Manhole Inspection Report

RedZone
ROBOTICS

Date:	**03/24/2018**	Weather:		Coding:	**RZMACP**	
MH#:	**M-209-016**	Owner:	**NA**	Len. Surveyed:	**4.6**	
P.O.#:		Surveyor:	**John Kuglmaier**	Rim to Invert:	**6.8**	
Customer:		Cert. #:	**U-1215-07002349**	Wall Material:	**Concrete (reinforced)**	

Street:	**62nd Pl. California St. to the Southw**	Project:	**Hobart, IN**	
City:	**Hobart, IN**	GPS Northing:	**0.0**	
Location:		GPS Easting:	**0.0**	
Drain Area:	**Southwest**	GPS Accuracy:	**Nearest Meter**	
Cover Shape:	**Circular**	Evidence of Surcharge:	**Yes**	
Cover Size:	**22.5**	Potential for Runoff:	**None**	
Comments:				

O&M Index:	**2.00**	O&M Quick:	**2100**	O&M Rating:	**2.00**
Structural Index:	**4.50**	Structural Quick:	**5141**	Structural Rating:	**9.00**
Overall Index:	**3.67**	Overall Quick:	**5141**	Overall Rating:	**11.00**

	Position	Code	Observation	Video (sec)	Grade
M-209-016					
	.0	MGP	General Photo	10	NA
	1.1	HSV	Hole Soil Visible	24	S 5
	2.3	MGP	General Photo	41	NA
	3.1	DAZ	Deposits Attached Other	56	M 2
	3.1	FM	Fracture Multiple	68	S 4
	3.8	MGO	General Observation	81	NA

Camera Direction

Code:	**MGP**
Description:	**General Photo**
Distance (ft):	**.0**
Structural Grade:	**0**
O&M Grade:	**0**
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Step:	**NO**
Remarks:	

Code:	**HSV**
Description:	**Hole Soil Visible**
Distance (ft):	**1.1**
Structural Grade:	**5**
O&M Grade:	**0**
Clock Start/From:	**1**
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Step:	**NO**
Remarks:	
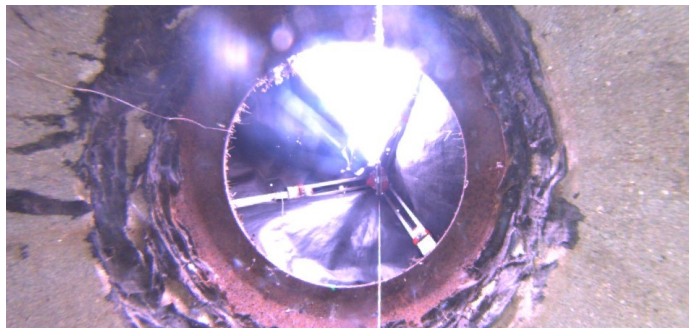
Code:	**MGP**
Description:	**General Photo**
Distance (ft):	**2.3**
Structural Grade:	**0**
O&M Grade:	**0**
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Step:	**NO**
Remarks:	

Code:	**DAZ**
Description:	**Deposits Attached Other**
Distance (ft):	**3.1**
Structural Grade:	**0**
O&M Grade:	**2**
Clock Start/From:	**12**
Clock To:	**12**
1st Value:	
2nd Value:	
Value Percent:	**10.000**
Step:	**NO**
Remarks:	**Mixed materials**

Code:	**FM**
Description:	**Fracture Multiple**
Distance (ft):	**3.1**
Structural Grade:	**4**
O&M Grade:	**0**
Clock Start/From:	**11**
Clock To:	**1**
1st Value:	
2nd Value:	
Value Percent:	
Step:	**NO**
Remarks:	

Code:	**MGO**
Description:	**General Observation**
Distance (ft):	**3.8**
Structural Grade:	**0**
O&M Grade:	**0**
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Step:	**NO**
Remarks:	**Ins. Comp.**