Manhole Inspection Summary — Manhole # S31II_024MH

Printed On: 12/17/2008

Inspection ☐ Is Incomplete Rating: **4) Poor**

Record Plat: **31II** Node: **024** Status: **Found** Insp Date: **4/6/07 2:34 PM**

Incomplete Comments

Crew: **SP, DP**
Inspector: **Provine, D**
Firm: **PHO**

Location Address: **121 MCMECHEN ST** Cross Street: **MOUNT ROYAL AVE**

Manhole Type: **Inline** Location: **Sidewalk** Ground Conditions: **Dry**

☐ Prev. Rehab Weather: **Dry** Subject To Ponding: **None**

Comments

Cover Shape: **Circular** Diameter: **24** (in.) Length: (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary** Condition: **Sound** Cover Material: **Cast Iron**

Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☐ Water Tight Insert

Frame Offset: **0.5** (in.) Condition: ☐ Sound ☐ Cracked ☑ **Leaks**

Chimney / Frame Adjustment ☑ Exists Material: **Brick** ☐ Parged Height: **6** (in.)

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☑ **Loose Brick** ☑ **Deteriorated**

Infiltration: ☐ None ☑ **Joint** ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Corbel Material: **Brick** ☐ Parged Type: **Concentric/Eccentric**

Condition: ☑ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☑ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Barrel Material: **Brick** ☐ Parged

Shape: **Circular** Diameter: **42** (in.) Length: (in.)

Condition: ☐ Sound ☐ Cracked ☑ **Root Intrusion** ☑ **Loose Brick** ☑ **Deteriorated**

Infiltration: ☐ None ☐ Joint ☐ Cracks ☑ **Mortar** ☑ **Roots** ☐ Wall

Bench ☑ Exists Material: **Brick** ☐ Parged ☑ **Debris** (not Condition related)

Condition: ☑ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Channel Material: **Brick** ☐ Parged ☐ Debris (not Condition related)

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth:

Condition: ☑ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Steps Count: **4** Missing: **0** ☐ Corroded

Surcharge ☐ Evidence Of Surcharge Depth: (ft.) ☐ Active Surcharge Present

Location View

Top View

Evidence of surcharge - Bench debris. Channel debris.

Defect

Frame leaks. Adjustment deterioration, loose brick and infiltration.

Defect

Frame leaks. Adjustment deterioration, loose brick and infiltration - other side.

8 in. Circular Gravity Sewer
Pipe Out @ 12 O'Clock

Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **8.31** (ft.) Flow Characteristics: **Fast**

Deposits: ☑ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **Evidence** Pipe Seal Cond: **Cracked**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

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8 in. Circular Gravity Sewer
Pipe In @ 5 O'Clock

Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: (ft.) Flow Characteristics: **None**

Deposits: ☑ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Stub connection / abandoned**

☐ Possible Illicit Connection

8 in. Circular Gravity Sewer

Pipe In @ 8 O'Clock

Barrel deterioration, loose brick, root intrusion and infiltration.

Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **7.72** (ft.) Flow Characteristics: **Fast**

Deposits: ☑ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Broken**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection