

## Profile/Photo Observation Report




Date:	<b>04/25/2018</b>	Weather:		Coding:	<b>PACP 6.0</b>
Pipe Length (ft):	<b>167.9</b>	Owner:	<b>NA</b>	Pre Clean:	<b>Not Known</b>
P.O.#:		Surveyor:	<b>Jen Costello</b>	PSR:	<b>P-605-028-027</b>
Customer:		Clean Date:	<b>01/01/1900</b>	Shape:	<b>C</b>

Street:	<b>S Ash St.</b>	Flow Control:	<b>Not Controlled</b>
City:	<b>Hobart, IN</b>	Year Renewed:	
Location:	<b>Other</b>	Tape/Media #:	
Purpose:	<b>Not Known</b>	Dia/Height:	<b>12"</b>
Use:	<b>Sanitary</b>	Material:	<b>VCP</b>
Drain Area:	<b>NA</b>	Lining:	
Category:	<b>NA</b>		
Comment:			

Location Details:		Direction of Survey:	<b>Downstream</b>
US MH:	<b>M-605-027</b>	DS MH:	<b>M-605-028</b>
		Total Length Surveyed (ft):	<b>67.9</b>

O&M Index:	<b>1.79</b>	O&M Quick:	<b>4233</b>	O&M Rating:	<b>43.00</b>
Structural Index:	<b>3.64</b>	Structural Quick:	<b>4935</b>	Structural Rating:	<b>51.00</b>
Overall Index:	<b>2.47</b>	Overall Quick:	<b>4A38</b>	Overall Rating:	<b>94.00</b>

	Position	Code	Observation	Video (sec)	Grade
<b>M-605-027</b>					
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	2.4	FL	Fracture Longitudinal	38	S 3
	12.2	FL	Fracture Longitudinal	70	S 3
	18.2	FS	Fracture Spiral	94	S 3
	18.4	FL	Fracture Longitudinal	106	S 3
	18.4	FS	Fracture Spiral	119	S 3
	20.6	MGO	General Observation	139	NA
	21.3	FM(S01)	Fracture Multiple	152	S 4
	27.7	RFJ(S02)	Roots Fine Joint	175	M 1
	33.0	TFD	Tap Factory Defective	198	M 2
	33.0	RFL	Roots Fine Lateral	209	M 1
	35.3	TBI	Tap Break-in Intruding	225	M 2
	35.3	TFD	Tap Factory Defective	237	M 2
	35.3	RFL	Roots Fine Lateral	248	M 1
	37.6	TBI	Tap Break-in Intruding	264	M 2
	37.6	RFC	Roots Fine Connection	275	M 1
	38.2	RMJ	Roots Medium Joint	288	M 3
	38.9	RMB	Roots Medium Barrel	302	M 4
	38.9	TBD	Tap Break-in Defective	313	M 3
	38.9	RFC	Roots Fine Connection	324	M 1
	40.5	RBJ	Roots Ball Joint	339	M 4
	63.5	RFJ(F02)	Roots Fine Joint	397	M 1
	66.5	TFD	Tap Factory Defective	417	M 2
	66.5	TFD	Tap Factory Defective	428	M 2
	66.5	RFL	Roots Fine Lateral	439	M 1
	67.5	TFD	Tap Factory Defective	457	M 2
	67.5	RML	Roots Medium Lateral	468	M 3
	67.9	MSA	Abandoned Survey	484	NA
	67.9	FM(F01)	Fracture Multiple	495	S 4
<b>M-605-028</b>					

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-605-027**

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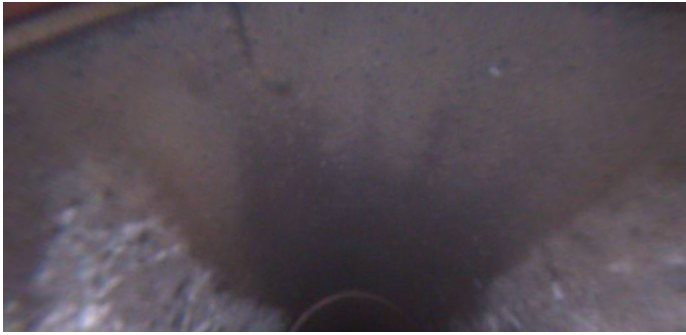
Code: **MWL**  
Description: **Water Level**



Distance (ft): **.0**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **30.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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



Distance (ft): **2.4**  
Structural Grade: **3**  
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: **FL**  
Description: **Fracture Longitudinal**

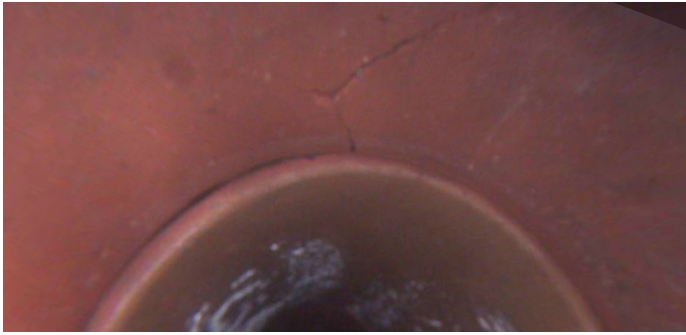


Distance (ft): **12.2**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



Code: **FS**  
Description: **Fracture Spiral**



Distance (ft): **18.2**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

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



Distance (ft): **18.4**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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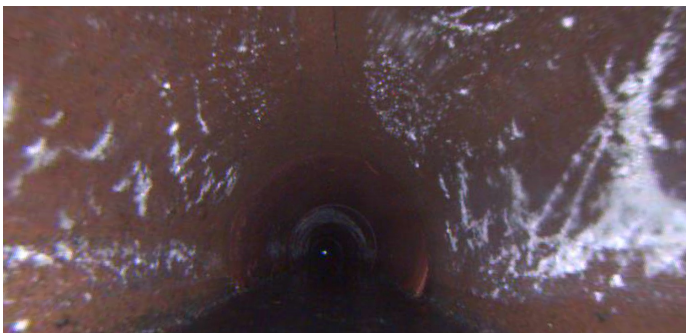
Code: **FS**  
Description: **Fracture Spiral**



Distance (ft): **18.4**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

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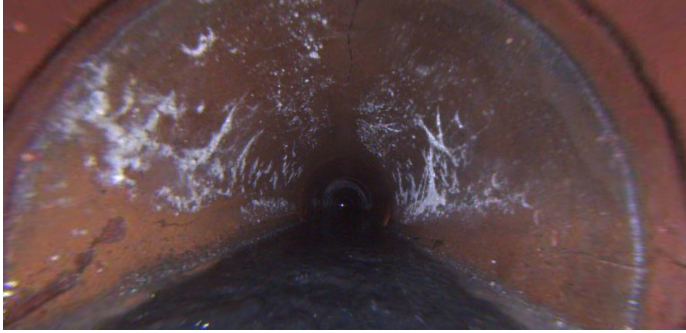
Code: **MGO**  
Description: **General Observation**



Distance (ft): **20.6**  
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: **rear camera**

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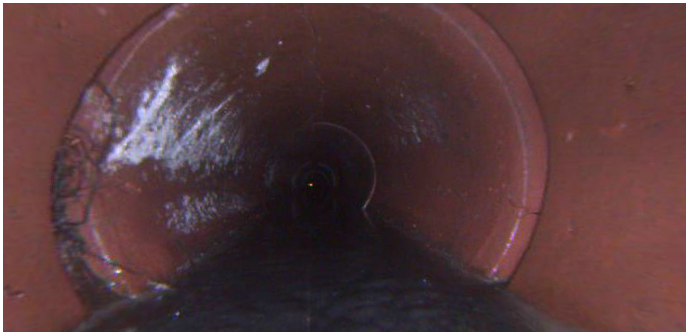
Code: **FM**  
Description: **Fracture Multiple**



Distance (ft): **21.3**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S01**  
Within 8" of Joint: **YES**  
Remarks:

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Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **27.7**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S02**  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **TFD**  
Description: **Tap Factory Defective**



Distance (ft): **33.0**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **10**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks: **roots**

---

Code: **RFL**  
Description: **Roots Fine Lateral**



Distance (ft): **33.0**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **10**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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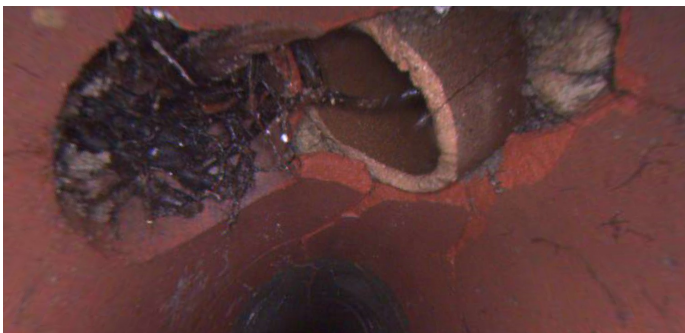
Code: **TBI**  
Description: **Tap Break-in Intruding**



Distance (ft): **35.3**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **12**  
Clock To:  
1st Value: **4.000**  
2nd Value: **1.000**  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

---

Code: **TFD**  
Description: **Tap Factory Defective**



Distance (ft): **35.3**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **1**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks: **roots**

---



Code: **RFL**  
Description: **Roots Fine Lateral**



Distance (ft): **35.3**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **12**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

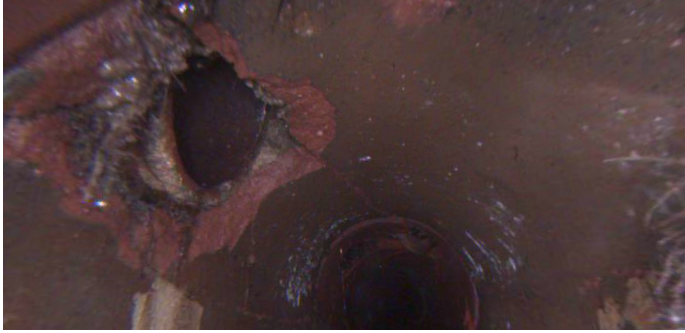
---

Code: **TBI**  
Description: **Tap Break-in Intruding**



Distance (ft): **37.6**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **2**  
Clock To:  
1st Value: **4.000**  
2nd Value: **1.000**  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

Code: **RFC**  
Description: **Roots Fine Connection**



Distance (ft): **37.6**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **1**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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Code: **RMJ**  
Description: **Roots Medium Joint**



Distance (ft): **38.2**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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Code: **RMB**  
Description: **Roots Medium Barrel**



Distance (ft): **38.9**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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Code: **TBD**  
Description: **Tap Break-in Defective**

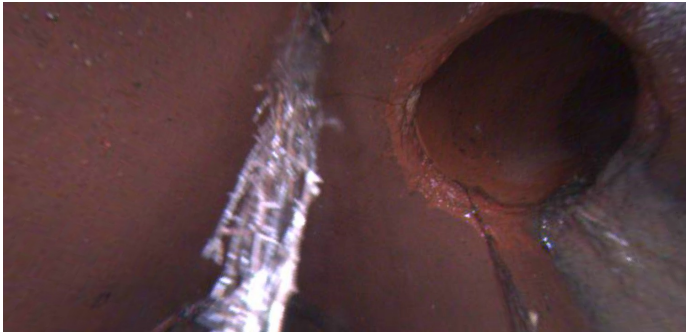


Distance (ft): **38.9**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **11**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks: **roots**

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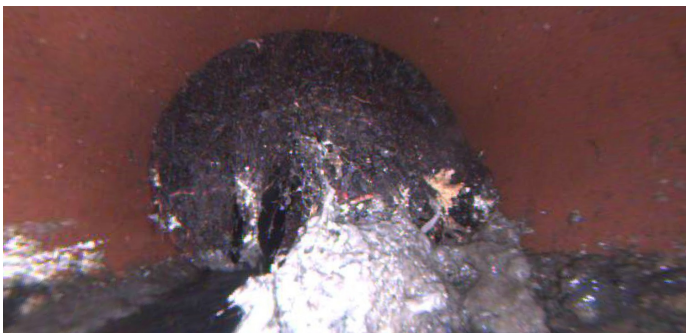
Code: **RFC**  
Description: **Roots Fine Connection**



Distance (ft): **38.9**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **11**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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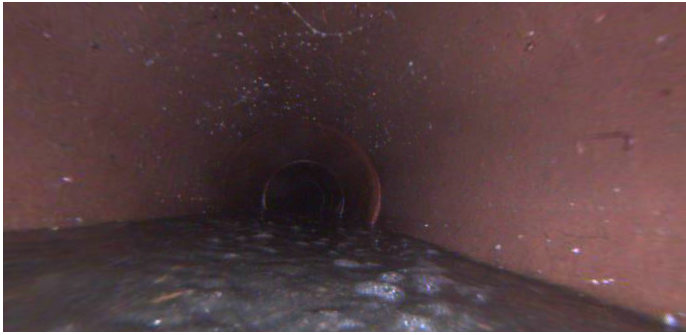
Code: **RBJ**  
Description: **Roots Ball Joint**



Distance (ft): **40.5**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From: **12**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent: **90.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **63.5**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F02**  
Within 8" of Joint: **YES**  
Remarks:

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Code: **TFD**  
Description: **Tap Factory Defective**



Distance (ft): **66.5**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **10**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks: **roots**

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Code: **TFD**  
Description: **Tap Factory Defective**



Distance (ft): **66.5**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **11**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks: **roots**

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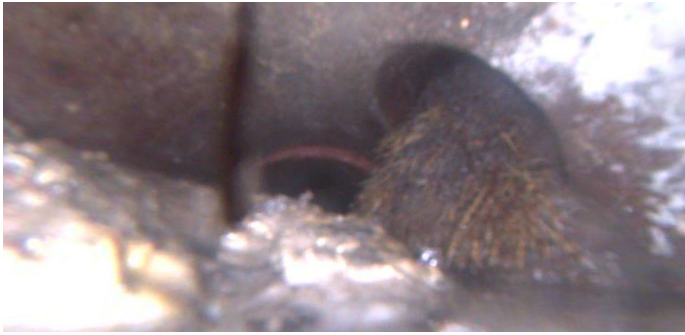
Code: **RFL**  
Description: **Roots Fine Lateral**



Distance (ft): **66.5**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **10**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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Code: **TFD**  
Description: **Tap Factory Defective**



Distance (ft): **67.5**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **2**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks: **roots**

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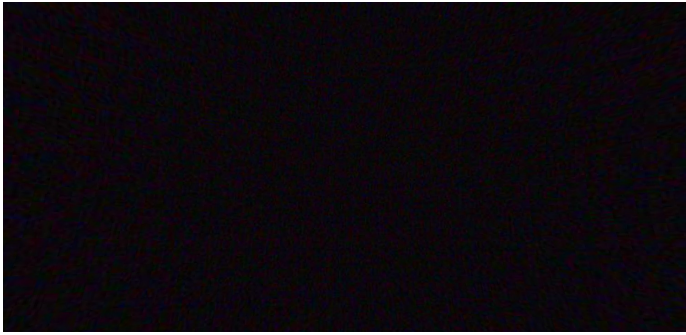
Code: **RML**  
Description: **Roots Medium Lateral**



Distance (ft): **67.5**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **1**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **20.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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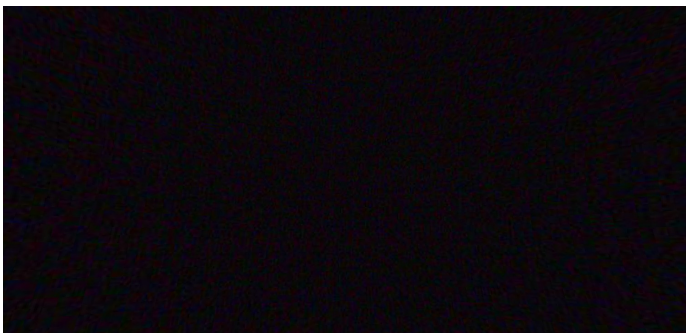
Code: **MSA**  
Description: **Abandoned Survey**



Distance (ft): **67.9**  
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: **roots**

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



Distance (ft): **67.9**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F01**  
Within 8" of Joint: **YES**  
Remarks: