MACP Inspection Report

Equix Integrity



Project: Date/Time: June 28 2024 -

Street and City: Silver St. & Miles - Marion Weather: Unknown Weather

Owner: P.O. #

Customer: Inspection Status: Remote Inspection

Surveyor Name Dan Shrodes Inspection Level: 2

and Certificate: U-716-07004752

Reviewer Name chad pauls MH: MH12

and Certificate: P0036127-022022

Asset Details and Measurements

MH Use:	Combined	Access Type:	AMH
Rim to Invert:	16.5	Pre-Cleaning:	No Pre-Cleaning
Rim to Grade:	0	Purpose:	Maintenance related
Grade to Invert:	16.5	Surface Type:	Asphalt

MH Ratings

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Overall Quick Rating: 312B							
Structural Quick Rating: 2	2B14	O&M Quick Rating:	3121				
	Overall MH Rating Index: 1.6						
Structural MH Rating Index:	1.8	O&M MH Rating Index:	1.3				
	Overall MH Rating: 53.0						
Structural MH Rating:	38.0	O&M MH Rating:	15.0				



Marion — June 28 2024 MH: MH12

Observation Images

Photo	Distance	Description	Time
	0.8	SSC - component:CMI Clock from 12 to 12 Grade = 2	000004
	1	SSC - component:COI Clock from 12 to 12 Grade = 2	000004
	1.1	SSC - component:WI Continuous: S01 Clock from 12 to 12 Grade = 2	000005
	13.1	SSC - component:WI Continuous: F01 Clock from 12 to 12 Grade = 2	000018



Marion — June 28 2024 MH: MH12

Observation Images

Photo	Distance	Description	Time
	13.4	SSC - component:WI Continuous: S02 Clock At 2 Grade = 2	000018
	13.4	OBB - component:WI Continuous: S03 Percent: 5 Clock At 8 Grade = 1	000018
	16	OBB - component:WI Continuous: F03 Percent: 5 Clock At 8 Grade = 1	000018
	16	SSC - component:WI Continuous: F02 Clock At 2 Grade = 2	000022



Observation Images

Photo	Distance	Description	Time
	16.1	DSZ - component:B Percent: 5 Clock At 6 Remark = DEBRIS Grade = 1	000021
	16.1	OBB - component:C Percent: 5 Clock At 8 Grade = 2	000021
	16.3	DSGV - component:C Percent: 10 Clock from 12 to 12 Grade = 1	000021

Equix Integrity



Marion — June 28 2024 MH: MH12

Observations

Component	Dist.	Code	Cont.	Dim. 1	Dim. 2	%	Joint	Clock From	Clock To	Remarks
Chimney Interior	0.8	SSC						12	12	
Cone Interior	1	SSC						12	12	
Wall Interior	1.1	SSC	S01					12	12	
Wall Interior	13.1	SSC	F01					12	12	
Wall Interior	13.4	SSC	S02					2		
Wall Interior	13.4	OBB	S03			5		8		
Wall Interior	16	OBB	F03			5		8		
Wall Interior	16	SSC	F02					2		
Bench	16.1	DSZ				5		6		DEBRIS



Marion — June 28 2024 MH: MH12

Observations

Component	Dist.	Code	Cont.	Dim. 1	Dim. 2	%	Joint	Clock From	Clock To	Remarks
Channel	16.1	OBB				5		8		
Channel	16.3	DSGV				10		12	12	



Pipe Connection Images

Photo	Number	Description	Depth	Clock
	3	Incoming Connection Shape = Circle Height = 12 Pipe Condition = D Pipe Seal Condition = S Pipe type = GR Comments = DSZ	10.5	5
	1	Outgoing Connection Shape = Circle Height = 69 Pipe Condition = S Pipe Seal Condition = S Pipe type = GR	16.5	6
	2	Incoming Connection Shape = Circle Height = 61 Pipe Condition = S Pipe Seal Condition = S Pipe type = GR	16.4	11



Pipe Connections

Pipe No.	Clock	Rim to Invert	Direction	Material	Shape	Height (Dia.)	Condition	Seal Cond.	Pipe ID
3	5	10.5	I	VCP	Circular	12	D	S	
1	6	10.5	0	VCP	Circular	69	S	S	
2	11	16.4	I	BR	Circular	61	S	S	



Additional MACP Header Information

Media Label:		Evidence of Surcharge:	N
Work Order:		Northing:	
Sheet Number:		Easting:	
Date Cleaned:	Unknown	Elevation:	
Consequence of Failure		Coordinate System:	
Drainage Area:		Vertical Datum:	
Location Code:	С	GPS Accuracy:	
Inflow Potential		Additional Info:	
Location Details:		Imperial?:	True
Year Constructed:			
Year Renewed:			



Marion — June 28 2024 MH: MH12

Component: Cover

Cover Type Bolted:	False	Hole Diameter (Vent):	А
Cover Type Gasketed:	False	Hole Number:	1
Cover Type Hatch (Double):	False	Cover Bearing Surface Diameter:	23
Cover Type Hatch (Single):	False	Cover Bearing Surface Width:	
Cover Type Inner Cover:	False	Cover Frame Fit:	G
Cover Type Lamphole:	False	Cover Condition Bolts Missing:	False
Cover Type Locking:	False	Cover Condition Broken:	False
Cover Type Removable Center:	False	Cover Condition Corroded (Pitted):	False
Cover Type Solid:	False	Cover Condition Cracked:	False
Cover Type Vented (Slots):	True	Cover Condition Missing:	False
Cover Shape:	С	Cover Condition Restraint Defective:	False
Cover Size:	24	Cover Condition Restraint Missing:	False
Center Cover Size:		Cover Condition Sound:	True
Cover Size Width		Cover Insert Type:	N
Cover Material	CAS		



Marion - June 28 2024 MH: MH12 Component: Cover Insert Cover Insert Type N **Insert Condition** Insert Condition Leaking Cracked (Torn/Holes) **Insert Condition Insert Condition** Poorly Fitted: Corroded (Pitted/Worn) Insert Condition Insert Condition Insert Sound: Fell Component: Adjustment Ring Adjustment Ring Type: N Ring Condition Cracked Adjustment Ring Material: Ring Condition Leaking: Adjustment Ring Height: Ring Condition Poor Ring Condition Broken: Installation: Ring Condition Corroded: Ring Condition Sound: Component: Frame Frame Material: CAS Frame Condition Broken: False Frame Bearing Surface Width: 0.5 Frame Condition Coated: False Frame Bearing Surface Frame Condition Depth: 0.8 Corroded (Pitted/Worn): True Frame Clear Open Diameter: 23 Frame Condition Cracked: False Frame Clear Open Width: Frame Condition Missing: False Frame Condition Sound: False



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Marion - June 28 2024 MH: MH12 Component: Frame (continued) Seal Condition Cracked: False Frame Offset Distance: 0 Frame Seal Inflow: N Seal Condition Loose: False Frame Depth 0.7 Seal Condition Offset: False Seal Condition Missing: False Seal Condition Sound: True Component: Chimney Chimney Present: Y Chimney Depth: 0.9 Chimney Material 1: CR Chimney Lining Interior: XX Chimney Material 2: Chimney Lining Exterior: Chimney Inflow: **Chimney Condition:** Chimney Clear Opening: Component: Wall Wall Diameter: 79.1 Wall Lining Interior XX Wall Lining Exterior: Wall by Size (Width) Wall Material CR Wall Condition Wall Depth 16



Equix integrity	
Marion — June 28 2024	MH: MH12
Component: Bench	
Bench Present: Y	Bench Lining:
Bench Material: CN	Bench Condition:
Component: Channel	
Channel Installed: N	Channel Exposure:
Channel Material:	Channel Condition:
Channel Type: N	
Component: Steps	
Number of Steps: 10	Step Material: M
Additional Component Information	
Notes:	