

Sheet 842      **Surveyor's Name** Brian Kauppenin      **Certificate Number** U-218-070300218      **Date** 20250627  
**System Owner**      **Survey Customer**      **Time** 08:15  
**Drainage Area**      **Locality/City Name** Tulsa  
**P.O. No**      **Location (No. & Name)** 3331 S 144th E Ave  
**Further Location Details**      **Inspection Level** Level 2  
**Outgoing Rim to Invert** 6.4 ft      **Outgoing Grade to Invert** 6.5 ft      **Rim to Grade** -0.1 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** Yard      **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** Cover and frame has some corrosion, channel is VCP  
**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  
**Civer Size Width**      **# Vent Holes**  
**Cover Material** Cast Iron      **Vent Hole Diameter**  
**Cover Frame Fit** Good  
**Cover Type**  
☒ **Solid**      ☐ **Bolted**  
☐ **Vented/Slots**      ☐ **Locking**  
☐ **Gasketed**      ☐ **Lamphole**  
☐ **Hatch Single**      ☐ **Inner Cover**  
☐ **Hatch Double**  
**Cover Condition**  
☒ **Solid**      ☐ **Missing**  
☐ **Cracked**      ☐ **Corroded/Pitted**  
☐ **Broken**      ☐ **Bolts Missing**  
☐ **Restraint Missing**  
☐ **Restraint Defective**

**Cover Insert**

**Cover Insert Type** None      **Cover Insert Condition**  
☐ **Solid**      ☐ **Leaking**  
☐ **Poorly Fitting**      ☐ **Corroded**  
☐ **Cracked/Torn/Holes**      ☐ **Insert Fell**

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**Adj. Ring**

Adjustment Ring Type None

Adjustment Ring Material

Adjustment Ring Height

**Adjustment Ring Condition**☐ Sound☐ Cracked☐ Broken☐ Corroded/Pitted/Worn☐ Leaking☐ Poor Installation**Frame**

Frame Material Cast Iron

Frame Bearing Surface Width 0.8 in

Frame Bearing Surface Depth 1.0 in

Frame Clear Opening Diameter 21.8 in

**Frame Condition**☒ Sound☐ Cracked☐ Broken☐ Missing☐ Corroded/Pitted/Worn☐ Coated

Frame Offset Distance 0.0 in

**Frame Depth**

Frame Seal Inflow None

**Frame Seal Condition**☒ Sound☐ Cracked☐ Broken☐ Loose/Not Attached☐ Offset**Chimney**

Chimney Material 1 Brick

Chimney Material 2

Chimney Clear Opening

Chimney Depth 1.4 in

Interior Chimney Coating/Liner Cementitious

Exterior Chimney Coating/Liner Cementitious

Chimney I/I

**Cone**

Cone Type Flattop

Exterior Cone Coating/Liner

Interior Cone Coating/Liner

Cone Depth 2.1 in

Cone Material Concrete (reinforced)

**Wall**

Wall Diameter 1 48

Wall Diameter 2

Wall Material Concrete (reinforced)

Wall Depth 6.0 in

Interior Wall Coating/Liner Cementitious

Exterior Wall Coating/Liner

**Bench**

Bench Present Y

Bench Material Concrete (non-reinforced)

Bench Coating/Liner Bench Liner

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

Channel Material Other

Channel Type Other

Channel Exposure F

Channel Installed Y

**Step**

# Steps 2

Step Material Plastic

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**Pipe Connections**

Num	Clk Rim to		Direc	Material	Shape	Diam	Width	Pipe Cond	Seal Cond	Special	
	Pos	Invert								Condition	PSR
1	6	6.4	O	VCP	C	8		D	S	GR	Auto Pipe 3D
	Mainline		Comments								
2	12	6.3	I	VCP	C	8		D	S	GR	Auto Pipe 4D
	Mainline		Comments								

**Observations**

Distance	Comp	Code	CD	Jnt	Stp	%	In1	In2	Fr	To	Video Reference
1.2 ft	CMI	LFZ							12	12	360-0.0
	Remarks	Exposed brick									
1.2 ft	CMI	MMS							8		360-0.0
	Remarks										
1.2 ft	CMI	RFB							8		360-0.0
	Remarks										
5.5 ft	WI	CL							12		360-0.0
	Remarks										
5.5 ft	WI	IW							12		360-0.0
	Remarks										
6.1 ft	B	DSF				5			1	5	360-0.0
	Remarks										