

Profile/Photo Observation Report




Date:	04/16/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):	262.5	Owner:	NA	Pre Clean:	No Pre-Cleaning
P.O.#:		Surveyor:	Selasie Honu	PSR:	P-405-022-021
Customer:		Clean Date:	01/01/1900	Shape:	C

Street:	ALLEY BETWEEN DRIFTWOOD DR &	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Yard	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	12"
Use:	Sanitary	Material:	CP
Drain Area:	NA	Lining:	
Category:	NA		
Comment:			

Location Details:		Direction of Survey:	Downstream
US MH:	M-405-022	DS MH:	M-405-021
		Total Length Surveyed (ft):	129.4

O&M Index:	3.26	O&M Quick:	4A3B	O&M Rating:	101.00
Structural Index:	2.54	Structural Quick:	5142	Structural Rating:	66.00
Overall Index:	2.93	Overall Quick:	514A	Overall Rating:	167.00

	Position	Code	Observation	Video (sec)	Grade
M-405-022					
	.0	SAP(S05)	Surface Aggregate Projecting	10	S 3
	.0	AMH	Manhole	22	NA
	.0	MWL	Water Level	33	NA
	6.2	DAE(S06)	Deposits Attached Encrustation	57	M 2
	14.3	MWLS(S01)	Water Level Sag	84	S 2
	20.0	MWLS(F01)	Water Level Sag	107	S 2
	21.6	DAE(F06)	Deposits Attached Encrustation	122	M 2
	21.6	MCU(S07)	Camera Underwater	133	M 4
	22.3	MWLS	Water Level Sag	146	S 2
	25.3	SAP(F05)	Surface Aggregate Projecting	164	S 3
	27.8	MWLS(S02)	Water Level Sag	180	S 2
	58.4	FM	Fracture Multiple	253	S 4
	59.1	FC	Fracture Circumferential	266	S 2
	59.1	IS	Infil Stain	277	NA
	59.3	MWLS(F02)	Water Level Sag	289	S 2
	59.6	FL	Fracture Longitudinal	301	S 3
	60.2	MCU(F07)	Camera Underwater	314	M 4
	66.4	MWLS(S03)	Water Level Sag	338	S 2
	73.3	MWLS(F03)	Water Level Sag	363	S 2
	82.3	B	Broken	393	S 5
	82.5	TBA	Tap Break-in Active	405	NA
	83.5	FM	Fracture Multiple	418	S 4
	85.6	FL	Fracture Longitudinal	434	S 3
	89.4	IS	Infil Stain	453	NA
	89.9	TFA	Tap Factory Active	466	NA
	93.2	DAE	Deposits Attached Encrustation	484	M 2
	95.3	TF	Tap Factory	500	NA
	97.7	MWLS	Water Level Sag	517	S 2
	106.5	MWLS	Water Level Sag	546	S 2
	106.9	MCU(S08)	Camera Underwater	559	M 4
	109.2	MWLS	Water Level Sag	575	S 2
	115.1	MWLS(S04)	Water Level Sag	598	S 2
	129.4	MCU(F08)	Camera Underwater	638	M 4
	129.4	MWLS(F04)	Water Level Sag	649	S 2
	129.4	MSA	Abandoned Survey	661	NA
M-405-021					

Code: **SAP**
Description: **Surface Aggregate Projecting**



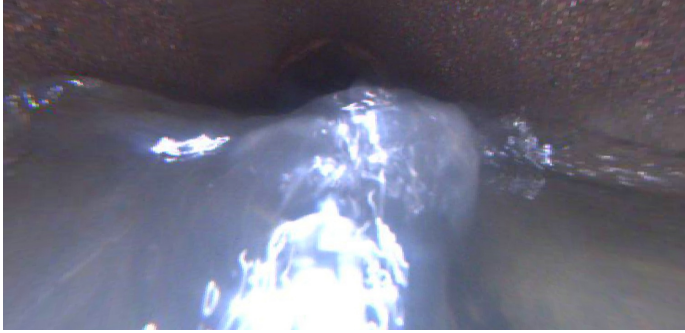
Distance (ft): **.0**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S05**
Within 8" of Joint:
Remarks:

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-405-022**

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



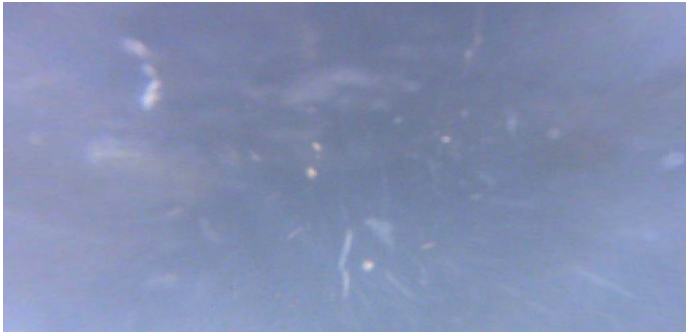
Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



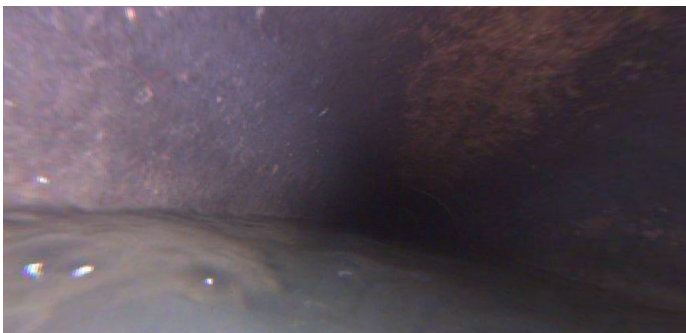
Distance (ft): **6.2**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **12**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S06**
Within 8" of Joint: **YES**
Remarks:

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



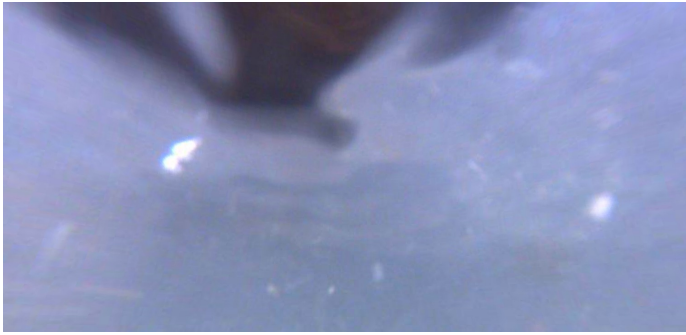
Distance (ft): **14.3**
Structural Grade: **2**
O&M Grade: **3**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S01**
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **20.0**
Structural Grade: **2**
O&M Grade: **3**
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**



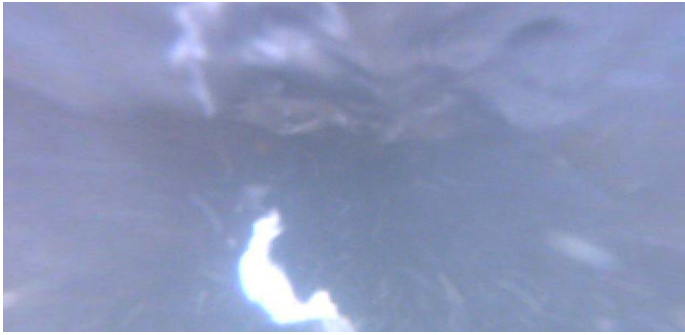
Distance (ft): **21.6**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **12**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F06**
Within 8" of Joint: **YES**
Remarks:

Code: **MCU**
Description: **Camera Underwater**



Distance (ft): **21.6**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S07**
Within 8" of Joint: **NO**
Remarks:

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



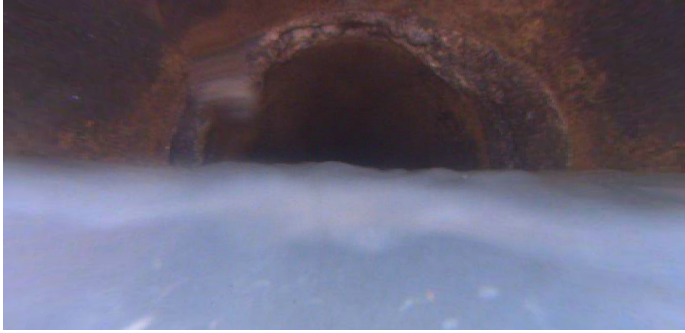
Distance (ft): **22.3**
Structural Grade: **2**
O&M Grade: **3**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

Code: **SAP**
Description: **Surface Aggregate Projecting**



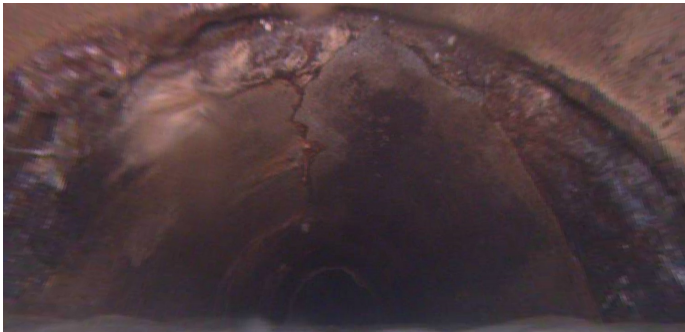
Distance (ft): **25.3**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F05**
Within 8" of Joint:
Remarks:

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



Distance (ft): **27.8**
Structural Grade: **2**
O&M Grade: **3**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S02**
Within 8" of Joint: **NO**
Remarks:

Code: **FM**
Description: **Fracture Multiple**



Distance (ft): **58.4**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **7**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **FC**
Description: **Fracture Circumferential**



Distance (ft): **59.1**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **9**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: **IS**
Description: **Infil Stain**



Distance (ft): **59.1**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **9**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



Distance (ft): **59.3**
Structural Grade: **2**
O&M Grade: **3**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F02**
Within 8" of Joint: **NO**
Remarks:

Code: **FL**
Description: **Fracture Longitudinal**



Distance (ft): **59.6**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: **MCU**
Description: **Camera Underwater**



Distance (ft): **60.2**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F07**
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **66.4**
Structural Grade: **2**
O&M Grade: **3**
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: **Water Level Sag**



Distance (ft): **73.3**
Structural Grade: **2**
O&M Grade: **3**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F03**
Within 8" of Joint: **NO**
Remarks:

Code: **B**
Description: **Broken**



Distance (ft): **82.3**
Structural Grade: **5**
O&M Grade: **0**
Clock Start/From: **9**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **TBA**
Description: **Tap Break-in Active**



Distance (ft): **82.5**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: **FM**
Description: **Fracture Multiple**



Distance (ft): **83.5**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **10**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **FL**
Description: **Fracture Longitudinal**



Distance (ft): **85.6**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **IS**
Description: **Infil Stain**



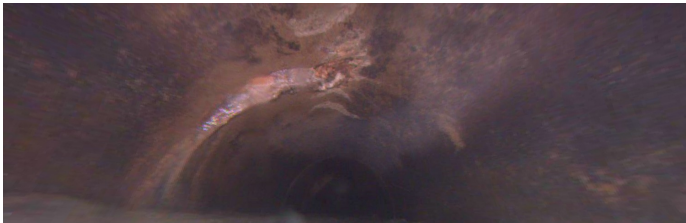
Distance (ft): **89.4**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **7**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **TFA**
Description: **Tap Factory Active**



Distance (ft): **89.9**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **1**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



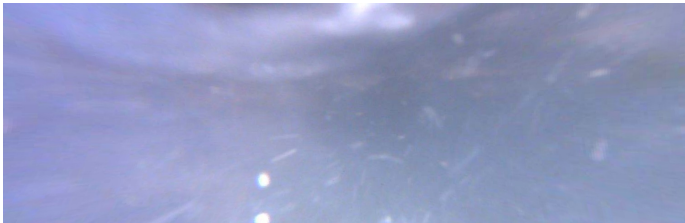
Distance (ft): **93.2**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **9**
Clock To: **12**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

Code: **TF**
Description: **Tap Factory**



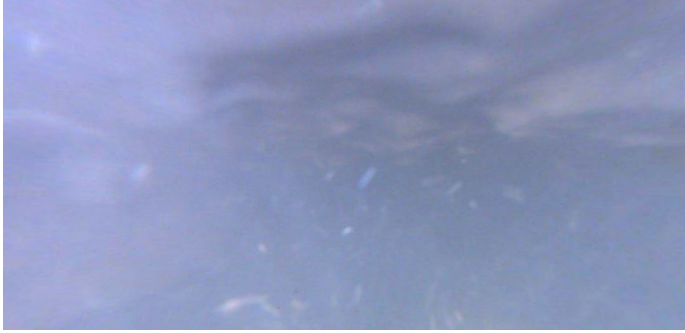
Distance (ft): **95.3**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **11**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



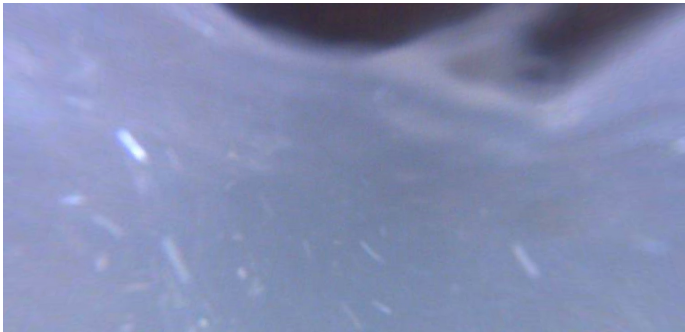
Distance (ft): **97.7**
Structural Grade: **2**
O&M Grade: **3**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



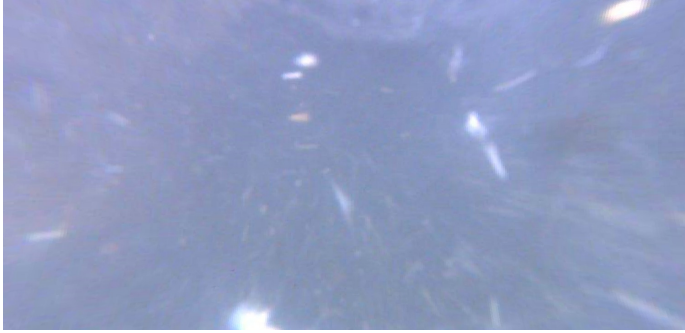
Distance (ft): **106.5**
Structural Grade: **2**
O&M Grade: **3**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

Code: **MCU**
Description: **Camera Underwater**



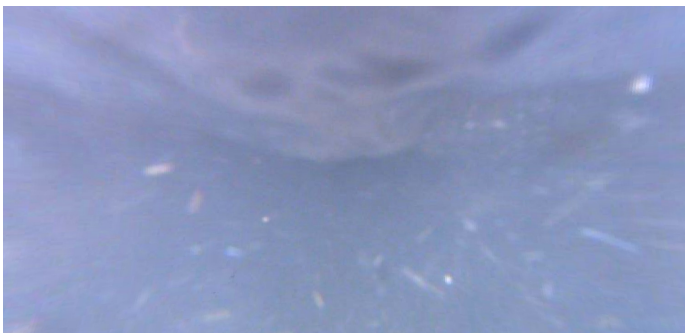
Distance (ft): **106.9**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S08**
Within 8" of Joint: **NO**
Remarks:

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



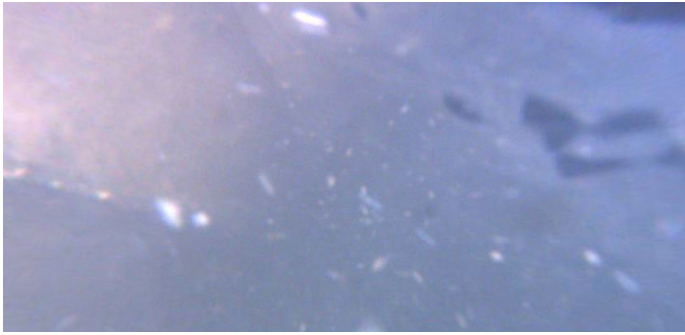
Distance (ft): **109.2**
Structural Grade: **2**
O&M Grade: **3**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



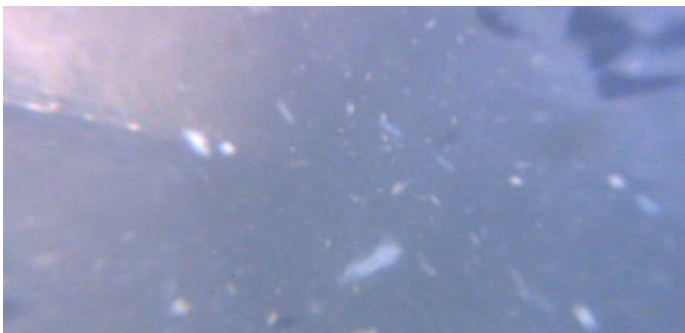
Distance (ft): **115.1**
Structural Grade: **2**
O&M Grade: **3**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **S04**
Within 8" of Joint: **NO**
Remarks:

Code: **MCU**
Description: **Camera Underwater**

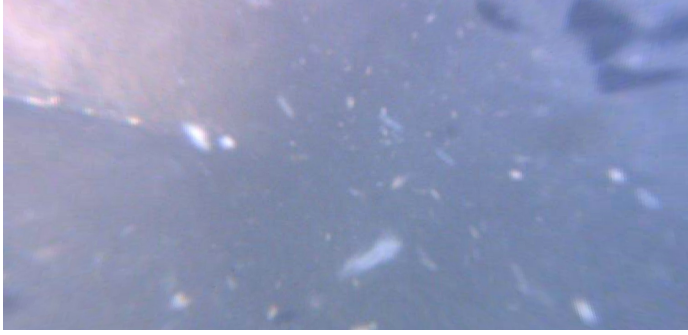


Distance (ft): **129.4**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F08**
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **129.4**
Structural Grade: **2**
O&M Grade: **3**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **F04**
Within 8" of Joint: **NO**
Remarks:



Code:	MSA
Description:	Abandoned Survey
Distance (ft):	129.4
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:	camera stopped under water