

Sheet 742      **Surveyor's Name** Brian Kauppenin      **Certificate Number** U-218-070300218      **Date** 20250318  
**System Owner**      **Survey Customer**      **Time** 10:23  
**Drainage Area**      **Locality/City Name** Tulsa  
**P.O. No**      **Location (No. & Name)** 9413 E 6th St  
**Further Location Details** NW of address given      **Inspection Level** Level 2  
**Outgoing Rim to Invert** 18.5 ft      **Outgoing Grade to Invert** 17.0 ft      **Rim to Grade** 1.5 ft  
**Use of Sewer** Sanitary      **Year Laid**      **Year Rehabilitated**      **Media Label**  
**Purpose** Sewer System Evaluation Survey      **Sewer Category**  
**Pre-Cleaning** No Pre-Cleaning      **Date Cleaned**      **Weather**  
**Location Code** Woods      **Potential for Runoff**      **Evidence of Surcharge** Yes  
**Access Point Type** Manhole      **Coordinate System**  
**Northing**      **Easting**      **Elevation**      **Accuracy of GPS**  
**Inspection Status** Remote Inspection  
**Additional Information** No chimney, frame and cover have corrosion, cone and wall are square  
**Node Surface Types**

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

**Cover**

**Cover Shape** Circular      **Cover Bearing Surface Diameter Width**  
**Cover Size** 23.3 in      **Cover Bearing Surface Diameter** 23.0 in  
**Cover Size Width**      **# Vent Holes**  
**Cover Material** Cast Iron      **Vent Hole Diameter**  
**Cover Frame Fit** Good  
**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"/> Lamphole    |
| <input type="checkbox"/> Hatch Single     | <input type="checkbox"/> Inner Cover |
| <input type="checkbox"/> Hatch Double     |                                      |

**Cover Condition**  

|  |  |
|--|--|
| <input checked="" type="checkbox"/> Solid    | <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"/> Solid              | <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 742

Survey Date 20250318

P.O. No

Location (No. &amp; Name) 9413 E 6th St

Inspection Level Level 2

Locality/City Name Tulsa

Inspection Status Remote Inspection

**Adj. Ring**

Adjustment Ring Type None

Adjustment Ring Material

Adjustment Ring Height

**Adjustment Ring Condition**

- |                                  |   |
|----------------------------------|---|
| <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 0.0 in

Frame Bearing Surface Width 0.8 in

Frame Depth

Frame Bearing Surface Depth 1.0 in

Frame Seal Inflow None

Frame Clear Opening Diameter 21.8 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 Seal Condition**

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

**Chimney**

Chimney Material 1 Other

Interior Chimney Coating/Liner Cementitious

Chimney Material 2

Exterior Chimney Coating/Liner

Chimney Clear Opening

Chimney I/I

Chimney Depth 0.0 in

**Cone**

Cone Type Conical off centered

Cone Depth 5.4 in

Exterior Cone Coating/Liner None - No Coating

Cone Material Brick

Interior Cone Coating/Liner None - No Coating

**Wall**

Wall Diameter 1 48

Wall Depth 15.5 in

Wall Diameter 2 48

Interior Wall Coating/Liner Cementitious

Wall Material Concrete (non-reinforced)

Exterior Wall Coating/Liner

**Bench**

Bench Present Y

Bench Material Concrete (non-reinforced)

Bench Coating/Liner Bench Liner

**Channel/Step****Channel**

Channel Material Concrete (reinforced)

Channel Type Concrete (reinforced)

Channel Exposure F

Channel Installed Y

**Step**

# Steps 9

Step Material Plastic

Sheet 742

Survey Date 20250318

P.O. No

Location (No. &amp; Name) 9413 E 6th St

Inspection Level Level 2

Locality/City Name Tulsa

Inspection Status Remote Inspection

**Pipe Connections**

| Num | Clk Pos  | Rim to Invert | Direc    | Material | Shape | Diam | Width | Pipe Cond | Seal Cond | Special Condition | PSR            |
|-----|----------|---------------|----------|----------|-------|------|-------|-----------|-----------|-------------------|----------------|
| 1   | 6        | 18.5          | O        | RCP      | C     | 54   |       | D         | S         | GR                | Auto Pipe 942C |
|     | Mainline |               | Comments |          |       |      |       |           |           |                   |                |
| 2   | 12       | 18.4          | I        | RCP      | C     | 54   |       | D         | S         | GR                | Auto Pipe 943C |
|     | Mainline |               | Comments |          |       |      |       |           |           |                   |                |

**Observations**

| Distance | Comp    | Code | CD  | Jnt | Stp | % | In1 | In2 | Fr | To | Video Reference |
|----------|---------|------|---|-----|-----|---|-----|-----|----|----|-----------------|
| 1.8 ft   | COI     | LFZ  |   |     |     |   |     |     | 12 | 12 | 360-0.0         |
|          | Remarks |      | Exposed bricks  |     |     |   |     |     |    |    |                 |
| 1.8 ft   | COI     | MGO  |   |     |     |   |     |     |    |    | 360-0.0         |
|          | Remarks |      | Water mark  |     |     |   |     |     |    |    |                 |
| 1.8 ft   | COI     | MMS  |   |     |     |   |     |     | 12 | 12 | 360-0.0         |
|          | Remarks |      |   |     |     |   |     |     |    |    |                 |
| 1.8 ft   | COI     | RFB  |   |     |     |   |     |     | 12 | 12 | 360-0.0         |
|          | Remarks |      |   |     |     |   |     |     |    |    |                 |
| 5.2 ft   | COI     | CC   |   |     |     |   |     |     | 12 | 12 | 360-0.0         |
|          | Remarks |      |   |     |     |   |     |     |    |    |                 |
| 6.0 ft   | WI      | SRI  | S01   |     |     |   |     |     | 12 | 12 | 360-0.0         |
|          | Remarks |      |   |     |     |   |     |     |    |    |                 |
| 6.2 ft   | WI      | DAR  |   |     |     | 5 |     |     | 9  |    | 360-0.0         |
|          | Remarks |      |   |     |     |   |     |     |    |    |                 |
| 11.1 ft  | WI      | MSC  |   |     |     |   | 48  | 72  |    |    | 360-0.0         |
|          | Remarks |      | Wall diameter is approximate due to size and poor point cloud |     |     |   |     |     |    |    |                 |
| 11.1 ft  | WI      | SAV  |   |     |     |   |     |     | 2  | 8  | 360-0.0         |
|          | Remarks |      | Underside of MSC  |     |     |   |     |     |    |    |                 |
| 12.1 ft  | WI      | IW   |   |     |     |   |     |     | 10 |    | 360-0.0         |
|          | Remarks |      | From cut off metal step, no crack visible                     |     |     |   |     |     |    |    |                 |
| 14.8 ft  | WI      | IW   |   |     |     |   |     |     | 10 |    | 360-0.0         |
|          | Remarks |      | From cut off metal step, no crack visible                     |     |     |   |     |     |    |    |                 |
| 15.4 ft  | WI      | SRI  | F01   |     |     |   |     |     | 12 | 12 | 360-0.0         |
|          | Remarks |      |   |     |     |   |     |     |    |    |                 |
| 15.6 ft  | B       | DSG  |   |     |     | 5 |     |     | 9  | 11 | 360-0.0         |
|          | Remarks |      | V   |     |     |   |     |     |    |    |                 |
| 15.6 ft  | B       | OBZ  |   |     |     | 5 |     |     | 10 | 11 | 360-0.0         |
|          | Remarks |      | Stick leaning on bottom step                                  |     |     |   |     |     |    |    |                 |
| 16.6 ft  | C       | SAP  |   |     |     |   |     |     | 6  | 12 | 360-0.0         |
|          | Remarks |      |   |     |     |   |     |     |    |    |                 |
| 16.6 ft  | C       | SRP  |   |     |     |   |     |     | 6  | 12 | 360-0.0         |
|          | Remarks |      |   |     |     |   |     |     |    |    |                 |

|                                    |                             |  |                   |
|------------------------------------|-----------------------------|--|-------------------|
| <b>MACP Survey Report</b> 086-0065 |                             | <b>Project</b> 30326005_TMUA_ES2025-01 | <b>2025/12/10</b> |
| <b>Sheet</b> 742                   | <b>Survey Date</b> 20250318 |  | <b>P.O. No</b>    |
| <b>Location (No. &amp; Name)</b>   | 9413 E 6th St               | <b>Inspection Level</b> Level 2        |                   |
| <b>Locality/City Name</b>          | Tulsa                       | <b>Inspection Status</b>               | Remote Inspection |