft.	Out	AC	C	8 in.		S	S	GR	641
2	12	7.9 ft.	In	AC	C	8 in.		S	S	GR	641
3	3	7.9 ft.	In	AC	C	8 in.		S	S	GR	641

Observations

Distance	Vid Ref	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	ImRef	Remarks
6.5 ft.		WI	ID		J					10			
6.5 ft.		WI	IR		J					2	3		
6.5 ft.		WI	MMM							2	3		
6.5 ft.		WI	MMM							6			
6.5 ft.		WI	IW		J					6			
7.5 ft.		B	IW		J					12			



Sheet No. 273 **Surveyor's name** JDM **Certificate Number** U-212-14669 **Date** 2012/07/30
System Owner TOWN OF TRUMBULL **Survey Customer** **Time** 11:46
Drainage Area 16 **Location (No. & Name)** INCA ROW
P.O. No. **Locality/City Name** TRUMBULL CT
Further Location Details **Inspection Level** Level 2
Outgoing Rim to Invert 9.7 ft. **Outgoing Grade to Invert** 8.2 ft. **Rim to Grade** 1.5 ft.
Use of Sewer Sanitary **Year Laid** **Year Rehabilitated** **Tape/Media Number**
Purpose Infiltration and Inflow investigation **Sewer Category**
Pre-Cleaning No Pre-Cleaning **Date Cleaned** **Weather**
Location Code Easement/Right of Way **Potential for Runoff** **Evidence of Surcharge** No
Access Point Type Manhole **Coordinate System**
Northing **Easting** **Elevation** **Accuracy of GPS**
Inspection Status Surface Inspection
Additional Information

Manhole Surface Types

Concrete Pavement ☐ Concrete Collar ☐ Asphalt ☐ Grass/Dirt ☒ Gravel ☐ Other ☐

Cover**Cover Shape:** Circular**Cover Bearing Surface Diameter:** 26.0 in.**Cover Size:** 26.0 in.**Cover Size Width:****Cover Bearing Surface Diameter Width:****Cover Material:** Cast Iron**Cover Frame Fit:** Good**Vent Hole Diameter:****# of Vent Holes:****Cover Type**

- | | |
|---|---|
| <input checked="" type="checkbox"/> Solid | <input type="checkbox"/> Bolted |
| <input type="checkbox"/> Vented/Slots | <input checked="" type="checkbox"/> Locking |
| <input type="checkbox"/> Gasketed | <input type="checkbox"/> Inner Cover |
| <input type="checkbox"/> Hatch Single | <input type="checkbox"/> Lamphole |
| <input type="checkbox"/> Hatch Double | |

Cover Condition

- | | |
|--|--|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Bolts Missing |
| <input type="checkbox"/> Restraint Missing | |
| <input type="checkbox"/> Restraint Defective | |

Cover Insert**Cover Insert Type:** None**Cover Insert Condition**

- | | |
|---|--------------------------------------|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Poorly Fitting | <input type="checkbox"/> Corroded |
| <input type="checkbox"/> Cracked/Torn/Holes | <input type="checkbox"/> Insert Fell |



Sheet No. 273

Survey Date 2012/07/30

P.O. No.

Location (No. & Name) INCA ROW

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Adjustment Ring

MH Adjustment Ring Type: None

MH Adjustment Ring Material:

MH Adjustment Ring Height:

MH Adjustment Ring

- | | |
|----------------------------------|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Poor Installation |

Frame

Frame Material: Cast Iron

Frame Bearing Surface Width: 1.0 in.

Frame Bearing Surface Depth: 2.0 in.

Frame Clear Opening Diameter: 24.0 in.

Frame Condition

- | | |
|----------------------------------|--|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input checked="" type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Coated |

Frame Offset Distance: 0 in.

Frame Depth:

Frame Seal Inflow:

Frame Seal Condition

- | | |
|---|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Loose/Not Attached |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Offset |
| <input checked="" type="checkbox"/> Missing | |

Chimney

Chimney Material 1: Brick

Chimney Material 2:

Chimney Clear Opening:

Chimney Depth: 2.4 ft.

Interior Chimney Coating/Liner:

Exterior Chimney Coating/Liner:

Chimney I/I:

Cone

Cone Type: Conical off

Exterior Cone Coating/Liner:

Interior Cone Coating/Liner:

Cone Depth: 5.0 ft.

Cone Material: Concrete

Wall

Wall Diameter 1:

Wall Diameter 2:

Wall Material: Concrete

Wall Depth: 8.0 ft.

Interior Wall Coating/Liner:

Exterior Wall Coating/Liner:

Bench

Bench Present?: Yes

Bench Material: Brick

Bench Coating/Liner:

Channel/Step**Channel**

Channel Material: Brick
Channel Type: Formed
Channel Exposure: Fully Opened
Channel Installed Yes

Step

Steps: 6

Step Material: Metal



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Sheet No. 273

Survey Date 2012/07/30

P.O. No.

Location (No. & Name) INCA ROW

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Pipe Connections

Num	Clk Pos	Rim to Invert	Direc	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Cond	Connects to Access Point ID
1	6	9.7 ft.	Out	AC	C	24 in.		S	S	GR	948A
2	12	9.6 ft.	In	AC	C	24 in.		S	S	GR	948A
3	3	8.5 ft.	In	PVC	C	8 in.		S	S	GR	948A

Observations

Distance	Vid Ref	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	ImRef	Remarks
9.5 ft.		C	IR							5			

Sheet No. 4 **Surveyor's name** JDM **Certificate Number** U-212-14669 **Date** 2012/06/08
System Owner Town of Trumbull **Survey Customer** **Time** 09:26
Drainage Area 16 **Location (No. & Name)** Jerome
P.O. No. **Locality/City Name** Trumbull
Further Location Details **Inspection Level** Level 2
Outgoing Rim to Invert 10.7 ft. **Outgoing Grade to Invert** 10.7 ft. **Rim to Grade** 0.0 ft.
Use of Sewer Sanitary **Year Laid** **Year Rehabilitated** **Tape/Media Number**
Purpose Infiltration and Inflow investigation **Sewer Category**
Pre-Cleaning No Pre-Cleaning **Date Cleaned** **Weather**
Location Code Light Highway **Potential for Runoff** **Evidence of Surcharge** No
Access Point Type Manhole **Coordinate System**
Northing **Easting** **Elevation** **Accuracy of GPS**
Inspection Status Surface Inspection
Additional Information

Manhole Surface TypesConcrete Pavement ☒Concrete Collar ☐Asphalt ☐Grass/Dirt ☐Gravel ☐Other ☐**Cover****Cover Shape:** Circular**Cover Size:** 26.0 in.**Cover Size Width:****Cover Material:** Cast Iron**Vent Hole Diameter:****Cover Bearing Surface Diameter:** 26.0 in.**Cover Bearing Surface Diameter Width:****Cover Frame Fit:** Good**# of Vent Holes:****Cover Type**☒ Solid☐ Bolted☐ Vented/Slots☐ Locking☐ Gasketed☐ Inner Cover☐ Hatch Single☐ Lamphole☐ Hatch Double**Cover Condition**☒ Sound☐ Missing☐ Cracked☐ Corroded/Pitted☐ Broken☐ Bolts Missing☐ Restraint Missing☐ Restraint Defective**Cover Insert****Cover Insert Type:** None**Cover Insert Condition**☐ Sound☐ Leaking☐ Poorly Fitting☐ Corroded☐ Cracked/Torn/Holes☐ Insert Fell

Sheet No. 4

Survey Date 2012/06/08

P.O. No.

Location (No. & Name) Jerome

Inspection Level Level 2

Locality/City Name Trumbull

Inspection Status Surface Inspection

Adjustment Ring

MH Adjustment Ring Type: None

MH Adjustment Ring Material:

MH Adjustment Ring Height:

MH Adjustment Ring

- | | |
|----------------------------------|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Poor Installation |

Frame

Frame Material: Cast Iron

Frame Bearing Surface Width: 1.0 in.

Frame Bearing Surface Depth: 2.0 in.

Frame Clear Opening Diameter: 24.0 in.

Frame Condition

- | | |
|---|---|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Coated |

Frame Offset Distance: 0 in.

Frame Depth:

Frame Seal Inflow: None

Frame Seal Condition

- | | |
|---|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Loose/Not Attached |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Offset |
| <input checked="" type="checkbox"/> Missing | |

Chimney

Chimney Material 1: Brick

Chimney Material 2:

Chimney Clear Opening:

Chimney Depth: 1.3 ft.

Interior Chimney Coating/Liner:

Exterior Chimney Coating/Liner:

Chimney I/I:

Cone

Cone Type: Conical off

Exterior Cone Coating/Liner:

Interior Cone Coating/Liner:

Cone Depth: 5.7 ft.

Cone Material: Concrete

Wall

Wall Diameter 1:

Wall Diameter 2:

Wall Material: Concrete

Wall Depth: 10.3 ft.

Interior Wall Coating/Liner:

Exterior Wall Coating/Liner:

Bench

Bench Present?: Yes

Bench Material: Brick

Bench Coating/Liner:

Channel/Step**Channel**

Channel Material: Brick
Channel Type: Formed
Channel Exposure: Fully Opened
Channel Installed Yes

Step

Steps: 8

Step Material: Metal



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Sheet No. 4

Survey Date 2012/06/08

P.O. No.

Location (No. & Name) Jerome

Inspection Level Level 2

Locality/City Name Trumbull

Inspection Status Surface Inspection

Pipe Connections

Num	Clk Pos	Rim to Invert	Direc	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Cond	Connects to Access Point ID
1	6	10.7 ft.	Out	AC	C	8 in.		S	S	GR	656
2	12	10.6 ft.	In	AC	C	8 in.		S	S	OL	656
3	12	6.5 ft.	In	AC	C	8 in.		S	S	OU	656

Observations

Distance	Vid Ref	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	ImRef	Remarks
9.2 ft.		WI	IG		J					2	8		Infiltration gusher at joint, continuous, ~3gpm



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MACP Survey Report 607

Report Date 2012/08/22

Sheet No. 120 Surveyor's name JDM Certificate Number U-212-14669 Date 2012/07/20
 System Owner TOWN OF TRUMBULL Survey Customer Time 09:42
 Drainage Area 16 Location (No. & Name) SUTTON PL
 P.O. No. Locality/City Name TRUMBULL CT
 Further Location Details Inspection Level Level 2
 Outgoing Rim to Invert 7.7 ft. Outgoing Grade to Invert 7.7 ft. Rim to Grade 0.0 ft.
 Use of Sewer Sanitary Year Laid Year Rehabilitated Tape/Media Number
 Purpose Infiltration and Inflow investigation Sewer Category
 Pre-Cleaning No Pre-Cleaning Date Cleaned Weather
 Location Code Light Highway Potential for Runoff Evidence of Surcharge No
 Access Point Type Manhole Coordinate System
 Northing Easting Elevation Accuracy of GPS
 Inspection Status Surface Inspection
 Additional Information

Manhole Surface Types

Concrete Pavement ☒ Concrete Collar ☐ Asphalt ☐ Grass/Dirt ☐ Gravel ☐ Other ☐

Cover

Cover Shape: Circular

Cover Bearing Surface Diameter: 26.0 in.

Cover Size: 26.0 in.

Cover Size Width:

Cover Bearing Surface Diameter Width:

Cover Material: Cast Iron

Cover Frame Fit: Good

Vent Hole Diameter:

of Vent Holes:

Cover Type

- | | |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> Solid | <input type="checkbox"/> Bolted |
| <input type="checkbox"/> Vented/Slots | <input type="checkbox"/> Locking |
| <input type="checkbox"/> Gasketed | <input type="checkbox"/> Inner Cover |
| <input type="checkbox"/> Hatch Single | <input type="checkbox"/> Lamphole |
| <input type="checkbox"/> Hatch Double | |

Cover Condition

- | | |
|--|--|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Bolts Missing |
| <input type="checkbox"/> Restraint Missing | |
| <input type="checkbox"/> Restraint Defective | |

Cover Insert

Cover Insert Type: None

Cover Insert Condition

- | | |
|---|--------------------------------------|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Poorly Fitting | <input type="checkbox"/> Corroded |
| <input type="checkbox"/> Cracked/Torn/Holes | <input type="checkbox"/> Insert Fell |



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Sheet No. 120

Survey Date 2012/07/20

P.O. No.

Location (No. & Name) SUTTON PL

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Adjustment Ring

MH Adjustment Ring Type: None

MH Adjustment Ring Material:

MH Adjustment Ring Height:

MH Adjustment Ring

- | | |
|----------------------------------|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Poor Installation |

Frame

Frame Material: Cast Iron

Frame Bearing Surface Width: 1.0 in.

Frame Bearing Surface Depth: 2.0 in.

Frame Clear Opening Diameter: 24.0 in.

Frame Condition

- | | |
|---|---|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Coated |

Frame Offset Distance: 0 in.

Frame Depth:

Frame Seal Inflow:

Frame Seal Condition

- | | |
|---|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Loose/Not Attached |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Offset |
| <input checked="" type="checkbox"/> Missing | |

Chimney

Chimney Material 1: Brick

Chimney Material 2: Concrete

Chimney Clear Opening:

Chimney Depth: 2.0 ft.

Interior Chimney Coating/Liner:

Exterior Chimney Coating/Liner:

Chimney I/I:

Cone

Cone Type: Conical off

Exterior Cone Coating/Liner:

Interior Cone Coating/Liner:

Cone Depth: 6.1 ft.

Cone Material: Concrete

Wall

Wall Diameter 1:

Wall Diameter 2:

Wall Material: Concrete

Wall Depth: 7.3 ft.

Interior Wall Coating/Liner:

Exterior Wall Coating/Liner:

Bench

Bench Present?: Yes

Bench Material: Brick

Bench Coating/Liner: Cementitious

Channel/Step**Channel**

Channel Material: Brick
Channel Type: Formed
Channel Exposure: Fully Opened
Channel Installed Yes

Step

Steps: 4

Step Material: Metal

Sheet No. 120

Survey Date 2012/07/20

P.O. No.

Location (No. & Name) SUTTON PL

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Pipe Connections

Num	Clk Pos	Rim to Invert	Direc	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Cond	Connects to Access Point ID
1	6	7.7 ft.	Out	AC	C	8 in.		S	S	GR	607
2	12	7.6 ft.	In	AC	C	8 in.		S	S	GR	607

Sheet No. 102 Surveyor's name JDM Certificate Number U-212-14669 Date 2012/07/19
 System Owner TOWN OF TRUMBULL Survey Customer Time 10:53
 Drainage Area 16 Location (No. & Name) 56 LINLEY RD
 P.O. No. Locality/City Name TRUMBULL CT
 Further Location Details Inspection Level Level 2
 Outgoing Rim to Invert 10.0 ft. Outgoing Grade to Invert 10.0 ft. Rim to Grade 0.0 ft.
 Use of Sewer Sanitary Year Laid Year Rehabilitated Tape/Media Number
 Purpose Infiltration and Inflow investigation Sewer Category
 Pre-Cleaning No Pre-Cleaning Date Cleaned Weather
 Location Code Light Highway Potential for Runoff Evidence of Surcharge No
 Access Point Type Manhole Coordinate System
 Northing Easting Elevation Accuracy of GPS
 Inspection Status Surface Inspection
 Additional Information

Manhole Surface Types

Concrete Pavement ☒ Concrete Collar ☐ Asphalt ☐ Grass/Dirt ☐ Gravel ☐ Other ☐

Cover

Cover Shape: Circular

Cover Bearing Surface Diameter: 26.0 in.

Cover Size: 26.0 in.

Cover Size Width:

Cover Bearing Surface Diameter Width:

Cover Material: Cast Iron

Cover Frame Fit: Good

Vent Hole Diameter:

of Vent Holes:

Cover Type

- | | |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> Solid | <input type="checkbox"/> Bolted |
| <input type="checkbox"/> Vented/Slots | <input type="checkbox"/> Locking |
| <input type="checkbox"/> Gasketed | <input type="checkbox"/> Inner Cover |
| <input type="checkbox"/> Hatch Single | <input type="checkbox"/> Lamphole |
| <input type="checkbox"/> Hatch Double | |

Cover Condition

- | | |
|--|--|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Bolts Missing |
| <input type="checkbox"/> Restraint Missing | |
| <input type="checkbox"/> Restraint Defective | |

Cover Insert

Cover Insert Type: None

Cover Insert Condition

- | | |
|---|--------------------------------------|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Poorly Fitting | <input type="checkbox"/> Corroded |
| <input type="checkbox"/> Cracked/Torn/Holes | <input type="checkbox"/> Insert Fell |



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Sheet No. 102

Survey Date 2012/07/19

P.O. No.

Location (No. & Name) 56 LINLEY RD

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Adjustment Ring

MH Adjustment Ring Type: None

MH Adjustment Ring Material:

MH Adjustment Ring Height:

MH Adjustment Ring

- | | |
|----------------------------------|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Poor Installation |

Frame

Frame Material: Cast Iron

Frame Bearing Surface Width: 1.0 in.

Frame Bearing Surface Depth: 2.0 in.

Frame Clear Opening Diameter: 24.0 in.

Frame Condition

- | | |
|---|---|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Coated |

Frame Offset Distance: 0 in.

Frame Depth:

Frame Seal Inflow:

Frame Seal Condition

- | | |
|---|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Loose/Not Attached |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Offset |
| <input checked="" type="checkbox"/> Missing | |

Chimney

Chimney Material 1: Brick

Chimney Material 2:

Chimney Clear Opening:

Chimney Depth: 1.8 ft.

Interior Chimney Coating/Liner: Cementitious

Exterior Chimney Coating/Liner:

Chimney I/I:

Cone

Cone Type: Conical off

Exterior Cone Coating/Liner:

Interior Cone Coating/Liner:

Cone Depth: 5.0 ft.

Cone Material: Concrete

Wall

Wall Diameter 1:

Wall Diameter 2:

Wall Material: Concrete

Wall Depth: 9.5 ft.

Interior Wall Coating/Liner:

Exterior Wall Coating/Liner:

Bench

Bench Present?: Yes

Bench Material: Brick

Bench Coating/Liner: Cementitious

Channel/Step**Channel**

Channel Material: Brick
Channel Type: Formed
Channel Exposure: Fully Opened
Channel Installed Yes

Step

Steps: 6

Step Material: Metal

Sheet No. 102

Survey Date 2012/07/19

P.O. No.

Location (No. & Name) 56 LINLEY RD

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Pipe Connections

Num	Clk Pos	Rim to Invert	Dir	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Cond	Connects to Access Point ID
1	6	10.0 ft.	Out	AC	C	8 in.		S	S	GR	605
2	9	9.9 ft.	In	AC	C	8 in.		S	S	OL	605
3	9	4.7 ft.	In	AC	C	8 in.		S	S	OU	605
4	3	9.9 ft.	In	AC	C	8 in.		S	S	GR	605

Observations

Distance	Vid Ref	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	ImRef	Remarks
5.0 ft.		COI	IS		J					8			
8.0 ft.		WI	IW		J					7	8		
9.5 ft.		B	IR		J					8			
9.5 ft.		B	IR		J					3			



Sheet No. 290 Surveyor's name JDM Certificate Number U-212-14669 Date 2012/07/30
 System Owner TOWN OF TRUMBULL Survey Customer Time 14:03
 Drainage Area 16 Location (No. & Name) 27 CLIFF VIEW
 P.O. No. Locality/City Name TRUMBULL CT
 Further Location Details Inspection Level Level 2
 Outgoing Rim to Invert 9.9 ft. Outgoing Grade to Invert 9.9 ft. Rim to Grade 0.0 ft.
 Use of Sewer Sanitary Year Laid Year Rehabilitated Tape/Media Number
 Purpose Infiltration and Inflow investigation Sewer Category
 Pre-Cleaning No Pre-Cleaning Date Cleaned Weather
 Location Code Light Highway Potential for Runoff Evidence of Surge No
 Access Point Type Manhole Coordinate System
 Northing Easting Elevation Accuracy of GPS
 Inspection Status Surface Inspection
 Additional Information

Manhole Surface Types

Concrete Pavement ☒ Concrete Collar ☐ Asphalt ☐ Grass/Dirt ☐ Gravel ☐ Other ☐

Cover

Cover Shape: Circular

Cover Bearing Surface Diameter: 26.0 in.

Cover Size: 26.0 in.

Cover Size Width:

Cover Bearing Surface Diameter Width:

Cover Material: Cast Iron

Cover Frame Fit: Good

Vent Hole Diameter:

of Vent Holes:

Cover Type

- | | |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> Solid | <input type="checkbox"/> Bolted |
| <input type="checkbox"/> Vented/Slots | <input type="checkbox"/> Locking |
| <input type="checkbox"/> Gasketed | <input type="checkbox"/> Inner Cover |
| <input type="checkbox"/> Hatch Single | <input type="checkbox"/> Lamphole |
| <input type="checkbox"/> Hatch Double | |

Cover Condition

- | | |
|--|--|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Bolts Missing |
| <input type="checkbox"/> Restraint Missing | |
| <input type="checkbox"/> Restraint Defective | |

Cover Insert

Cover Insert Type: None

Cover Insert Condition

- | | |
|---|--------------------------------------|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Poorly Fitting | <input type="checkbox"/> Corroded |
| <input type="checkbox"/> Cracked/Torn/Holes | <input type="checkbox"/> Insert Fell |



Sheet No. 290

Survey Date 2012/07/30

P.O. No.

Location (No. & Name) 27 CLIFF VIEW

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Adjustment Ring

MH Adjustment Ring Type: None

MH Adjustment Ring Material:

MH Adjustment Ring Height:

MH Adjustment Ring

- | | |
|----------------------------------|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Poor Installation |

Frame

Frame Material: Cast Iron

Frame Bearing Surface Width: 1.0 in.

Frame Bearing Surface Depth: 2.0 in.

Frame Clear Opening Diameter: 24.0 in.

Frame Condition

- | | |
|---|---|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Coated |

Frame Offset Distance: 0 in.

Frame Depth:

Frame Seal Inflow:

Frame Seal Condition

- | | |
|---|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Loose/Not Attached |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Offset |
| <input checked="" type="checkbox"/> Missing | |

Chimney

Chimney Material 1: Brick

Chimney Material 2:

Chimney Clear Opening:

Chimney Depth: 1.6 ft.

Interior Chimney Coating/Liner:

Exterior Chimney Coating/Liner:

Chimney I/I:

Cone

Cone Type: Conical off

Exterior Cone Coating/Liner:

Interior Cone Coating/Liner:

Cone Depth: 5.7 ft.

Cone Material: Concrete

Wall

Wall Diameter 1:

Wall Diameter 2:

Wall Material: Concrete

Wall Depth: 8.9 ft.

Interior Wall Coating/Liner:

Exterior Wall Coating/Liner:

Bench

Bench Present?: Yes

Bench Material: Brick

Bench Coating/Liner:

Channel/Step**Channel**

Channel Material: Brick
Channel Type: Formed
Channel Exposure: Fully Opened
Channel Installed Yes

Step

Steps: 7

Step Material: Metal



MACP Survey Report 783**Report Date** 2012/08/22**Sheet No.** 290**Survey Date** 2012/07/30**P.O. No.****Location (No. & Name)** 27 CLIFF VIEW**Inspection Level** Level 2**Locality/City Name** TRUMBULL CT**Inspection Status** Surface Inspection**Pipe Connections**

Num	Clk Pos	Rim to Invert	Direc	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Cond	Connects to Access Point ID
1	6	9.9 ft.	Out	AC	C	12 in.		S	S	GR	783
2	9	9.8 ft.	In	AC	C	12 in.		S	S	GR	783
3	3	9.8 ft.	In	PVC	C	8 in.		S	S	GR	783

Observations

Distance	Vid Ref	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	ImRef	Remarks
1.0 ft.		CMI	MML							2			
6.8 ft.		WI	IR							7			
8.8 ft.		WI	IW		J					12	12		
8.8 ft.		WI	IR		J					1	2		
8.8 ft.		WI	IR		J					4	5		



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Fax: 760-406-6023

Sheet No. 15 **Surveyor's name** JDM **Certificate Number** U-212-14669 **Date** 2012/06/13
System Owner Town of Trumbull **Survey Customer** **Time** 09:38
Drainage Area 16 **Location (No. & Name)** MacArthur and Gibson
P.O. No. **Locality/City Name** Trumbull
Further Location Details **Inspection Level** Level 2
Outgoing Rim to Invert 9.1 ft. **Outgoing Grade to Invert** 9.1 ft. **Rim to Grade** 0.0 ft.
Use of Sewer Sanitary **Year Laid** **Year Rehabilitated** **Tape/Media Number**
Purpose Infiltration and Inflow investigation **Sewer Category**
Pre-Cleaning No Pre-Cleaning **Date Cleaned** **Weather**
Location Code Light Highway **Potential for Runoff** **Evidence of Surcharge** No
Access Point Type Manhole **Coordinate System**
Northing **Easting** **Elevation** **Accuracy of GPS**
Inspection Status Surface Inspection
Additional Information

Manhole Surface Types

Concrete Pavement ☒ **Concrete Collar** ☐ **Asphalt** ☐ **Grass/Dirt** ☐ **Gravel** ☐ **Other** ☐

Cover

Cover Shape: **Cover Bearing Surface Diameter:**
Cover Size: **Cover Size Width:** **Cover Bearing Surface Diameter Width:**
Cover Material: **Cover Frame Fit:**
Vent Hole Diameter: **# of Vent Holes:**

Cover Type

- | | |
|---------------------------------------|--------------------------------------|
| <input type="checkbox"/> Solid | <input type="checkbox"/> Bolted |
| <input type="checkbox"/> Vented/Slots | <input type="checkbox"/> Locking |
| <input type="checkbox"/> Gasketed | <input type="checkbox"/> Inner Cover |
| <input type="checkbox"/> Hatch Single | <input type="checkbox"/> Lamphole |
| <input type="checkbox"/> Hatch Double | |

Cover Condition

- | | |
|--|--|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Bolts Missing |
| <input type="checkbox"/> Restraint Missing | |
| <input type="checkbox"/> Restraint Defective | |

Cover Insert

Cover Insert Type: None

Cover Insert Condition

- | | |
|---|--------------------------------------|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Poorly Fitting | <input type="checkbox"/> Corroded |
| <input type="checkbox"/> Cracked/Torn/Holes | <input type="checkbox"/> Insert Fell |

Sheet No. 15

Survey Date 2012/06/13

P.O. No.

Location (No. & Name) MacArthur and Gibson

Inspection Level Level 2

Locality/City Name Trumbull

Inspection Status Surface Inspection

Adjustment Ring

MH Adjustment Ring Type: None

MH Adjustment Ring Material:

MH Adjustment Ring Height:

MH Adjustment Ring

- | | |
|----------------------------------|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Poor Installation |

Frame

Frame Material: Cast Iron

Frame Bearing Surface Width: 1.0 in.

Frame Bearing Surface Depth: 2.0 in.

Frame Clear Opening Diameter: 24.0 in.

Frame Condition

- | | |
|---|---|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Coated |

Frame Offset Distance:

Frame Depth:

Frame Seal Inflow:

Frame Seal Condition

- | | |
|---|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Loose/Not Attached |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Offset |
| <input checked="" type="checkbox"/> Missing | |

Chimney

Chimney Material 1: Brick

Chimney Material 2:

Chimney Clear Opening:

Chimney Depth: 1.4 ft.

Interior Chimney Coating/Liner:

Exterior Chimney Coating/Liner:

Chimney I/I:

Cone

Cone Type: Conical off

Exterior Cone Coating/Liner:

Interior Cone Coating/Liner:

Cone Depth: 5.3 ft.

Cone Material: Concrete

Wall

Wall Diameter 1:

Wall Diameter 2:

Wall Material: Concrete

Wall Depth: 8.7 ft.

Interior Wall Coating/Liner:

Exterior Wall Coating/Liner:

Bench

Bench Present?: Yes

Bench Material: Brick

Bench Coating/Liner: Cementitious

Channel/Step**Channel**

Channel Material: Brick
 Channel Type: Formed
 Channel Exposure: Fully Opened
 Channel Installed Yes

Step

Steps: 6

Step Material: Metal



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Sheet No. 15

Survey Date 2012/06/13

P.O. No.

Location (No. & Name) MacArthur and Gibson

Inspection Level Level 2

Locality/City Name Trumbull

Inspection Status Surface Inspection

Pipe Connections

Num	Clk Pos	Rim to Invert	Direc	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Cond	Connects to Access Point ID
1	6	9.1 ft.	Out	AC	C	8 in.		S	S	GR	644
2	9	9.0 ft.	In	AC	C	8 in.		S	S	GR	644
3	3	9.0 ft.	In	AC	C	8 in.		S	S	GR	644

Observations

Distance	Vid Ref	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	ImRef	Remarks
7.6 ft.		WI	IR		J					7			Total II in MH 3 GPM
7.6 ft.		WI	IR		J					11			
7.6 ft.		WI	IR		J					1			
7.6 ft.		WI	IR		J					3			
7.6 ft.		WI	IR		J					5			



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Sheet No. 255 Surveyor's name JDM Certificate Number U-212-14669 Date 2012/07/27
 System Owner TOWN OF TRUMBULL Survey Customer Time 11:04
 Drainage Area 16 Location (No. & Name) 7 MANOR
 P.O. No. Locality/City Name TRUMBULL CT
 Further Location Details Inspection Level Level 2
 Outgoing Rim to Invert 13.7 ft. Outgoing Grade to Invert 13.7 ft. Rim to Grade 0.0 ft.
 Use of Sewer Sanitary Year Laid Year Rehabilitated Tape/Media Number
 Purpose Infiltration and Inflow investigation Sewer Category
 Pre-Cleaning No Pre-Cleaning Date Cleaned Weather
 Location Code Light Highway Potential for Runoff Evidence of Surge No
 Access Point Type Manhole Coordinate System
 Northing Easting Elevation Accuracy of GPS
 Inspection Status Surface Inspection
 Additional Information

Manhole Surface Types

Concrete Pavement ☒ Concrete Collar ☐ Asphalt ☐ Grass/Dirt ☐ Gravel ☐ Other ☐

Cover

Cover Shape: Circular

Cover Bearing Surface Diameter: 26.0 in.

Cover Size: 26.0 in.

Cover Size Width:

Cover Bearing Surface Diameter Width:

Cover Material: Cast Iron

Cover Frame Fit: Good

Vent Hole Diameter:

of Vent Holes:

Cover Type

- | | |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> Solid | <input type="checkbox"/> Bolted |
| <input type="checkbox"/> Vented/Slots | <input type="checkbox"/> Locking |
| <input type="checkbox"/> Gasketed | <input type="checkbox"/> Inner Cover |
| <input type="checkbox"/> Hatch Single | <input type="checkbox"/> Lamphole |
| <input type="checkbox"/> Hatch Double | |

Cover Condition

- | | |
|--|--|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Bolts Missing |
| <input type="checkbox"/> Restraint Missing | |
| <input type="checkbox"/> Restraint Defective | |

Cover Insert

Cover Insert Type: None

Cover Insert Condition

- | | |
|---|--------------------------------------|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Poorly Fitting | <input type="checkbox"/> Corroded |
| <input type="checkbox"/> Cracked/Torn/Holes | <input type="checkbox"/> Insert Fell |



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Sheet No. 255

Survey Date 2012/07/27

P.O. No.

Location (No. & Name) 7 MANOR

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Adjustment Ring

MH Adjustment Ring Type: None

MH Adjustment Ring Material:

MH Adjustment Ring Height:

MH Adjustment Ring

- | | |
|----------------------------------|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Poor Installation |

Frame

Frame Material: Cast Iron

Frame Bearing Surface Width: 1.0 in.

Frame Bearing Surface Depth: 2.0 in.

Frame Clear Opening Diameter: 24.0 in.

Frame Condition

- | | |
|---|---|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Coated |

Frame Offset Distance: 0 in.

Frame Depth:

Frame Seal Inflow:

Frame Seal Condition

- | | |
|---|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Loose/Not Attached |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Offset |
| <input checked="" type="checkbox"/> Missing | |

Chimney

Chimney Material 1: Brick

Chimney Material 2:

Chimney Clear Opening:

Chimney Depth: 1.4 ft.

Interior Chimney Coating/Liner:

Exterior Chimney Coating/Liner:

Chimney I/I:

Cone

Cone Type: Conical off

Exterior Cone Coating/Liner:

Interior Cone Coating/Liner:

Cone Depth: 6.0 ft.

Cone Material: Concrete

Wall

Wall Diameter 1:

Wall Diameter 2:

Wall Material: Concrete

Wall Depth: 12.4 ft.

Interior Wall Coating/Liner:

Exterior Wall Coating/Liner:

Bench

Bench Present?: Yes

Bench Material: Brick

Bench Coating/Liner:

Channel/Step**Channel**

Channel Material: Brick
Channel Type: Formed
Channel Exposure: Fully Opened
Channel Installed Yes

Step

Steps: 9

Step Material: Metal

Sheet No. 255

Survey Date 2012/07/27

P.O. No.

Location (No. & Name) 7 MANOR

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Pipe Connections

Num	Clk Pos	Rim to Invert	Direc	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Cond	Connects to Access Point ID
1	6	13.7 ft.	Out	RCP	C	24 in.		S	S	GR	772
2	11	13.7 ft.	In	RCP	C	24 in.		S	S	GR	772

Observations

Distance	Vid Ref	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	ImRef	Remarks
12.4 ft.		B	IR							7	10		



Sheet No. 331 **Surveyor's name** JDM **Certificate Number** U-212-14669 **Date** 2012/07/31
System Owner TOWN OF TRUMBULL **Survey Customer** **Time** 12:59
Drainage Area 16 **Location (No. & Name)** MIDDLEBROOKS
P.O. No. **Locality/City Name** TRUMBULL CT
Further Location Details **Inspection Level** Level 2
Outgoing Rim to Invert 14.8 ft. **Outgoing Grade to Invert** 14.8 ft. **Rim to Grade** 0.0 ft.
Use of Sewer Sanitary **Year Laid** **Year Rehabilitated** **Tape/Media Number**
Purpose Infiltration and Inflow investigation **Sewer Category**
Pre-Cleaning No Pre-Cleaning **Date Cleaned** **Weather**
Location Code Light Highway **Potential for Runoff** **Evidence of Surcharge** No
Access Point Type Manhole **Coordinate System**
Northing **Easting** **Elevation** **Accuracy of GPS**
Inspection Status Surface Inspection
Additional Information

Manhole Surface Types

Concrete Pavement ☒ **Concrete Collar** ☐ **Asphalt** ☐ **Grass/Dirt** ☐ **Gravel** ☐ **Other** ☐

Cover**Cover Shape:** Circular**Cover Bearing Surface Diameter:** 26.0 in.**Cover Size:** 26.0 in.**Cover Size Width:****Cover Bearing Surface Diameter Width:****Cover Material:** Cast Iron**Cover Frame Fit:** Good**Vent Hole Diameter:****# of Vent Holes:****Cover Type**

- | | |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> Solid | <input type="checkbox"/> Bolted |
| <input type="checkbox"/> Vented/Slots | <input type="checkbox"/> Locking |
| <input type="checkbox"/> Gasketed | <input type="checkbox"/> Inner Cover |
| <input type="checkbox"/> Hatch Single | <input type="checkbox"/> Lamphole |
| <input type="checkbox"/> Hatch Double | |

Cover Condition

- | | |
|--|--|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Bolts Missing |
| <input type="checkbox"/> Restraint Missing | |
| <input type="checkbox"/> Restraint Defective | |

Cover Insert**Cover Insert Type:** None**Cover Insert Condition**

- | | |
|---|--------------------------------------|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Poorly Fitting | <input type="checkbox"/> Corroded |
| <input type="checkbox"/> Cracked/Torn/Holes | <input type="checkbox"/> Insert Fell |



Sheet No. 331

Survey Date 2012/07/31

P.O. No.

Location (No. & Name) MIDDLEBROOKS

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Adjustment Ring

MH Adjustment Ring Type: None

MH Adjustment Ring Material:

MH Adjustment Ring Height:

MH Adjustment Ring

- | | |
|----------------------------------|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Poor Installation |

Frame

Frame Material: Cast Iron

Frame Bearing Surface Width: 1.0 in.

Frame Bearing Surface Depth: 2.0 in.

Frame Clear Opening Diameter: 24.0 in.

Frame Condition

- | | |
|---|---|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Coated |

Frame Offset Distance: 0 in.

Frame Depth:

Frame Seal Inflow:

Frame Seal Condition

- | | |
|---|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Loose/Not Attached |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Offset |
| <input checked="" type="checkbox"/> Missing | |

Chimney

Chimney Material 1: Brick

Chimney Material 2:

Chimney Clear Opening:

Chimney Depth: 1.6 ft.

Interior Chimney Coating/Liner:

Exterior Chimney Coating/Liner:

Chimney I/I:

Cone

Cone Type: Conical off

Exterior Cone Coating/Liner:

Interior Cone Coating/Liner:

Cone Depth: 7.1 ft.

Cone Material: Concrete

Wall

Wall Diameter 1:

Wall Diameter 2:

Wall Material: Concrete

Wall Depth: 14.3 ft.

Interior Wall Coating/Liner:

Exterior Wall Coating/Liner:

Bench

Bench Present?: Yes

Bench Material: Brick

Bench Coating/Liner:

Channel/Step**Channel**

Channel Material: Brick
Channel Type: Formed
Channel Exposure: Fully Opened
Channel Installed Yes

Step

Steps: 11

Step Material: Metal



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Sheet No. 331

Survey Date 2012/07/31

P.O. No.

Location (No. & Name) MIDDLEBROOKS

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Pipe Connections

Num	Clk Pos	Rim to Invert	Direc	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Cond	Connects to Access Point ID
1	6	14.8 ft.	Out	AC	C	8 in.		S	S	GR	694
2	12	14.7 ft.	In	AC	C	8 in.		S	S	GR	694

Observations

Distance	Vid Ref	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	ImRef	Remarks
13.0 ft.		WI	DNF		J		5			10	4		



Sheet No. 332 **Surveyor's name** JDM **Certificate Number** U-212-14669 **Date** 2012/07/31
System Owner TOWN OF TRUMBULL **Survey Customer** **Time** 13:04
Drainage Area 16 **Location (No. & Name)** MIDDLEBROOKS
P.O. No. **Locality/City Name** TRUMBULL CT
Further Location Details **Inspection Level** Level 2
Outgoing Rim to Invert 11.7 ft. **Outgoing Grade to Invert** 11.7 ft. **Rim to Grade** 0.0 ft.
Use of Sewer Sanitary **Year Laid** **Year Rehabilitated** **Tape/Media Number**
Purpose Infiltration and Inflow investigation **Sewer Category**
Pre-Cleaning No Pre-Cleaning **Date Cleaned** **Weather**
Location Code Light Highway **Potential for Runoff** **Evidence of Surcharge** No
Access Point Type Manhole **Coordinate System**
Northing **Easting** **Elevation** **Accuracy of GPS**
Inspection Status Surface Inspection
Additional Information

Manhole Surface Types

Concrete Pavement ☒ **Concrete Collar** ☐ **Asphalt** ☐ **Grass/Dirt** ☐ **Gravel** ☐ **Other** ☐

Cover**Cover Shape:** Circular**Cover Bearing Surface Diameter:** 26.0 in.**Cover Size:** 26.0 in.**Cover Size Width:****Cover Bearing Surface Diameter Width:****Cover Material:** Cast Iron**Cover Frame Fit:** Good**Vent Hole Diameter:****# of Vent Holes:****Cover Type**

- | | |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> Solid | <input type="checkbox"/> Bolted |
| <input type="checkbox"/> Vented/Slots | <input type="checkbox"/> Locking |
| <input type="checkbox"/> Gasketed | <input type="checkbox"/> Inner Cover |
| <input type="checkbox"/> Hatch Single | <input type="checkbox"/> Lamphole |
| <input type="checkbox"/> Hatch Double | |

Cover Condition

- | | |
|--|--|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Bolts Missing |
| <input type="checkbox"/> Restraint Missing | |
| <input type="checkbox"/> Restraint Defective | |

Cover Insert**Cover Insert Type:** None**Cover Insert Condition**

- | | |
|---|--------------------------------------|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Poorly Fitting | <input type="checkbox"/> Corroded |
| <input type="checkbox"/> Cracked/Torn/Holes | <input type="checkbox"/> Insert Fell |



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Sheet No. 332

Survey Date 2012/07/31

P.O. No.

Location (No. & Name) MIDDLEBROOKS

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Adjustment Ring

MH Adjustment Ring Type: None

MH Adjustment Ring Material:

MH Adjustment Ring Height:

MH Adjustment Ring

- | | |
|----------------------------------|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Poor Installation |

Frame

Frame Material: Cast Iron

Frame Bearing Surface Width: 1.0 in.

Frame Bearing Surface Depth: 2.0 in.

Frame Clear Opening Diameter: 24.0 in.

Frame Condition

- | | |
|---|---|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Coated |

Frame Offset Distance: 0 in.

Frame Depth:

Frame Seal Inflow:

Frame Seal Condition

- | | |
|---|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Loose/Not Attached |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Offset |
| <input checked="" type="checkbox"/> Missing | |

Chimney

Chimney Material 1: Brick

Chimney Material 2:

Chimney Clear Opening:

Chimney Depth: 2.2 ft.

Interior Chimney Coating/Liner:

Exterior Chimney Coating/Liner:

Chimney I/I: Infil Weeper

Cone

Cone Type: Conical off

Exterior Cone Coating/Liner:

Interior Cone Coating/Liner:

Cone Depth: 6.2 ft.

Cone Material: Concrete

Wall

Wall Diameter 1:

Wall Diameter 2:

Wall Material: Concrete

Wall Depth: 11.3 ft.

Interior Wall Coating/Liner:

Exterior Wall Coating/Liner:

Bench

Bench Present?: Yes

Bench Material: Brick

Bench Coating/Liner: Cementitious

Channel/Step**Channel**

Channel Material: Brick
 Channel Type: Formed
 Channel Exposure: Fully Opened
 Channel Installed Yes

Step

Steps: 8

Step Material: Metal



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Sheet No. 332

Survey Date 2012/07/31

P.O. No.

Location (No. & Name) MIDDLEBROOKS

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Pipe Connections

Num	Clk Pos	Rim to Invert	Dir	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Cond	Connects to Access Point ID
1	6	11.7 ft.	Out	AC	C	8 in.		S	S	GR	695
2	9	11.6 ft.	In	AC	C	8 in.		S	S	GR	695
3	12	11.6 ft.	In	AC	C	8 in.		S	S	OL	695
4	12	7.7 ft.	In	AC	C	8 in.		S	S	OU	695

Observations

Distance	Vid Ref	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	ImRef	Remarks
1.0 ft.		CMI	IW							6			
7.7 ft.		WI	SMW							12			



Sheet No. 89 **Surveyor's name** JDM **Certificate Number** U-212-14669 **Date** 2012/07/19
System Owner TOWN OF TRUMBULL **Survey Customer** **Time** 08:34
Drainage Area 16 **Location (No. & Name)** PALISADE AVE
P.O. No. **Locality/City Name** TRUMBULL CT
Further Location Details **Inspection Level** Level 2
Outgoing Rim to Invert 9.4 ft. **Outgoing Grade to Invert** 9.4 ft. **Rim to Grade** 0.0 ft.
Use of Sewer Sanitary **Year Laid** **Year Rehabilitated** **Tape/Media Number**
Purpose Infiltration and Inflow investigation **Sewer Category**
Pre-Cleaning No Pre-Cleaning **Date Cleaned** **Weather**
Location Code Light Highway **Potential for Runoff** **Evidence of Surge** No
Access Point Type Manhole **Coordinate System**
Northing **Easting** **Elevation** **Accuracy of GPS**
Inspection Status Surface Inspection
Additional Information

Manhole Surface Types

Concrete Pavement ☒ **Concrete Collar** ☐ **Asphalt** ☐ **Grass/Dirt** ☐ **Gravel** ☐ **Other** ☐

Cover

Cover Shape: Circular **Cover Bearing Surface Diameter:** 26.0 in.
Cover Size: 26.0 in. **Cover Size Width:** **Cover Bearing Surface Diameter Width:**
Cover Material: Cast Iron **# of Vent Holes:** **Cover Frame Fit:** Good
Vent Hole Diameter:

Cover Type

☒ **Solid** ☐ **Bolted**
☐ **Vented/Slots** ☐ **Locking**
☐ **Gasketed** ☐ **Inner Cover**
☐ **Hatch Single** ☐ **Lamphole**
☐ **Hatch Double**

Cover Condition

☒ **Sound** ☐ **Missing**
☐ **Cracked** ☐ **Corroded/Pitted**
☐ **Broken** ☐ **Bolts Missing**
☐ **Restraint Missing**
☐ **Restraint Defective**

Cover Insert

Cover Insert Type: None

Cover Insert Condition

☐ **Sound** ☐ **Leaking**
☐ **Poorly Fitting** ☐ **Corroded**
☐ **Cracked/Torn/Holes** ☐ **Insert Fell**

Sheet No. 89

Survey Date 2012/07/19

P.O. No.

Location (No. & Name)

PALISADE AVE

Inspection Level Level 2

Locality/City Name

TRUMBULL CT

Inspection Status Surface Inspection

Adjustment Ring

MH Adjustment Ring Type: Adjustable

MH Adjustment Ring Material Cast Iron

MH Adjustment Ring Height:

MH Adjustment Ring

- | | |
|----------------------------------|--|
| <input type="checkbox"/> Sound | <input checked="" type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Poor Installation |

Frame

Frame Material: Cast Iron

Frame Offset Distance: 0 in.

Frame Bearing Surface Width: 1.0 in.

Frame Depth:

Frame Bearing Surface Depth: 2.0 in.

Frame Seal Inflow:

Frame Clear Opening Diameter: 24.0 in.

Frame Condition

- | | |
|----------------------------------|--|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input checked="" type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Coated |

Frame Seal Condition

- | | |
|---|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Loose/Not Attached |
| <input type="checkbox"/> Cracked | |
| <input checked="" type="checkbox"/> Missing | <input type="checkbox"/> Offset |

Chimney

Chimney Material 1: Brick

Interior Chimney Coating/Liner:

Chimney Material 2:

Exterior Chimney Coating/Liner:

Chimney Clear Opening:

Chimney I/I:

Chimney Depth: 1.7 ft.

Cone

Cone Type: Conical off centered

Cone Depth: 5.8 ft.

Exterior Cone Coating/Liner:

Cone Material: Concrete (reinforced)

Interior Cone Coating/Liner:

Wall

Wall Diameter 1:

Wall Depth: 8.8 ft.

Wall Diameter 2:

Interior Wall Coating/Liner:

Wall Material: Concrete (reinforced)

Exterior Wall Coating/Liner:

Bench

Bench Present?: Yes

Bench Material: Brick

Bench Coating/Liner: Cementitious

Channel/Step**Channel**

Channel Material: Brick
 Channel Type: Formed
 Channel Exposure: Fully Opened
 Channel Installed Yes

Step

Steps: 7

 Step Material: Metal



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Sheet No. 89

Survey Date 2012/07/19

P.O. No.

Location (No. & Name)

PALISADE AVE

Inspection Level Level 2

Locality/City Name

TRUMBULL CT

Inspection Status Surface Inspection

Pipe Connections

Num	Clk Pos	Rim to Invert	Direc	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Cond	PSR
1	6	9.4 ft.	Out	AC	C	9 in.		S	S	GR	
	Comments										
2	7	9.3 ft.	In	AC	C	8 in.		S	S	GR	
	Comments										
3	1	9.3 ft.	In	AC	C	8 in.		S	S	GR	
	Comments										

Observations

Distance	Vid Ref	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	ImRef
5.8 ft.		WI	IG							1		
	Remarks 3 GPM											

Sheet No. 266 **Surveyor's name** JDM **Certificate Number** U-212-14669 **Date** 2012/07/30
System Owner TOWN OF TRUMBULL **Survey Customer** **Time** 10:10
Drainage Area 16 **Location (No. & Name)** 40 PARK ST
P.O. No. **Locality/City Name** TRUMBULL CT
Further Location Details **Inspection Level** Level 2
Outgoing Rim to Invert 21.8 ft. **Outgoing Grade to Invert** 21.8 ft. **Rim to Grade** 0.0 ft.
Use of Sewer Sanitary **Year Laid** **Year Rehabilitated** **Tape/Media Number**
Purpose Infiltration and Inflow investigation **Sewer Category**
Pre-Cleaning No Pre-Cleaning **Date Cleaned** **Weather**
Location Code Light Highway **Potential for Runoff** **Evidence of Surcharge** No
Access Point Type Manhole **Coordinate System**
Northing **Easting** **Elevation** **Accuracy of GPS**
Inspection Status Surface Inspection
Additional Information

Manhole Surface Types

Concrete Pavement ☒ **Concrete Collar** ☐ **Asphalt** ☐ **Grass/Dirt** ☐ **Gravel** ☐ **Other** ☐

Cover**Cover Shape:** Circular**Cover Bearing Surface Diameter:** 26.0 in.**Cover Size:** 26.0 in.**Cover Size Width:****Cover Bearing Surface Diameter Width:****Cover Material:** Cast Iron**Cover Frame Fit:** Good**Vent Hole Diameter:****# of Vent Holes:****Cover Type**

- | | |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> Solid | <input type="checkbox"/> Bolted |
| <input type="checkbox"/> Vented/Slots | <input type="checkbox"/> Locking |
| <input type="checkbox"/> Gasketed | <input type="checkbox"/> Inner Cover |
| <input type="checkbox"/> Hatch Single | <input type="checkbox"/> Lamphole |
| <input type="checkbox"/> Hatch Double | |

Cover Condition

- | | |
|--|--|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Bolts Missing |
| <input type="checkbox"/> Restraint Missing | |
| <input type="checkbox"/> Restraint Defective | |

Cover Insert**Cover Insert Type:** None**Cover Insert Condition**

- | | |
|---|--------------------------------------|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Poorly Fitting | <input type="checkbox"/> Corroded |
| <input type="checkbox"/> Cracked/Torn/Holes | <input type="checkbox"/> Insert Fell |



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Sheet No. 266

Survey Date 2012/07/30

P.O. No.

Location (No. & Name) 40 PARK ST

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Adjustment Ring

MH Adjustment Ring Type: None

MH Adjustment Ring Material:

MH Adjustment Ring Height:

MH Adjustment Ring

- | | |
|----------------------------------|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Poor Installation |

Frame

Frame Material: Cast Iron

Frame Bearing Surface Width: 1.0 in.

Frame Bearing Surface Depth: 2.0 in.

Frame Clear Opening Diameter: 24.0 in.

Frame Condition

- | | |
|---|---|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Coated |

Frame Offset Distance: 0 in.

Frame Depth:

Frame Seal Inflow:

Frame Seal Condition

- | | |
|---|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Loose/Not Attached |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Offset |
| <input checked="" type="checkbox"/> Missing | |

Chimney

Chimney Material 1: Brick

Chimney Material 2:

Chimney Clear Opening:

Chimney Depth: 1.1 ft.

Interior Chimney Coating/Liner:

Exterior Chimney Coating/Liner:

Chimney I/I:

Cone

Cone Type: Conical off

Exterior Cone Coating/Liner:

Interior Cone Coating/Liner:

Cone Depth: 5.8 ft.

Cone Material: Concrete

Wall

Wall Diameter 1:

Wall Diameter 2:

Wall Material: Concrete

Wall Depth: 19.7 ft.

Interior Wall Coating/Liner:

Exterior Wall Coating/Liner:

Bench

Bench Present?: Yes

Bench Material: Brick

Bench Coating/Liner:

Channel/Step**Channel**

Channel Material: Brick
Channel Type: Formed
Channel Exposure: Fully Opened
Channel Installed Yes

Step

Steps: 9

Step Material: Metal



Sheet No. 266

Survey Date 2012/07/30

P.O. No.

Location (No. & Name) 40 PARK ST

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Pipe Connections

Num	Clk Pos	Rim to Invert	Direc	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Cond	Connects to Access Point ID
1	6	21.8 ft.	Out	RCP	C	24 in.		S	S	GR	931
2	9	21.7 ft.	In	RCP	C	24 in.		S	S	GR	931

MACP Survey Report 707

Report Date 2012/08/21

Sheet No. 45 Surveyor's name JDM Certificate Number U-212-14669 Date 2012/07/17
 System Owner TOWN OF TRUMBULL Survey Customer Time 07:46
 Drainage Area 16 Location (No. & Name) POPLAR ST AND GRISWOLD AVE
 P.O. No. Locality/City Name TRUMBULL, CT
 Further Location Details Inspection Level Level 2
 Outgoing Rim to Invert 11.5 ft. Outgoing Grade to Invert 11.5 ft. Rim to Grade 0.0 ft.
 Use of Sewer Sanitary Year Laid Year Rehabilitated Tape/Media Number
 Purpose Infiltration and Inflow investigation Sewer Category
 Pre-Cleaning No Pre-Cleaning Date Cleaned Weather
 Location Code Light Highway Potential for Runoff Evidence of Surcharge No
 Access Point Type Manhole Coordinate System
 Northing Easting Elevation Accuracy of GPS
 Inspection Status Surface Inspection
 Additional Information

Manhole Surface Types

Concrete Pavement ☒ Concrete Collar ☐ Asphalt ☐ Grass/Dirt ☐ Gravel ☐ Other ☐

Cover

Cover Shape: Circular

Cover Bearing Surface Diameter: 26.0 in.

Cover Size: 26.0 in. Cover Size Width:

Cover Bearing Surface Diameter Width:

Cover Material: Cast Iron

Cover Frame Fit: Good

Vent Hole Diameter: > 1/2

of Vent Holes: 1

Cover Type

☐ Solid ☐ Bolted
☒ Vented/Slots ☐ Locking
☐ Gasketed ☐ Inner Cover
☐ Hatch Single ☐ Lamphole
☐ Hatch Double

Cover Condition

☒ Sound ☐ Missing
☐ Cracked ☐ Corroded/Pitted
☐ Broken ☐ Bolts Missing
☐ Restraint Missing
☐ Restraint Defective

Cover Insert

Cover Insert Type: None

Cover Insert Condition

☐ Sound ☐ Leaking
☐ Poorly Fitting ☐ Corroded
☐ Cracked/Torn/Holes ☐ Insert Fell



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Sheet No. 45

Survey Date 2012/07/17

P.O. No.

Location (No. & Name) POPLAR ST AND GRISWOLD AVE

Inspection Level Level 2

Locality/City Name TRUMBULL, CT

Inspection Status Surface Inspection

Adjustment Ring

MH Adjustment Ring Type: None

MH Adjustment Ring Material:

MH Adjustment Ring Height:

MH Adjustment Ring

- | | |
|----------------------------------|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Poor Installation |

Frame

Frame Material: Cast Iron

Frame Bearing Surface Width: 1.0 in.

Frame Bearing Surface Depth: 2.0 in.

Frame Clear Opening Diameter: 24.0 in.

Frame Condition

- | | |
|---|---|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Coated |

Frame Offset Distance: 0 in.

Frame Depth:

Frame Seal Inflow:

Frame Seal Condition

- | | |
|---|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Loose/Not Attached |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Offset |
| <input checked="" type="checkbox"/> Missing | |

Chimney

Chimney Material 1: Brick

Chimney Material 2:

Chimney Clear Opening:

Chimney Depth: 1.8 ft.

Interior Chimney Coating/Liner:

Exterior Chimney Coating/Liner:

Chimney I/I:

Cone

Cone Type: Conical off

Exterior Cone Coating/Liner:

Interior Cone Coating/Liner:

Cone Depth: 6.2 ft.

Cone Material: Concrete

Wall

Wall Diameter 1:

Wall Diameter 2:

Wall Material: Concrete

Wall Depth: 11.0 ft.

Interior Wall Coating/Liner:

Exterior Wall Coating/Liner:

Bench

Bench Present?: Yes

Bench Material: Brick

Bench Coating/Liner:

Channel/Step**Channel**

Channel Material: Brick
Channel Type: Formed
Channel Exposure: Fully Opened
Channel Installed Yes

Step

Steps: 9

Step Material: Metal



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Sheet No. 45

Survey Date 2012/07/17

P.O. No.

Location (No. & Name) POPLAR ST AND GRISWOLD AVE

Inspection Level Level 2

Locality/City Name TRUMBULL, CT

Inspection Status Surface Inspection

Pipe Connections

Num	Clk Pos	Rim to Invert	Dir	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Cond	Connects to Access Point ID
1	6	11.5 ft.	Out	AC	C	8 in.		S	S	GR	707
2	9	11.4 ft.	In	AC	C	8 in.		S	S	OL	707
3	9	7.8 ft.	In	AC	C	8 in.		S	S	OU	707
4	12	11.4 ft.	In	AC	C	8 in.		S	S	GR	707

Observations

Distance	Vid Ref	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	ImRef	Remarks
10.1 ft.		WI	IG							7			1 GPM
11.1 ft.		WI	ID							1			
11.1 ft.		WI	IW							3			



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Sheet No. 326 **Surveyor's name** JDM **Certificate Number** U-212-14669 **Date** 2012/07/31
System Owner TOWN OF TRUMBULL **Survey Customer** **Time** 11:26
Drainage Area 16 **Location (No. & Name)** RESERVOIR AVE
P.O. No. **Locality/City Name** TRUMBULL CT
Further Location Details **Inspection Level** Level 2
Outgoing Rim to Invert 10.0 ft. **Outgoing Grade to Invert** 10.0 ft. **Rim to Grade** 0.0 ft.
Use of Sewer Sanitary **Year Laid** **Year Rehabilitated** **Tape/Media Number**
Purpose Infiltration and Inflow investigation **Sewer Category**
Pre-Cleaning No Pre-Cleaning **Date Cleaned** **Weather**
Location Code Main Highway - Suburban/Rural **Potential for Runoff** **Evidence of Surcharge** No
Access Point Type Manhole **Coordinate System**
Northing **Easting** **Elevation** **Accuracy of GPS**
Inspection Status Surface Inspection
Additional Information

Manhole Surface Types

Concrete Pavement ☒ **Concrete Collar** ☐ **Asphalt** ☐ **Grass/Dirt** ☐ **Gravel** ☐ **Other** ☐

Cover**Cover Shape:** Circular**Cover Bearing Surface Diameter:** 26.0 in.**Cover Size:** 26.0 in.**Cover Size Width:****Cover Bearing Surface Diameter Width:****Cover Material:** Cast Iron**Cover Frame Fit:** Good**Vent Hole Diameter:****# of Vent Holes:****Cover Type**

- | | |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> Solid | <input type="checkbox"/> Bolted |
| <input type="checkbox"/> Vented/Slots | <input type="checkbox"/> Locking |
| <input type="checkbox"/> Gasketed | <input type="checkbox"/> Inner Cover |
| <input type="checkbox"/> Hatch Single | <input type="checkbox"/> Lamphole |
| <input type="checkbox"/> Hatch Double | |

Cover Condition

- | | |
|--|--|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Bolts Missing |
| <input type="checkbox"/> Restraint Missing | |
| <input type="checkbox"/> Restraint Defective | |

Cover Insert**Cover Insert Type:** None**Cover Insert Condition**

- | | |
|---|--------------------------------------|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Poorly Fitting | <input type="checkbox"/> Corroded |
| <input type="checkbox"/> Cracked/Torn/Holes | <input type="checkbox"/> Insert Fell |



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Sheet No. 326

Survey Date 2012/07/31

P.O. No.

Location (No. & Name) RESERVOIR AVE

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Adjustment Ring

MH Adjustment Ring Type: None

MH Adjustment Ring Material:

MH Adjustment Ring Height:

MH Adjustment Ring

- | | |
|----------------------------------|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Poor Installation |

Frame

Frame Material: Cast Iron

Frame Bearing Surface Width: 1.0 in.

Frame Bearing Surface Depth: 2.0 in.

Frame Clear Opening Diameter: 24.0 in.

Frame Condition

- | | |
|--|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input checked="" type="checkbox"/> Broken | <input type="checkbox"/> Coated |

Frame Offset Distance: 0 in.

Frame Depth:

Frame Seal Inflow:

Frame Seal Condition

- | | |
|---|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Loose/Not Attached |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Offset |
| <input checked="" type="checkbox"/> Missing | |

Chimney

Chimney Material 1: Brick

Chimney Material 2:

Chimney Clear Opening:

Chimney Depth: 2.5 ft.

Interior Chimney Coating/Liner:

Exterior Chimney Coating/Liner:

Chimney I/I:

Cone

Cone Type: Conical off

Exterior Cone Coating/Liner:

Interior Cone Coating/Liner:

Cone Depth: 6.6 ft.

Cone Material: Concrete

Wall

Wall Diameter 1:

Wall Diameter 2:

Wall Material: Concrete

Wall Depth: 9.3 ft.

Interior Wall Coating/Liner:

Exterior Wall Coating/Liner:

Bench

Bench Present?: Yes

Bench Material: Brick

Bench Coating/Liner:

Channel/Step**Channel**

Channel Material: Brick
 Channel Type: Formed
 Channel Exposure: Fully Opened
 Channel Installed Yes

Step

Steps: 6

Step Material: Metal



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Sheet No. 326

Survey Date 2012/07/31

P.O. No.

Location (No. & Name) RESERVOIR AVE

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Pipe Connections

Num	Clk Pos	Rim to Invert	Direc	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Cond	Connects to Access Point ID
1	6	10.0 ft.	Out	AC	C	18 in.		D	D	GR	532
2	12	9.9 ft.	In	AC	C	18 in.		D	D	GR	532

Observations

Distance	Vid Ref	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	ImRef	Remarks
8.0 ft.		WI	IW							9			
8.8 ft.		WI	ID							11			
9.3 ft.		B	IR							8			
10.0 ft.		C	IR							6			



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Sheet No. 96 **Surveyor's name** JDM **Certificate Number** U-212-14669 **Date** 2012/07/19
System Owner TOWN OF TRUMBULL **Survey Customer** **Time** 10:10
Drainage Area 16 **Location (No. & Name)** RICHARDS PL
P.O. No. **Locality/City Name** TRUMBULL CT
Further Location Details **Inspection Level** Level 2
Outgoing Rim to Invert 9.9 ft. **Outgoing Grade to Invert** 9.9 ft. **Rim to Grade** 0.0 ft.
Use of Sewer Sanitary **Year Laid** **Year Rehabilitated** **Tape/Media Number**
Purpose Infiltration and Inflow investigation **Sewer Category**
Pre-Cleaning No Pre-Cleaning **Date Cleaned** **Weather**
Location Code Light Highway **Potential for Runoff** **Evidence of Surcharge** No
Access Point Type Manhole **Coordinate System**
Northing **Easting** **Elevation** **Accuracy of GPS**
Inspection Status Surface Inspection
Additional Information

Manhole Surface Types

Concrete Pavement ☒ **Concrete Collar** ☐ **Asphalt** ☐ **Grass/Dirt** ☐ **Gravel** ☐ **Other** ☐

Cover**Cover Shape:** Circular**Cover Bearing Surface Diameter:** 26.0 in.**Cover Size:** 26.0 in.**Cover Size Width:****Cover Bearing Surface Diameter Width:****Cover Material:** Cast Iron**Cover Frame Fit:** Good**Vent Hole Diameter:****# of Vent Holes:****Cover Type**

- | | |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> Solid | <input type="checkbox"/> Bolted |
| <input type="checkbox"/> Vented/Slots | <input type="checkbox"/> Locking |
| <input type="checkbox"/> Gasketed | <input type="checkbox"/> Inner Cover |
| <input type="checkbox"/> Hatch Single | <input type="checkbox"/> Lamphole |
| <input type="checkbox"/> Hatch Double | |

Cover Condition

- | | |
|--|--|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Bolts Missing |
| <input type="checkbox"/> Restraint Missing | |
| <input type="checkbox"/> Restraint Defective | |

Cover Insert**Cover Insert Type:** None**Cover Insert Condition**

- | | |
|---|--------------------------------------|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Poorly Fitting | <input type="checkbox"/> Corroded |
| <input type="checkbox"/> Cracked/Torn/Holes | <input type="checkbox"/> Insert Fell |



Sheet No. 96

Survey Date 2012/07/19

P.O. No.

Location (No. & Name) RICHARDS PL

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Adjustment Ring

MH Adjustment Ring Type: None

MH Adjustment Ring Material:

MH Adjustment Ring Height:

MH Adjustment Ring

- | | |
|----------------------------------|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Poor Installation |

Frame

Frame Material: Cast Iron

Frame Bearing Surface Width: 1.0 in.

Frame Bearing Surface Depth: 2.0 in.

Frame Clear Opening Diameter: 24.0 in.

Frame Condition

- | | |
|---|---|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Coated |

Frame Offset Distance: 0 in.

Frame Depth:

Frame Seal Inflow:

Frame Seal Condition

- | | |
|---|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Loose/Not Attached |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Offset |
| <input checked="" type="checkbox"/> Missing | |

Chimney

Chimney Material 1: Brick

Chimney Material 2:

Chimney Clear Opening:

Chimney Depth: 1.0 ft.

Interior Chimney Coating/Liner:

Exterior Chimney Coating/Liner:

Chimney I/I:

Cone

Cone Type: Conical off

Exterior Cone Coating/Liner:

Interior Cone Coating/Liner:

Cone Depth: 5.0 ft.

Cone Material: Concrete

Wall

Wall Diameter 1:

Wall Diameter 2:

Wall Material: Concrete

Wall Depth: 9.3 ft.

Interior Wall Coating/Liner:

Exterior Wall Coating/Liner:

Bench

Bench Present?: Yes

Bench Material: Brick

Bench Coating/Liner: Cementitious

Channel/Step**Channel**

Channel Material: Brick
Channel Type: Formed
Channel Exposure: Fully Opened
Channel Installed Yes

Step

Steps: 7

Step Material: Metal



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Sheet No. 96

Survey Date 2012/07/19

P.O. No.

Location (No. & Name) RICHARDS PL

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Pipe Connections

Num	Clk Pos	Rim to Invert	Direc	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Cond	Connects to Access Point ID
1	6	9.9 ft.	Out	AC	C	8 in.		S	S	GR	583
2	12	9.8 ft.	In	AC	C	8 in.		S	S	GR	583

Observations

Distance	Vid Ref	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	ImRef	Remarks
5.0 ft.		COI	IW							12	12		
6.5 ft.		WI	IS							7			
9.3 ft.		B	IR							1			1 GPM
9.3 ft.		B	IG							10			3 GPM



Sheet No. 261 **Surveyor's name** JDM **Certificate Number** U-212-14669 **Date** 2012/07/30
System Owner TOWN OF TRUMBULL **Survey Customer** **Time** 08:08
Drainage Area 16 **Location (No. & Name)** BLCKBERRY
P.O. No. **Locality/City Name** TRUMBULL CT
Further Location Details **Inspection Level** Level 2
Outgoing Rim to Invert 11.6 ft. **Outgoing Grade to Invert** 11.6 ft. **Rim to Grade** 0.0 ft.
Use of Sewer Sanitary **Year Laid** **Year Rehabilitated** **Tape/Media Number**
Purpose Infiltration and Inflow investigation **Sewer Category**
Pre-Cleaning No Pre-Cleaning **Date Cleaned** **Weather**
Location Code Yard **Potential for Runoff** **Evidence of Surge** No
Access Point Type Manhole **Coordinate System**
Northing **Easting** **Elevation** **Accuracy of GPS**
Inspection Status Surface Inspection
Additional Information

Manhole Surface Types

Concrete Pavement ☐ Concrete Collar ☐ Asphalt ☐ Grass/Dirt ☒ Gravel ☐ Other ☐

Cover

Cover Shape: Circular **Cover Bearing Surface Diameter:** 26.0 in.
Cover Size: 26.0 in. **Cover Size Width:** **Cover Bearing Surface Diameter Width:**
Cover Material: Cast Iron **# of Vent Holes:** **Cover Frame Fit:** Good
Vent Hole Diameter:

Cover Type

☒ Solid ☐ Bolted
☐ Vented/Slots ☐ Locking
☐ Gasketed ☐ Inner Cover
☐ Hatch Single ☐ Lamphole
☐ Hatch Double

Cover Condition

☒ Sound ☐ Missing
☐ Cracked ☐ Corroded/Pitted
☐ Broken ☐ Bolts Missing
☐ Restraint Missing
☐ Restraint Defective

Cover Insert

Cover Insert Type: None

Cover Insert Condition

☐ Sound ☐ Leaking
☐ Poorly Fitting ☐ Corroded
☐ Cracked/Torn/Holes ☐ Insert Fell



Sheet No. 261

Survey Date 2012/07/30

P.O. No.

Location (No. & Name)

BLCKBERRY

Inspection Level Level 2

Locality/City Name

TRUMBULL CT

Inspection Status Surface Inspection

Adjustment Ring

MH Adjustment Ring Type: None

MH Adjustment Ring Material

MH Adjustment Ring Height:

MH Adjustment Ring

- | | |
|----------------------------------|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Poor Installation |

Frame

Frame Material: Cast Iron

Frame Offset Distance: 0 in.

Frame Bearing Surface Width: 1.0 in.

Frame Depth:

Frame Bearing Surface Depth: 2.0 in.

Frame Seal Inflow:

Frame Clear Opening Diameter: 24.0 in.

Frame Condition

- | | |
|----------------------------------|--|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input checked="" type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Coated |

Frame Seal Condition

- | | |
|---|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Loose/Not Attached |
| <input type="checkbox"/> Cracked | |
| <input checked="" type="checkbox"/> Missing | <input type="checkbox"/> Offset |

Chimney

Chimney Material 1: Brick

Interior Chimney Coating/Liner:

Chimney Material 2:

Exterior Chimney Coating/Liner:

Chimney Clear Opening:

Chimney I/I:

Chimney Depth: 1.3 ft.

Cone

Cone Type: Conical off centered

Cone Depth: 5.5 ft.

Exterior Cone Coating/Liner:

Cone Material: Concrete (reinforced)

Interior Cone Coating/Liner:

Wall

Wall Diameter 1:

Wall Depth: 10.4 ft.

Wall Diameter 2:

Interior Wall Coating/Liner:

Wall Material: Concrete (reinforced)

Exterior Wall Coating/Liner:

Bench

Bench Present?: Yes

Bench Material: Brick

Bench Coating/Liner:

Channel/Step**Channel**

Channel Material: Brick
 Channel Type: Formed
 Channel Exposure: Fully Opened
 Channel Installed Yes

Step

Steps: 7

 Step Material: Metal



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Sheet No. 261

Survey Date 2012/07/30

P.O. No.

Location (No. & Name)

BLCKBERRY

Inspection Level Level 2

Locality/City Name

TRUMBULL CT

Inspection Status Surface Inspection

Pipe Connections

Num	Clk Pos	Rim to Invert	Dir	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Cond	PSR
1	6	11.6 ft.	Out	RCP	C	24 in.		S	S	GR	
	Comments										
2	12	10.4 ft.	In	AC	C	12 in.		S	S	GR	
	Comments										
3	3	11.5 ft.	In	RCP	C	24 in.		S	S	GR	
	Comments										

Observations

Distance	Vid Ref	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	ImRef
9.6 ft.		WI	IR							3		
	Remarks											
10.4 ft.		B	IR							5		
	Remarks 1 GPM											

Sheet No. 177 Surveyor's name JDM Certificate Number U-212-14669 Date 2012/07/25
 System Owner TOWN OF TRUMBULL Survey Customer Time 11:18
 Drainage Area 16 Location (No. & Name) 139 SUZANNE CIR
 P.O. No. Locality/City Name TRUMBULL CT
 Further Location Details Inspection Level Level 2
 Outgoing Rim to Invert 13.0 ft. Outgoing Grade to Invert 13.0 ft. Rim to Grade 0.0 ft.
 Use of Sewer Sanitary Year Laid Year Rehabilitated Tape/Media Number
 Purpose Infiltration and Inflow investigation Sewer Category
 Pre-Cleaning No Pre-Cleaning Date Cleaned Weather
 Location Code Light Highway Potential for Runoff Evidence of Surcharge No
 Access Point Type Manhole Coordinate System
 Northing Easting Elevation Accuracy of GPS
 Inspection Status Surface Inspection
 Additional Information

Manhole Surface Types

Concrete Pavement ☒ Concrete Collar ☐ Asphalt ☐ Grass/Dirt ☐ Gravel ☐ Other ☐

Cover

Cover Shape: Circular

Cover Size: 26.0 in.

Cover Size Width:

Cover Material: Cast Iron

Vent Hole Diameter:

Cover Bearing Surface Diameter: 26.0 in.

Cover Bearing Surface Diameter Width:

Cover Frame Fit: Good

of Vent Holes:

Cover Type

- | | |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> Solid | <input type="checkbox"/> Bolted |
| <input type="checkbox"/> Vented/Slots | <input type="checkbox"/> Locking |
| <input type="checkbox"/> Gasketed | <input type="checkbox"/> Inner Cover |
| <input type="checkbox"/> Hatch Single | <input type="checkbox"/> Lamphole |
| <input type="checkbox"/> Hatch Double | |

Cover Condition

- | | |
|--|--|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Bolts Missing |
| <input type="checkbox"/> Restraint Missing | |
| <input type="checkbox"/> Restraint Defective | |

Cover Insert

Cover Insert Type: None

Cover Insert Condition

- | | |
|---|--------------------------------------|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Poorly Fitting | <input type="checkbox"/> Corroded |
| <input type="checkbox"/> Cracked/Torn/Holes | <input type="checkbox"/> Insert Fell |



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Sheet No. 177

Survey Date 2012/07/25

P.O. No.

Location (No. & Name) 139 SUZANNE CIR

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Adjustment Ring

MH Adjustment Ring Type: Adjustable

MH Adjustment Ring Material: Cast Iron

MH Adjustment Ring Height:

MH Adjustment Ring

- | | |
|---|---|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Poor Installation |

Frame

Frame Material: Cast Iron

Frame Bearing Surface Width: 1.0 in.

Frame Bearing Surface Depth: 2.0 in.

Frame Clear Opening Diameter: 24.0 in.

Frame Condition

- | | |
|---|---|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Coated |

Frame Offset Distance: 0 in.

Frame Depth:

Frame Seal Inflow:

Frame Seal Condition

- | | |
|---|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Loose/Not Attached |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Offset |
| <input checked="" type="checkbox"/> Missing | |

Chimney

Chimney Material 1: Brick

Chimney Material 2:

Chimney Clear Opening:

Chimney Depth: 1.2 ft.

Interior Chimney Coating/Liner:

Exterior Chimney Coating/Liner:

Chimney I/I:

Cone

Cone Type: Conical off

Exterior Cone Coating/Liner:

Interior Cone Coating/Liner:

Cone Depth: 5.3 ft.

Cone Material: Concrete

Wall

Wall Diameter 1:

Wall Diameter 2:

Wall Material: Concrete

Wall Depth: 13.5 ft.

Interior Wall Coating/Liner:

Exterior Wall Coating/Liner:

Bench

Bench Present?: Yes

Bench Material: Brick

Bench Coating/Liner:

Channel/Step**Channel**

Channel Material: Brick
Channel Type: Formed
Channel Exposure: Fully Opened
Channel Installed Yes

Step

Steps: 11

Step Material: Metal



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Sheet No. 177

Survey Date 2012/07/25

P.O. No.

Location (No. & Name) 139 SUZANNE CIR

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Pipe Connections

Num	Clk Pos	Rim to Invert	Direc	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Cond	Connects to Access Point ID
1	6	13.0 ft.	Out	AC	C	8 in.		S	S	GR	511
2	12	12.9 ft.	In	AC	C	8 in.		S	S	OL	511
3	12	8.4 ft.	In	AC	C	8 in.		S	S	OU	511

Observations

Distance	Vid Ref	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	ImRef	Remarks
12.5 ft.		WI	IW		J					12	12		



Sheet No. 151 Surveyor's name JDM Certificate Number U-212-14669 Date 2012/07/23
 System Owner TOWN OF TRUMBULL Survey Customer Time 14:39
 Drainage Area 16 Location (No. & Name) TAIT RD
 P.O. No. Locality/City Name TRUMBULL CT
 Further Location Details Inspection Level Level 2
 Outgoing Rim to Invert 21.3 ft. Outgoing Grade to Invert 21.3 ft. Rim to Grade 0.0 ft.
 Use of Sewer Sanitary Year Laid Year Rehabilitated Tape/Media Number
 Purpose Infiltration and Inflow investigation Sewer Category
 Pre-Cleaning No Pre-Cleaning Date Cleaned Weather
 Location Code Light Highway Potential for Runoff Evidence of Surge No
 Access Point Type Manhole Coordinate System
 Northing Easting Elevation Accuracy of GPS
 Inspection Status Surface Inspection
 Additional Information

Manhole Surface Types

Concrete Pavement ☒ Concrete Collar ☐ Asphalt ☐ Grass/Dirt ☐ Gravel ☐ Other ☐

Cover

Cover Shape: Circular

Cover Bearing Surface Diameter: 26.0 in.

Cover Size: 26.0 in.

Cover Size Width:

Cover Bearing Surface Diameter Width:

Cover Material: Cast Iron

Cover Frame Fit: Good

Vent Hole Diameter:

of Vent Holes:

Cover Type

- | | |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> Solid | <input type="checkbox"/> Bolted |
| <input type="checkbox"/> Vented/Slots | <input type="checkbox"/> Locking |
| <input type="checkbox"/> Gasketed | <input type="checkbox"/> Inner Cover |
| <input type="checkbox"/> Hatch Single | <input type="checkbox"/> Lamphole |
| <input type="checkbox"/> Hatch Double | |

Cover Condition

- | | |
|--|--|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Bolts Missing |
| <input type="checkbox"/> Restraint Missing | |
| <input type="checkbox"/> Restraint Defective | |

Cover Insert

Cover Insert Type: None

Cover Insert Condition

- | | |
|---|--------------------------------------|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Poorly Fitting | <input type="checkbox"/> Corroded |
| <input type="checkbox"/> Cracked/Torn/Holes | <input type="checkbox"/> Insert Fell |



Sheet No. 151

Survey Date 2012/07/23

P.O. No.

Location (No. & Name) TAIT RD

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Adjustment Ring

MH Adjustment Ring Type: None

MH Adjustment Ring Material:

MH Adjustment Ring Height:

MH Adjustment Ring

- | | |
|----------------------------------|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Poor Installation |

Frame

Frame Material: Cast Iron

Frame Bearing Surface Width: 1.0 in.

Frame Bearing Surface Depth: 2.0 in.

Frame Clear Opening Diameter: 24.0 in.

Frame Condition

- | | |
|---|---|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Coated |

Frame Offset Distance: 0 in.

Frame Depth:

Frame Seal Inflow:

Frame Seal Condition

- | | |
|---|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Loose/Not Attached |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Offset |
| <input checked="" type="checkbox"/> Missing | |

Chimney

Chimney Material 1: Brick

Chimney Material 2:

Chimney Clear Opening:

Chimney Depth: 1.5 ft.

Interior Chimney Coating/Liner:

Exterior Chimney Coating/Liner:

Chimney I/I:

Cone

Cone Type: Conical off

Exterior Cone Coating/Liner:

Interior Cone Coating/Liner:

Cone Depth: 5.7 ft.

Cone Material: Concrete

Wall

Wall Diameter 1:

Wall Diameter 2:

Wall Material: Concrete

Wall Depth: 20.8 ft.

Interior Wall Coating/Liner:

Exterior Wall Coating/Liner:

Bench

Bench Present?: Yes

Bench Material: Brick

Bench Coating/Liner: Cementitious

Channel/Step**Channel**

Channel Material: Brick
Channel Type: Formed
Channel Exposure: Fully Opened
Channel Installed Yes

Step

Steps: 19

Step Material: Metal

Sheet No. 151

Survey Date 2012/07/23

P.O. No.

Location (No. & Name) TAIT RD

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Pipe Connections

Num	Clk Pos	Rim to Invert	Direc	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Cond	Connects to Access Point ID
1	6	21.3 ft.	Out	AC	C	8 in.		S	S	GR	551
2	7	8.2 ft.	In	PVC	C	8 in.		S	S	IU	551
3	2	21.2 ft.	In	AC	C	8 in.		S	S	GR	551

Observations

Distance	Vid Ref	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	ImRef	Remarks
8.2 ft.		WI	IS							3			
12.3 ft.		WI	IW		J					3	9		
20.8 ft.		WI	IW							2	8		
20.8 ft.		B	DAR				15			5	6		



Sheet No. 154 **Surveyor's name** JDM **Certificate Number** U-212-14669 **Date** 2012/07/23
System Owner TOWN OF TRUMBULL **Survey Customer** **Time** 15:09
Drainage Area 16 **Location (No. & Name)** 48 TAIT RD
P.O. No. **Locality/City Name** TRUMBULL CT
Further Location Details **Inspection Level** Level 2
Outgoing Rim to Invert 18.6 ft. **Outgoing Grade to Invert** 18.6 ft. **Rim to Grade** 0.0 ft.
Use of Sewer Sanitary **Year Laid** **Year Rehabilitated** **Tape/Media Number**
Purpose Infiltration and Inflow investigation **Sewer Category**
Pre-Cleaning No Pre-Cleaning **Date Cleaned** **Weather**
Location Code Light Highway **Potential for Runoff** **Evidence of Surcharge** No
Access Point Type Manhole **Coordinate System**
Northing **Easting** **Elevation** **Accuracy of GPS**
Inspection Status Surface Inspection
Additional Information

Manhole Surface Types

Concrete Pavement ☒ **Concrete Collar** ☐ **Asphalt** ☐ **Grass/Dirt** ☐ **Gravel** ☐ **Other** ☐

Cover**Cover Shape:** Circular**Cover Bearing Surface Diameter:** 26.0 in.**Cover Size:** 26.0 in.**Cover Size Width:****Cover Bearing Surface Diameter Width:****Cover Material:** Cast Iron**Cover Frame Fit:** Good**Vent Hole Diameter:****# of Vent Holes:****Cover Type**

- | | |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> Solid | <input type="checkbox"/> Bolted |
| <input type="checkbox"/> Vented/Slots | <input type="checkbox"/> Locking |
| <input type="checkbox"/> Gasketed | <input type="checkbox"/> Inner Cover |
| <input type="checkbox"/> Hatch Single | <input type="checkbox"/> Lamphole |
| <input type="checkbox"/> Hatch Double | |

Cover Condition

- | | |
|--|--|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Bolts Missing |
| <input type="checkbox"/> Restraint Missing | |
| <input type="checkbox"/> Restraint Defective | |

Cover Insert**Cover Insert Type:** None**Cover Insert Condition**

- | | |
|---|--------------------------------------|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Poorly Fitting | <input type="checkbox"/> Corroded |
| <input type="checkbox"/> Cracked/Torn/Holes | <input type="checkbox"/> Insert Fell |



Sheet No. 154

Survey Date 2012/07/23

P.O. No.

Location (No. & Name) 48 TAIT RD

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Adjustment Ring

MH Adjustment Ring Type: None

MH Adjustment Ring Material:

MH Adjustment Ring Height:

MH Adjustment Ring

- | | |
|----------------------------------|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Poor Installation |

Frame

Frame Material: Cast Iron

Frame Bearing Surface Width: 1.0 in.

Frame Bearing Surface Depth: 2.0 in.

Frame Clear Opening Diameter: 24.0 in.

Frame Condition

- | | |
|---|---|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Coated |

Frame Offset Distance: 0 in.

Frame Depth:

Frame Seal Inflow:

Frame Seal Condition

- | | |
|---|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Loose/Not Attached |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Offset |
| <input checked="" type="checkbox"/> Missing | |

Chimney

Chimney Material 1: Brick

Chimney Material 2:

Chimney Clear Opening:

Chimney Depth: 1.7 ft.

Interior Chimney Coating/Liner:

Exterior Chimney Coating/Liner:

Chimney I/I:

Cone

Cone Type: Conical off

Exterior Cone Coating/Liner:

Interior Cone Coating/Liner:

Cone Depth: 5.8 ft.

Cone Material: Concrete

Wall

Wall Diameter 1:

Wall Diameter 2:

Wall Material: Concrete

Wall Depth: 18.0 ft.

Interior Wall Coating/Liner:

Exterior Wall Coating/Liner:

Bench

Bench Present?: Yes

Bench Material: Brick

Bench Coating/Liner:

Channel/Step**Channel**

Channel Material: Vitrified Clay
Channel Type: Formed
Channel Exposure: Fully Opened
Channel Installed Yes

Step

Steps: 15

Step Material: Metal



Sheet No. 154

Survey Date 2012/07/23

P.O. No.

Location (No. & Name) 48 TAIT RD

Inspection Level Level 2

Locality/City Name TRUMBULL CT

Inspection Status Surface Inspection

Pipe Connections

Num	Clk Pos	Rim to Invert	Dir	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Cond	Connects to Access Point ID
1	6	18.6 ft.	Out	AC	C	8 in.		S	S	GR	555
2	9	18.5 ft.	In	AC	C	8 in.		S	S	OL	555
3	9	7.7 ft.	In	AC	C	8 in.		S	S	OU	555
4	1	18.5 ft.	In	AC	C	8 in.		S	S	GR	555

Observations

Distance	Vid Ref	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	ImRef	Remarks
13.0 ft.		WI	IS		J					6	12		
17.0 ft.		WI	IR		J					1	7		
17.0 ft.		WI	IR		J					10			

Sheet No. 53 Surveyor's name JDM Certificate Number U-212-14667 Date 2012/07/17
 System Owner TOWN OF TRUMBULL Survey Customer Time 10:08
 Drainage Area 16 Location (No. & Name) 12 WHITE BIRCH
 P.O. No. Locality/City Name TRUMBULL, CT
 Further Location Details Inspection Level Level 2
 Outgoing Rim to Invert 9.1 ft. Outgoing Grade to Invert 9.1 ft. Rim to Grade 0.0 ft.
 Use of Sewer Sanitary Year Laid Year Rehabilitated Tape/Media Number
 Purpose Infiltration and Inflow investigation Sewer Category
 Pre-Cleaning No Pre-Cleaning Date Cleaned Weather
 Location Code Light Highway Potential for Runoff Evidence of Surcharge No
 Access Point Type Manhole Coordinate System
 Northing Easting Elevation Accuracy of GPS
 Inspection Status Surface Inspection
 Additional Information

Manhole Surface Types

Concrete Pavement ☒ Concrete Collar ☐ Asphalt ☐ Grass/Dirt ☐ Gravel ☐ Other ☐

Cover

Cover Shape: Circular

Cover Bearing Surface Diameter: 26.0 in.

Cover Size: 26.0 in.

Cover Size Width:

Cover Bearing Surface Diameter Width:

Cover Material: Cast Iron

Cover Frame Fit: Good

Vent Hole Diameter:

of Vent Holes:

Cover Type

- | | |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> Solid | <input type="checkbox"/> Bolted |
| <input type="checkbox"/> Vented/Slots | <input type="checkbox"/> Locking |
| <input type="checkbox"/> Gasketed | <input type="checkbox"/> Inner Cover |
| <input type="checkbox"/> Hatch Single | <input type="checkbox"/> Lamphole |
| <input type="checkbox"/> Hatch Double | |

Cover Condition

- | | |
|--|--|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Bolts Missing |
| <input type="checkbox"/> Restraint Missing | |
| <input type="checkbox"/> Restraint Defective | |

Cover Insert

Cover Insert Type: None

Cover Insert Condition

- | | |
|---|--------------------------------------|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Poorly Fitting | <input type="checkbox"/> Corroded |
| <input type="checkbox"/> Cracked/Torn/Holes | <input type="checkbox"/> Insert Fell |



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Sheet No. 53

Survey Date 2012/07/17

P.O. No.

Location (No. & Name) 12 WHITE BIRCH

Inspection Level Level 2

Locality/City Name TRUMBULL, CT

Inspection Status Surface Inspection

Adjustment Ring

MH Adjustment Ring Type: None

MH Adjustment Ring Material:

MH Adjustment Ring Height:

MH Adjustment Ring

- | | |
|----------------------------------|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Leaking |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Poor Installation |

Frame

Frame Material: Cast Iron

Frame Bearing Surface Width: 1.0 in.

Frame Bearing Surface Depth: 2.0 in.

Frame Clear Opening Diameter: 24.0 in.

Frame Condition

- | | |
|---|---|
| <input checked="" type="checkbox"/> Sound | <input type="checkbox"/> Missing |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Corroded/Pitted/Worn |
| <input type="checkbox"/> Broken | <input type="checkbox"/> Coated |

Frame Offset Distance: 2 in.

Frame Depth:

Frame Seal Inflow:

Frame Seal Condition

- | | |
|---|---|
| <input type="checkbox"/> Sound | <input type="checkbox"/> Loose/Not Attached |
| <input type="checkbox"/> Cracked | <input type="checkbox"/> Offset |
| <input checked="" type="checkbox"/> Missing | |

Chimney

Chimney Material 1: Brick

Chimney Material 2:

Chimney Clear Opening:

Chimney Depth: 1.3 ft.

Interior Chimney Coating/Liner:

Exterior Chimney Coating/Liner:

Chimney I/I:

Cone

Cone Type: Conical off

Exterior Cone Coating/Liner:

Interior Cone Coating/Liner:

Cone Depth: 5.4 ft.

Cone Material: Concrete

Wall

Wall Diameter 1:

Wall Diameter 2:

Wall Material: Concrete

Wall Depth: 8.6 ft.

Interior Wall Coating/Liner:

Exterior Wall Coating/Liner:

Bench

Bench Present?: Yes

Bench Material: Brick

Bench Coating/Liner: Cementitious

Channel/Step**Channel**

Channel Material: Brick
Channel Type: Formed
Channel Exposure: Fully Opened
Channel Installed Yes

Step

Steps: 6

Step Material: Metal

Sheet No. 53

Survey Date 2012/07/17

P.O. No.

Location (No. & Name) 12 WHITE BIRCH

Inspection Level Level 2

Locality/City Name TRUMBULL, CT

Inspection Status Surface Inspection

Pipe Connections

Num	Clk Pos	Rim to Invert	Direc	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special Cond	Connects to Access Point ID
1	6	9.1 ft.	Out	AC	C	8 in.		S	S	GR	659
2	12	9.0 ft.	In	AC	C	8 in.		S	S	GR	659

Observations

Distance	Vid Ref	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	ImRef	Remarks
5.4 ft.		WI	IW		J					7	12		
7.6 ft.		WI	SAM		J					12	12		SOIL AND DEBRIS
8.6 ft.		B	IR							12	12		



APPENDIX E
Area Manhole Inspection Reports

AREA B PIPELINE REHABILITATION TABLE

Town of Trumbull, CT

Sewer System Rehabilitation Project 1

Street	Starting SMH	Ending SMH	Pipe Diameter	Length of Pipe	Existing Pipe Material	Defect Grade	Defect Notes	Type of Repair	Typical Joint distance	Repair (distance to defect measured from video inspection start manhole)
Algonquin Tr	763	762	24	139.8	RCP	4	IR, IS- Infiltration Runner at Joints	Chemical Grout	8	test and seal main
Allen Dr	642	641	8	297.3	ACP	2	IW- Infiltration Stains at break	Cure in Place		spot liner at 270'- 4' long
Arden Rd	5-108	5-107	8	291.1	ACP	4	Infiltration Runner with Deposits with Attached Encrustation	Cure in Place 3x		spot liner at 208'- 4' long , spot liner at 257.5'- 4' long, spot liner at 280'- 4' long
Arden Rd	5-111	5-108	8	299.8	ACP	2	Infiltration dripper with encrustation at first lateral joint	Lateral liner		top hat lateral liner at 149.1'
Arden Rd	5-116	5-115	8	182	ACP	5	Infiltration Gusher - 6" service	Cure in Place, Lateral Liner 2x		spot liner at 24.5'- 4' long, top hat lateral liner at 9.6' and 150.9'
Arden Rd	5-125	5-124	8	222.8	ACP	5	Hole in Pipe with Infiltration Dripper	Cure in Place 2x		spot liner at 87'- 4' long, spot liner at 172'- 4' long
Arden Rd	5-129	5-125	8	195.3	ACP	5	Infiltration Gusher at 6" lateral connection point.	Lateral Liner		top hat lateral liner at 111'
Arden Rd	5-129	5-130	8	297.6	ACP	5	Crack in Pipe with Infiltration Runner.	Cure in Place		spot liner at 275.5'- 4' long
Canterbury Ln	626B	617	8	127.3	ACP	2	IS- Infiltration Stain at Joints	Cure in Place	13	spot liner at 176'- 13' long
Canterbury Ln	631	629	8	253.2	ACP	4	IG- Infiltration Gusher at first Joint up Lateral	Lateral Liner		top hat lateral liner at 219.2'
Church Hill Rd	753	752	10	293.6	ACP	2	IW - Infiltration Weepers at break	Cure in Place		spot liner at 70.9'- 4' long
Geraldine Cir	496	495	8	163.2	ACP	4	IR- Infiltration Running at first Joint up Lateral x2	Lateral Liner 2x		top hat lateral liner at 50.0' with gasket to be trimmed, top hat lateral liner at 118.3'
Geraldine Cir	496	497	8	265	ACP	2	ID- Infiltration Dripper at Tap Break-In, HSV, IS x2 at Joint	Cure in Place, Lateral Liner	13	top hat liner at 234' with 3" protruding lateral to be trimmed, spot liner at 256.5'- 4' long
Grandview Dr	572	571	8	246.8	ACP	2	IS- Infiltration stain at break, IS at Joint	Cure in Place		spot liner at 25'- 4' long
Lawrence Rd	5-98	5-97	8	242.1	ACP	5	Infiltration gusher at joint	Chemical Grout	7	test and seal main
Lawrence Rd	5-99	5-98	8	146.6	ACP	5	Hole voids visible; infiltration runner	Cure in Place		spot liner at 50'- 6' long
Lawrence Rd	502	501	8	166.2	ACP	4	IG- Infiltration Gusher at first Joint up Lateral	Lateral Liner		top hat lateral liner at 11.8'
Lawrence Rd	504	503	8	296.1	ACP	5	HVV- hole, void visible, IR at fracture	Cure in Place 2x	13	spot liner at 76.7'- 4' long, spot liner at 166.8'- 4' long
Lillian Dr	5-135	5-134	8	236.6	ACP	2	Infiltration gusher at joint	Chemical Grout, Cure in Place	13	test and seal main, test and seal lateral at 111', spot liner at 185'- 4' long
Linderman Dr	5-15	5-8	8	106.9	ACP	4	Infiltration at joint	Chemical Grout	13	test and seal main
Linley Rd ESMT	584	583	8	296.5	ACP	2	IS- Infiltration Stain; FM - Fracture Multiple	Cure in Place		spot liner at 178.4'- 4' long
Manor Dr	771	770	24	159.5	RCP	2	ID- Infiltration Dripper at Lateral Connection, DAE x2, IS x3, IWx2	Chemical Grout	8	test and seal main
Middlebrooks Ave	682	681A	8	209.2	ACP	5	IG, IW, IS- Infiltration Gusher at Joints	Chemical Grout	13	test and seal main
Middlebrooks Ave	702	695	8	191.1	ACP	3	IR- Infiltration Runner at first Joint up Lateral	Lateral Liner		top hat lateral liner at 135.9'
Norwood Terr	1125	1124	8	80.0	ACP	5	DAE - Deposits Attached Encrustation, 15%	Chemical Grout	20	test and seal main
Old Hollow Rd ESMT	937A	936	20	274.0	RCP	2	IS , IW x2, RF, ISx3- Infiltration Stain at Joint	Chemical Grout	8	test and seal main
Old Town Rd ESMT	67	66	12	250.0	VCP	4	IR - Infiltration Runner, ID, IW x2, IS x4 at Joints	Chemical Grout	3	test and seal main
Old Town Rd ESMT	68	67	12	17.6	VCP	4	IR - Infiltration Runner at Joint, IW x2 at joints	Chemical Grout	3	test and seal main
Park St ESMT	929	928	24	306	RCP	2	ID- Infiltration Dripper at lateral connection	Lateral Liner		top hat lateral liner at 215.6'
Park St ESMT	931	930	24	225.2	RCP	3	ID, ISx5, IW, DAE- Infiltration Dripper at Joints	Chemical Grout, Cure in Place	8	test and seal main, spot liner at 103'- 4' long
Park St ESMT	932	931	24	100.5	RCP	4	IR- Infiltration Runner at Joint, IS x3	Chemical Grout	8	test and seal main
Park St ESMT	932	933	24	106.9	RCP	4	IR- Infiltration Runner at Deposits, IW, DAE	Lateral Liner		top hat lateral liner at 102.3'
Park St ESMT	934	933	24	226.6	RCP	4	DAEx3, ID x2, IS	Chemical Grout, Lateral Liner	8	test and seal main, top hat lateral liner at 167.7'
Park St ESMT (Under State Hwy 25)	935	934	24	559.5	RCP	2	DAEx3, IS, IWx2,RFJ	Cure in Place x2		spot liner at 10'-6' long, spot liner at 18'-6' long
Reservoir Ave (ROW)	5-34	5-33	14	118.1	ACP	5	Infiltration Gusher at Joint	Chemical Grout, Cure in Place	13	test and seal main, spot liner at 42'- 4' long
Reservoir Ave	5-8	5-7	8	299.1	ACP	3	Encrustation at joint; infiltration dripper	Cure in Place		spot liner at 288'- 4' long
Reservoir Ave	5-11	5-10	8	210.1	ACP	4	Hole in Pipe with Infiltration Runner	Cure in Place		spot liner at 124.5'- 4' long
Reservoir Ave (ROW)	5-31	P.S.	14	128.6	ACP	4	Infiltration Runner; at joint right before P.S. Influent channel	Cure in Place		spot liner at 126'- 4' long
Rexview Cir	559	558	8	70.6	ACP	2	IW - Infiltration Weeper at fracture	Cure in Place		spot liner at 64.8'- 4' long
Riverbend Rd ESMT	914	777	24	347	RCP	2	IW- Infiltration Weeper at Joint	Chemical Grout	8	test and seal main
Riverbend Rd ESMT	924	925	24	276.9	RCP	2	IW- Infiltration Weeper at lateral connection, DAE	Cure in Place, Lateral Liner		spot liner at 264'-4' long, top hat lateral liner at 80.7'
Riverbend Rd ESMT	927	926	24	257	RCP	2	IW- Infiltration Weeper at Fracture, DAE x2	Cure in Place	8	spot liner at 256'-4' long
Rockland Cir	1130	1129	8	162.5	ACP	5	IG- Infiltration Gusher at fracture	Cure in Place		spot liner at 3.7'- 4' long
Sunnycrest Rd ESMT	5-97	5-96	8	68.5	ACP	4	roots at joint; joint offset medium	Cure in Place		spot liner at 62.3'- 4' long
Sunset Ave	527	526	8	292	ACP	5	IG, IW- at Joints, IS at fracture	Lateral Liner x2, Cure in Place x2		top hat lateral liner at 7.5', top hat lateral liner at 10.3' spot liner at 118'- 4' long, spot liner at 239'- 4' long
Suzanne Cir	514	522	8	282.7	ACP	3	IG- Infiltration Gusher at first Joint up lateral	Lateral Liner		top hat lateral liner at 137.6'
Tait Rd	555	554	8	227.4	ACP	3	ID - Infiltration Dripper at lateral	Lateral Liner		top hat lateral liner at 59.5'
Taits Mill Rd	550A	551	8	184.5	ACP	5	IG - Infiltration Gusher at Joint	Cure in Place		spot liner at 182.5'- 4' long
White Oak Rd	5-109	5-108	8	259.3	ACP	3	Infiltration Dripper with Deposits and Attached Encrustation at Joint.	Cure in Place, Top Hat Liner		spot liner at 81'- 4' long, top hat lateral liner at 8.1'
White Plains Rd	471	470	24	282.0	RCP	5	IG - Infiltration Gusher	Cure in Place		spot liner at 176'- 4' long
White Plains Rd	489	488	24	297.0	RCP	4	B-Broken, TFD IR	Cure in Place, Lateral Liner		spot liner at 160'- 4' long, top hat liner at 168.5'
Woodlawn Dr	1139A	1138	8	93.5	ACP	5	IG- Infiltration Gusher at lateral connection	Lateral Liner		top hat lateral liner at 53.3'

APPENDIX F
Area B Pipeline CCTV Inspection Reports



Green Mountain Pipeline Services, Inc.
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Inspection Report / Inspection: 1

Date 10/5/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 113
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/5/2011	Pre-Cleaning Jetting	Sewer Category

Street Arden Rd	Use of Sewer Sanitary	Upstream MH 5-108
City Trumbull, CT	Drainage Area	Downstream MH 5-107
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 291.10 ft	Section Length 291.10 ft

Purpose of Survey Routine Assessment	Joint Length 3.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Tape 1	Lining Method Other

Add. Information :

1:735	Position	Code	Observation	Photo
	0.00	AMH	Upstream Manhole, Survey Begins / MH 5-108	
	0.00	MWL	Water Level, 15 % of Cross Sectional Area	
	57.40	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO	
	138.00	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO / DAE	
	180.10	TFC	Tap Factory Made Capped, at 02 o'clock, 6", within 8 inches of joint: NO	
	207.00	DAE	Deposits Attached Encrustation, 5 % of Cross Sectional Area, From 12 to 12 o'clock, Within 8 inches of joint: YES	31_32_262_A.JPG
	257.60	RPPD	Repair Patch Defective, at 10 o'clock, within 8 inches of joint: NO / IR DAE	31_32_263_A.JPG
	257.60	ID	Infiltration Dripper, at 10 o'clock, within 8 inches of joint: NO	31_32_264_A.JPG
	280.00	IR	Infiltration Runner, at 10 o'clock, within 8 inches of joint: YES / IR	31_32_265_A.JPG
	280.00	DAE	Deposits Attached Encrustation, 5 % of Cross Sectional Area, At 10 o'clock, Within 8 inches of joint: YES / DAE	31_32_266_A.JPG
	291.10	AMH	Downstream Manhole, Survey Ends / MH 5-107	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4100	4131	4	13	17	4	2.6	2.83

Inspection photos / Inspection: 1

City :
Trumbull, CT

Street :
Arden Rd

Date :
10/5/2011

Pipe Segment Reference :

Section No :
113



Photo: 31_32_262_A.JPG, VCR No.: Tape 1
207FT, Deposits Attached Encrustation, 5 % of Cross Sectional Area,
From 12 to 12 o'clock, Within 8 inches of joint: YES



Photo: 31_32_263_A.JPG, VCR No.: Tape 1
257.6FT, Repair Patch Defective, at 10 o'clock, within 8 inches of joint:
NO

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Arden Rd	Date : 10/5/2011	Pipe Segment Reference :	Section No : 113
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Photo: 31_32_264_A.JPG, VCR No.: Tape 1
257.6FT, Infiltration Dripper, at 10 o'clock, within 8 inches of joint: NO



Photo: 31_32_265_A.JPG, VCR No.: Tape 1
280FT, Infiltration Runner, at 10 o'clock, within 8 inches of joint: YES

Inspection photos / Inspection: 1City :
Trumbull, CTStreet :
Arden RdDate :
10/5/2011

Pipe Segment Reference :

Section No :
113

Photo: 31_32_266_A.JPG, VCR No.: Tape 1
280FT, Deposits Attached Encrustation, 5 % of Cross Sectional Area,
At 10 o'clock, Within 8 inches of joint: YES



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Inspection Report / Inspection: 1

Date 10/5/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 116
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/5/2011	Pre-Cleaning Jetting	Sewer Category

Street Arden Rd	Use of Sewer Sanitary	Upstream MH 5-111
City Trumbull, CT	Drainage Area	Downstream MH 5-108
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 299.80 ft	Section Length 299.80 ft
Purpose of Survey Routine Assessment	Joint Length 3.00 ft	
Year Laid	Dia./Height 8 inch	
Year Rehabilitated	Material Asbestos Cement	
Tape / Media No. Tape 1	Lining Method Other	
Add. Information :		

1:750	Position	Code	Observation	Photo			
	7.50	AMH	Upstream Manhole, Survey Begins / MH 5-111				
	91.10	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO				
	94.40	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO / DAE				
	135.10	MWL	Water Level, 10 % of Cross Sectional Area				
	149.10	TFD	Tap Factory Made Defective, at 10 o'clock, 6", within 8 inches of joint: NO / DAE IR	28_29_224_A.JPG			
	216.30	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO				
	290.00	S1	MCU	Camera Underwater, Start			
	299.80	F1	MCU	Camera Underwater, Finish			
	299.80	AMH	Downstream Manhole, Survey Ends / MH 5-108				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4222	0	12	12	0	3	3

Inspection photos / Inspection: 1City :
Trumbull, CTStreet :
Arden RdDate :
10/5/2011

Pipe Segment Reference :

Section No :
116

Photo: 28_29_224_A.JPG, VCR No.: Tape 1
149.1FT, Tap Factory Made Defective, at 10 o'clock, 6", within 8
inches
of joint: NO



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Inspection Report / Inspection: 1

Date 10/5/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 122
Certificate No. 789456	Survey Customer Hadiyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/5/2011	Pre-Cleaning Jetting	Sewer Category

Street Arden Rd	Use of Sewer Sanitary	Upstream MH 5-116
City Trumbull, CT	Drainage Area	Downstream MH 5-115
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 182.00 ft	Section Length 182.00 ft

Purpose of Survey Routine Assessment	Joint Length 3.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Tape 1	Lining Method Other

Add. Information :

1:465	Position	Code	Observation	Photo			
<p>5-116</p> <p>0.00</p> <p>9.60</p> <p>10.00</p> <p>24.60</p> <p>31.90</p> <p>106.90</p> <p>142.10</p> <p>150.90</p> <p>150.90</p> <p>182.00</p> <p>5-115</p>	AMH	Upstream Manhole, Survey Begins / MH 5-116					
	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO / Infiltration Gusher					
	MWL	Water Level, 10 % of Cross Sectional Area					
	HSV	Hole Soil Visible, at 12 o'clock, within 8 inches of joint: NO	24_25_193_A.JPG				
	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO / Continuous Flow.					
	MWLS	Water Level, Sag In Pipe, 35 % of Cross Sectional Area					
	H	Hole, at 12 o'clock, within 8 inches of joint: NO / not through pipe	24_25_196_A.jpg				
	TFD	Tap Factory Made Defective, at 02 o'clock, 6", within 8 inches of joint: NO / Infiltration Gusher					
	TFD	Tap Factory Made Defective, at 02 o'clock, 6", within 8 inches of joint: NO / Deposits Attached Encrustation.					
	AMH	Downstream Manhole, Survey Ends / MH 5-115					
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5200	3123	10	9	19	5	2.25	3.17

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Arden Rd	Date : 10/5/2011	Pipe Segment Reference :	Section No : 122
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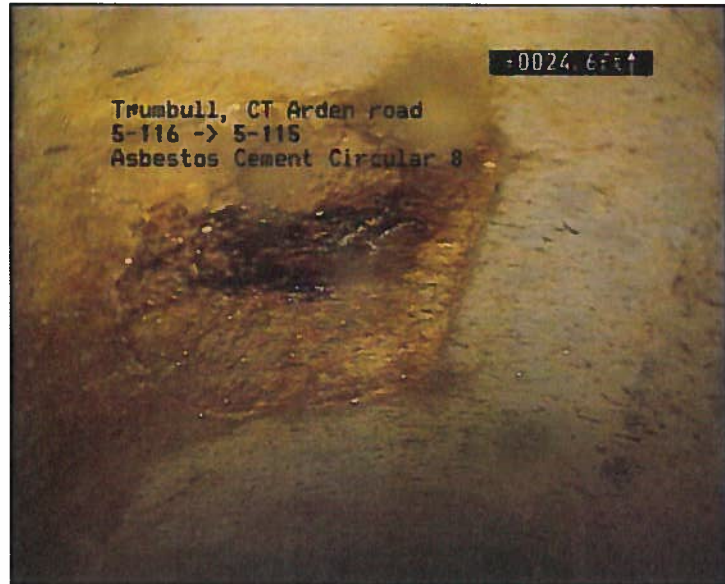


Photo: 24_25_193_A.JPG, VCR No.: Tape 1
24.6FT, Hole Soil Visible, at 12 o'clock, within 8 inches of joint: NO

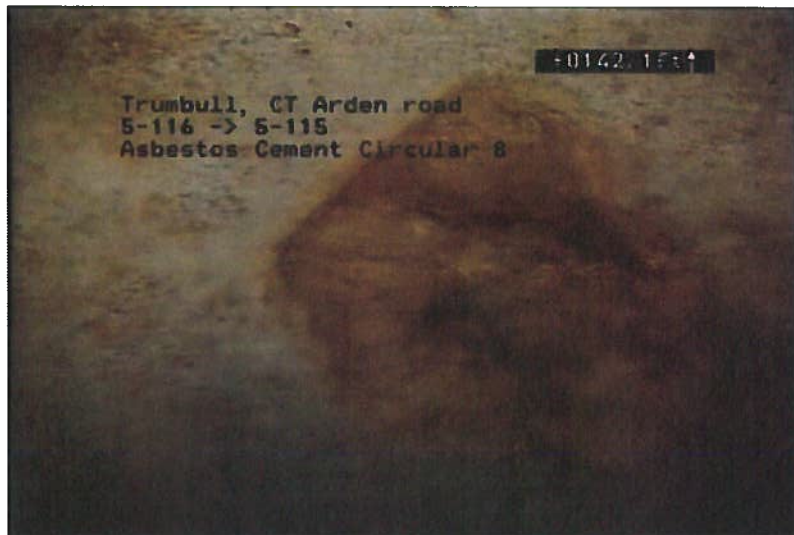


Photo: 24_25_196_A.jpg, VCR No.: Tape 1
142.1FT, Hole, at 12 o'clock, within 8 inches of joint: NO



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Inspection Report / Inspection: 1

Date 12/19/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CJ	Pipe Segment Reference	Section No. 135
Certificate No. 1234	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 12/19/2011	Pre-Cleaning Jetting	Sewer Category

Street Arden Rd	Use of Sewer Sanitary	Upstream MH 5-125
City Trumbull, CT	Drainage Area	Downstream MH 5-124
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Main Highway - Urban	Length surveyed 222.80 ft	Section Length 222.80 ft

Purpose of Survey Routine Assessment	Joint Length 12.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. 22	Lining Method Other

Add. Information :

1:570	Position	Code	Observation	Photo			
	0.00	AMH	Upstream Manhole, Survey Begins / MH 5-125				
	52.90	TFA	Tap Factory Made Active, at 10 o'clock, 4", within 8 inches of joint: NO				
	91.40	H	Hole, at 12 o'clock, within 8 inches of joint: NO / dripping	4_5_28_A.JPG			
	108.70	TFA	Tap Factory Made Active, at 09 o'clock, 4", within 8 inches of joint: NO				
	123.30	TFA	Tap Factory Made Active, at 03 o'clock, 4", within 8 inches of joint: NO				
	125.10	TFA	Tap Factory Made Active, at 03 o'clock, 4", within 8 inches of joint: YES				
	161.50	TBA	Tap Break-In Active, at 09 o'clock, 4", within 8 inches of joint: NO / spl				
	171.70	BSV	Broken Soil Visible, from 07 to 06 o'clock, within 8 inches of joint: NO	375_376_2231_A.jpg			
	190.90	TFA	Tap Factory Made Active, at 09 o'clock, 4", within 8 inches of joint: NO				
	201.60	TBA	Tap Break-In Active, at 09 o'clock, 4", within 8 inches of joint: NO				
	222.80	AMH	Downstream Manhole, Survey Ends / MH 5-124				
	QSR	QMR	SPR	MPR	OPR	SPRI	MPRI
5200	0000	10	0	10	5	0	5

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Arden Rd	Date : 12/19/2011	Pipe Segment Reference :	Section No : 135
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Photo: 4_5_28_A.JPG, VCR No.: 22
91.4FT, Hole, at 12 o'clock, within 8 inches of joint: NO



Photo: 375_376_2231_A.jpg, VCR No.: 22
171.7FT, Broken Soil Visible, from 07 to 06 o'clock, within 8 inches of joint: NO



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Inspection Report / Inspection: 1

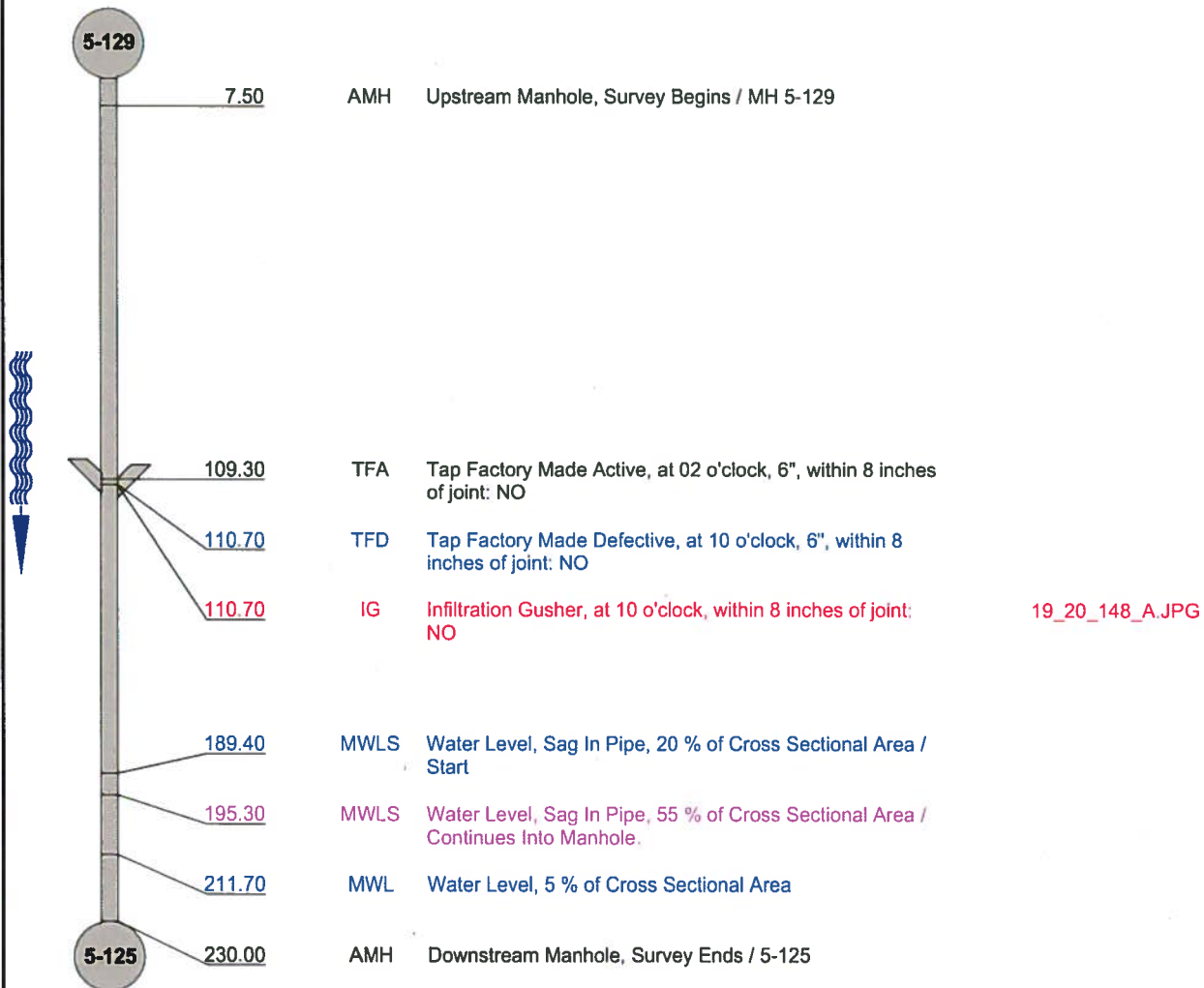
Date 10/4/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 139
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/4/2011	Pre-Cleaning Jetting	Sewer Category

Street Arden Rd	Use of Sewer Sanitary	Upstream MH 5-129
City Trumbull, CT	Drainage Area	Downstream MH 5-125
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 230.00 ft	Section Length 230.00 ft

Purpose of Survey Routine Assessment	Joint Length 3.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Tape 1	Lining Method Other

Add. Information :

1:585 Position Code Observation Photo



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	5141	0	15	15	0	3	3

Inspection photos / Inspection: 1City :
Trumbull, CTStreet :
Arden RdDate :
10/4/2011

Pipe Segment Reference :

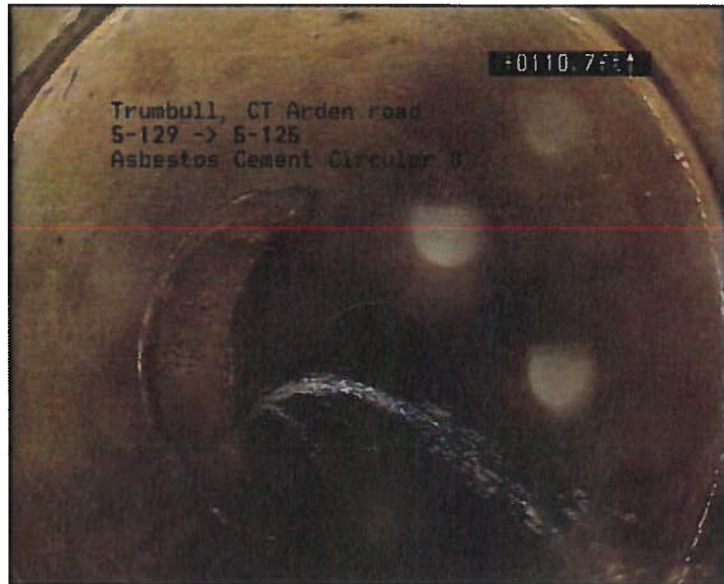
Section No :
139

Photo: 19_20_148_A.JPG, VCR No.: Tape 1
110.7FT, Infiltration Gusher, at 10 o'clock, within 8 inches of joint: NO



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Inspection Report / Inspection: 1

Date 10/4/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 140
Certificate No. 789456	Survey Customer Hadiyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/4/2011	Pre-Cleaning Jetting	Sewer Category

Street Arden Rd	Use of Sewer Sanitary	Upstream MH 5-130
City Trumbull, CT	Drainage Area	Downstream MH 5-129
Loc. details	Flow Control Not Controlled	Dir. of Survey Upstream
Location Code Light Highway	Length surveyed 297.60 ft	Section Length 297.60 ft

Purpose of Survey Routine Assessment	Joint Length 3.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Tape 1	Lining Method Other

Add. Information :

1:750	Position	Code	Observation	Photo
	3.40	AMH	Downstream Manhole, Survey Begins / MH 5-129	
	3.40	MWL	Water Level, 5 % of Cross Sectional Area	
	18.90	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO	
	105.90	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO	
	135.00	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO / Continious Flow.	
	164.20	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO	
	231.80	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO	
	275.60	CC	Crack Circumferential, from 12 to 11 o'clock, within 8 inches of joint: NO	18_19_139_A.JPG
	275.60	IG	Infiltration Gusher, from 04 to 08 o'clock, within 8 inches of joint: NO	18_19_140_A.JPG
	297.60	AMH	Upstream Manhole, Survey Ends / MH 5-130	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1100	5121	1	7	8	1	3.5	2.67

Inspection photos / Inspection: 1City :
Trumbull, CTStreet :
Arden RdDate :
10/4/2011

Pipe Segment Reference :

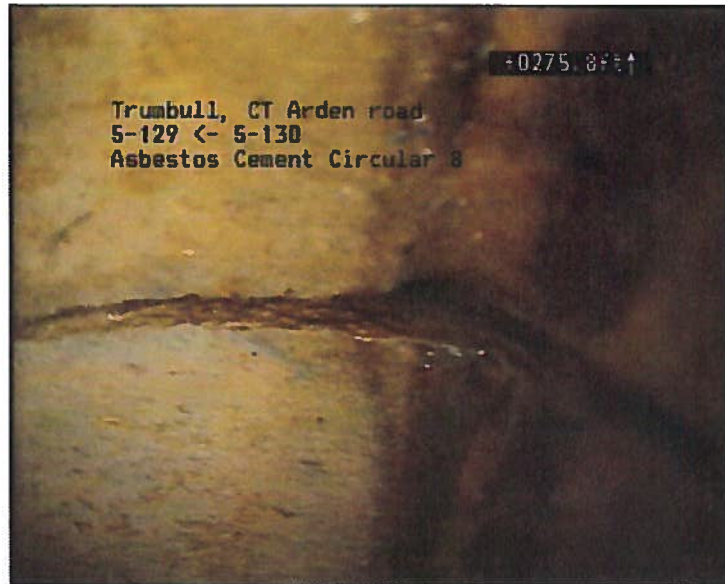
Section No :
140

Photo: 18_19_139_A.JPG, VCR No.: Tape 1
275.6FT, Crack Circumferential, from 12 to 11 o'clock, within 8 inches
of joint: NO

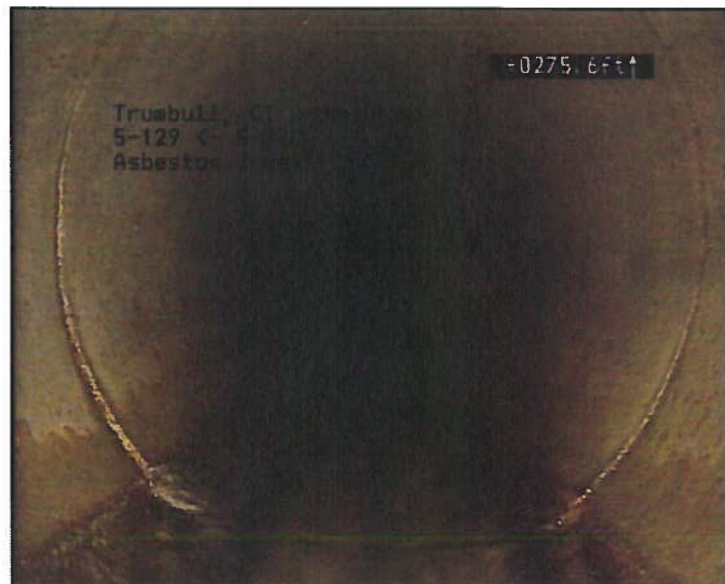


Photo: 18_19_140_A.JPG, VCR No.: Tape 1
275.6FT, Infiltration Gusher, from 04 to 08 o'clock, within 8 inches of
joint: NO



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Inspection Report / Inspection: 1

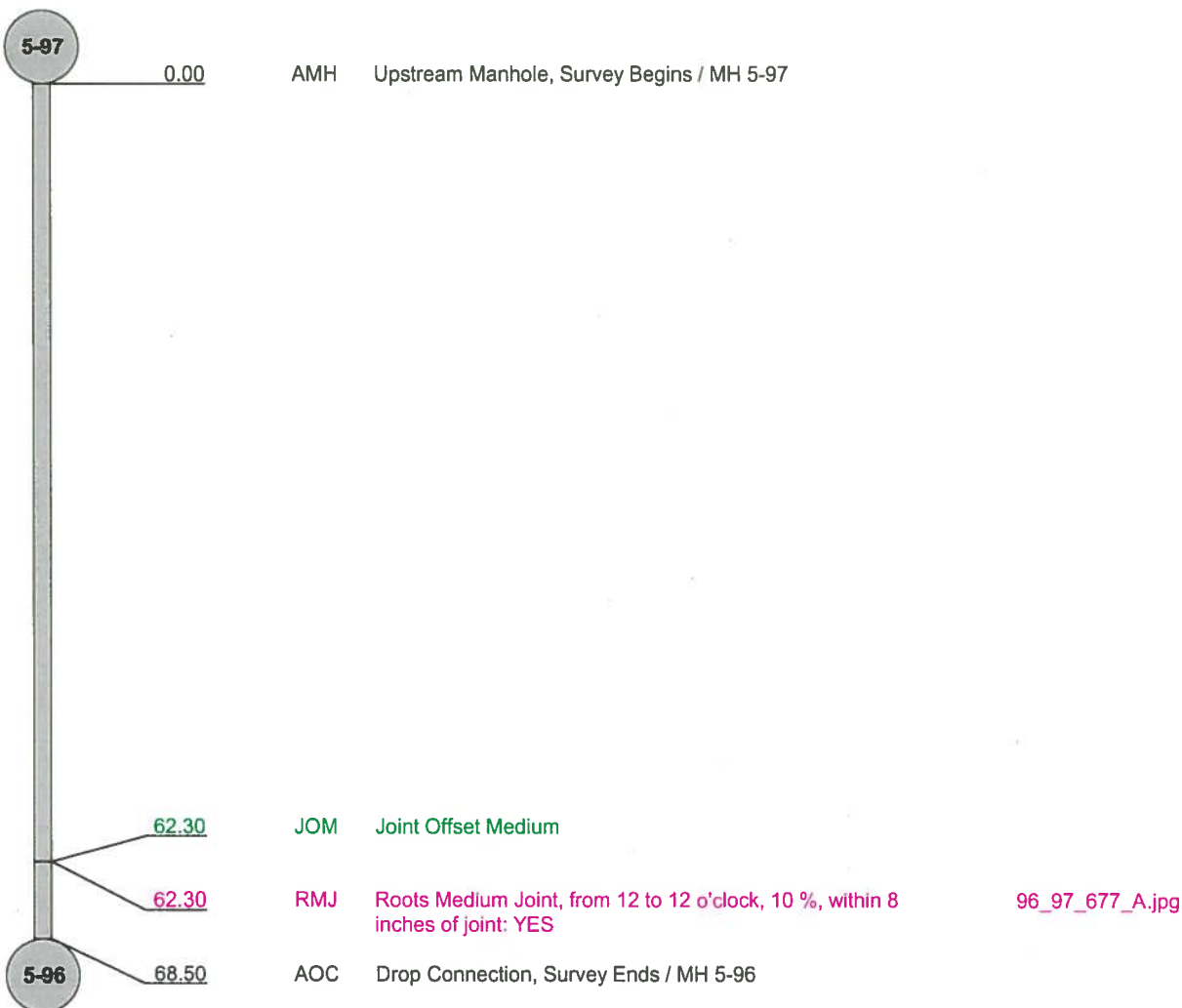
Date 10/12/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 102
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/11/2011	Pre-Cleaning No Pre-Cleaning	Sewer Category

Street Eastwood Rd	Use of Sewer Sanitary	Upstream MH 5-97
City Trumbull, CT	Drainage Area	Downstream MH 5-96
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 68.50 ft	Section Length 68.50 ft

Purpose of Survey Routine Assessment	Joint Length 12.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. disc #6	Lining Method Other

Add. Information :

1:180 **Position** **Code** **Observation** **Photo**



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1100	4100	1	4	5	1	4	2.5

Inspection photos / Inspection: 1City :
Trumbull, CTStreet :
Eastwood RdDate :
10/11/2011

Pipe Segment Reference :

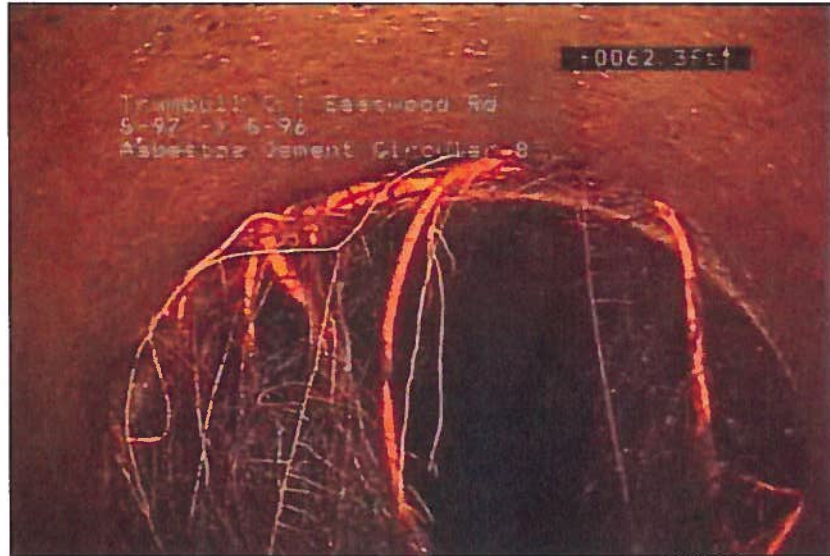
Section No :
102

Photo: 96_97_677_A.jpg, VCR No.: disc #6
62.3FT, Roots Medium Joint, from 12 to 12 o'clock, 10 %, within 8
inches of joint: YES



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Inspection Report / Inspection: 1

Date 10/12/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 103
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/11/2011	Pre-Cleaning Jetting	Sewer Category

Street Eastwood Rd	Use of Sewer Sanitary	Upstream MH 5-98
City Trumbull, CT	Drainage Area	Downstream MH 5-97
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 242.10 ft	Section Length 242.10 ft
Purpose of Survey Routine Assessment	Joint Length 12.00 ft	
Year Laid	Dia./Height 8 inch	
Year Rehabilitated	Material Asbestos Cement	
Tape / Media No. disc #6	Lining Method Other	

Add. Information :

1:615	Position	Code	Observation	Photo
	5-98			
	0.00	AMH	Upstream Manhole, Survey Begins / MH 5-98	
	48.60	IG	Infiltration Gusher, from 04 to 08 o'clock, within 8 inches of joint: YES / IG	47_48_280_A.JPG
	81.20	JAM	Joint Angular Medium	
	115.90	TFC	Tap Factory Made Capped, at 02 o'clock, 6", within 8 inches of joint: NO	
	191.10	TFD	Tap Factory Made Defective, at 10 o'clock, 6", within 8 inches of joint: NO / DAE	
	242.10	AMH	Downstream Manhole, Survey Ends / MH 5-97	
5-97				

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
1100	5121	1	7	8	1	3.5	2.67

Inspection photos / Inspection: 1City :
Trumbull, CTStreet :
Eastwood RdDate :
10/11/2011

Pipe Segment Reference :

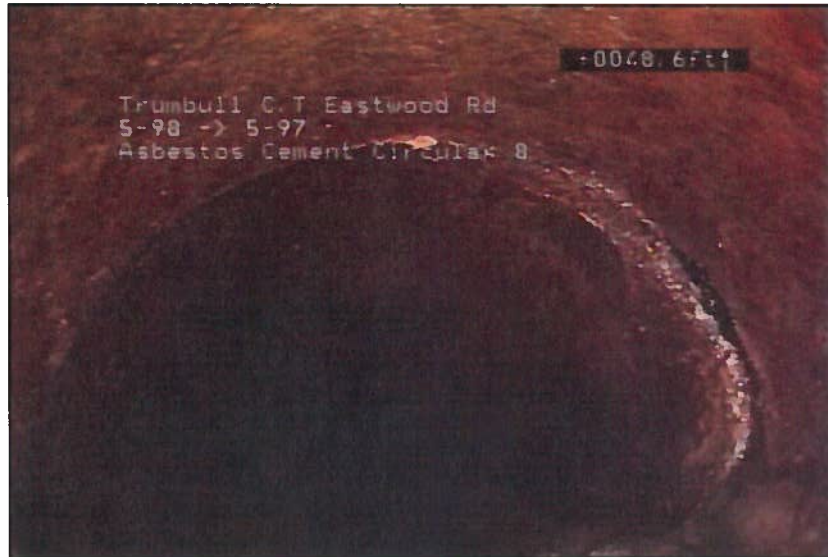
Section No :
103

Photo: 47_48_280_A.JPG, VCR No.: disc #6
48.6FT, Infiltration Gusher, from 04 to 08 o'clock, within 8 inches of
joint: YES

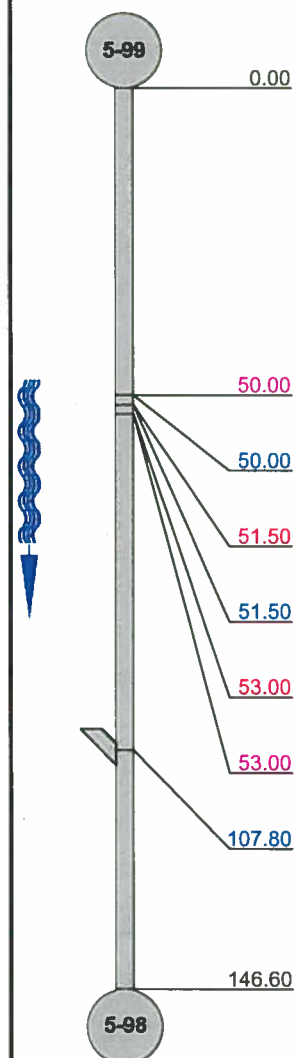
Inspection Report / Inspection: 1

Date 10/12/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 104
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/11/2011	Pre-Cleaning Jetting	Sewer Category

Street Eastwood Rd	Use of Sewer Sanitary	Upstream MH 5-99
City Trumbull, CT	Drainage Area	Downstream MH 5-98
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 146.60 ft	Section Length 146.60 ft

Purpose of Survey Routine Assessment	Joint Length 12.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. disc #6	Lining Method Other

Add. Information :

1:375	Position	Code	Observation	Photo
		AMH	Upstream Manhole, Survey Begins / MH 5-99	
	50.00	H	Hole, at 01 o'clock, within 8 inches of joint: NO	46_47_270_A.JPG
	50.00	IW	Infiltration Weeper, at 01 o'clock, within 8 inches of joint: NO	46_47_271_A.JPG
	51.50	HVV	Hole Void Visible, at 02 o'clock, within 8 inches of joint: NO	46_47_272_A.JPG
	51.50	IW	Infiltration Weeper, at 02 o'clock, within 8 inches of joint: NO	46_47_273_A.JPG
	53.00	HVV	Hole Void Visible, at 02 o'clock, within 8 inches of joint: YES	46_47_274_A.JPG
	53.00	IR	Infiltration Runner, at 02 o'clock, within 8 inches of joint: YES	46_47_275_A.JPG
	107.80	TFD	Tap Factory Made Defective, at 02 o'clock, 6", within 8 inches of joint: NO / DAE, Roots	
	146.60	AOC	Drop Connection, Survey Ends / MH 5-98	

QSR

QMR

SPR

MPR

OPR

SPRI

MPRI

OPRI

5241

4123

14

10

24

4.67

2.5

3.43

Inspection photos / Inspection: 1City :
Trumbull, CTStreet :
Eastwood RdDate :
10/11/2011

Pipe Segment Reference :

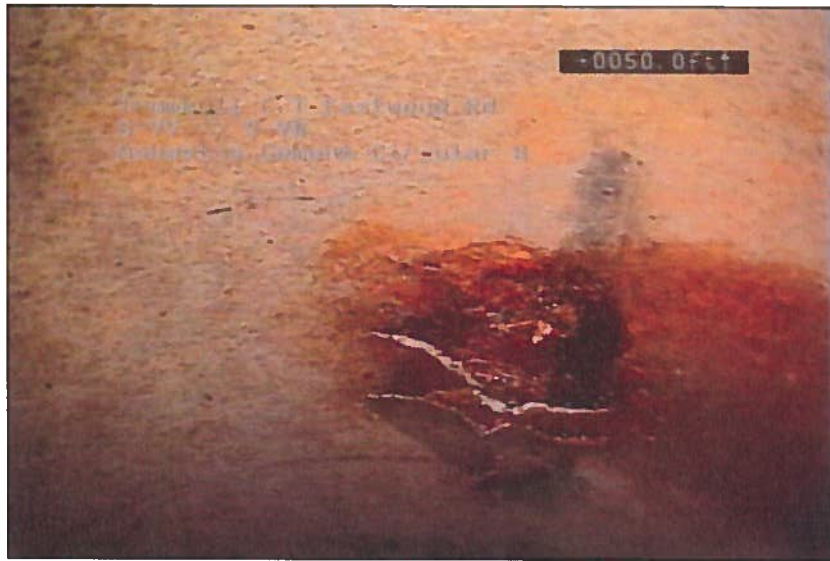
Section No :
104

Photo: 46_47_270_A.JPG, VCR No.: disc #6
50FT, Hole, at 01 o'clock, within 8 inches of joint: NO

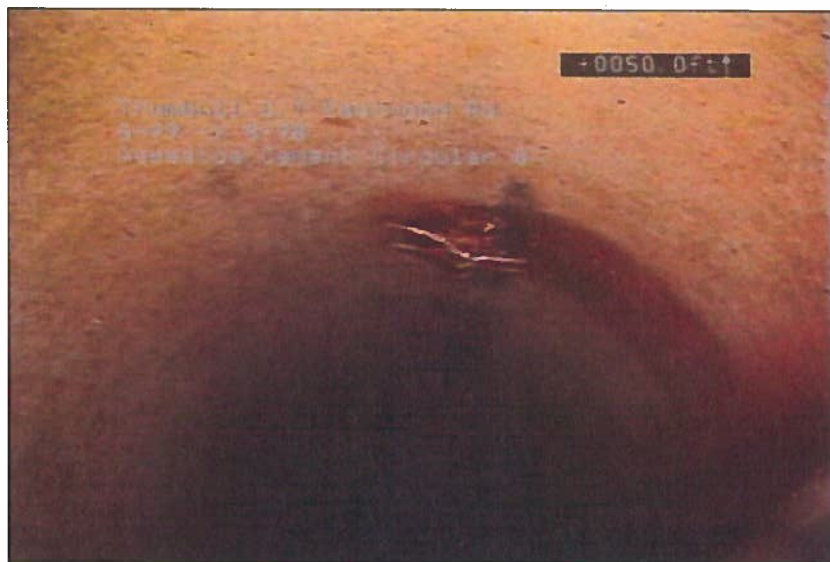


Photo: 46_47_271_A.JPG, VCR No.: disc #6
50FT, Infiltration Weeper, at 01 o'clock, within 8 inches of joint: NO

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Eastwood Rd	Date : 10/11/2011	Pipe Segment Reference :	Section No : 104
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Photo: 46_47_272_A.JPG, VCR No.: disc #6
51.5FT, Hole Void Visible, at 02 o'clock, within 8 inches of joint: NO



Photo: 46_47_273_A.JPG, VCR No.: disc #6
51.5FT, Infiltration Weeper, at 02 o'clock, within 8 inches of joint: NO

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Eastwood Rd	Date : 10/11/2011	Pipe Segment Reference :	Section No : 104
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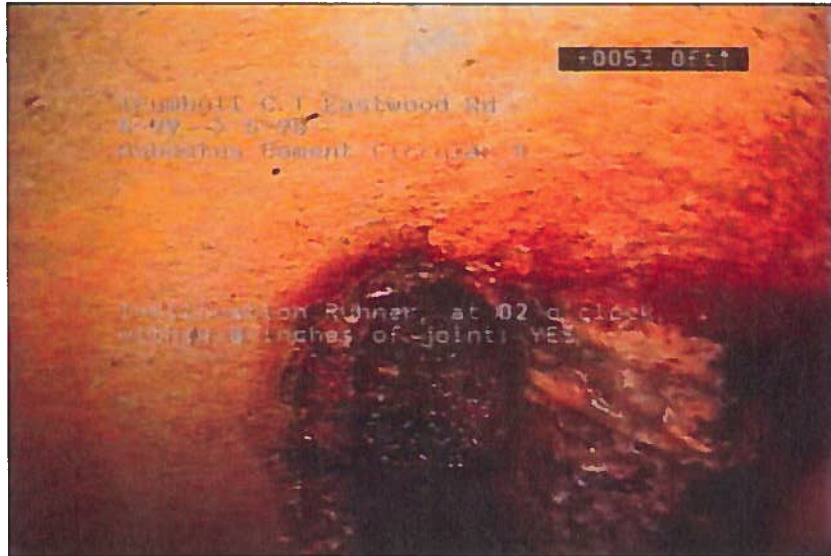


Photo: 46_47_274_A.JPG, VCR No.: disc #6

53FT, Hole Void Visible, at 02 o'clock, within 8 inches of joint: YES

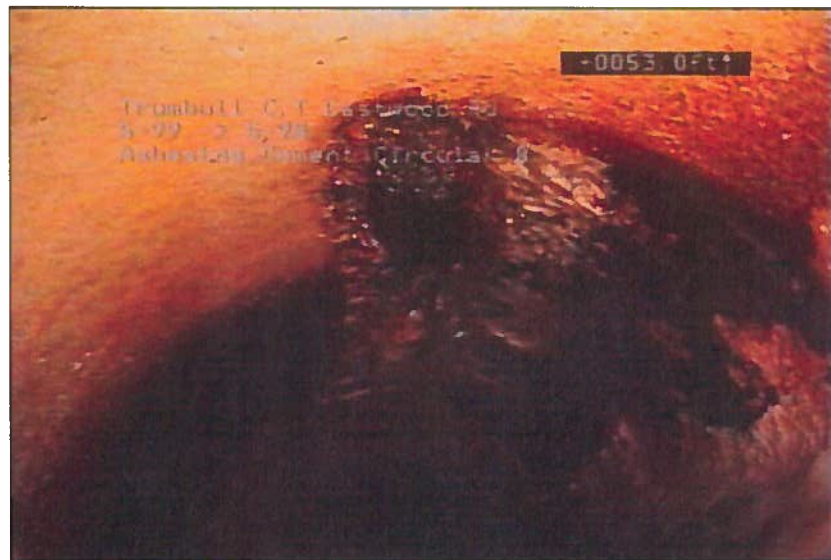


Photo: 46_47_275_A.JPG, VCR No.: disc #6

53FT, Infiltration Runner, at 02 o'clock, within 8 inches of joint: YES



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Inspection Report / Inspection: 1

Date 10/4/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 146
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/4/2011	Pre-Cleaning Jetting	Sewer Category

Street Lillian Dr	Use of Sewer Sanitary	Upstream MH 5-135
City Trumbull, CT	Drainage Area	Downstream MH 5-134
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 236.60 ft	Section Length 236.60 ft

Purpose of Survey Routine Assessment	Joint Length 3.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Tape 1	Lining Method Other

Add. Information :

1:600	Position	Code	Observation	Photo
	5-135	AMH	Upstream Manhole, Survey Begins / MH 5-135	
	0.00			
	27.20	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO	
	35.10	MWL	Water Level, 5 % of Cross Sectional Area	
	43.60	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO	
	111.00	TFD	Tap Factory Made Defective, at 10 o'clock, 6", within 8 inches of joint: NO / Infiltration Gusher.	17_18_127_A.JPG
	166.00	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO	
	185.90	FC	Fracture Circumferential, from 12 to 11 o'clock, within 8 inches of joint: NO	17_18_129_A.JPG
	186.00	IG	Infiltration Gusher, from 06 to 09 o'clock, within 8 inches of joint: NO	17_18_130_A.JPG
	236.60	AMH	Downstream Manhole, Survey Ends / MH 5-134	
5-134				

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2100	5122	2	9	11	2	3	2.75

Inspection photos / Inspection: 1City :
Trumbull, CTStreet :
Lillian DrDate :
10/4/2011

Pipe Segment Reference :

Section No :
146

Photo: 17_18_127_A.JPG, VCR No.: Tape 1
111FT, Tap Factory Made Defective, at 10 o'clock, 6", within 8 inches
of
joint: NO

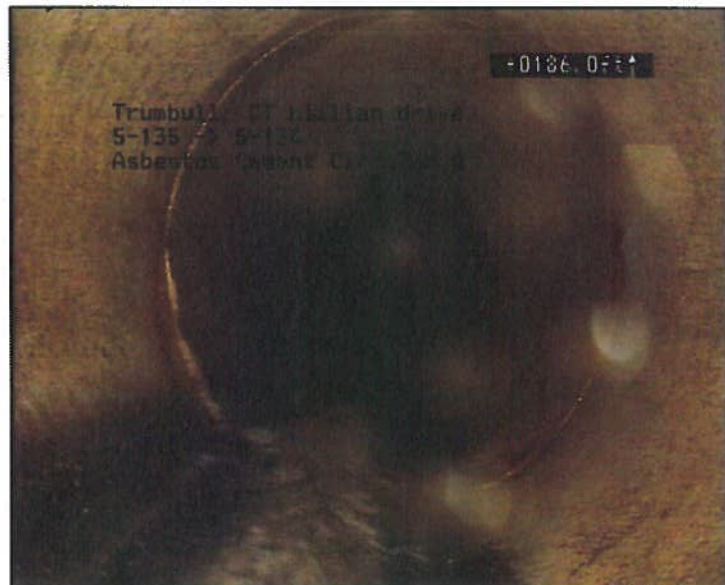


Photo: 17_18_129_A.JPG, VCR No.: Tape 1
185.9FT, Fracture Circumferential, from 12 to 11 o'clock, within 8
inches of joint: NO

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Lillian Dr	Date : 10/4/2011	Pipe Segment Reference :	Section No : 146
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Photo: 17_18_130_A.JPG, VCR No.: Tape 1
186FT, Infiltration Gusher, from 06 to 09 o'clock, within 8 inches of
joint:
NO



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Inspection Report / Inspection: 1

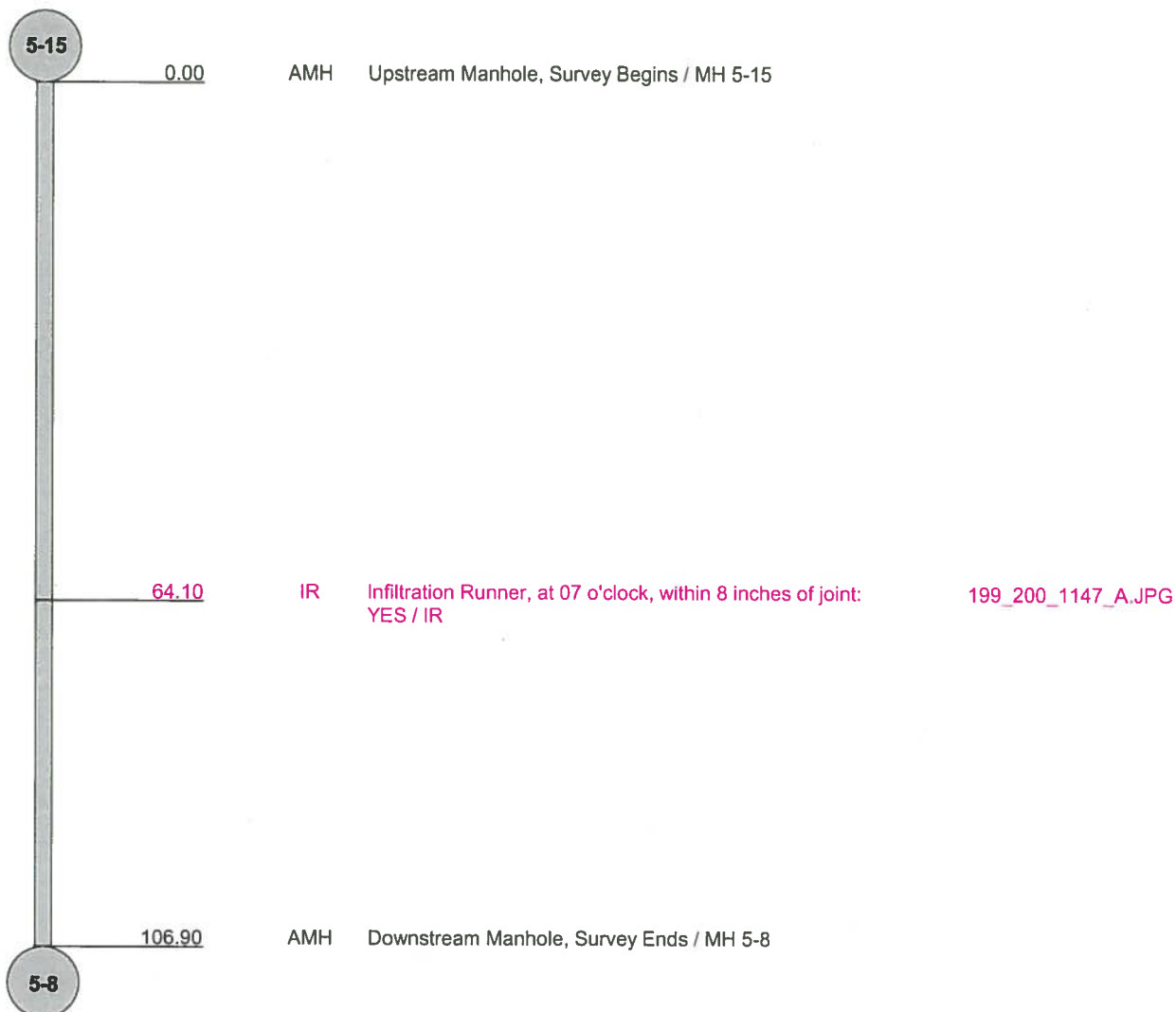
Date 12/14/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 15
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 12/14/2011	Pre-Cleaning Jetting	Sewer Category

Street Lindeman Dr	Use of Sewer Sanitary	Upstream MH 5-15
City Trumbull, CT	Drainage Area	Downstream MH 5-8
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 106.90 ft	Section Length 106.90 ft

Purpose of Survey Routine Assessment	Joint Length 12.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. disc #20	Lining Method Other

Add. Information :

1:270 **Position** **Code** **Observation** **Photo**



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4100	0	4	4	0	4	4

Inspection photos / Inspection: 1City :
Trumbull, CTStreet :
Lindeman DrDate :
12/14/2011

Pipe Segment Reference :

Section No :
15

Photo: 199_200_1147_A.JPG, VCR No.: disc #20

64.1FT, Infiltration Runner, at 07 o'clock, within 8 inches of joint: YES



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Inspection Report / Inspection: 1

Date 12/12/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 36
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 12/12/2011	Pre-Cleaning No Pre-Cleaning	Sewer Category

Street 14" Easement	Use of Sewer Sanitary	Upstream MH 5-34
City Trumbull, CT	Drainage Area	Downstream MH 5-33
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Easement/Right of Way	Length surveyed 118.10 ft	Section Length 118.10 ft
Purpose of Survey Routine Assessment	Joint Length 12.00 ft	
Year Laid	Dia./Height 15 inch	
Year Rehabilitated	Material Asbestos Cement	
Tape / Media No. disc #17	Lining Method Other	

Add. Information:

1:300	Position	Code	Observation	Photo
	0.00	AMH	Upstream Manhole, Survey Begins / MH 5-34	
	42.30	IG	Infiltration Gusher, from 12 to 12 o'clock, within 8 inches of joint: YES / IG	154_155_960_A.JPG
	87.80	IG	Infiltration Gusher, at 08 o'clock, within 8 inches of joint: YES / IG	154_155_961_A.JPG
	118.10	AMH	Downstream Manhole, Survey Ends / MH 5-33	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	5200	0	10	10	0	5	5

Trumbull, CT CCTV Inspection

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : 14" Easement	Date : 12/12/2011	Pipe Segment Reference :	Section No : 36
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Photo: 154_155_960_A.JPG, VCR No.: disc #17
42.3FT, Infiltration Gusher, from 12 to 12 o'clock, within 8 inches of joint: YES

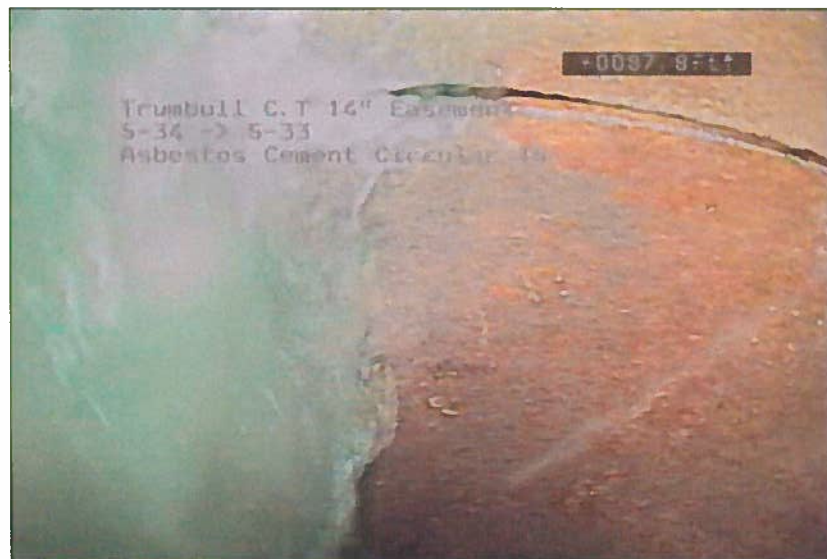


Photo: 154_155_961_A.JPG, VCR No.: disc #17
87.8FT, Infiltration Gusher, at 08 o'clock, within 8 inches of joint: YES



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Inspection Report / Inspection: 1

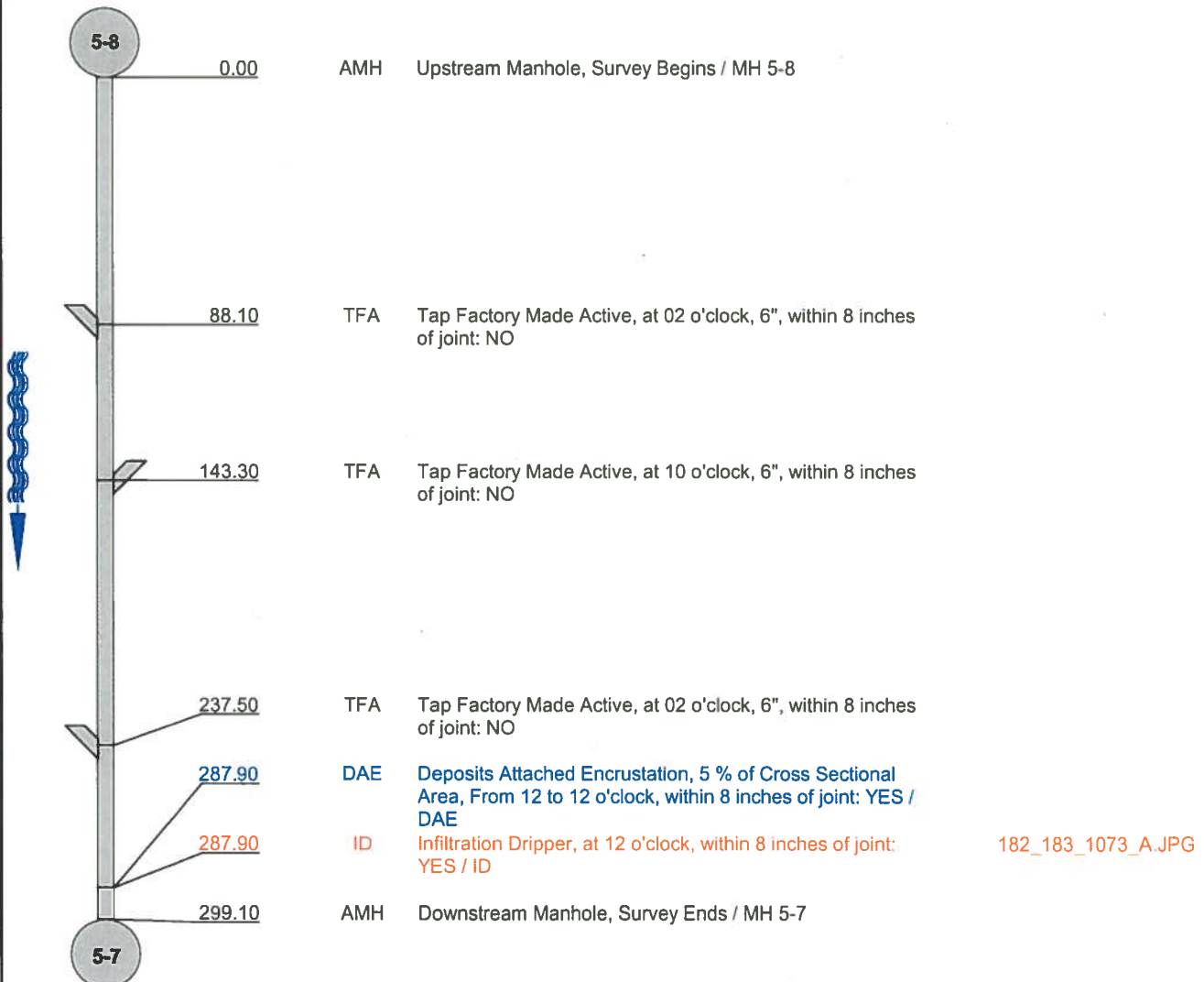
Date 12/14/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 8
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 12/14/2011	Pre-Cleaning No Pre-Cleaning	Sewer Category

Street Reservoir Ave	Use of Sewer Sanitary	Upstream MH 5-8
City Trumbull, CT	Drainage Area	Downstream MH 5-7
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 299.10 ft	Section Length 299.10 ft

Purpose of Survey Routine Assessment	Joint Length 12.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. disc #19	Lining Method Other

Add. Information :

1:750 **Position** **Code** **Observation** **Photo**



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3121	0	5	5	0	2.5	2.5

Inspection photos / Inspection: 1City :
Trumbull, CTStreet :
Reservoir AveDate :
12/14/2011

Pipe Segment Reference :

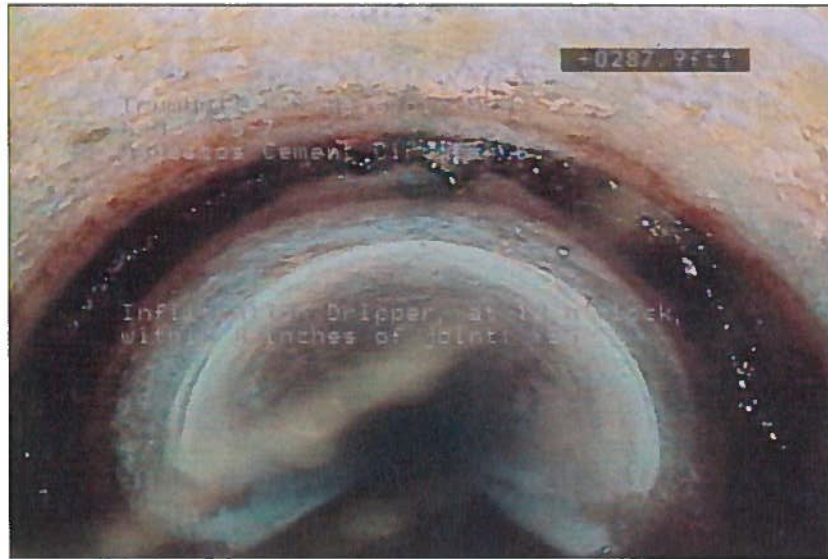
Section No :
8

Photo: 182_183_1073_A.JPG, VCR No.: disc #19

287.9FT, Infiltration Dripper, at 12 o'clock, within 8 inches of joint: YES



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Inspection Report / Inspection: 1

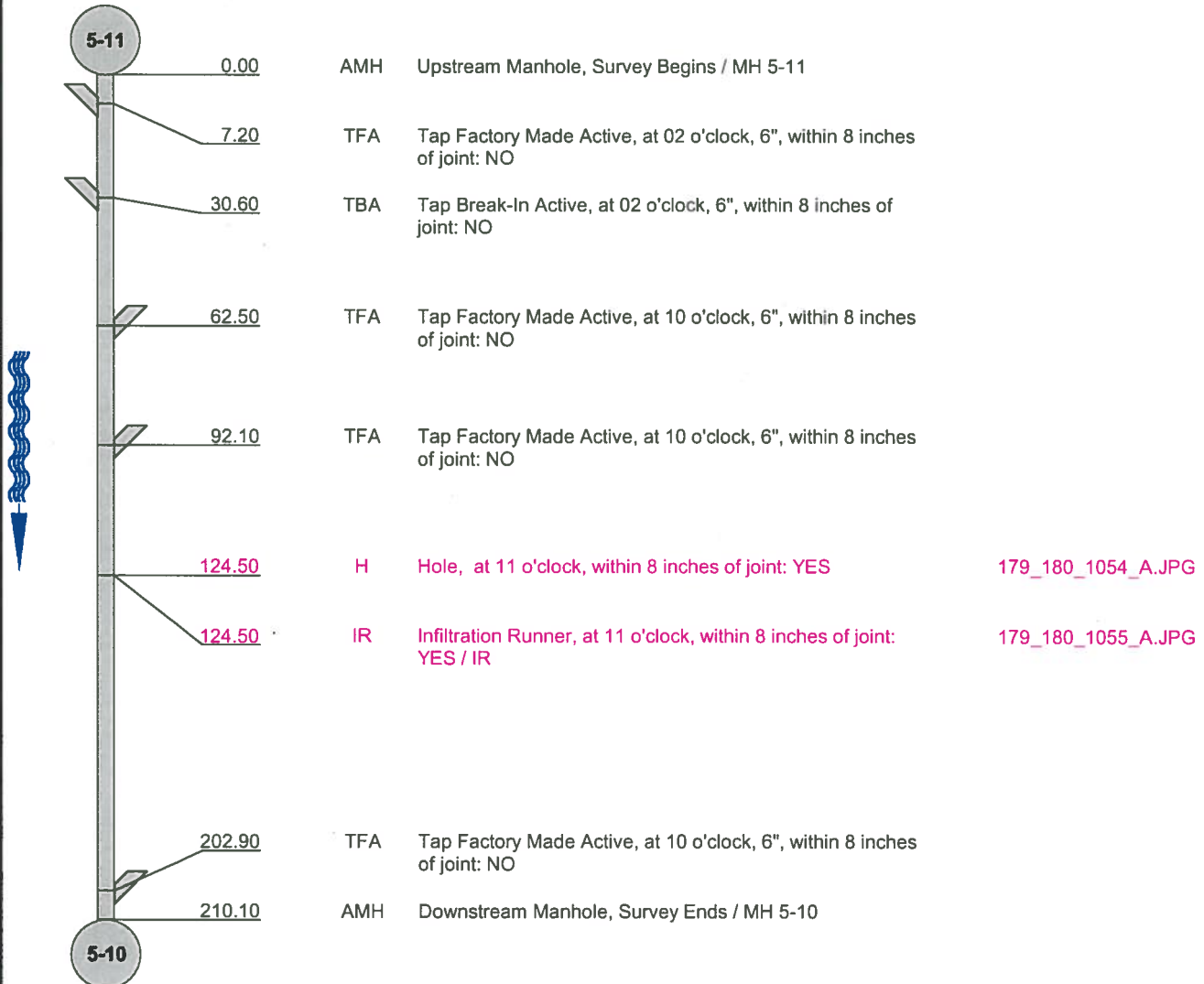
Date 12/14/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 11
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 12/14/2011	Pre-Cleaning Jetting	Sewer Category

Street Reservoir Ave	Use of Sewer Sanitary	Upstream MH 5-11
City Trumbull, CT	Drainage Area	Downstream MH 5-10
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 210.10 ft	Section Length 210.10 ft

Purpose of Survey Routine Assessment	Joint Length 12.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. disc #18	Lining Method Other

Add. Information :

1:525 **Position** **Code** **Observation** **Photo**



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4100	4100	4	4	8	4	4	4

Inspection photos / Inspection: 1City :
Trumbull, CTStreet :
Reservoir AveDate :
12/14/2011

Pipe Segment Reference :

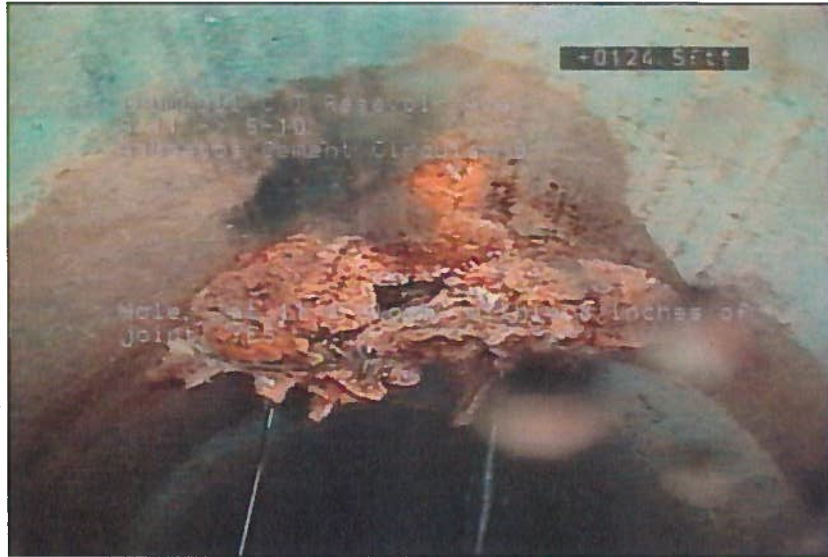
Section No :
11

Photo: 179_180_1054_A.JPG, VCR No.: disc #18
124.5FT, Hole, at 11 o'clock, within 8 inches of joint: YES



Photo: 179_180_1055_A.JPG, VCR No.: disc #18
124.5FT, Infiltration Runner, at 11 o'clock, within 8 inches of joint: YES

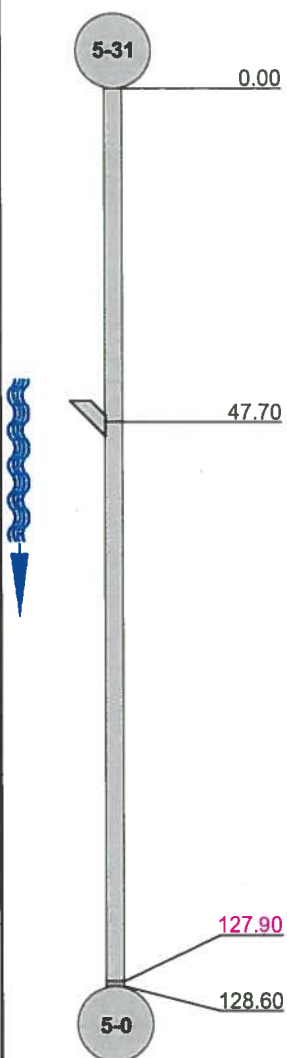
Inspection Report / Inspection: 1

Date 12/12/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 33
Certificate No. 789456	Survey Customer Hadlyme Environmental	System Owner Trumbull, CT	Date Cleaned 12/12/2011	Pre-Cleaning No Pre-Cleaning	Sewer Category

Street 14" Easement	Use of Sewer Sanitary	Upstream MH 5-31
City Trumbull, CT	Drainage Area	Downstream MH 5-0
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Easement/Right of Way	Length surveyed 128.60 ft	Section Length 128.60 ft

Purpose of Survey Routine Assessment	Joint Length 12.00 ft
Year Laid	Dia./Height 15 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. disc #17	Lining Method Other

Add. Information :

1:330	Position	Code	Observation	Photo
		AMH	Upstream Manhole, Survey Begins / MH 5-31	
		TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO	
		IR	Infiltration Runner, from 01 to 04 o'clock, within 8 inches of joint: YES / IR at manhole connection	157_158_969_A.JPG
		AWW	Lift Station, Survey Ends / MH 5-0	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4100	0	4	4	0	4	4

Inspection photos / Inspection: 1City :
Trumbull, CTStreet :
14" EasementDate :
12/12/2011

Pipe Segment Reference :

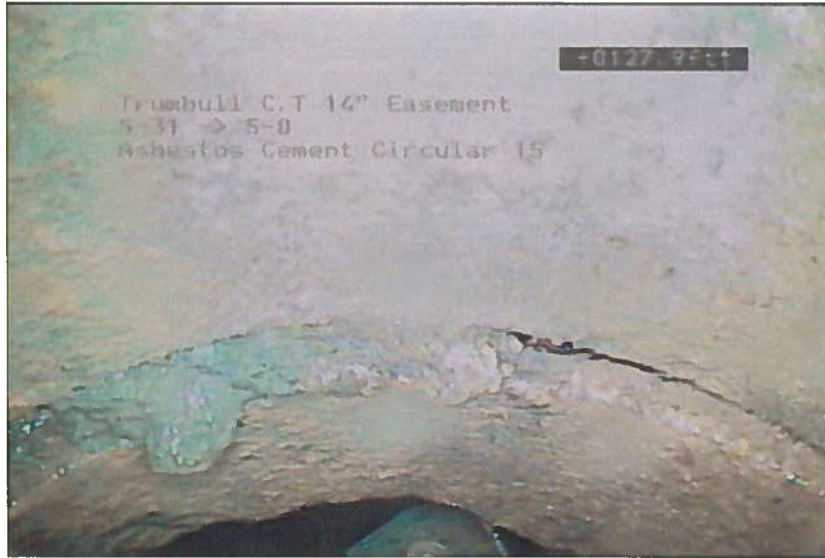
Section No :
33

Photo: 157_158_969_A.JPG, VCR No.: disc #17
127.9FT, Infiltration Runner, from 01 to 04 o'clock, within 8 inches of
joint: YES



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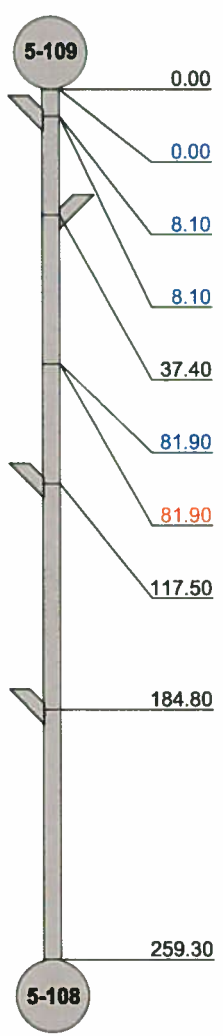
Inspection Report / Inspection: 1

Date 10/5/2011	P/O. No. 12051B	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 114
Certificate No. 789456	Survey Customer Hadiyme Environmental	System Owner Trumbull, CT	Date Cleaned 10/5/2011	Pre-Cleaning Jetting	Sewer Category

Street White Oak Rd	Use of Sewer Sanitary	Upstream MH 5-109
City Trumbull, CT	Drainage Area	Downstream MH 5-108
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 259.30 ft	Section Length 259.30 ft

Purpose of Survey Routine Assessment	Joint Length 3.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Tape 1	Lining Method Other

Add. Information : **Footage Overlay Is Incorrect.**

1:660	Position	Code	Observation	Photo			
							
	0.00	AMH	Upstream Manhole, Survey Begins / MH 5-109				
	0.00	MWL	Water Level, 5 % of Cross Sectional Area				
	8.10	TSD	Tap Saddle Defective, at 02 o'clock, 6", within 8 inches of joint: NO / DAE	30_31_249_A.JPG			
	8.10	DAE	Deposits Attached Encrustation, 5 % of Cross Sectional Area, From 12 to 04 o'clock, Within 8 inches of joint: NO	30_31_250_A.JPG			
	37.40	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO				
	81.90	DAE	Deposits Attached Encrustation, 10 % of Cross Sectional Area, From 12 to 11 o'clock, Within 8 inches of joint: YES	30_31_252_A.JPG			
	81.90	ID	Infiltration Dripper, at 01 o'clock, within 8 inches of joint: YES				
	117.50	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO				
	184.80	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO				
	259.30	AMH	Downstream Manhole, Survey Ends / 5-108				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3124	0	11	11	0	2.2	2.2

Inspection photos / Inspection: 1City :
Trumbull, CTStreet :
White Oak RdDate :
10/5/2011

Pipe Segment Reference :

Section No :
114

Photo: 30_31_249_A.JPG, VCR No.: Tape 1
8.1FT, Tap Saddle Defective, at 02 o'clock, 6", within 8 inches of joint:
NO



Photo: 30_31_250_A.JPG, VCR No.: Tape 1
8.1FT, Deposits Attached Encrustation, 5 % of Cross Sectional Area,
From 12 to 04 o'clock, Within 8 inches of joint: NO

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : White Oak Rd	Date : 10/5/2011	Pipe Segment Reference :	Section No : 114
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Photo: 30_31_252_A.JPG, VCR No.: Tape 1
81.9FT, Deposits Attached Encrustation, 10 % of Cross Sectional
Area, From 12 to 11 o'clock, Within 8 inches of joint: YES



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Inspection Report / Inspection: 1

Date 12/11/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 333
Certificate No. 789456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 12/11/2012	Pre-Cleaning Jetting	Sewer Category

Street Algonquin Tr	Use of Sewer Sanitary	Upstream MH 763
City Trumbull, CT	Drainage Area	Downstream MH 762
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Easement/Right of Way	Length surveyed 141.80 ft	Section Length 142.00 ft

Purpose of Survey Routine Assessment	Joint Length 8.00 ft
Year Laid	Dia./Height 24 inch
Year Rehabilitated	Material Reinforced Concrete Pipe
Tape / Media No. 47	Lining Method Other

Add. Information :

1:364	Position	Code	Observation	Photo			
	0.00	AMH	Upstream Manhole, Survey Begins / MH 763				
	95.40	IR	Infiltration Runner, from 06 to 09 o'clock, within 8 inches of joint: YES	516_516_2604_A.jpg			
	119.80	IS	Infiltration Stain, from 06 to 09 o'clock, within 8 inches of joint: YES				
	141.80	AMH	Downstream Manhole, Survey Ends / MH 762				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4100	0	4	4	0	4	4

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Algonquin Tr	Date : 12/11/2012	Pipe Segment Reference :	Section No : 333
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Photo: 516_516_2604_A.jpg, VCR No.: 47
95.4FT, Infiltration Runner, from 06 to 09 o'clock, within 8 inches of
joint: YES



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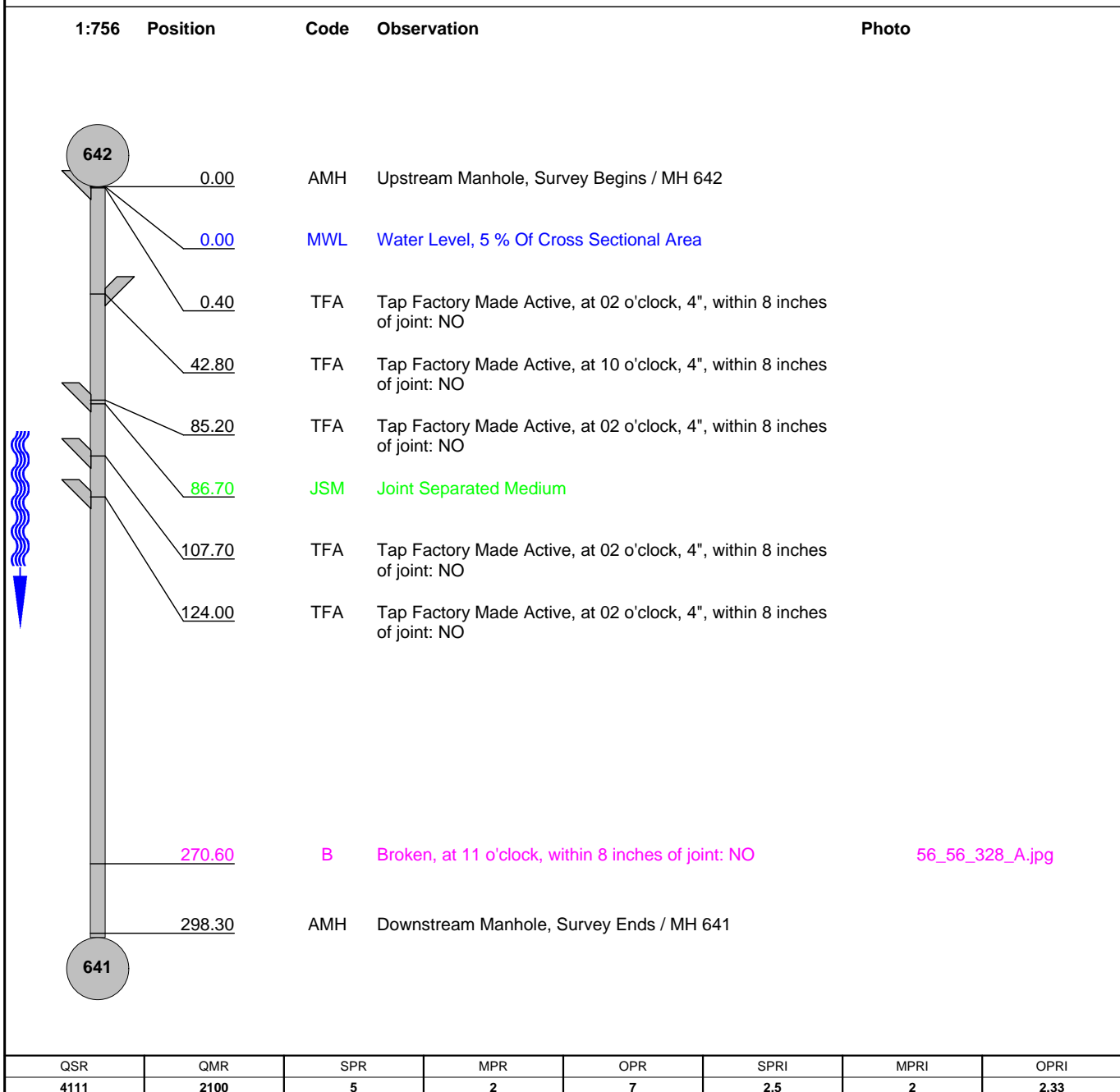
Inspection Report / Inspection: 1

Date 9/25/2012	P/O. No.	Weather Dry	Surveyor's Name EH	Pipe Segment Reference	Section No. 210
Certificate No. 123456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 9/25/2012	Pre-Cleaning Jetting	Sewer Category

Street Allen	Use of Sewer Sanitary	Upstream MH 642
City Trumbull, CT	Drainage Area	Downstream MH 641
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 298.30 ft	Section Length 300.00 ft

Purpose of Survey Routine Assessment	Joint Length 13.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Disc 7	Lining Method Other

Add. Information :

1:756	Position	Code	Observation	Photo
	0.00	AMH	Upstream Manhole, Survey Begins / MH 642	
	0.00	MWL	Water Level, 5 % Of Cross Sectional Area	
	0.40	TFA	Tap Factory Made Active, at 02 o'clock, 4", within 8 inches of joint: NO	
	42.80	TFA	Tap Factory Made Active, at 10 o'clock, 4", within 8 inches of joint: NO	
	85.20	TFA	Tap Factory Made Active, at 02 o'clock, 4", within 8 inches of joint: NO	
	86.70	JSM	Joint Separated Medium	
	107.70	TFA	Tap Factory Made Active, at 02 o'clock, 4", within 8 inches of joint: NO	
	124.00	TFA	Tap Factory Made Active, at 02 o'clock, 4", within 8 inches of joint: NO	
	270.60	B	Broken, at 11 o'clock, within 8 inches of joint: NO	56_56_328_A.jpg
	298.30	AMH	Downstream Manhole, Survey Ends / MH 641	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4111	2100	5	2	7	2.5	2	2.33

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Allen	Date : 9/25/2012	Pipe Segment Reference :	Section No : 210
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Photo: 56_56_328_A.jpg, VCR No.: Disc 7
270.6FT, Broken, at 11 o'clock, within 8 inches of joint: NO



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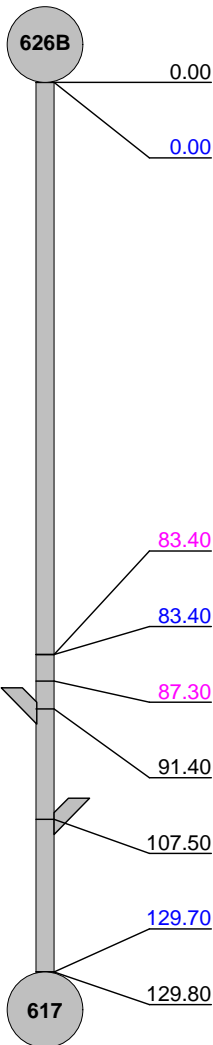
Inspection Report / Inspection: 1

Date 10/2/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 193
Certificate No. 123456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 10/2/2012	Pre-Cleaning Jetting	Sewer Category

Street Canterbury Ln	Use of Sewer Sanitary	Upstream MH 626B
City Trumbull, CT	Drainage Area	Downstream MH 617
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 129.80 ft	Section Length 129.80 ft

Purpose of Survey Routine Assessment	Joint Length 13.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Disc 12	Lining Method Other

Add. Information :

1:336	Position	Code	Observation	Photo			
	0.00	AMH	Upstream Manhole, Survey Begins / MH 626B				
	0.00	MWL	Water Level, 10 % Of Cross Sectional Area				
	83.40	B	Broken, from 12 to 01 o'clock, within 8 inches of joint: NO	155_155_856_A.jpg			
	83.40	MWLS	Water Level, Sag In Pipe, 40 % Of Cross Sectional Area / Start				
	87.30	B	Broken, from 12 to 01 o'clock, within 8 inches of joint: NO	155_155_857_A.jpg			
	91.40	TFA	Tap Factory Made Active, at 03 o'clock, 6", within 8 inches of joint: NO				
	107.50	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO				
	129.70	MWLS	Water Level, Sag In Pipe, 40 % Of Cross Sectional Area / Ends				
	129.80	AMH	Downstream Manhole, Survey Ends / MH 617				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4200	2300	8	6	14	4	2	2.8

Trumbull, CT CCTV Inspection

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Canterbury Ln	Date : 10/2/2012	Pipe Segment Reference :	Section No : 193
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Photo: 155_155_856_A.jpg, VCR No.: Disc 12
83.4FT, Broken, from 12 to 01 o'clock, within 8 inches of joint: NO



Photo: 155_155_857_A.jpg, VCR No.: Disc 12
87.3FT, Broken, from 12 to 01 o'clock, within 8 inches of joint: NO



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Inspection Report / Inspection: 1

Date 10/2/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 198
Certificate No. 123456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 10/2/2012	Pre-Cleaning Jetting	Sewer Category

Street Canterbury Ln	Use of Sewer Sanitary	Upstream MH 629
City Trumbull, CT	Drainage Area	Downstream MH 630
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 253.70 ft	Section Length 253.70 ft

Purpose of Survey Routine Assessment	Joint Length 13.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Disc 12	Lining Method Other

Add. Information :

1:644	Position	Code	Observation	Photo			
	0.00	AMH	Upstream Manhole, Survey Begins / MH 631				
	84.60	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO				
	219.20	TFD	Tap Factory Made Defective, at 10 o'clock, 6", within 8 inches of joint: NO				
	253.70	AMH	Downstream Manhole, Survey Ends / MH 630				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	2100	0	2	2	0	2	2



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Inspection Report / Inspection: 1

Date 11/5/2012	P/O. No.	Weather Dry	Surveyor's Name CJ	Pipe Segment Reference	Section No. 320
Certificate No. 789456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 11/5/2012	Pre-Cleaning Jetting	Sewer Category

Street Church Hill Rd	Use of Sewer Sanitary	Upstream MH 753
City Trumbull, CT	Drainage Area	Downstream MH 752
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 298.10 ft	Section Length 298.10 ft

Purpose of Survey Routine Assessment	Joint Length 13.00 ft
Year Laid	Dia./Height 10 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Disc 33	Lining Method Other

Add. Information :

1:756	Position	Code	Observation	Photo
	753	AMH	Upstream Manhole, Survey Begins / MH 753	
	0.00	MWL	Water Level, 10 % Of Cross Sectional Area	
	13.80	TFC	Tap Factory Made Capped, at 09 o'clock, 6", within 8 inches of joint: YES	
	55.10	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: YES	
	70.90	B	Broken, at 12 o'clock, within 8 inches of joint: YES	378_378_1886_A.jpg
	70.90	IW	Infiltration Weeper, from 02 to 07 o'clock, within 8 inches of joint: NO	
	133.70	TFA	Tap Factory Made Active, at 09 o'clock, 6", within 8 inches of joint: YES	
	253.80	TFA	Tap Factory Made Active, at 09 o'clock, 6", within 8 inches of joint: YES	
	298.10	AMH	Downstream Manhole, Survey Ends / MH 752	
	752			

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5100	2200	5	4	9	5	2	3

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Church Hill Rd	Date : 11/5/2012	Pipe Segment Reference :	Section No : 320
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Photo: 378_378_1886_A.jpg, VCR No.: Disc 33
70.9FT, Broken, at 12 o'clock, within 8 inches of joint: YES



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Inspection Report / Inspection: 1

Date 10/9/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 48
Certificate No. 789456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 10/9/2012	Pre-Cleaning Jetting	Sewer Category

Street Geraldine Cir	Use of Sewer Sanitary	Upstream MH 496
City Trumbull, CT	Drainage Area	Downstream MH 495
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 163.20 ft	Section Length 164.00 ft
Purpose of Survey Routine Assessment	Joint Length 13.00 ft	
Year Laid	Dia./Height 8 inch	
Year Rehabilitated	Material Asbestos Cement	
Tape / Media No. Disc 17	Lining Method Other	

Add. Information :

1:420	Position	Code	Observation	Photo			
	0.00	AMH	Upstream Manhole, Survey Begins / MH 496				
	0.00	MWL	Water Level, 5 % Of Cross Sectional Area				
	7.50	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO				
	50.00	TFD	Tap Factory Made Defective, at 10 o'clock, 6", within 8 inches of joint: NO / IR				
	50.00	ISSRH	Intruding Sealing Ring Hanging, 5 % Of Cross Sectional Area, From 11 to 06 o'clock				
	50.00	IG	Infiltration Gusher, at 12 o'clock, within 8 inches of joint: NO / In Service.	215_215_2845_A.jpg			
	118.30	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO				
	163.20	AMH	Downstream Manhole, Survey Ends / MH 495				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	5123	0	11	11	0	2.75	2.75

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Geraldine Cir	Date : 10/9/2012	Pipe Segment Reference :	Section No : 48
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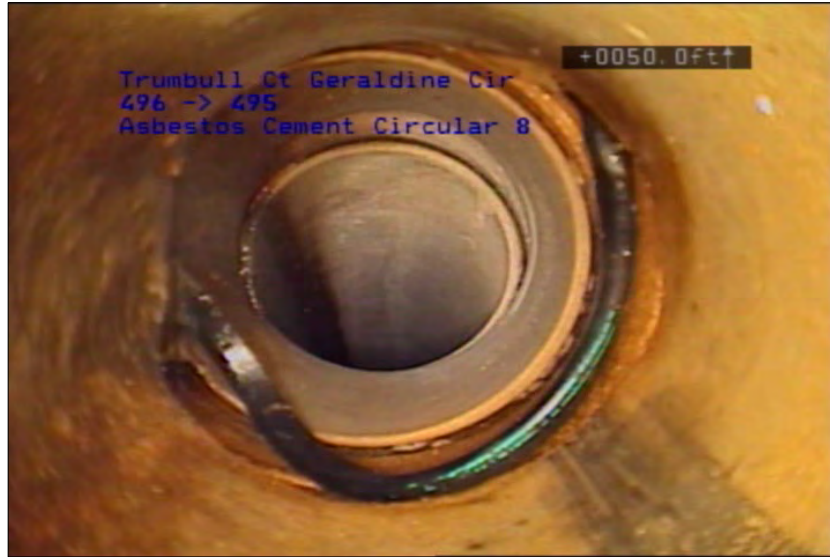


Photo: 215_215_2845_A.jpg, VCR No.: Disc 17
50FT, Infiltration Gusher, at 12 o'clock, within 8 inches of joint: NO



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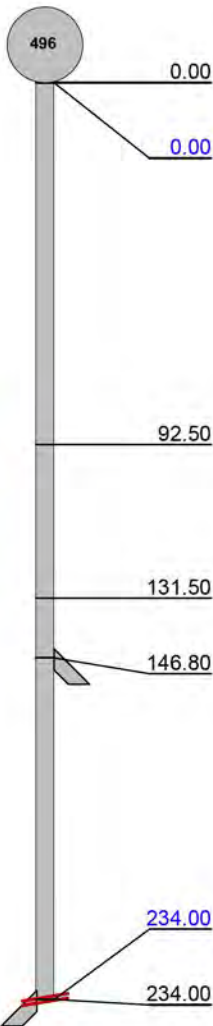
Inspection Report / Inspection: 1

Date 10/15/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 49
Certificate No. 789456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 10/9/2012	Pre-Cleaning Jetting	Sewer Category

Street Geraldine Cir	Use of Sewer Sanitary	Upstream MH 497
City Trumbull, CT	Drainage Area	Downstream MH 496
Loc. details	Flow Control Not Controlled	Dir. of Survey Upstream
Location Code Light Highway	Length surveyed 234.00 ft	Section Length 234.00 ft

Purpose of Survey Routine Assessment	Joint Length 13.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Disc 16	Lining Method Other

Add. Information :

1:588	Position	Code	Observation	Photo			
	0.00	AMH	Downstream Manhole, Survey Begins / MH 497				
	0.00	MWL	Water Level, 5 % Of Cross Sectional Area				
	92.50	IS	Infiltration Stain, from 02 to 05 o'clock, within 8 inches of joint: YES				
	131.50	IS	Infiltration Stain, from 02 to 05 o'clock, within 8 inches of joint: NO				
	146.80	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO				
	234.00	TBI	Tap Break-In Intruding, at 02 o'clock, 6", 3", within 8 inches of joint: NO				
	234.00	MSA	Survey Abandoned / Due To Intruding Tap. Complete's Inspection.				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	2200	0	4	4	0	2	2



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Inspection Report / Inspection: 1

Date 10/9/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 50
Certificate No. 789456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 10/9/2012	Pre-Cleaning Jetting	Sewer Category

Street Geraldine Cir	Use of Sewer Sanitary	Upstream MH 497
City Trumbull, CT	Drainage Area	Downstream MH 496
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 31.00 ft	Section Length 31.00 ft

Purpose of Survey Routine Assessment	Joint Length 13.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Disc 16	Lining Method Other

Add. Information :

1:84	Position	Code	Observation	Photo			
	0.00	AMH	Upstream Manhole, Survey Begins / MH 497				
	0.00	MWL	Water Level, 5 % Of Cross Sectional Area				
	8.30	HSV	Hole Soil Visible, at 12 o'clock, within 8 inches of joint: NO	213_213_1121_A.jpg			
	8.30	IS	Infiltration Stain, at 12 o'clock, within 8 inches of joint: NO				
	11.60	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO				
	31.00	TBI	Tap Break-In Intruding, at 10 o'clock, 6", 3", within 8 inches of joint: NO				
	31.00	MSA	Survey Abandoned / Due To Intruding Tap.	213_213_1125_A.jpg			
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5100	2200	5	4	9	5	2	3

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Geraldine Cir	Date : 10/9/2012	Pipe Segment Reference :	Section No : 50
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Photo: 213_213_1121_A.jpg, VCR No.: Disc 16
8.3FT, Hole Soil Visible, at 12 o'clock, within 8 inches of joint: NO



Photo: 213_213_1125_A.jpg, VCR No.: Disc 16
31FT, Survey Abandoned



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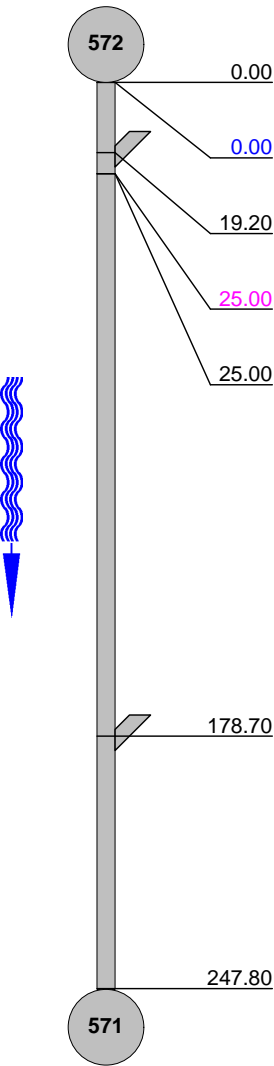
Inspection Report / Inspection: 1

Date 10/18/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 133
Certificate No. 789456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 10/18/2012	Pre-Cleaning Jetting	Sewer Category

Street Grandview Dr	Use of Sewer Sanitary	Upstream MH 572
City Trumbull, CT	Drainage Area	Downstream MH 571
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 247.80 ft	Section Length 248.00 ft

Purpose of Survey Routine Assessment	Joint Length 13.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Disc 22	Lining Method Other

Add. Information :

1:630	Position	Code	Observation	Photo			
	0.00	AMH	Upstream Manhole, Survey Begins / MH 572				
	0.00	MWL	Water Level, 5 % Of Cross Sectional Area				
	19.20	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO				
	25.00	B	Broken, from 09 to 10 o'clock, within 8 inches of joint: NO	252_252_1324_A.jpg			
	25.00	IS	Infiltration Stain, from 09 to 10 o'clock, within 8 inches of joint: NO				
	178.70	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO				
	247.80	AMH	Downstream Manhole, Survey Ends / MH 571				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4100	2100	4	2	6	4	2	3

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Grandview Dr	Date : 10/18/2012	Pipe Segment Reference :	Section No : 133
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Photo: 252_252_1324_A.jpg, VCR No.: Disc 22
25FT, Broken, from 09 to 10 o'clock, within 8 inches of joint: NO



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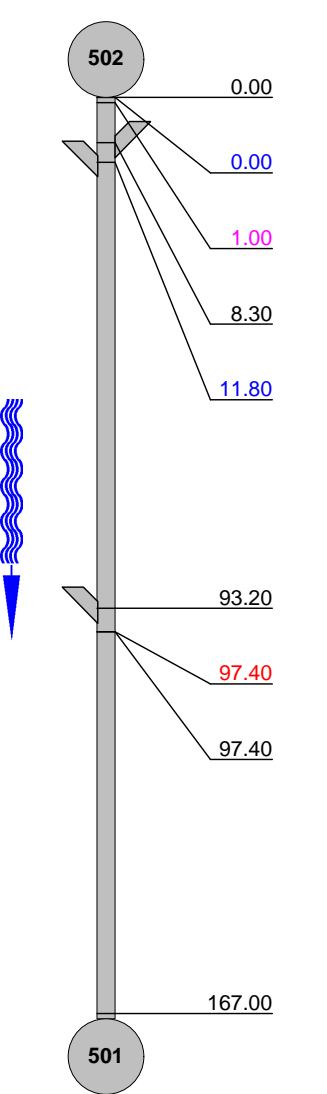
Inspection Report / Inspection: 1

Date 10/18/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 55
Certificate No. 789456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 10/18/2012	Pre-Cleaning Jetting	Sewer Category

Street Lawrence Rd	Use of Sewer Sanitary	Upstream MH 502
City Trumbull, CT	Drainage Area	Downstream MH 501
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 167.00 ft	Section Length 168.00 ft

Purpose of Survey Routine Assessment	Joint Length 13.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Disc 21	Lining Method Other

Add. Information :

1:420	Position	Code	Observation	Photo			
	0.00	AMH	Upstream Manhole, Survey Begins / MH 502				
	0.00	MWL	Water Level, 5 % Of Cross Sectional Area				
	1.00	H	Hole, at 10 o'clock, within 8 inches of joint: YES	245_245_2873_A.jpg			
	8.30	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO				
	11.80	TFD	Tap Factory Made Defective, at 02 o'clock, 6", within 8 inches of joint: NO / IG				
	93.20	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO				
	97.40	HVV	Hole Void Visible, from 11 to 01 o'clock, within 8 inches of joint: YES	245_245_1286_A.jpg			
	97.40	IS	Infiltration Stain, at 12 o'clock, within 8 inches of joint: NO				
	167.00	AMH	Downstream Manhole, Survey Ends / MH 501				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5141	2200	9	4	13	4.5	2	3.25

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Lawrence Rd	Date : 10/18/2012	Pipe Segment Reference :	Section No : 55
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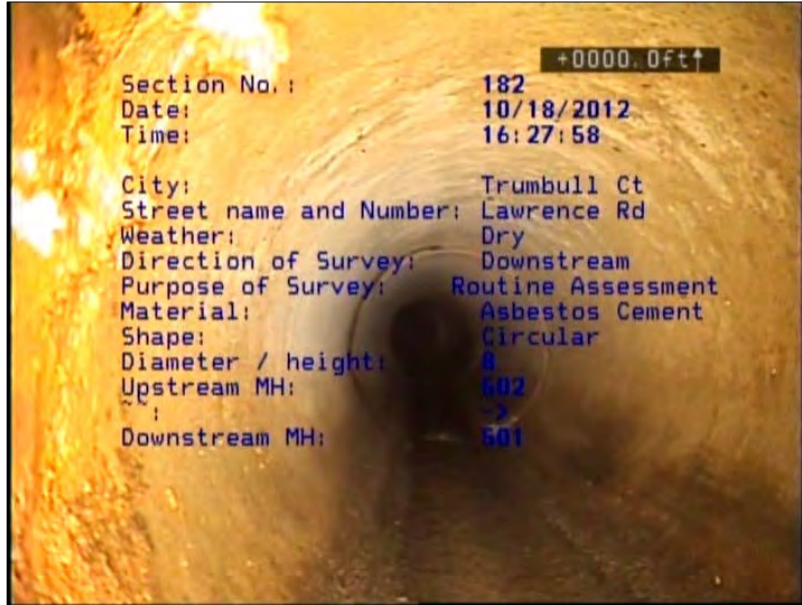


Photo: 245_245_2873_A.jpg, VCR No.: Disc 21
1FT, Hole, at 10 o'clock, within 8 inches of joint: YES



Photo: 245_245_1286_A.jpg, VCR No.: Disc 21
97.4FT, Hole Void Visible, from 11 to 01 o'clock, within 8 inches of joint: YES



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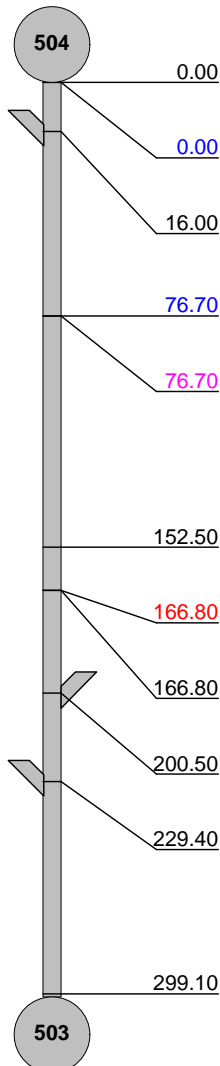
Inspection Report / Inspection: 1

Date 10/18/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 57
Certificate No. 789456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 10/18/2012	Pre-Cleaning Jetting	Sewer Category

Street Lawrence Rd	Use of Sewer Sanitary	Upstream MH 504
City Trumbull, CT	Drainage Area	Downstream MH 503
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 299.10 ft	Section Length 300.00 ft

Purpose of Survey Routine Assessment	Joint Length 13.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Disc 20	Lining Method Other

Add. Information :

1:756	Position	Code	Observation	Photo
	504	AMH	Upstream Manhole, Survey Begins / MH 504	
	0.00	MWL	Water Level, 5 % Of Cross Sectional Area	
	0.00			
	16.00	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO	
	76.70	FC	Fracture Circumferential, from 12 to 12 o'clock, within 8 inches of joint: NO	
	76.70	IR	Infiltration Runner, from 12 to 11 o'clock, within 8 inches of joint: NO	241_241_1251_A.jpg
	152.50	RPP	Repair Patch, from 12 to 11 o'clock, within 8 inches of joint: NO / Outside Repair Of CF.	
	166.80	HVV	Hole Void Visible, at 01 o'clock, within 8 inches of joint: NO	241_241_1253_A.jpg
	166.80	IS	Infiltration Stain, from 01 to 06 o'clock, within 8 inches of joint: NO	
	200.50	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO	
	229.40	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO	
299.10	AMH	Downstream Manhole, Survey Ends / MH 503		
503				

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5121	4121	7	6	13	3.5	3	3.25

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Lawrence Rd	Date : 10/18/2012	Pipe Segment Reference :	Section No : 57
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Photo: 241_241_1251_A.jpg, VCR No.: Disc 20
76.7FT, Infiltration Runner, from 12 to 11 o'clock, within 8 inches of joint: NO



Photo: 241_241_1253_A.jpg, VCR No.: Disc 20
166.8FT, Hole Void Visible, at 01 o'clock, within 8 inches of joint: NO



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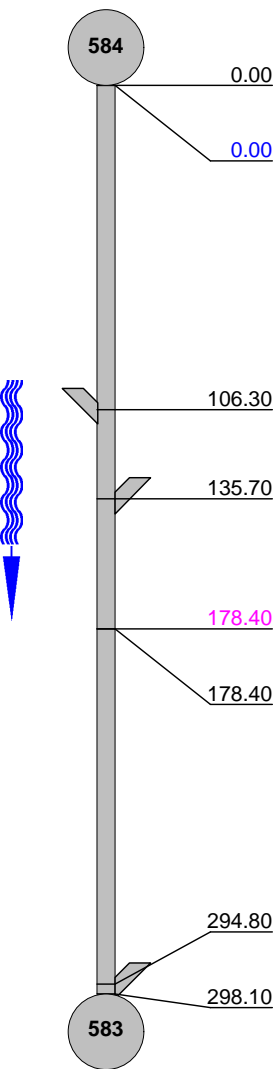
Inspection Report / Inspection: 1

Date 10/3/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 146
Certificate No. 123456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 10/3/2012	Pre-Cleaning Jetting	Sewer Category

Street Linely Rd ESMT	Use of Sewer Sanitary	Upstream MH 584
City Trumbull, CT	Drainage Area	Downstream MH 583
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 298.10 ft	Section Length 298.10 ft

Purpose of Survey Routine Assessment	Joint Length 13.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Disc 15	Lining Method Other

Add. Information :

1:756	Position	Code	Observation	Photo			
	584						
	0.00	AMH	Downstream Manhole, Survey Begins / MH 583				
	0.00	MWL	Water Level, 5 % Of Cross Sectional Area				
	106.30	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO				
	135.70	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO				
	178.40	B	Broken, from 01 to 02 o'clock, within 8 inches of joint: NO	187_187_979_A.jpg			
	178.40	IS	Infiltration Stain, from 01 to 05 o'clock, within 8 inches of joint: NO				
	294.80	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO				
	298.10	AMH	Downstream Manhole, Survey Ends / MH 583				
	583						
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4100	2100	4	2	6	4	2	3

Trumbull, CT CCTV Inspection

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Linely Rd ESMT	Date : 10/3/2012	Pipe Segment Reference :	Section No : 146
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Photo: 187_187_979_A.jpg, VCR No.: Disc 15
178.4FT, Broken, from 01 to 02 o'clock, within 8 inches of joint: NO



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Inspection Report / Inspection: 1

Date 12/10/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 340
Certificate No. 789456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 12/10/2012	Pre-Cleaning Jetting	Sewer Category

Street Manor Dr	Use of Sewer Sanitary	Upstream MH 771
City Trumbull, CT	Drainage Area	Downstream MH 770
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 161.00 ft	Section Length 161.00 ft

Purpose of Survey Routine Assessment	Joint Length 8.00 ft
Year Laid	Dia./Height 24 inch
Year Rehabilitated	Material Reinforced Concrete Pipe
Tape / Media No. 46	Lining Method Other

Add. Information :

1:406	Position	Code	Observation	Photo			
	771						
	0.00	AMH	Upstream Manhole, Survey Begins / MH 771				
	81.20	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO				
	81.20	IW	Infiltration Weeper, from 11 to 06 o'clock, within 8 inches of joint: NO				
	87.80	IW	Infiltration Weeper, from 01 to 06 o'clock, within 8 inches of joint: YES				
	126.20	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO				
	126.20	IW	Infiltration Weeper, at 02 o'clock, within 8 inches of joint: NO				
	137.30	IW	Infiltration Weeper, at 11 o'clock, within 8 inches of joint: NO				
	153.00	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO				
	161.00	AMH	Downstream Manhole, Survey Ends / MH 770				
770							
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	2400	0	8	8	0	2	2



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Inspection Report / Inspection: 1

Date 10/16/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 252
Certificate No. 789456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 10/16/2012	Pre-Cleaning Jetting	Sewer Category

Street Middlebrooks Ave	Use of Sewer Sanitary	Upstream MH 682
City Trumbull, CT	Drainage Area	Downstream MH 681A
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 210.20 ft	Section Length 210.20 ft

Purpose of Survey Routine Assessment	Joint Length 13.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Disc 19	Lining Method Other

Add. Information :

1:532	Position	Code	Observation	Photo			
	0.00	AMH	Upstream Manhole, Survey Begins / MH 682				
	0.00	MWL	Water Level, 50 % Of Cross Sectional Area				
	40.00	MWL	Water Level, 20 % Of Cross Sectional Area				
	79.10	IG	Infiltration Gusher, from 03 to 04 o'clock, within 8 inches of joint: YES	232_232_1195_A.jpg			
	130.30	IW	Infiltration Weeper, from 02 to 05 o'clock, within 8 inches of joint: YES				
	160.50	IS	Infiltration Stain, from 07 to 04 o'clock, within 8 inches of joint: YES				
	210.20	AMH	Downstream Manhole, Survey Ends / MH 681A				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	5123	0	11	11	0	2.75	2.75

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Middlebrooks Ave	Date : 10/16/2012	Pipe Segment Reference :	Section No : 252
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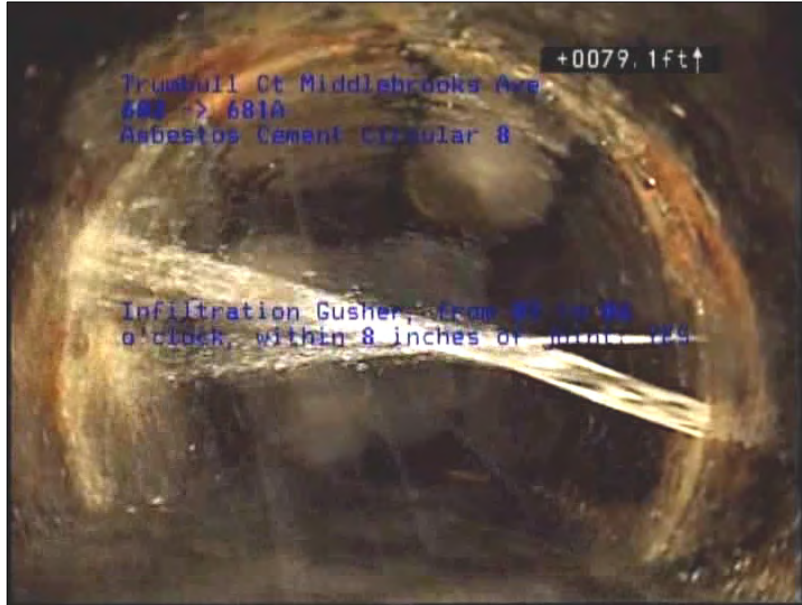


Photo: 232_232_1195_A.jpg, VCR No.: Disc 19
79.1FT, Infiltration Gusher, from 03 to 04 o'clock, within 8 inches of
joint: YES



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Inspection Report / Inspection: 1

Date 10/16/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 269
Certificate No. 789456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 10/16/2012	Pre-Cleaning Jetting	Sewer Category

Street Middlebrooks Ave	Use of Sewer Sanitary	Upstream MH 702
City Trumbull, CT	Drainage Area	Downstream MH 695
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 192.60 ft	Section Length 192.60 ft

Purpose of Survey Routine Assessment	Joint Length 13.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Disc 19	Lining Method Other

Add. Information :

1:490	Position	Code	Observation	Photo			
	0.00	AMH	Upstream Manhole, Survey Begins / MH 702				
	67.90	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO				
	135.90	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO				
	192.60	AMH	Downstream Manhole, Survey Ends / MH 695				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	0000	0	0	0	0	0	0



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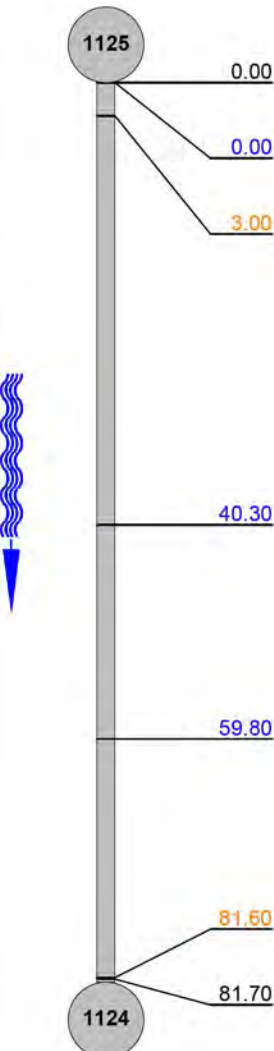
Inspection Report / Inspection: 1

Date 10/24/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 418
Certificate No. 789456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 10/24/2012	Pre-Cleaning Jetting	Sewer Category

Street Norwood Ter	Use of Sewer Sanitary	Upstream MH 1125
City Trumbull, CT	Drainage Area	Downstream MH 1124
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 81.70 ft	Section Length 82.00 ft

Purpose of Survey Routine Assessment	Joint Length 20.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Disc 27	Lining Method Other

Add. Information :

1:210	Position	Code	Observation	Photo			
	0.00	AMH	Upstream Manhole, Survey Begins / MH 1125				
	0.00	MWL	Water Level, 5 % Of Cross Sectional Area				
	3.00	S1 DAE	Deposits Attached Encrustation, 15 % Of Cross Sectional Area, From 12 to 12 o'clock, Within 8 inches of joint: NO, Start				
	40.30	DAE	Deposits Attached Encrustation, 5 % Of Cross Sectional Area, From 12 to 12 o'clock, Within 8 inches of joint: YES				
	59.80	DAE	Deposits Attached Encrustation, 5 % Of Cross Sectional Area, From 12 to 12 o'clock, Within 8 inches of joint: YES				
	81.60	F1 DAE	Deposits Attached Encrustation, 15 % Of Cross Sectional Area, From 12 to 12 o'clock, Within 8 inches of joint: NO, Finish				
	81.70	AMH	Downstream Manhole, Survey Ends / MH 1124				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3B23	0	54	54	0	2.84	2.84



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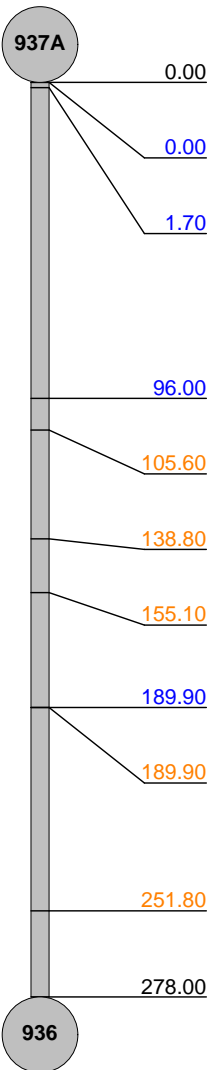
Inspection Report / Inspection: 1

Date 12/4/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 398
Certificate No. 789456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 12/4/2012	Pre-Cleaning Jetting	Sewer Category

Street Old Hollow Rd ESMT	Use of Sewer Sanitary	Upstream MH 937A
City Trumbull, CT	Drainage Area	Downstream MH 936
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 278.00 ft	Section Length 278.00 ft

Purpose of Survey Routine Assessment	Joint Length 8.00 ft
Year Laid	Dia./Height 20 inch
Year Rehabilitated	Material Reinforced Concrete Pipe
Tape / Media No. 42	Lining Method Other

Add. Information :

1:700	Position	Code	Observation	Photo			
	0.00	AMH	Upstream Manhole, Survey Begins / MH 937A				
	0.00	MWL	Water Level, 20 % Of Cross Sectional Area				
	1.70	RFJ	Roots Fine Joint, from 02 to 10 o'clock, within 8 inches of joint: YES				
	96.00	IW	Infiltration Weeper, from 02 to 06 o'clock, within 8 inches of joint: NO				
	105.60	DAE	Deposits Attached Encrustation, 15 % Of Cross Sectional Area, From 12 To 06 o'clock, Within 8 inches of joint: NO				
	138.80	DAE	Deposits Attached Encrustation, 15 % Of Cross Sectional Area, From 01 to 06 o'clock, Within 8 inches of joint: YES				
	155.10	DAE	Deposits Attached Encrustation, 15 % Of Cross Sectional Area, From 12 to 06 o'clock, Within 8 inches of joint: YES				
	189.90	FC	Fracture Circumferential, from 06 to 02 o'clock, within 8 inches of joint: NO				
	189.90	DAE	Deposits Attached Encrustation, 20 % Of Cross Sectional Area, From 06 to 12 o'clock, Within 8 inches of joint: NO				
	251.80	DAE	Deposits Attached Encrustation, 20 % Of Cross Sectional Area, From 12 to 12 o'clock, Within 8 inches of joint: YES				
	278.00	AMH	Downstream Manhole, Survey Ends / MH 936				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2100	3523	2	21	23	2	2.63	2.56



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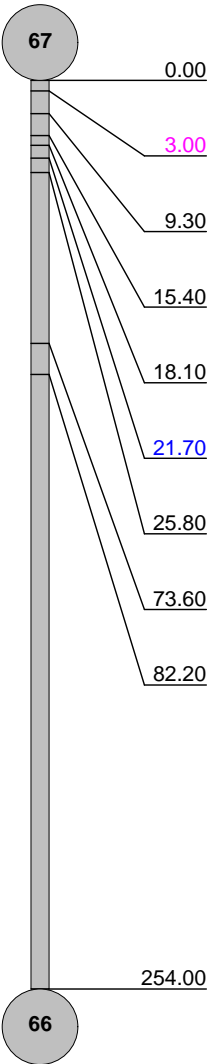
Inspection Report / Inspection: 1

Date 12/17/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 15
Certificate No. 789456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 12/17/2012	Pre-Cleaning Jetting	Sewer Category

Street Old Town Rd ESMT	Use of Sewer Sanitary	Upstream MH 67
City Trumbull, CT	Drainage Area	Downstream MH 66
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 254.00 ft	Section Length 254.00 ft

Purpose of Survey Routine Assessment	Joint Length 3.00 ft
Year Laid	Dia./Height 12 inch
Year Rehabilitated	Material Vitrified Clay Pipe
Tape / Media No. 49	Lining Method Other

Add. Information :

1:644	Position	Code	Observation	Photo			
	0.00	AMH	Upstream Manhole, Survey Begins / MH 67				
	3.00	IR	Infiltration Runner, from 12 to 12 o'clock, within 8 inches of joint: YES	535_535_2700_A.jpg			
	9.30	IS	Infiltration Stain, from 02 to 10 o'clock, within 8 inches of joint: YES				
	15.40	IS	Infiltration Stain, from 10 to 02 o'clock, within 8 inches of joint: YES				
	18.10	IS	Infiltration Stain, from 10 to 02 o'clock, within 8 inches of joint: YES				
	21.70	IW	Infiltration Weeper, from 02 to 05 o'clock, within 8 inches of joint: YES				
	25.80	IS	Infiltration Stain, from 09 to 11 o'clock, within 8 inches of joint: NO				
	73.60	IS	Infiltration Stain, from 02 to 04 o'clock, within 8 inches of joint: YES				
	82.20	IS	Infiltration Stain, from 09 to 03 o'clock, within 8 inches of joint: YES				
	254.00	AMH	Downstream Manhole, Survey Ends / MH 66				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4121	0	6	6	0	3	3

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Old Town Rd ESMT	Date : 12/17/2012	Pipe Segment Reference :	Section No : 15
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Photo: 535_535_2700_A.jpg, VCR No.: 49
3FT, Infiltration Runner, from 12 to 12 o'clock, within 8 inches of joint:
YES



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Inspection Report / Inspection: 1

Date 12/17/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 14
Certificate No. 789456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 12/17/2012	Pre-Cleaning Jetting	Sewer Category

Street Old Town Rd ESMT	Use of Sewer Sanitary	Upstream MH 68
City Trumbull, CT	Drainage Area	Downstream MH 67
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 19.60 ft	Section Length 20.00 ft

Purpose of Survey Routine Assessment	Joint Length 3.00 ft
Year Laid	Dia./Height 12 inch
Year Rehabilitated	Material Vitrified Clay Pipe
Tape / Media No. 49	Lining Method Other

Add. Information :

<



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Inspection Report / Inspection: 1

Date 12/10/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 387
Certificate No. 789456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 12/10/2012	Pre-Cleaning Jetting	Sewer Category

Street City Loc. details Location Code	Park St Trumbull, CT Easement/Right of Way	Use of Sewer Drainage Area Flow Control Length surveyed	Sanitary Not Controlled 307.00 ft	Upstream MH Downstream MH Dir. of Survey Section Length	929 928 Downstream 307.00 ft
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Purpose of Survey Year Laid Year Rehabilitated Tape / Media No.	Routine Assessment 45	Joint Length Dia./Height Material Lining Method	8.00 ft 24 inch Reinforced Concrete Pipe Other
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Add. Information :

1:770	Position	Code	Observation	Photo
	929			
	0.00	AMH	Upstream Manhole, Survey Begins / MH 929	
	87.50	TFA	Tap Factory Made Active, at 12 o'clock, 6", within 8 inches of joint: NO	
	89.50	TFA	Tap Factory Made Active, at 12 o'clock, 6", within 8 inches of joint: NO	
	215.60	TBA	Tap Break-In Active, at 12 o'clock, 6", within 8 inches of joint: NO	
	291.70	TFC	Tap Factory Made Capped, at 12 o'clock, 6", within 8 inches of joint: NO	
	294.60	TFA	Tap Factory Made Active, at 12 o'clock, 6", within 8 inches of joint: NO	
	307.00	AMH	Downstream Manhole, Survey Ends / MH 928	
928				

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	0000	0	0	0	0	0	0



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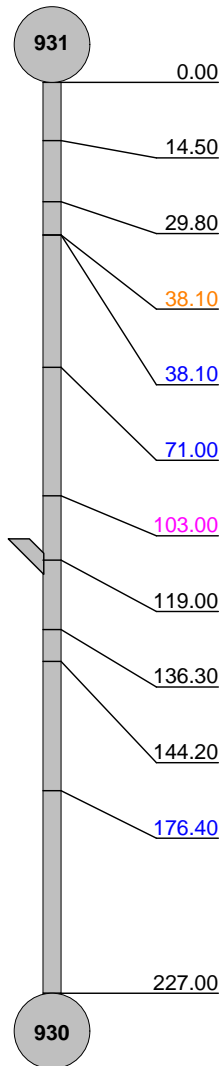
Inspection Report / Inspection: 1

Date 12/10/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 389
Certificate No. 789456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 12/10/2012	Pre-Cleaning Jetting	Sewer Category

Street City Loc. details Location Code	Park St Trumbull, CT Light Highway	Use of Sewer Drainage Area Flow Control Length surveyed	Sanitary Not Controlled 227.00 ft	Upstream MH Downstream MH Dir. of Survey Section Length	931 930 Downstream 227.00 ft
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Purpose of Survey Year Laid Year Rehabilitated Tape / Media No.	Routine Assessment	Joint Length Dia./Height Material Lining Method	8.00 ft 24 inch Reinforced Concrete Pipe Other
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Add. Information :

1:574	Position	Code	Observation	Photo
	931			
	0.00	AMH	Upstream Manhole, Survey Begins / MH 931	
	14.50	IS	Infiltration Stain, from 06 to 12 o'clock, within 8 inches of joint: YES	
	29.80	IS	Infiltration Stain, from 02 to 06 o'clock, within 8 inches of joint: YES	
	38.10	ID	Infiltration Dropper, at 12 o'clock, within 8 inches of joint: YES	
	38.10	DAE	Deposits Attached Encrustation, 5 % Of Cross Sectional Area, At 12 o'clock, Within 8 inches of joint: YES	
	71.00	DAE	Deposits Attached Encrustation, 5 % Of Cross Sectional Area, From 06 To 01 o'clock, Within 8 inches of joint: YES	
	103.00	B	Broken, from 10 to 12 o'clock, within 8 inches of joint: YES	499_499_2517_A.jpg
	119.00	TFA	Tap Factory Made Active, at 01 o'clock, 6", within 8 inches of joint: NO	
	136.30	IS	Infiltration Stain, from 12 to 12 o'clock, within 8 inches of joint: YES	
	144.20	IS	Infiltration Stain, from 06 to 10 o'clock, within 8 inches of joint: YES	
	176.40	IW	Infiltration Weeper, from 06 to 12 o'clock, within 8 inches of joint: YES	
227.00	AMH	Downstream Manhole, Survey Ends / MH 930		
930				

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4100	3123	4	9	13	4	2.25	2.6

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Park St	Date : 12/10/2012	Pipe Segment Reference :	Section No : 389
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Photo: 499_499_2517_A.jpg, VCR No.: 45
103FT, Broken, from 10 to 12 o'clock, within 8 inches of joint: YES



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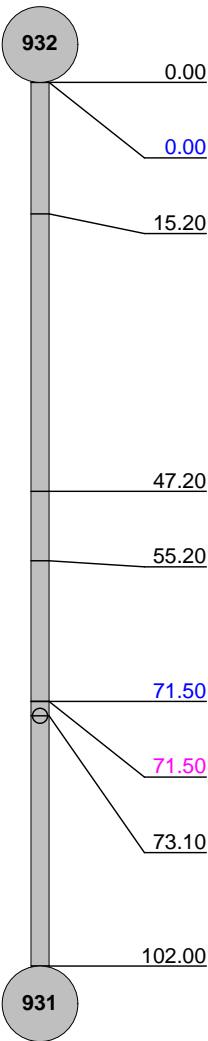
Inspection Report / Inspection: 1

Date 12/10/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 390
Certificate No. 789456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 12/10/2012	Pre-Cleaning Jetting	Sewer Category

Street City Loc. details Location Code	Park St Trumbull, CT Light Highway	Use of Sewer Drainage Area Flow Control Length surveyed	Sanitary Not Controlled 102.00 ft	Upstream MH Downstream MH Dir. of Survey Section Length	932 931 Downstream 102.00 ft
---	---	--	--	--	---

Purpose of Survey Year Laid Year Rehabilitated Tape / Media No.	Routine Assessment 44	Joint Length Dia./Height Material Lining Method	8.00 ft 24 inch Reinforced Concrete Pipe Other
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Add. Information :

1:266	Position	Code	Observation	Photo			
	0.00	AMH	Upstream Manhole, Survey Begins / MH 932				
	0.00	MWL	Water Level, 15 % Of Cross Sectional Area				
	15.20	IS	Infiltration Stain, from 01 to 06 o'clock, within 8 inches of joint: NO				
	47.20	IS	Infiltration Stain, from 12 to 12 o'clock, within 8 inches of joint: YES				
	55.20	IS	Infiltration Stain, from 12 to 12 o'clock, within 8 inches of joint: YES				
	71.50	DAE	Deposits Attached Encrustation, 5 % Of Cross Sectional Area, From 06 to 02 o'clock, Within 8 inches of joint: YES				
	71.50	IR	Infiltration Runner, from 06 to 10 o'clock, within 8 inches of joint: YES	498_498_2509_A.jpg			
	73.10	TFA	Tap Factory Made Active, at 12 o'clock, 6", within 8 inches of joint: NO				
	102.00	AMH	Downstream Manhole, Survey Ends / MH 931				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4122	0	8	8	0	2.67	2.67

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Park St	Date : 12/10/2012	Pipe Segment Reference :	Section No : 390
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Photo: 498_498_2509_A.jpg, VCR No.: 44
71.5FT, Infiltration Runner, from 06 to 10 o'clock, within 8 inches of joint: YES



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Inspection Report / Inspection: 1

Date 12/10/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 391
Certificate No. 789456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 12/10/2012	Pre-Cleaning Jetting	Sewer Category

Street City Loc. details Location Code	Park St Trumbull, CT Light Highway	Use of Sewer Drainage Area Flow Control Length surveyed	Sanitary Not Controlled 106.90 ft	Upstream MH Downstream MH Dir. of Survey Section Length	933 932 Upstream 107.00 ft
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Purpose of Survey Year Laid Year Rehabilitated Tape / Media No.	Routine Assessment 44	Joint Length Dia./Height Material Lining Method	8.00 ft 24 inch Reinforced Concrete Pipe Other
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Add. Information :

1:280	Position	Code	Observation	Photo			
<p>Diagram of a vertical pipe section with manholes 932 at the top and 933 at the bottom. A blue arrow points upwards on the left. Various inspection points are marked along the pipe with lines connecting to the observation column.</p>	932	0.00	AMH	Downstream Manhole, Survey Begins / MH 932			
		0.00	MWL	Water Level, 15 % of cross sectional area			
		77.10	IW	Infiltration Weeper, from 01 to 06 o'clock, within 8 inches of joint: YES			
		102.30	TFD	Tap Factory Made Defective, at 10 o'clock, 6", within 8 inches of joint: NO			
		102.30	ID	Infiltration Dripper, at 10 o'clock, within 8 inches of joint: NO			
		102.30	DAE	Deposits Attached Encrustation, 20 %of cross sectional area, from 06 to 11 o'clock, , within 8 inches of joint: NO			
		106.00	IR	Infiltration Runner, from 03 to 05 o'clock, within 8 inches of joint: NO	497_497_2501_A.jpg		
		106.00	DAE	Deposits Attached Encrustation, 10 %of cross sectional area, from 02 to 06 o'clock, , within 8 inches of joint: NO			
		106.90	AMH	Upstream Manhole, Survey Ends / MH 933			
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4132	0	18	18	0	2.57	2.57

Trumbull, CT CCTV Inspection

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Park St	Date : 12/10/2012	Pipe Segment Reference :	Section No : 391
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Photo: 497_497_2501_A.jpg, VCR No.: 44
106FT, Infiltration Runner, from 03 to 05 o'clock, within 8 inches of
joint:
NO



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Inspection Report / Inspection: 1

Date 12/5/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 392
Certificate No. 789456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 12/5/2012	Pre-Cleaning Jetting	Sewer Category

Street Park St ESMT	Use of Sewer Sanitary	Upstream MH 934
City Trumbull, CT	Drainage Area	Downstream MH 933
Loc. details	Flow Control Not Controlled	Dir. of Survey Upstream
Location Code Light Highway	Length surveyed 57.40 ft	Section Length 57.40 ft

Purpose of Survey Routine Assessment	Joint Length 8.00 ft
Year Laid	Dia./Height 24 inch
Year Rehabilitated	Material Reinforced Concrete Pipe
Tape / Media No. 43	Lining Method Other

Add. Information :

1:154	Position	Code	Observation	Photo			
	933	AMH	Downstream Manhole, Survey Begins / MH 934				
		MWL	Water Level, 5 % Of Cross Sectional Area				
		DAE	Deposits Attached Encrustation, 30 % Of Cross Sectional Area, From 02 to 06 o'clock, Within 8 inches of joint: NO				
		MSA	Survey Abandoned / Ragging From Lateral. Complete's Inspection.	485_485_2456_A.jpg			
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4121	0	6	6	0	3	3

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Park St ESMT	Date : 12/5/2012	Pipe Segment Reference :	Section No : 392
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Photo: 485_485_2456_A.jpg, VCR No.: 43
57.4FT, Survey Abandoned



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Inspection Report / Inspection: 1

Date 12/5/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 393
Certificate No. 789456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 12/5/2012	Pre-Cleaning Jetting	Sewer Category

Street Park St ESMT	Use of Sewer Sanitary	Upstream MH 934
City Trumbull, CT	Drainage Area	Downstream MH 933
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 169.20 ft	Section Length 169.20 ft

Purpose of Survey Routine Assessment	Joint Length 8.00 ft
Year Laid	Dia./Height 24 inch
Year Rehabilitated	Material Reinforced Concrete Pipe
Tape / Media No. 43	Lining Method Other

Add. Information :

1:434	Position	Code	Observation	Photo			
	934						
	0.00	AMH	Upstream Manhole, Survey Begins / MH 934				
	0.00	MWL	Water Level, 5 % Of Cross Sectional Area				
	32.80	IS	Infiltration Stain, from 03 to 10 o'clock, within 8 inches of joint: YES				
	129.00	DAE	Deposits Attached Encrustation, 5 % Of Cross Sectional Area, At 01 o'clock, Within 8 inches of joint: YES				
	144.70	DAE	Deposits Attached Encrustation, 5 % Of Cross Sectional Area, from 12 to 01 o'clock, Within 8 inches of joint: YES				
	144.70	ID	Infiltration Dropper, from 12 to 01 o'clock, within 8 inches of joint: YES				
	165.90	DAR	Deposits Attached Ragging, 15 % Of Cross Sectional Area, From 06 to 11 o'clock, Within 8 inches of joint: NO				
	167.70	TBA	Tap Break-In Active, at 11 o'clock, 6", within 8 inches of joint: NO				
	167.70	DAE	Deposits Attached Encrustation, 30 % Of Cross Sectional Area, From 06 to 11 o'clock, Within 8 inches of joint: NO				
169.20	MSA	Survey Abandoned / Roots With Deposites Attached.	484_484_2454_A.jpg				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	4132	0	16	16	0	2.67	2.67

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Park St ESMT	Date : 12/5/2012	Pipe Segment Reference :	Section No : 393
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Photo: 484_484_2454_A.jpg, VCR No.: 43
169.2FT, Survey Abandoned



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Inspection Report / Inspection: 1

Date 12/5/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 394
Certificate No. 789456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 12/5/2012	Pre-Cleaning Jetting	Sewer Category

Street Park St ESMT	Use of Sewer Sanitary	Upstream MH 935
City Trumbull, CT	Drainage Area	Downstream MH 934
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 561.00 ft	Section Length 561.00 ft

Purpose of Survey Routine Assessment	Joint Length 4.00 ft
Year Laid	Dia./Height 24 inch
Year Rehabilitated	Material Reinforced Concrete Pipe
Tape / Media No. 43	Lining Method Other

Add. Information :

1:1414	Position	Code	Observation	Photo			
	0.00	AMH	Upstream Manhole, Survey Begins / MH 935				
	0.00	MWL	Water Level, 5 % Of Cross Sectional Area				
	1.70	DAE	Deposits Attached Encrustation, 5 % Of Cross Sectional Area, from 06 to 11 o'clock, Within 8 inches of joint: YES				
	10.30	HSV	Hole Soil Visible, at 12 o'clock, within 8 inches of joint: YES / Lift Hole	483_483_2438_A.jpg			
	10.30	IW	Infiltration Weeper, at 12 o'clock, within 8 inches of joint: YES				
	14.70	DAE	Deposits Attached Encrustation, 5 % Of Cross Sectional Area, From 03 to 06 o'clock, Within 8 inches of joint: YES				
	18.60	HSV	Hole Soil Visible, at 12 o'clock, within 8 inches of joint: NO / Lift Hole	483_483_2441_A.jpg			
	18.60	IW	Infiltration Weeper, at 12 o'clock, within 8 inches of joint: NO				
	21.60	RFJ	Roots Fine Joint, from 06 to 12 o'clock, within 8 inches of joint: YES / 5%				
	21.60	DAE	Deposits Attached Encrustation, 5 % Of Cross Sectional Area, From 06 to 06 o'clock, Within 8 inches of joint: YES				
	354.60	IS	Infiltration Stain, from 02 to 06 o'clock, within 8 inches of joint: YES				
	561.00	AMH	Downstream Manhole, Survey Ends / MH 934				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5200	2700	10	14	24	5	2	2.67

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Park St ESMT	Date : 12/5/2012	Pipe Segment Reference :	Section No : 394
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Photo: 483_483_2438_A.jpg, VCR No.: 43
10.3FT, Hole Soil Visible, at 12 o'clock, within 8 inches of joint: YES



Photo: 483_483_2441_A.jpg, VCR No.: 43
18.6FT, Hole Soil Visible, at 12 o'clock, within 8 inches of joint: NO



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Inspection Report / Inspection: 1

Date 10/24/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 120
Certificate No. 789456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 10/24/2012	Pre-Cleaning Jetting	Sewer Category

Street Rexview Dr	Use of Sewer Sanitary	Upstream MH 559
City Trumbull, CT	Drainage Area	Downstream MH 558
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 73.60 ft	Section Length 75.00 ft

Purpose of Survey Routine Assessment	Joint Length 13.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Disc 27	Lining Method Other

Add. Information :

1:196	Position	Code	Observation	Photo			
	0.00	AMH	Upstream Manhole, Survey Begins / MH 559				
		15.00	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO			
	64.80	FC	Fracture Circumferential, from 12 to 12 o'clock, within 8 inches of joint: NO				
	64.80	IW	Infiltration Weeper, from 12 to 12 o'clock, within 8 inches of joint: NO				
	73.60	AMH	Downstream Manhole, Survey Ends / MH 558				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2100	2100	2	2	4	2	2	2



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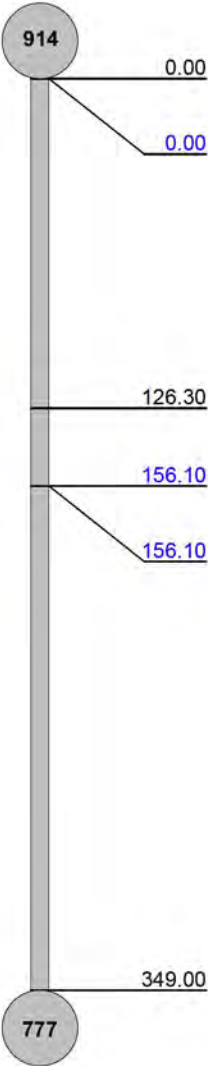
Inspection Report / Inspection: 1

Date 12/10/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 370
Certificate No. 789456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 12/10/2012	Pre-Cleaning Jetting	Sewer Category

Street Riverbend Easement	Use of Sewer Sanitary	Upstream MH 914
City Trumbull, CT	Drainage Area	Downstream MH 777
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Easement/Right of Way	Length surveyed 349.00 ft	Section Length 349.00 ft

Purpose of Survey Routine Assessment	Joint Length 8.00 ft
Year Laid	Dia./Height 24 inch
Year Rehabilitated	Material Reinforced Concrete Pipe
Tape / Media No. 45	Lining Method Other

Add. Information :

1:882	Position	Code	Observation	Photo			
	0.00	AMH	Upstream Manhole, Survey Begins / MH 913				
	0.00	MWL	Water Level, 15 % Of Cross Sectional Area				
	126.30	MGO	General Observation / Calcium Deposit?	502_502_2532_A.jpg			
	156.10	RFJ	Roots Fine Joint, from 06 to 10 o'clock, within 8 inches of joint: YES				
	156.10	IW	Infiltration Weeper, from 06 to 11 o'clock, within 8 inches of joint: YES				
	349.00	AMH	Downstream Manhole, Survey Ends / MH 777				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	2300	0	6	6	0	2	2

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Riverbend Easement	Date : 12/10/2012	Pipe Segment Reference :	Section No : 370
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Photo: 502_502_2532_A.jpg, VCR No.: 45
126.3FT, General Observation



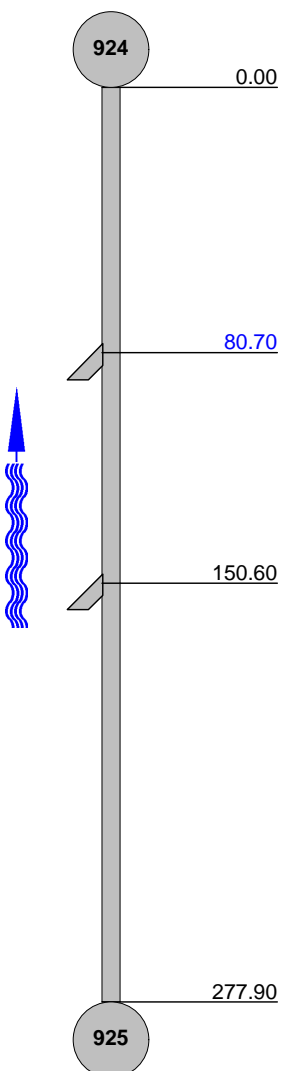
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Inspection Report / Inspection: 1

Date 12/6/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 383
Certificate No. 789456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 12/6/2012	Pre-Cleaning Jetting	Sewer Category

Street Riverbend ESMT	Use of Sewer Sanitary	Upstream MH 925
City Trumbull, CT	Drainage Area	Downstream MH 924
Loc. details	Flow Control Not Controlled	Dir. of Survey Upstream
Location Code Light Highway	Length surveyed 277.90 ft	Section Length 278.00 ft
Purpose of Survey Routine Assessment	Joint Length 8.00 ft	
Year Laid	Dia./Height 24 inch	
Year Rehabilitated	Material Reinforced Concrete Pipe	
Tape / Media No. 43	Lining Method Other	

Add. Information :

1:700	Position	Code	Observation	Photo			
							
	0.00	AMH	Downstream Manhole, Survey Begins / MH 924				
	80.70	TFD	Tap Factory Made Defective, at 02 o'clock, 6", within 8 inches of joint: NO				
	150.60	TFC	Tap Factory Made Capped, at 02 o'clock, 6", within 8 inches of joint: NO				
	277.90	AMH	Upstream Manhole, Survey Ends / MH 925				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	2100	0	2	2	0	2	2



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Inspection Report / Inspection: 1

Date 12/6/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 385
Certificate No. 789456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 12/6/2012	Pre-Cleaning Jetting	Sewer Category

Street Riverbend ESMT	Use of Sewer Sanitary	Upstream MH 927
City Trumbull, CT	Drainage Area	Downstream MH 926
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 259.00 ft	Section Length 259.00 ft

Purpose of Survey Routine Assessment	Joint Length 8.00 ft
Year Laid	Dia./Height 24 inch
Year Rehabilitated	Material Reinforced Concrete Pipe
Tape / Media No. 43	Lining Method Other

Add. Information :

1:658	Position	Code	Observation	Photo			
<p>Diagram of a vertical pipe section with manholes 927 at the top and 926 at the bottom. A blue wavy line on the left indicates water level. Various inspection points are marked along the pipe with elevation labels.</p>	927	AMH	Upstream Manhole, Survey Begins / MH 927				
	0.00	MWL	Water Level, 20 % Of Cross Sectional Area				
	124.30	DAE	Deposits Attached Encrustation, 5 % Of Cross Sectional Area, From 06 to 12 o'clock, Within 8 inches of joint: YES				
	131.40	TFA	Tap Factory Made Active, at 12 o'clock, 6", within 8 inches of joint: NO				
	235.80	TFC	Tap Factory Made Capped, at 11 o'clock, 6", within 8 inches of joint: NO				
	256.60	DAE	Deposits Attached Encrustation, 5 % Of Cross Sectional Area, From 12 to 12 o'clock, Within 8 inches of joint: YES				
	256.60	IW	Infiltration Weeper, from 06 to 11 o'clock, within 8 inches of joint: YES				
	259.00	AMH	Downstream Manhole, Survey Ends / MH 926				
	926						
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	2400	0	8	8	0	2	2

Trumbull, CT CCTV Inspection



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Inspection Report / Inspection: 1

Date 10/23/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 423
Certificate No. 789456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 10/23/2012	Pre-Cleaning Jetting	Sewer Category

Street Rockland Cir	Use of Sewer Sanitary	Upstream MH 1130
City Trumbull, CT	Drainage Area	Downstream MH 1129
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 164.10 ft	Section Length 164.10 ft

Purpose of Survey Routine Assessment	Joint Length 13.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Disc 26	Lining Method Other

Add. Information :

1:420	Position	Code	Observation	Photo			
<p>Diagram of a vertical pipe section with manholes 1130 at the top and 1129 at the bottom. A blue wavy line with an arrow points upwards on the left side of the pipe.</p>	0.00	AMH	Upstream Manhole, Survey Begins / MH 1130				
	0.00	MWL	Water Level, 5 % Of Cross Sectional Area				
	3.70	FC	Fracture Circumferential, from 12 to 12 o'clock, within 8 inches of joint: NO				
	3.70	IG	Infiltration Gusher, from 03 to 08 o'clock, within 8 inches of joint: NO	302_302_1542_A.jpg			
	127.60	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO				
	143.60	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO				
	164.10	AMH	Downstream Manhole, Survey Ends / MH 1129				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
2100	5121	2	7	9	2	3.5	3

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Rockland Cir	Date : 10/23/2012	Pipe Segment Reference :	Section No : 423
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Photo: 302_302_1542_A.jpg, VCR No.: Disc 26
3.7FT, Infiltration Gusher, from 03 to 08 o'clock, within 8 inches of joint: NO
NO



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Inspection Report / Inspection: 1

Date 10/23/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 80
Certificate No. 789456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 10/23/2012	Pre-Cleaning Jetting	Sewer Category

Street Sunset Ave	Use of Sewer Sanitary	Upstream MH 527
City Trumbull, CT	Drainage Area	Downstream MH 526
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 293.00 ft	Section Length 293.00 ft

Purpose of Survey Routine Assessment	Joint Length 13.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Disc 24	Lining Method Other

Add. Information :

1:612	Position	Code	Observation	Photo
	0.00	AMH	Upstream Manhole, Survey Begins / MH 527	
	0.00	MWL	Water Level, 5 % Of Cross Sectional Area	
	7.50	TSA	Tap Saddle Active, at 10 o'clock, 4", within 8 inches of joint: NO	
	10.30	TFD	Tap Factory Made Defective, at 12 o'clock, 6", within 8 inches of joint: NO	
	39.40	TFA	Tap Factory Made Active, at 12 o'clock, 6", within 8 inches of joint: NO	
	95.50	TSA	Tap Saddle Active, at 10 o'clock, 4", within 8 inches of joint: NO	
	98.10	TFC	Tap Factory Made Capped, at 10 o'clock, 6", within 8 inches of joint: NO	
	117.40	TFA	Tap Factory Made Active, at 12 o'clock, 6", within 8 inches of joint: NO	
	118.90	FL	Fracture Longitudinal, at 01 o'clock, within 8 inches of joint: YES	
	118.90	IS	Infiltration Stain, at 01 o'clock, within 8 inches of joint: YES	
	159.80	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO	
	173.40	TSA	Tap Saddle Active, at 11 o'clock, 6", within 8 inches of joint: NO	
	239.00	IG	Infiltration Gusher, at 06 o'clock, within 8 inches of joint: YES	281_281_1459_A.jpg
	241.10	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO	



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Inspection Report / Inspection: 1

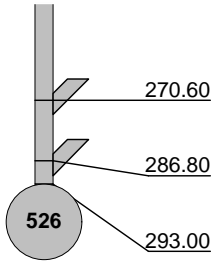
Date : 10/23/2012	Job number :	Weather : Dry	Operator : CK	Counter : 80	Section name :
Present :	Vehicle :	Camera :	Preset :	Cleaned : Jetting	Rate :

1:612 Position

Code

Observation

Photo



TFA Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO

TFA Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO

AMH Downstream Manhole, Survey Ends / MH 526

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3100	5122	3	9	12	3	3	3

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Sunset Ave	Date : 10/23/2012	Pipe Segment Reference :	Section No : 80
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Photo: 281_281_1459_A.jpg, VCR No.: Disc 24
239FT, Infiltration Gusher, at 06 o'clock, within 8 inches of joint: YES



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Inspection Report / Inspection: 1

Date 10/8/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 75
Certificate No. 789456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 10/8/2012	Pre-Cleaning Jetting	Sewer Category

Street Suzanne Cir	Use of Sewer Sanitary	Upstream MH 522
City Trumbull, CT	Drainage Area	Downstream MH 514
Loc. details	Flow Control Not Controlled	Dir. of Survey Upstream
Location Code Light Highway	Length surveyed 284.70 ft	Section Length 284.70 ft

Purpose of Survey Routine Assessment	Joint Length 13.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Disc 16	Lining Method Other

Add. Information :

1:714	Position	Code	Observation	Photo			
	0.00	AMH	Downstream Manhole, Survey Begins / MH 514				
	137.60	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO				
	245.40	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO				
	248.70	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO				
	278.20	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO				
	284.70	AMH	Upstream Manhole, Survey Ends / MH 522				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	0000	0	0	0	0	0	0



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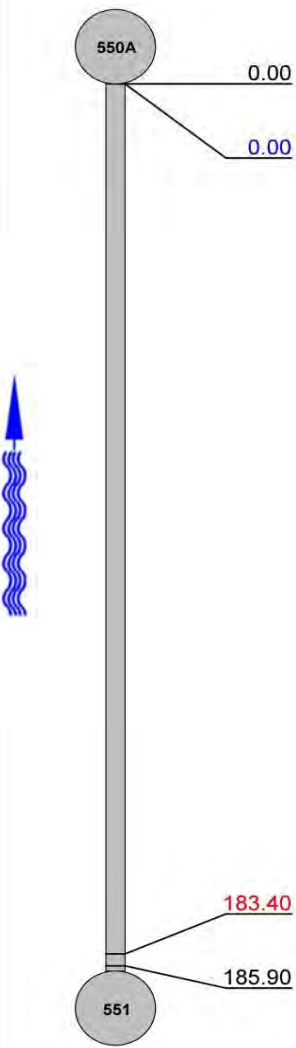
Inspection Report / Inspection: 1

Date 10/25/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 110
Certificate No. 789456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 10/25/2012	Pre-Cleaning Jetting	Sewer Category

Street Taits Mill Rd	Use of Sewer Sanitary	Upstream MH 550A
City Trumbull, CT	Drainage Area	Downstream MH 551
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 185.90 ft	Section Length 187.00 ft

Purpose of Survey Routine Assessment	Joint Length 13.00 ft
Year Laid	Dia./Height 8 inch
Year Rehabilitated	Material Asbestos Cement
Tape / Media No. Disc 28	Lining Method Other

Add. Information :

1:476	Position	Code	Observation	Photo			
	0.00	AMH	Downstream Manhole, Survey Begins / MH 550A				
	0.00	MWL	Water Level, 15 % Of Cross Sectional Area				
	183.40	IG	Infiltration Gusher, at 04 o'clock, within 8 inches of joint: YES	334_334_1689_A.jpg			
	185.90	MGO	Reversal Inspection				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	5121	0	7	7	0	3.5	3.5

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Taits Mill Rd	Date : 10/25/2012	Pipe Segment Reference :	Section No : 110
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Photo: 334_334_1689_A.jpg, VCR No.: Disc 28
183.4FT, Infiltration Gusher, at 04 o'clock, within 8 inches of joint: YES



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Inspection Report / Inspection: 1

Date 10/24/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 115
Certificate No. 789456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 10/24/2012	Pre-Cleaning Jetting	Sewer Category

Street City Loc. details Location Code	Tait Rd Trumbull, CT Light Highway	Use of Sewer Drainage Area Flow Control Length surveyed	Sanitary Not Controlled 230.40 ft	Upstream MH Downstream MH Dir. of Survey Section Length	555 554 Downstream 230.40 ft
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Purpose of Survey Year Laid Year Rehabilitated Tape / Media No.	Routine Assessment Disc 28	Joint Length Dia./Height Material Lining Method	13.00 ft 8 inch Asbestos Cement Other
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Add. Information :

1:588	Position	Code	Observation	Photo			
	0.00	AMH	Upstream Manhole, Survey Begins / MH 555				
	59.50	TFD	Tap Factory Made Defective, at 10 o'clock, 6", within 8 inches of joint: NO				
	91.50	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO				
	230.40	AMH	Downstream Manhole, Survey Ends / MH 554				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	2100	0	2	2	0	2	2



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Inspection Report / Inspection: 1

Date 12/12/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 20
Certificate No. 789456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 12/12/2012	Pre-Cleaning Jetting	Sewer Category

Street White Plains Rd	Use of Sewer Sanitary	Upstream MH 471
City Trumbull, CT	Drainage Area	Downstream MH 470
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 284.30 ft	Section Length 285.00 ft

Purpose of Survey Routine Assessment	Joint Length 8.00 ft
Year Laid	Dia./Height 24 inch
Year Rehabilitated	Material Reinforced Concrete Pipe
Tape / Media No. 47	Lining Method Other

Add. Information :

1:714	Position	Code	Observation	Photo			
	471	AMH	Upstream Manhole, Survey Begins / MH 471				
	0.00						
	176.30	IG	Infiltration Gusher, at 10 o'clock, within 8 inches of joint: YES	524_524_2632_A.jpg			
	284.30	AMH	Downstream Manhole, Survey Ends / MH 470				
	470						
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	5100	0	5	5	0	5	5

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : White Plains Rd	Date : 12/12/2012	Pipe Segment Reference :	Section No : 20
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Photo: 524_524_2632_A.jpg, VCR No.: 47
176.3FT, Infiltration Gusher, at 10 o'clock, within 8 inches of joint: YES



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Inspection Report / Inspection: 1

Date 11/29/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 40
Certificate No. 789456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 11/29/2012	Pre-Cleaning Jetting	Sewer Category

Street White Plains Rd	Use of Sewer Sanitary	Upstream MH 489
City Trumbull, CT	Drainage Area	Downstream MH 488
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 300.00 ft	Section Length 300.00 ft

Purpose of Survey Routine Assessment	Joint Length 10.00 ft
Year Laid	Dia./Height 24 inch
Year Rehabilitated	Material Reinforced Concrete Pipe
Tape / Media No. 39	Lining Method Other

Add. Information :

1:756	Position	Code	Observation	Photo
	489	AMH	Upstream Manhole, Survey Begins / MH 489	
	0.00			
	0.00	MWL	Water Level, 20 % Of Cross Sectional Area	
	66.10	TSA	Tap Saddle Active, at 10 o'clock, 6", within 8 inches of joint: NO	
	160.00	B	Broken, from 12 to 01 o'clock, within 8 inches of joint: NO	452_452_2306_A.jpg
	168.50	TFD	Tap Factory Made Defective, at 10 o'clock, 6", within 8 inches of joint: NO	
	171.30	TBI	Tap Break-In Intruding, at 10 o'clock, 6", 2", within 8 inches of joint: NO	
	187.70	TFC	Tap Factory Made Capped, at 02 o'clock, 6", within 8 inches of joint: NO	
	235.60	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO	
	300.00	AMH	Downstream Manhole, Survey Ends / MH 488	
488				

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4100	2300	4	6	10	4	2	2.5

Trumbull, CT CCTV Inspection

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : White Plains Rd	Date : 11/29/2012	Pipe Segment Reference :	Section No : 40
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Photo: 452_452_2306_A.jpg, VCR No.: 39
160FT, Broken, from 12 to 01 o'clock, within 8 inches of joint: NO



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Inspection Report / Inspection: 1

Date 10/23/2012	P/O. No.	Weather Dry	Surveyor's Name CK	Pipe Segment Reference	Section No. 435
Certificate No. 789456	Survey Customer Town of Trumbull	System Owner Trumbull, CT	Date Cleaned 10/23/2012	Pre-Cleaning Jetting	Sewer Category

Street Woodlawn Dr	Use of Sewer Sanitary	Upstream MH 1139A
City Trumbull, CT	Drainage Area	Downstream MH 1138
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 96.10 ft	Section Length 96.10 ft
Purpose of Survey Routine Assessment	Joint Length 13.00 ft	
Year Laid	Dia./Height 8 inch	
Year Rehabilitated	Material Asbestos Cement	
Tape / Media No. Disc 25	Lining Method Other	
Add. Information : Video Overlay Is Incorrect. Is Actually Manhole 1139A - 1138.		

1:252	Position	Code	Observation	Photo			
	0.00	AMH	Upstream Manhole, Survey Begins / MH 1139A				
	0.00	MWL	Water Level, 5 % Of Cross Sectional Area				
	6.50	TFA	Tap Factory Made Active, at 10 o'clock, 6", within 8 inches of joint: NO				
	9.80	TFA	Tap Factory Made Active, at 02 o'clock, 6", within 8 inches of joint: NO				
	53.30	TSA	Tap Saddle Active, at 10 o'clock, 6", within 8 inches of joint: NO				
	53.30	IG	Infiltration Gusher, from 09 to 01 o'clock, within 8 inches of joint: NO	291_291_1500_A.jpg			
	96.10	AMH	Downstream Manhole, Survey Ends / MH 1138				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	5121	0	7	7	0	3.5	3.5

Inspection photos / Inspection: 1

City : Trumbull, CT	Street : Woodlawn Dr	Date : 10/23/2012	Pipe Segment Reference :	Section No : 435
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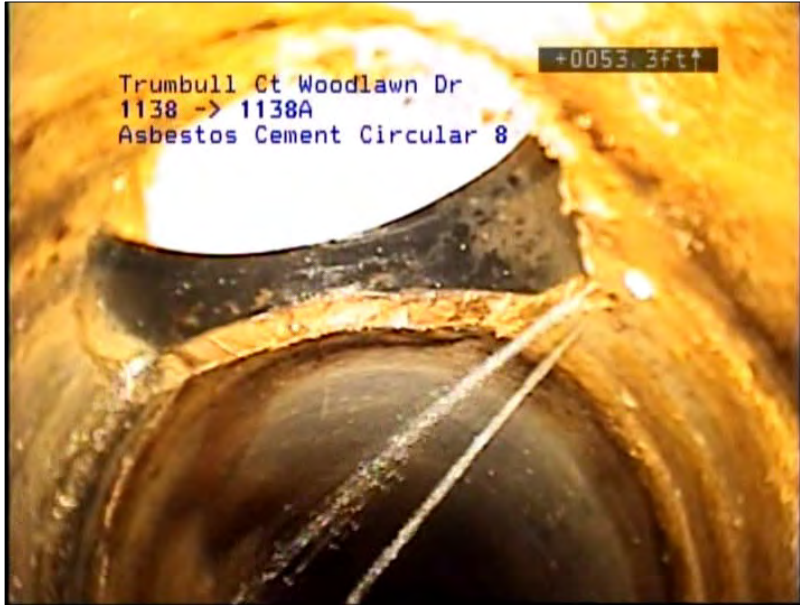


Photo: 291_291_1500_A.jpg, VCR No.: Disc 25
53.3FT, Infiltration Gusher, from 09 to 01 o'clock, within 8 inches of joint: NO