



Manhole Inspection Form

M2-16-25-5-P4-17-6E-5



Manhole Number	M2-16-25-5-P4-17-6E-5	Historic Manhole Number	Shamrock 5
Year Installed	1975	Structure Type	Sanitary Manhole
Street	W Shamrock	Address	50700
Elevation	589.381	Weather	Sunny
Temperature	70°	Ground Condition	Damp
Status	At Surface Grade	Location	Yard Front
Pavment Condition	N/A	Traffic	No Traffic at Location
Inspector 1	Rbc	Inspector 2	AC
Cover Type	EJ 1040APT	Number of Cover Holes	3 - 5
Catch Basin Cover	N/A	Cover Insert	No
Cover Gasket	No	Cover Grade	Cover is Below Grade
Grade Dist	4	Cover Fit	Good Fit
Cover Condition	Good	Frame Condition	Fair
Frame Offset	<null>	Frame Seal Condition	Good
Frame Seal Inflow	None	Frame Riser	No
Frame Riser Height	<null>	Frame Riser Material	<null>
Manhole Diameter	48	Manhole Depth	10.25
Chimney Depth	1.1	Chimney Construction	Precast
Chimney Condition	Fair	Chimney Inflow	None
Cone Shape	<null>	Cone Depth	28
Cone Construction	Precast	Cone Condition	Fair
Cone Inflow	Low	Cone Defect Location	Wall/Cone Joint
Wall Construction	Precast	Wall Condition	Fair
Wall Inflow	Low	Wall Defect Location	Wall Joint
Wall Defect Location 2	<null>	Wall Defect Location 3	<null>
Wall Defect Location 4	<null>	Wall Defect Location 5	<null>
Bench Construction	Poured	Bench Condition	Fair
Bench Inflow	None	Channel Construction	Poured
Channel Condition	Good	Channel Inflow	None
Channel Hydraulics	Poor	Channel Exposure	Fully



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Step Construction	Iron	Step Condition	Poor
Surcharge Evidence	<null>		
Pipe 1 Flow	Inward Flow	Pipe 1 Diameter	12
Pipe 1 Direction	S	Pipe 1 Depth	10.05
Pipe 1 Material	Concrete	Pipe 1 Seal Condition	Poor
Pipe 1 Drop	<null>	Pipe 1 Comments	<null>
Pipe 2 Flow	Outward Flow	Pipe 2 Diameter	12
Pipe 2 Direction	N	Pipe 2 Depth	10.25
Pipe 2 Material	Concrete	Pipe 2 Seal Condition	Poor
Pipe 2 Drop	<null>	Pipe 2 Comments	<null>
Pipe 3 Flow	<null>	Pipe 3 Diameter	<null>
Pipe 3 Direction	<null>	Pipe 3 Depth	<null>
Pipe 3 Material	<null>	Pipe 3 Seal Condition	<null>
Pipe 3 Drop	<null>	Pipe 3 Comments	<null>
Pipe 4 Flow	<null>	Pipe 4 Diameter	<null>
Pipe 4 Direction	<null>	Pipe 4 Depth	<null>
Pipe 4 Material	<null>	Pipe 4 Seal Condition	<null>
Pipe 4 Drop	<null>	Pipe 4 Comments	<null>
Pipe 5 Flow	<null>	Pipe 5 Diameter	<null>
Pipe 5 Direction	<null>	Pipe 5 Depth	<null>
Pipe 5 Material	<null>	Pipe 5 Seal Condition	<null>
Pipe 5 Drop	<null>	Pipe 5 Comments	<null>
Pipe 6 Flow	<null>	Pipe 6 Diameter	<null>
Pipe 6 Direction	<null>	Pipe 6 Depth	<null>
Pipe 6 Material	<null>	Pipe 6 Seal Condition	<null>
Pipe 6 Drop	<null>	Pipe 6 Comments	<null>
Recommendation 1	Vactor Clean	Recommendation 2	Internal Chimney Seal
Recommendation 3	Seal Wall Joints	Recommendation 4	Point Pipes
Recommendation 5	Raise	Recommendation 6	<null>



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Recommendation 7	<null>	Recommendation 8	<null>
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Manhole Rating	3 – Failure likely in 10 to 20 years (Fair)	Comments	
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ANDERSON, ECKSTEIN AND WESTRICK, INC.
51301 Schoenherr Road, Shelby Township, Michigan 48315
Civil Engineers • Surveyors • Architects 586-726-1234

Page: 1

Date: 8/3/17

Address: 50700 W. Shamrock

R.T. = 10.25

D = 48

Map: 47

Manhole Number: M2-16-25-5-P4-17-6E-5

Community: Chesterfield

Inspector Initials: AC / ABC

Diagram 1: Cross-section of a manhole
Labels: 15104APT, 1.1, 28, 48

Diagram 2: Plan view of a manhole
Labels: N, 12" con C, 10.25, P, S, 12" con C, 10.05, P

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