Profile/Photo Observation Report					
Date:	11/08/2021	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	321.9	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	Steven Bucklin	PSR:	P-505-067-070
Customer:	City of Hobart, IN	(Red Clean Date:	11/07/2021	Shape:	C
Street:	South Wilson Stre	et	Flow Control:	Not Controlled	
City:	City of Hobart		Year Renewed:		
Location:	Local rural streets	with light traffic,	, t Tape/Media #:		
Purpose:	Routine Assessme	ent	Dia/Height:	10"	
Use:	Sanitary Sewage I	Pipe	Material:	VCP	
Drain Area:			Lining:	None	
Category:	NA				
Comment:					
Location Details	:		Direction of Surv	ey: Downstream	
US MH:	M-505-070	DS MH:	M-505-067	Total Length Surveyed (ft)	: 321.9
O&M Index:	2.60	O&M Quick:	4A2	B O&M Rating:	78.00
Structural Index:	2.26	Structural Qu	uick: 413		43.00
Overall Index:	2.47	Overall Quick		~ ~	121.00

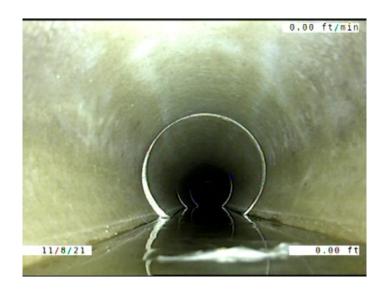
	Position	Code	Observation	Video (sec)	Grade
(505-)	070				
\mathbf{H}	0. 🖉	AMH	Manhole	2	NA
	.0	MWL	Miscellaneous Water Level	77	NA
	30.4	DAE	Deposits Attached Encrustation	323	M 2
	/34.2	DAE	Deposits Attached Encrustation	382	M 2
	//46.1	MWL	Miscellaneous Water Level	468	NA
	// 49.2	SSS	Surface Damage Surface Spalling	504	S 2
	//53.7	CM	Crack Multiple	607	S 3
	///58.1	JAM	Joint Angular Medium	709	S 3
	/// 70.3	ISSRH	Intruding Sealing Material Sealing Ring Hanging	860	M 2
	// 70.3	SSS	Surface Damage Surface Spalling	874	S 2
TT.	//78.4	SSS	Surface Damage Surface Spalling	991	S 2
	82.3	MWL	Miscellaneous Water Level	1071	NA
	//82.3	MCU(S01)	Miscellaneous Camera Underwater	1079	M 4
	/// 98.9	MCU(F01)	Miscellaneous Camera Underwater	1350	M 4
	/ 105.9	SSS	Surface Damage Surface Spalling	1463	S 2
	//107.3	MWL	Miscellaneous Water Level	1511	NA
	/// 109.4	SSS	Surface Damage Surface Spalling	1548	S 2
	/// 112.3	SSS	Surface Damage Surface Spalling	1597	S 2
	///116.7	MWL	Miscellaneous Water Level	1661	NA

Tuesday, April 25, 2023

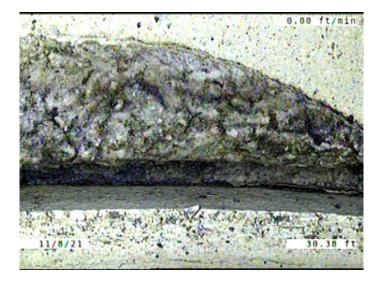
<u> </u>	.7 MCU(S02)	Miscellaneous Camera Underwater	1669	M 4
$\top/$	()			
122	()	Miscellaneous Camera Underwater	1774	M 4
127	()	Miscellaneous Camera Underwater	1862	M 4
127		Surface Damage Surface Spalling	1878	S 2
139	. ,	Miscellaneous Camera Underwater	2068	M 4
141		Miscellaneous Water Level	2113	NA
155	.0 MWL	Miscellaneous Water Level	2245	NA
155	.0 MCU(S04)	Miscellaneous Camera Underwater	2252	M 4
166	.1 MCU(F04)	Miscellaneous Camera Underwater	2425	M 4
169	.5 DAE	Deposits Attached Encrustation	2489	M 2
169	.5 MWL	Miscellaneous Water Level	2504	NA
175	.6 FM	Fracture Multiple	2622	S 4
177	.7 RFJ	Roots Fine Joint	2661	M 1
183	.6 SSS	Surface Damage Surface Spalling	2710	S 2
\185	.5 RFJ	Roots Fine Joint	2766	M 1
192	.3 SSS	Surface Damage Surface Spalling	2841	S 2
193	.4 DAE	Deposits Attached Encrustation	2913	M 2
205	.4 DAE	Deposits Attached Encrustation	3015	M 2
	.2 SSS	Surface Damage Surface Spalling	3077	S 2
213	.4 DAE	Deposits Attached Encrustation	3141	M 2
229	.3 DAE	Deposits Attached Encrustation	3285	M 2
235	.6 SSS	Surface Damage Surface Spalling	3363	S 2
241	.4 MWL	Miscellaneous Water Level	3450	NA
241	.4 MCU(S05)	Miscellaneous Camera Underwater	3462	M 4
241	.4 DAE	Deposits Attached Encrustation	3493	M 2
251	.7 MCU(F05)	Miscellaneous Camera Underwater	3646	M 4
253	.2 CL	Crack Longitudinal	3684	S 2
	.3 CS	Crack Spiral	3760	S 2
257	.2 JAM	Joint Angular Medium	3810	S 3
261	.0 MWL	Miscellaneous Water Level	3865	NA
266	.1 SSS	Surface Damage Surface Spalling	3907	S 2
280	.1 MWL	Miscellaneous Water Level	4003	NA
\ <u>281</u>	.3 DAE(S06)	Deposits Attached Encrustation	4044	M 2
296	.0 SSS	Surface Damage Surface Spalling	4160	S 2
320	.3 DSC	Deposits Settled Hard/Compacted	4347	M 2
/ 320	.3 DAE(F06)	Deposits Attached Encrustation	4358	M 2
321	.9 AMH	Manhole	4463	NA



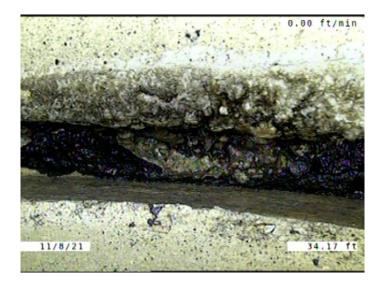
Code:	AMH
Description:	Manhole
Distance (ft):	.0
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	M-505-070



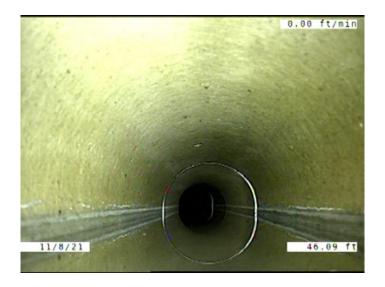
Code: Description:	MWL Miscellaneous Water Level
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent:	.0 0 0 5.000
Continuous Index: Within 8" of Joint: Remarks:	NO



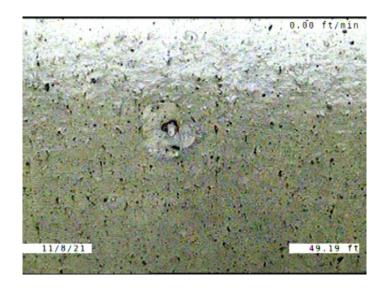
Code: Description:	DAE Deposits Attached Encrustation
Distance (ft):	30.4
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	8
Clock To:	11
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



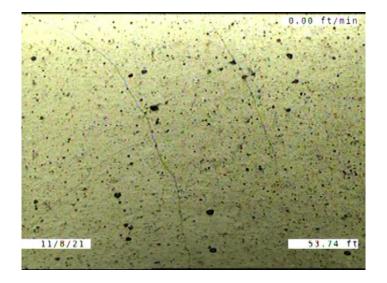
Code: Description:	DAE Deposits Attached Encrustation
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value:	34.2 0 2 12 3
2nd Value: Value Percent: Continuous Index: Within 8" of Joint: Remarks:	5.000 YES



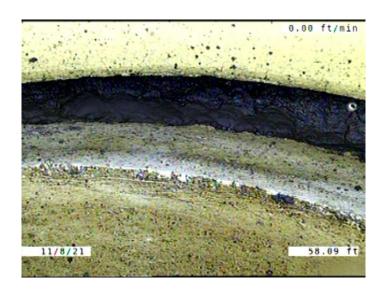
Code:	MWL
Description:	Miscellaneous Water Level
Distance (ft):	46.1
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	20.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



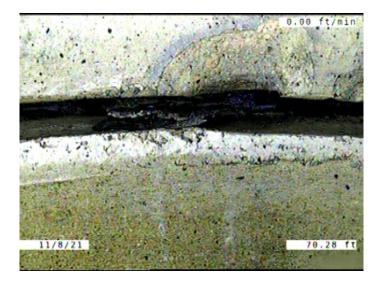
Code: Description:	SSS Surface Damage Surface Spalling
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: Remarks:	49.2 2 0 12 YES



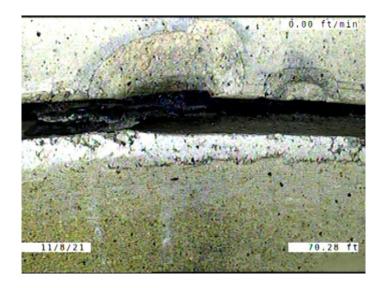
CM Crack Multiple
53.7
3
0
10
12
YES



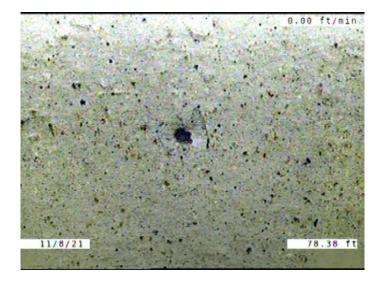
Code: Description:	JAM Joint Angular Medium
Distance (ft):	58.1
Structural Grade:	3
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



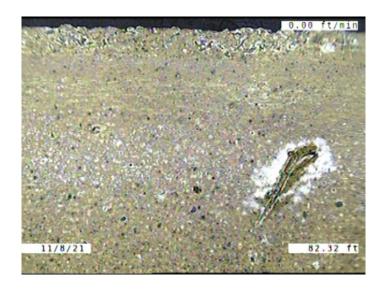
Code: Description:	ISSRH Intruding Sealing Material Sealing Ring Hanging
Distance (ft):	70.3
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	10
Clock To:	11
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



Code: Description:	SSS Surface Damage Surface Spalling
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: Remarks:	70.3 2 0 10 11 YES



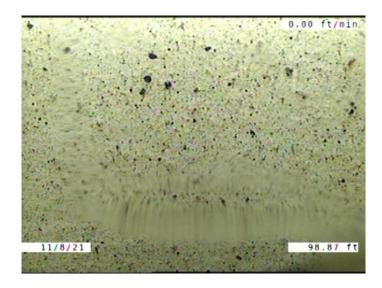
Code: Description:	SSS Surface Damage Surface Spalling
Distance (ft):	78.4
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	11
Clock To:	1
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES



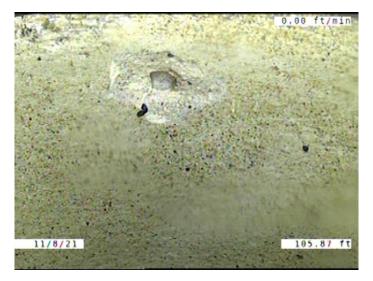
Code: Description:	MWL Miscellaneous Water Level
Distance (ft):	82.3
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	35.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



Code: Description:	MCU Miscellaneous Camera Underwater
Distance (ft):	82.3
Structural Grade:	0
O&M Grade:	4
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	S01
Within 8" of Joint:	NO
Remarks:	



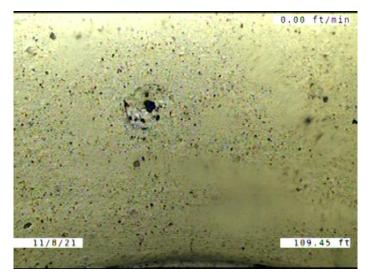
Code: Description:	MCU Miscellaneous Camera Underwater
Distance (ft):	98.9
Structural Grade:	0
O&M Grade:	4
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	F01
Within 8" of Joint:	NO
Remarks:	



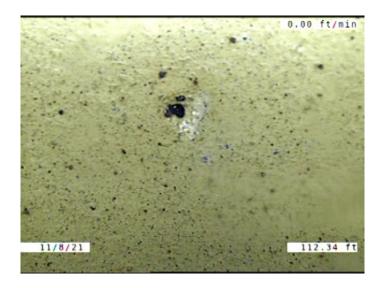
Code: Description:	SSS Surface Damage Surface Spalling
Distance (ft):	105.9
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	1
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES



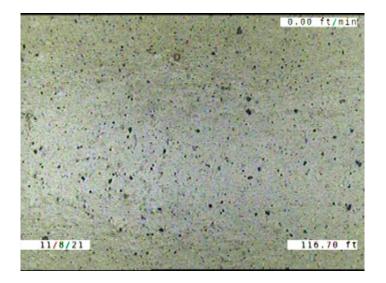
Code: Description:	MWL Miscellaneous Water Level
Distance (ft):	107.3
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	20.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



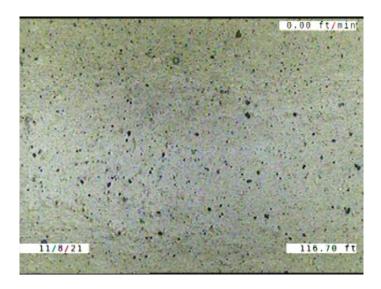
Code: Description:	SSS Surface Damage Surface Spalling
Distance (ft):	109.4
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	11
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



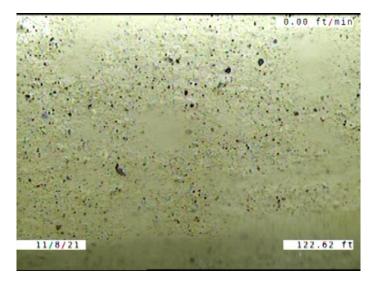
Code: Description:	SSS Surface Damage Surface Spalling
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: Remarks:	112.3 2 0 1



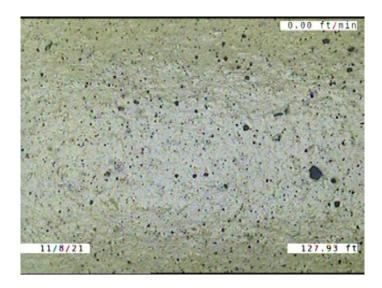
Code: Description:	MWL Miscellaneous Water Level
Distance (ft):	116.7
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	35.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



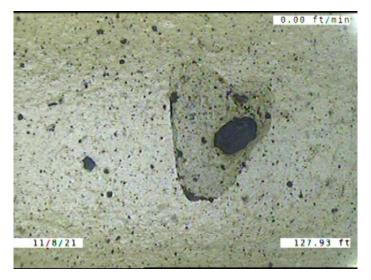
Code: Description:	MCU Miscellaneous Camera Underwater
Distance (ft):	116.7
Structural Grade:	0
O&M Grade:	4
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	S02
Within 8" of Joint:	NO
Remarks:	



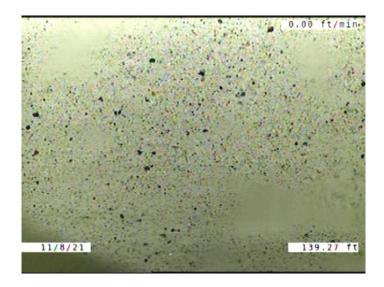
MCU Miscellaneous Camera Underwater
122.6
0
4
F02
NO



Code: Description:	MCU Miscellaneous Camera Underwater
Distance (ft):	127.9
Structural Grade:	0
O&M Grade:	4
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	S03
Within 8" of Joint:	NO
Remarks:	



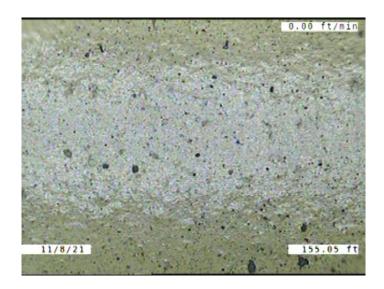
Code: Description:	SSS Surface Damage Surface Spalling
Distance (ft):	127.9
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	12
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



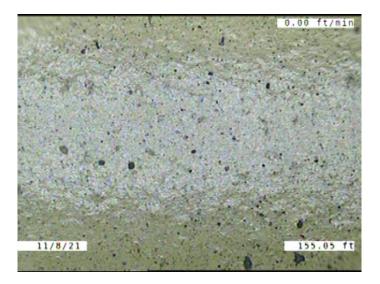
Code: Description:	MCU Miscellaneous Camera Underwater
Distance (ft):	139.3
Structural Grade:	0
O&M Grade:	4
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	F03
Within 8" of Joint:	NO
Remarks:	



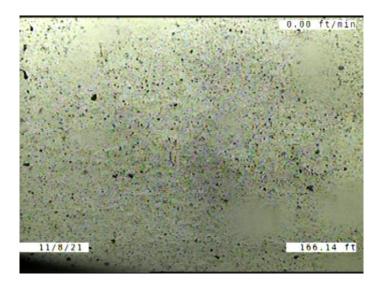
Code: Description:	MWL Miscellaneous Water Level
Distance (ft):	141.3
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	15.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



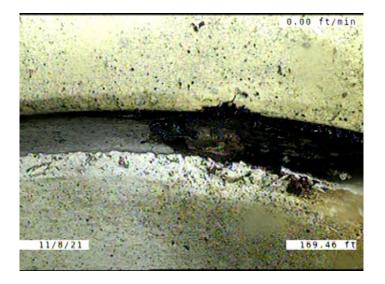
Code: Description:	MWL Miscellaneous Water Level
Distance (ft):	155.0
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	35.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



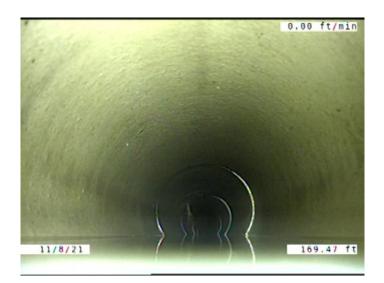
Code: Description:	MCU Miscellaneous Camera Underwater
Distance (ft):	155.0
Structural Grade:	0
O&M Grade:	4
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	S04
Within 8" of Joint:	NO
Remarks:	



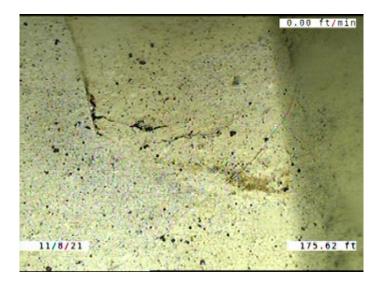
Code: Description:	MCU Miscellaneous Camera Underwater
Distance (ft):	166.1
Structural Grade:	0
O&M Grade:	4
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	F04
Within 8" of Joint:	NO
Remarks:	



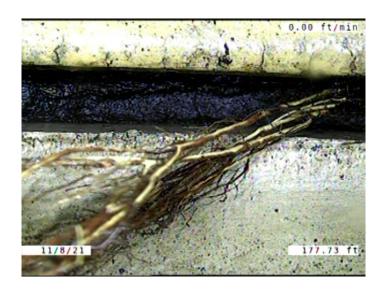
Code: Description:	DAE Deposits Attached Encrustation
Distance (ft):	169.5
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	2
Clock To:	3
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



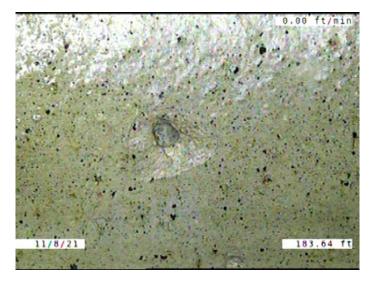
Code: Description:	MWL Miscellaneous Water Level
Distance (ft):	169.5
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	15.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



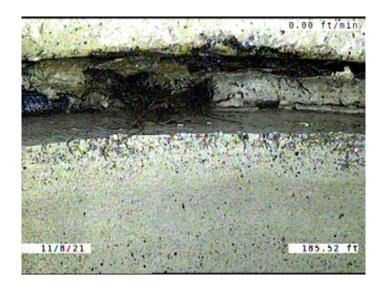
Code: Description:	FM Fracture Multiple
Distance (ft):	175.6
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	7
Clock To:	5
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



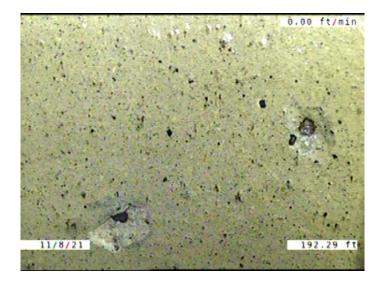
Code: Description:	RFJ Roots Fine Joint
Distance (ft):	177.7
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	10
Clock To:	12
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code: SSS Description: Surface Damage Surface Spalling Distance (ft): 183.6 Structural Grade: 2 O&M Grade: 0 Clock Start/From: 10 Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: NO Remarks:



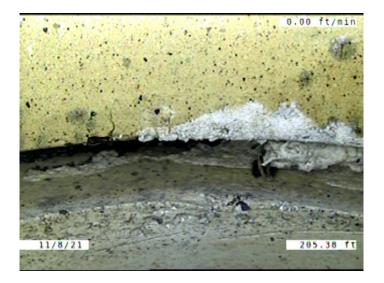
Code: Description:	RFJ Roots Fine Joint
Distance (ft):	185.5
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	9
Clock To:	1
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



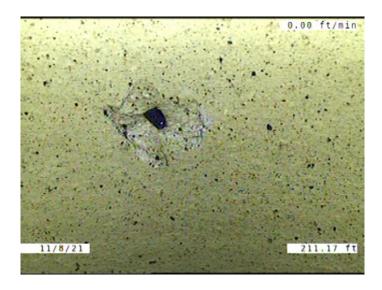
Code: Description:	SSS Surface Damage Surface Spalling
Distance (ft):	192.3
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	3
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO



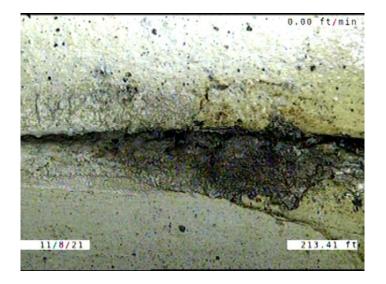
Code: Description:	DAE Deposits Attached Encrustation
Distance (ft):	193.4
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	9
Clock To:	3
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



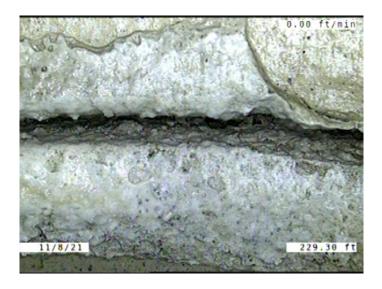
Code: Description:	DAE Deposits Attached Encrustation
Distance (ft):	205.4
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	9
Clock To:	3
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



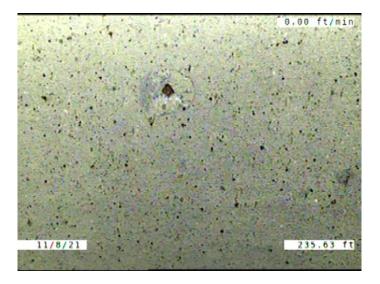
Code: Description:	SSS Surface Damage Surface Spalling
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: Remarks:	211.2 2 0 12 NO



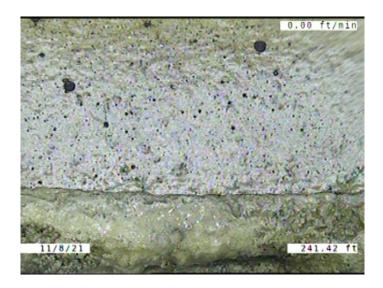
Code: Description:	DAE Deposits Attached Encrustation
Distance (ft):	213.4
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	9
Clock To:	3
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



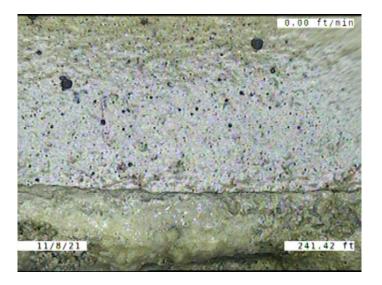
Code: Description:	DAE Deposits Attached Encrustation
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value:	229.3 0 2 9 3
Value Percent: Continuous Index:	5.000
Within 8" of Joint: Remarks:	YES



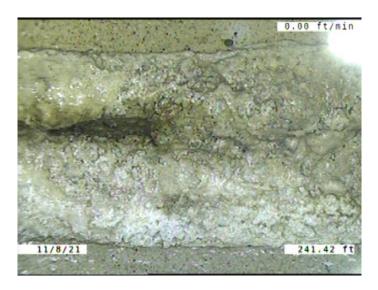
Code: Description:	SSS Surface Damage Surface Spalling
Distance (ft):	235.6
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	11
Clock To:	12
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES



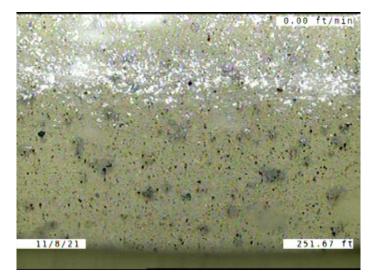
Code: Description:	MWL Miscellaneous Water Level
Distance (ft):	241.4
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	35.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



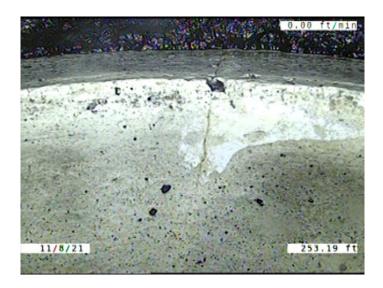
MCU Miscellaneous Camera Underwater
241.4
0
4
S05
NO



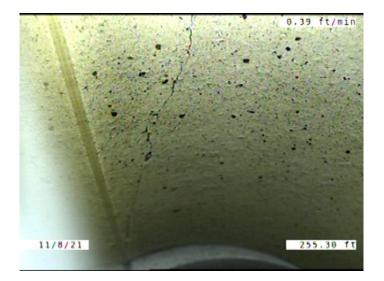
Code: Description:	DAE Deposits Attached Encrustation
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value:	241.4 0 2 10 2
Value Percent: Continuous Index:	5.000
Within 8" of Joint: Remarks:	YES



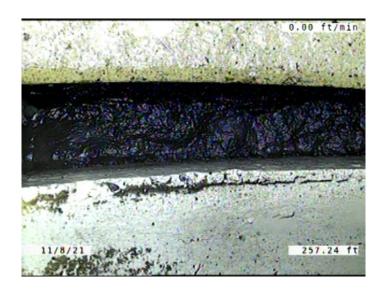
Code: Description:	MCU Miscellaneous Camera Underwater
Distance (ft):	251.7
Structural Grade:	0
O&M Grade:	4
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	F05
Within 8" of Joint:	NO



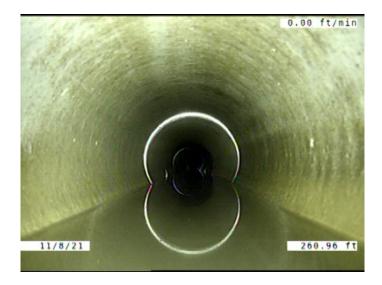
Code: Description:	CL Crack Longitudinal
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value:	253.2 2 0 12
Value Percent: Continuous Index: Within 8" of Joint: Remarks:	YES



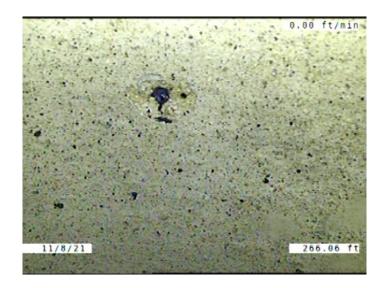
Code:	CS
Description:	Crack Spiral
Distance (ft):	255.2
Distance (ft):	255.3
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	9
Clock To:	11
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code: Description:	JAM Joint Angular Medium
Distance (ft):	257.2
Structural Grade:	3
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



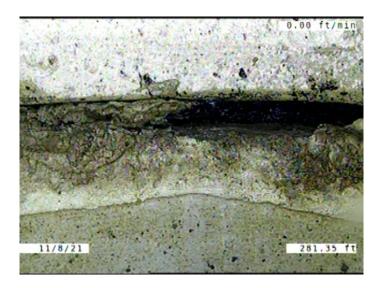
Code: Description:	MWL Miscellaneous Water Level
Distance (ft):	261.0
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	15.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



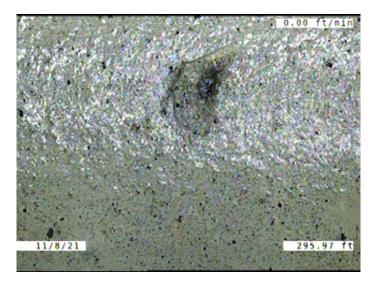
Code: Description:	SSS Surface Damage Surface Spalling
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: Remarks:	266.1 2 0 2



Code: Description:	MWL Miscellaneous Water Level
Distance (ft):	280.1
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: Description	:	DAE Deposits Attached Encrustation
Distance (ft Structural C O&M Grade Clock Start/ Clock To: 1st Value: 2nd Value: Value Perce Continuous Within 8" o Remarks:	Grade: e: /From: ent: Index:	281.3 0 2 8 4 5.000 S06 YES
iteritarita.		



SSS Surface Damage Surface Spalling
296.0
2
0
1
NO

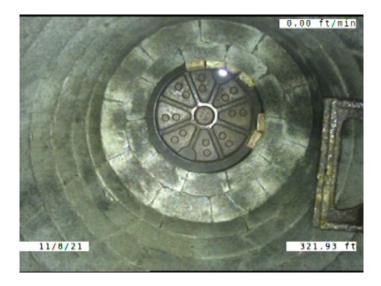


Code: Description:	DSC Deposits Settled Hard/Compacted
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint:	320.3 0 2 5 7 5.000 YES
Remarks:	TES



Code:DAEDescription:Deposits Attached Encrustation

Distance (ft):	320.3
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	F06
Within 8" of Joint:	YES
Remarks:	



Code: Description:	AMH Manhole
Distance (ft):	321.9
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-505-067