

Profile/Photo Observation Report



Date:	09/15/2022	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	311.0	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-405-043-020
Customer:	City of Hobart	Clean Date:	08/18/2022	Shape:	C

Street:	West 3rd Street	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Easement/Right of Way	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	15"
Use:	Sanitary Sewage Pipe	Material:	RCP
Drain Area:		Lining:	None
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Downstream
US MH:	M-405-043	DS MH:	M-405-020
		Total Length Surveyed (ft):	309.1

O&M Index:	1.95	O&M Quick:	2K13	O&M Rating:	127.00
Structural Index:	2.76	Structural Quick:	5342	Structural Rating:	47.00
Overall Index:	2.12	Overall Quick:	5342	Overall Rating:	174.00

Position	Code	Observation	Video (sec)	Grade
M-405-043				
.0	AMH	Manhole	3	NA
.0	MWL	Miscellaneous Water Level	70	NA
1.1	DAE	Deposits Attached Encrustation	155	M 2
4.7	MWLS(S01)	Miscellaneous Water Level Sag	190	S 2
5.9	H	Hole	230	S 5
5.9	SRP	Surface Damage Reinforcement Projecting	241	S 5
10.8	ISJ	Infiltration Stain Joint	295	M 1
13.7	ISJ	Infiltration Stain Joint	343	M 1
15.5	ISB	Infiltration Stain Barrel	372	M 1
21.7	MWLS(F01)	Miscellaneous Water Level Sag	414	S 2
23.1	DAE(S02)	Deposits Attached Encrustation	456	M 2
28.3	MWLS(S03)	Miscellaneous Water Level Sag	494	S 2
37.0	MWLS(F03)	Miscellaneous Water Level Sag	535	S 2
47.5	SRP	Surface Damage Reinforcement Projecting	599	S 5
68.8	MWLS(S04)	Miscellaneous Water Level Sag	674	S 2
95.8	IWJ	Infiltration Weeper Joint	800	M 2
97.5	MWLS(F04)	Miscellaneous Water Level Sag	905	S 2
107.1	MWLS(S05)	Miscellaneous Water Level Sag	947	S 2
112.3	MWLS(F05)	Miscellaneous Water Level Sag	969	S 2
116.6	MWL	Miscellaneous Water Level	995	NA
127.2	MWL	Miscellaneous Water Level	1037	NA
147.9	LL(S06)	Line Left	1119	M 2
159.2	LL(F06)	Line Left	1166	M 2
159.2	MWL	Miscellaneous Water Level	1174	NA
181.0	SRV	Surface Damage Reinforcement Visible	1259	S 4
199.0	MWL	Miscellaneous Water Level	1324	NA
207.6	MWL	Miscellaneous Water Level	1358	NA
210.1	IWJ	Infiltration Weeper Joint	1387	M 2
216.3	SRV	Surface Damage Reinforcement Visible	1441	S 4
249.1	MWL	Miscellaneous Water Level	1576	NA
306.1	DAE(F02)	Deposits Attached Encrustation	1763	M 2
309.1	AMH	Manhole	1904	NA
M-405-020				



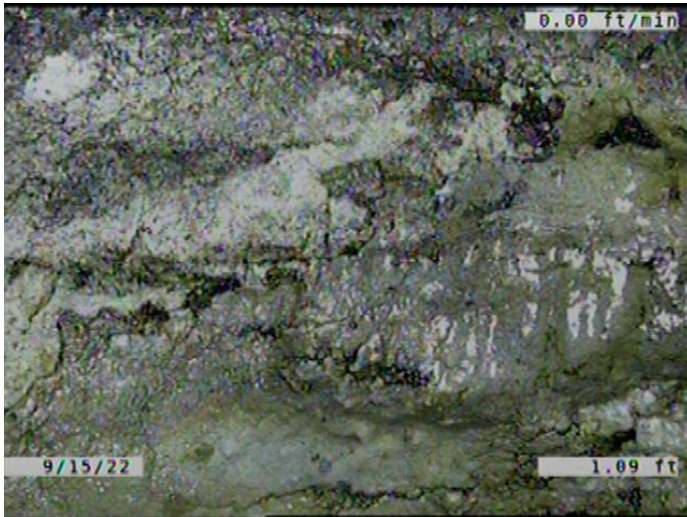
Code: **AMH**
Description: **Manhole**

Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **M-405-043**



Code: **MWL**
Description: **Miscellaneous Water Level**

Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



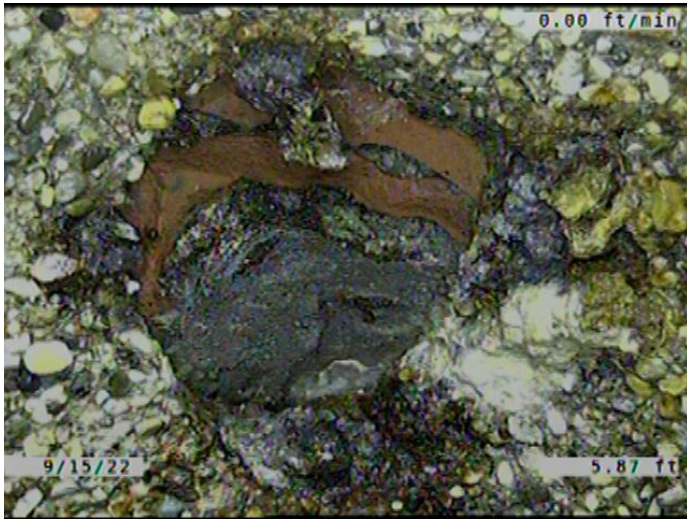
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **1.1**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **7**
 Clock To: **5**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



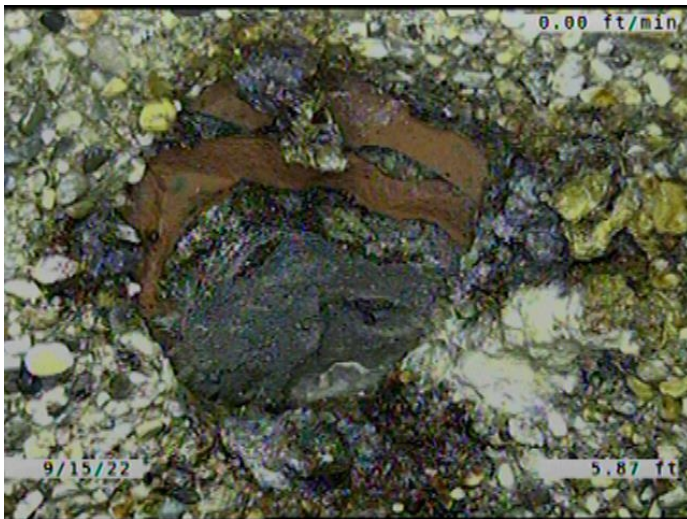
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **4.7**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **10.000**
 Continuous Index: **S01**
 Within 8" of Joint: **NO**
 Remarks:



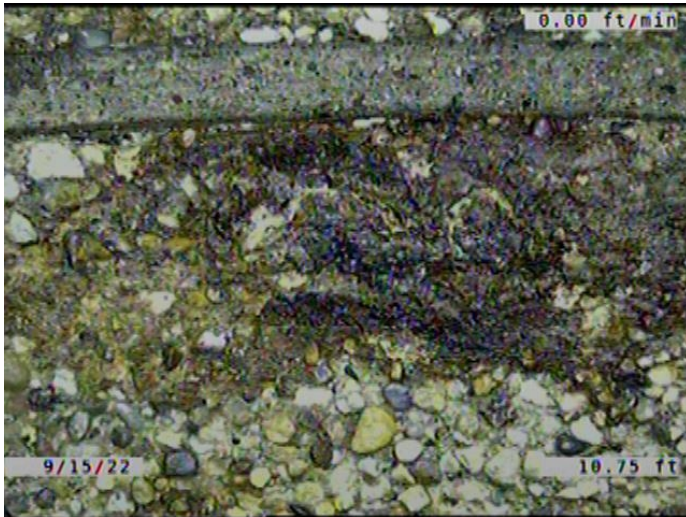
Code: **H**
Description: **Hole**

Distance (ft): **5.9**
Structural Grade: **5**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



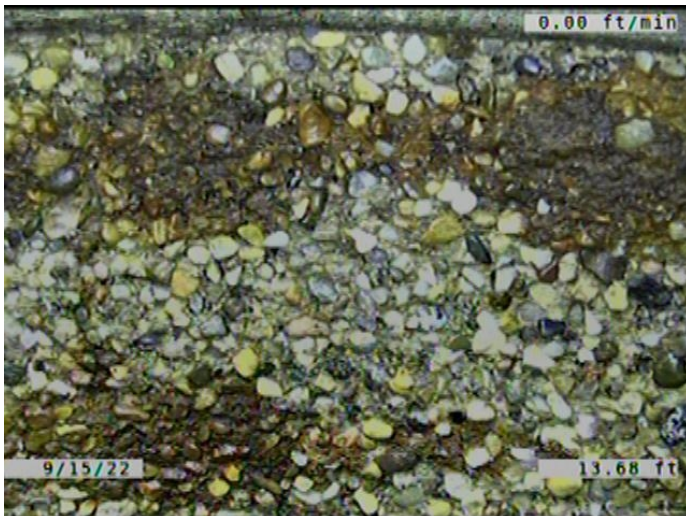
Code: **SRP**
Description: **Surface Damage Reinforcement Projecting**

Distance (ft): **5.9**
Structural Grade: **5**
O&M Grade: **0**
Clock Start/From: **1**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



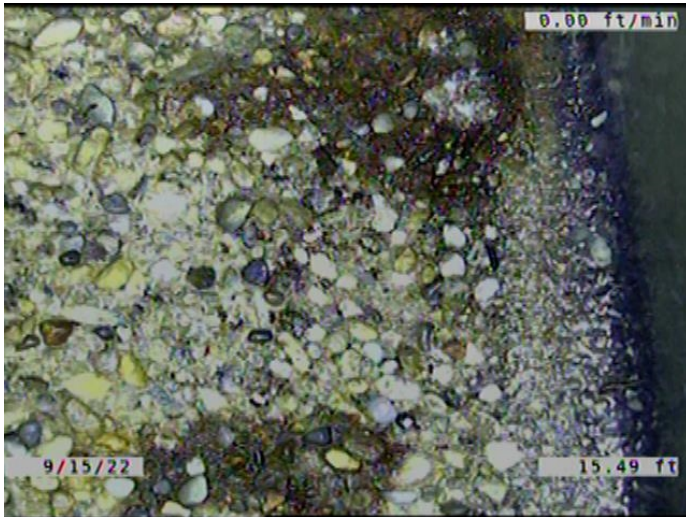
Code: **ISJ**
 Description: **Infiltration Stain Joint**

Distance (ft): **10.8**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **8**
 Clock To: **10**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



Code: **ISJ**
 Description: **Infiltration Stain Joint**

Distance (ft): **13.7**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **12**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



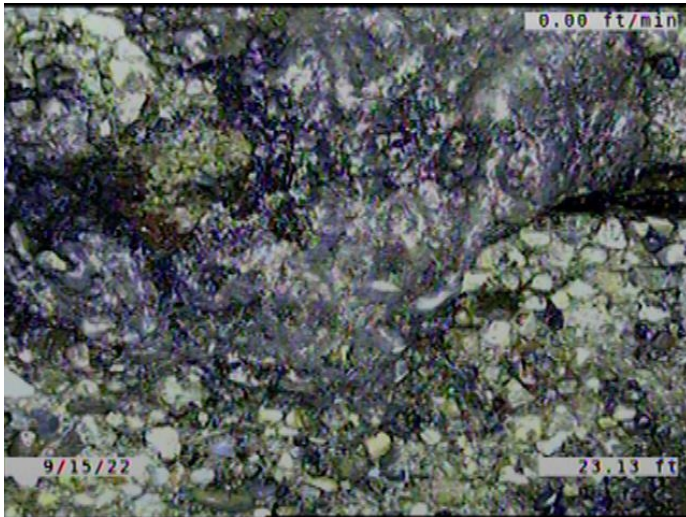
Code: **ISB**
 Description: **Infiltration Stain Barrel**

Distance (ft): **15.5**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **8**
 Clock To: **9**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **21.7**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **10.000**
 Continuous Index: **F01**
 Within 8" of Joint: **NO**
 Remarks:



Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **23.1**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S02**
Within 8" of Joint: **YES**
Remarks:



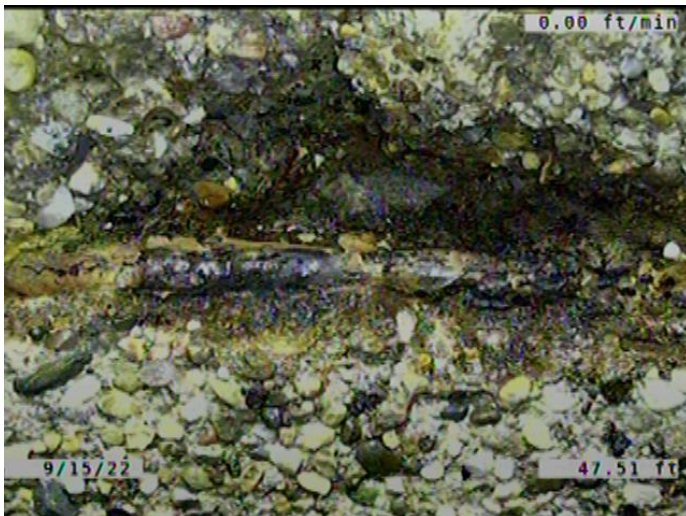
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **28.3**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S03**
Within 8" of Joint: **NO**
Remarks:



Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **37.0**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **10.000**
 Continuous Index: **F03**
 Within 8" of Joint: **NO**
 Remarks:



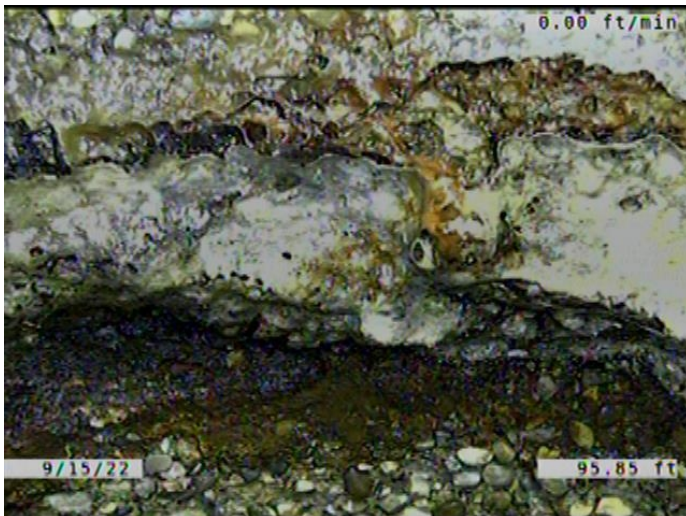
Code: **SRP**
 Description: **Surface Damage Reinforcement Projecting**

Distance (ft): **47.5**
 Structural Grade: **5**
 O&M Grade: **0**
 Clock Start/From: **11**
 Clock To: **1**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **68.8**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **S04**
Within 8" of Joint: **NO**
Remarks:



Code: **IWJ**
Description: **Infiltration Weeper Joint**

Distance (ft): **95.8**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **11**
Clock To: **1**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **97.5**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **F04**
Within 8" of Joint: **NO**
Remarks:

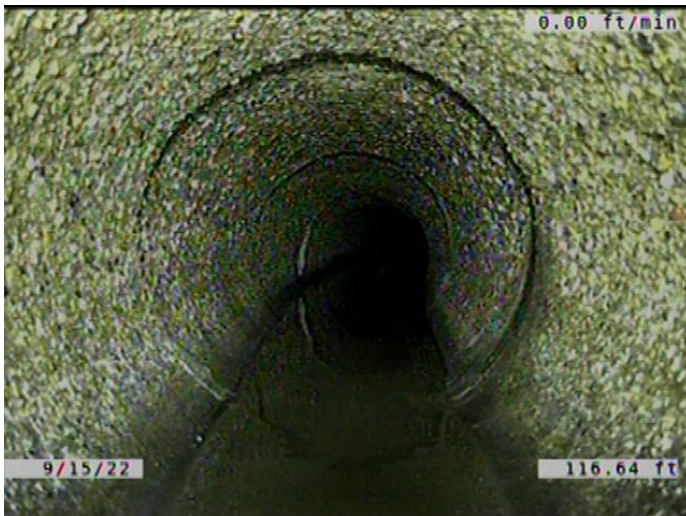


Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **107.1**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S05**
Within 8" of Joint: **NO**
Remarks:



Code:	MWLS
Description:	Miscellaneous Water Level Sag
Distance (ft):	112.3
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	F05
Within 8" of Joint:	NO
Remarks:	

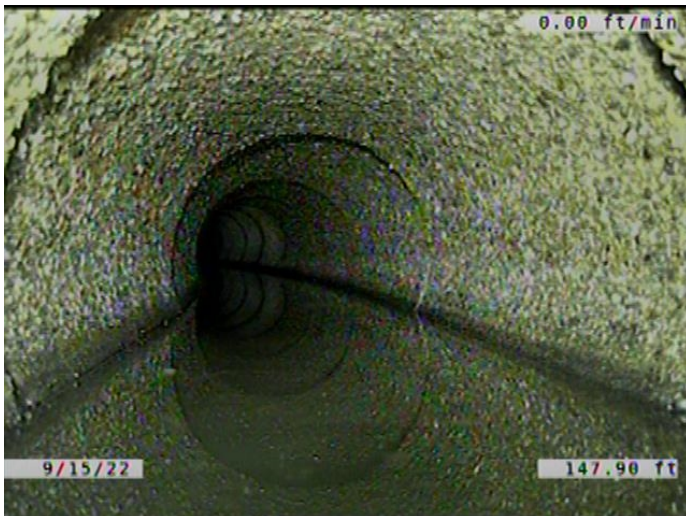


Code:	MWL
Description:	Miscellaneous Water Level
Distance (ft):	116.6
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	15.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



Code: **MWL**
 Description: **Miscellaneous Water Level**

Distance (ft): **127.2**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **25.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



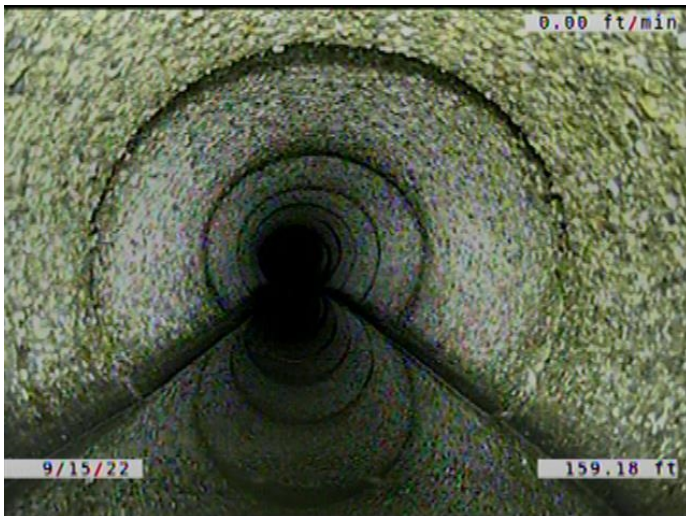
Code: **LL**
 Description: **Line Left**

Distance (ft): **147.9**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **20.000**
 Continuous Index: **S06**
 Within 8" of Joint: **NO**
 Remarks:



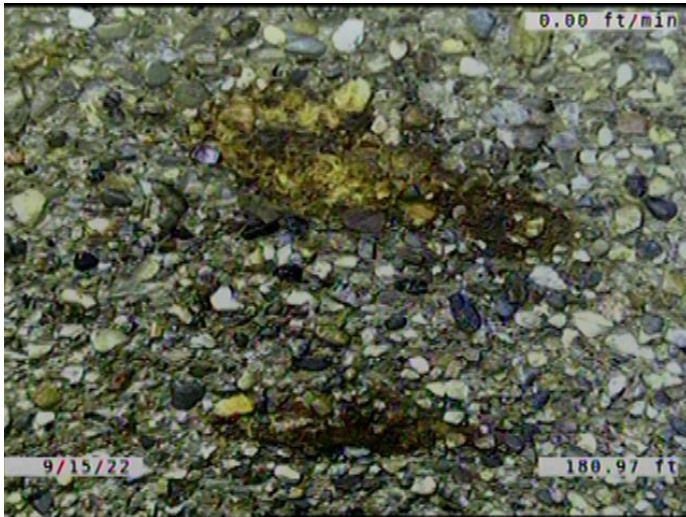
Code: **LL**
Description: **Line Left**

Distance (ft): **159.2**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **20.000**
Continuous Index: **F06**
Within 8" of Joint: **NO**
Remarks:



Code: **MWL**
Description: **Miscellaneous Water Level**

Distance (ft): **159.2**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



Code:	SRV
Description:	Surface Damage Reinforcement Visible
Distance (ft):	181.0
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	2
Clock To:	3
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

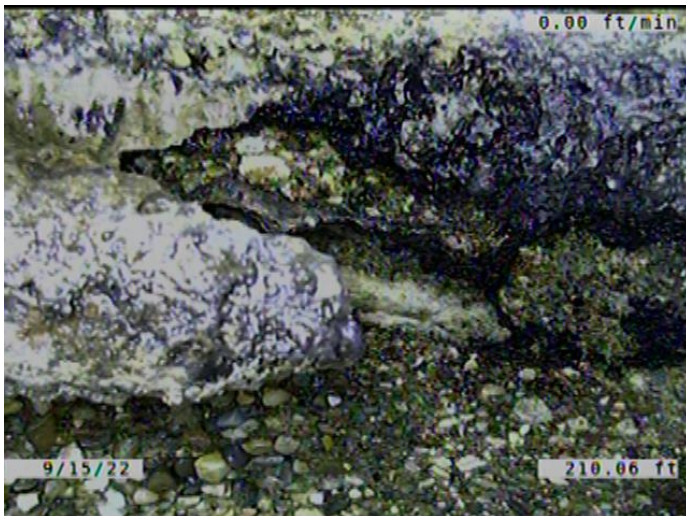


Code:	MWL
Description:	Miscellaneous Water Level
Distance (ft):	199.0
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



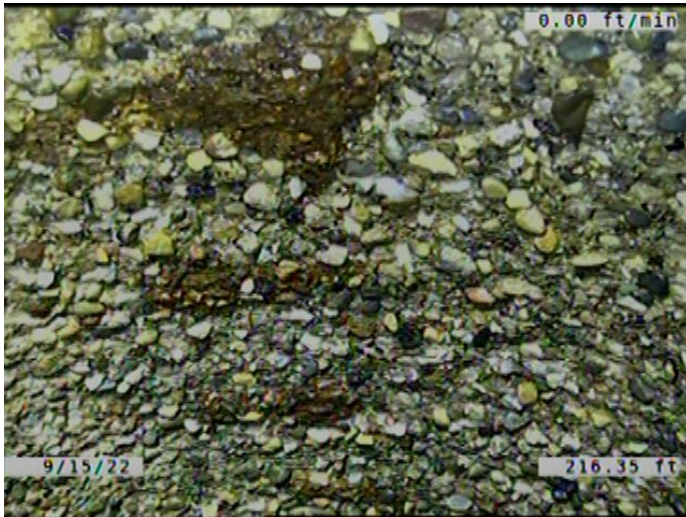
Code: **MWL**
 Description: **Miscellaneous Water Level**

Distance (ft): **207.6**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **15.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



Code: **IWJ**
 Description: **Infiltration Weeper Joint**

Distance (ft): **210.1**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **2**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



Code:	SRV
Description:	Surface Damage Reinforcement Visible
Distance (ft):	216.3
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	1
Clock To:	2
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

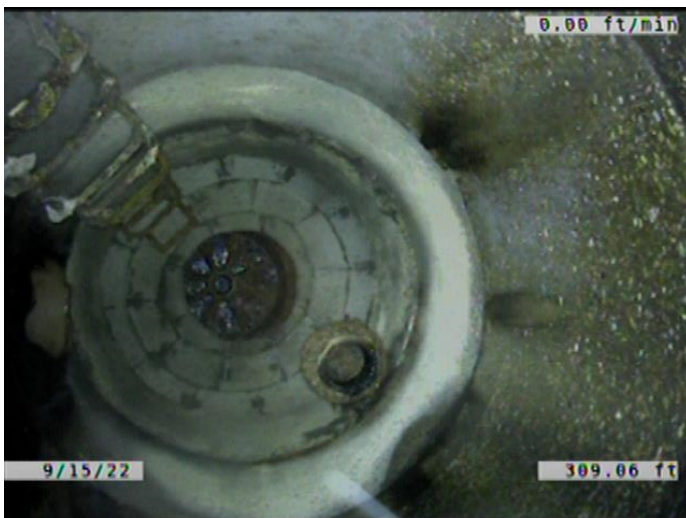


Code:	MWL
Description:	Miscellaneous Water Level
Distance (ft):	249.1
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	25.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **306.1**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **7**
 Clock To: **5**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **F02**
 Within 8" of Joint: **YES**
 Remarks:



Code: **AMH**
 Description: **Manhole**

Distance (ft): **309.1**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks: **M-405-020**