BESS

PIPELINE INSPECTION

www.besstestlab.com

P29-5-3029 - Pipeline Assessment Report - SSFUSD - Spruce Elementary School South San Francisco CA



BESS

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SSMH-02 to SSMH-03	PACP	1/19/2026	SSMH-03	SSMH-02	6		MSA	148.7	98
SSCO-01 to Main_	PACP	7/24/2025	SSCO-01	Main	6			86.5	104

BESS

Asset	Type	Date	Up MH	Down MH	Height	4/5's	Total Length	Length Surveyed	Page
DI-08 to DI-09	PACP	7/24/2025	DI-08	DI-09	8	!		91.6	110
DI-06 to DI-03	PACP	7/24/2025	DI-06	DI-03	4	!		48.9	116
DI-05 to DI-07	PACP	7/24/2025	DI-05	DI-07	10			20.6	123
DI-05 to DI-04	PACP	7/24/2025	DI-04	DI-05	10			57.7	129
DI-03 to DI-04	PACP	7/24/2025	DI-03	DI-04	10			48.2	135
DI-03 to DI-02	PACP	7/24/2025	DI-02	DI-03	10		MSA	28.2	141
DI-02 to DI-03	PACP	7/24/2025	DI-02	DI-03	10		MSA	130.8	147
DI-01 to DI-02	PACP	7/24/2025	DI-01	DI-02	6	!		87.5	155
GIRLS BATHROOM_F-M_	LACP	1/31/2026			4	!		81.6	161
GYM_L1_M-F_	LACP	1/19/2026	SSCO-03	SSMH-04	4			4.5	167
GYM_L2_M-F_	LACP	1/19/2026	SSCO-03	SSMH-04	4	!	MSA	7.5	173
Office Building_F-M_	LACP	1/19/2026	SSCO-02	SSMH-02	4			26.3	179
Total							**0.0**	**2658.9**	

INSPECTION REPORT

January 31, 2026

Pipe Segment Reference: SSMH-05 to SSMH-06
Upstream MH: SSMH-06
Surveyed By: Uriel A Jimenez
Length Surveyed: 92.6
Material: VCP

INSPECTION HEADER

DATE: 1/31/2026
PIPE SEG REF. SSMH-05 to SSMH-06
UP MH: SSMH-06
DOWN MH: SSMH-05

SUMMARY

Inspection Date 1/31/2026 1:30 PM	**Pipe Segment Reference** SSMH-05 to SSMH-06	**Surveyed By** Uriel A Jimenez	**Certificate Number** U-315-06023152
Project	**Street** Spruce Ave	**Upstream MH** SSMH-06	**Downstream MH** SSMH-05
Direction Upstream	**Pre-Cleaning** Heavy Cleaning	**Total Length (ft)**	**Length Surveyed (ft)** 92.6

ASSET

Height (in) 6	**Shape** Circular	**Material** Vitrified Clay Pipe	**Pipe Use** Sanitary Sewage Pipe

INSPECTION

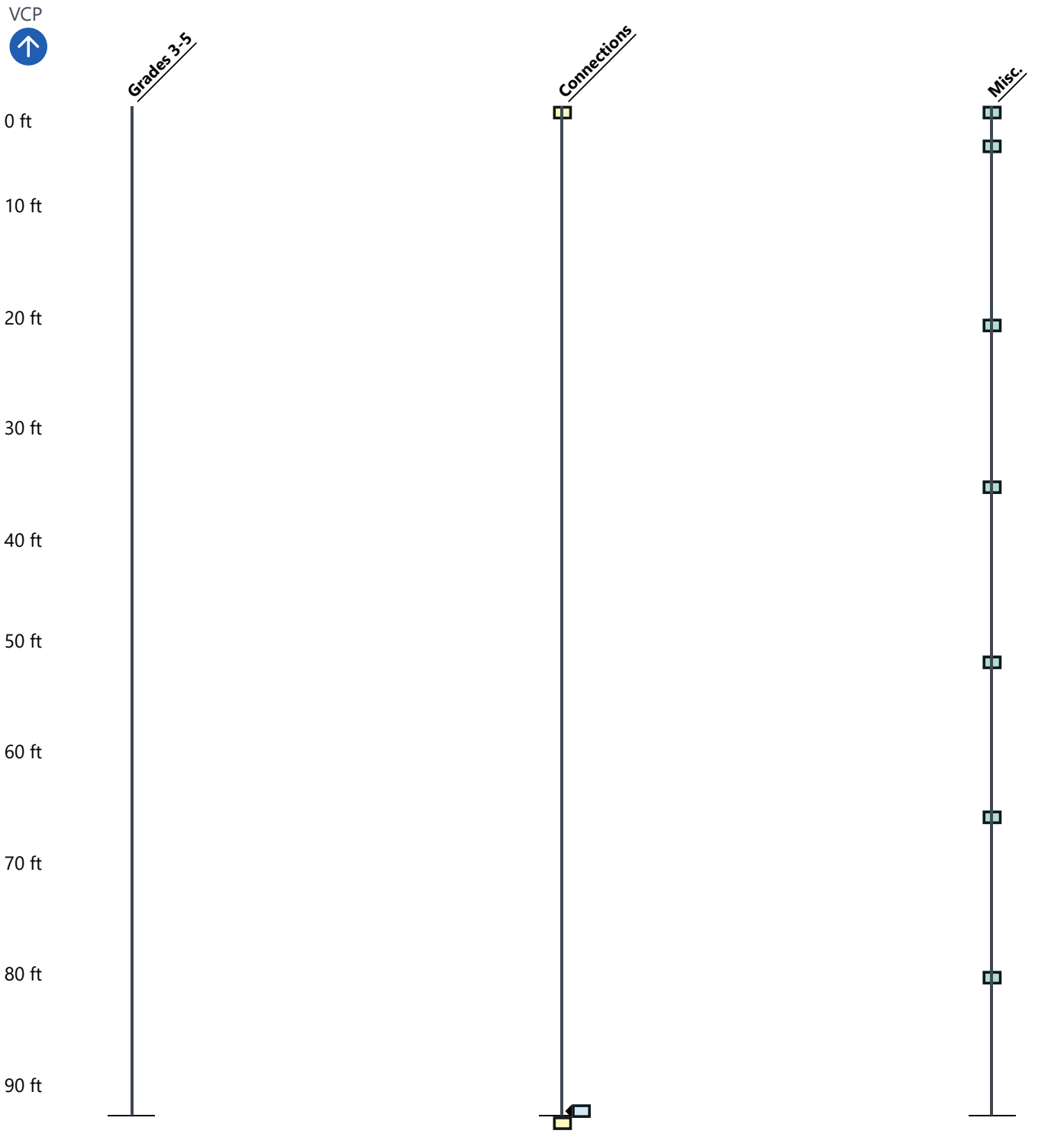
Inspection Time 1:30 PM	**City** South San Francisco, CA	**Inspection Status** CI	**Date Cleaned** 1/31/2026
In Feet (Imperial) Yes			

BESS

PACP INSPECTION REPORT

SMART DIAGRAM

DATE: 1/31/2026
PIPE SEG REF. SSMH-05 to SSMH-06
UP MH: SSMH-06
DOWN MH: SSMH-05



View on Pioneer Web

Generated By SewerAI

OBSERVATIONS

DATE: 1/31/2026
PIPE SEG REF. SSMH-05 to SSMH-06
UP MH: SSMH-06
DOWN MH: SSMH-05

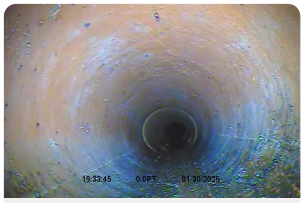
Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:00	Manhole	AMH	-	-	-	-	SSMH-05	-	-
0	0:06	Miscellaneous Water Level	MWL	-	-	-	5	5%	-	-
3.1	0:14	Miscellaneous General Observatio...	MGO	-	-	-	-	DROP PIPE	-	-
19.5	0:44	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
34.3	1:04	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
50.3	1:21	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
64.6	1:37	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
79.2	1:54	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
91.5	2:27	Tap Factory	TF		4	-	-	SSCO-09	-	-
92.6	3:03	Access Point End of Pipe	AEP	-	-	-	-	SSMH-06 (FOUNDATION)	-	-

OBSERVATION SNAPSHOTS

DATE: 1/31/2026
PIPE SEG REF. SSMH-05 to SSMH-06
UP MH: SSMH-06
DOWN MH: SSMH-05



AMH
0 ft



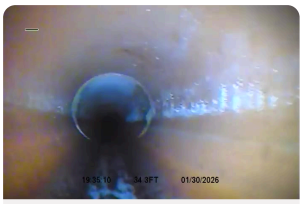
MWL
0 ft



MGO
3.1 ft



MGP
19.5 ft



MGP
34.3 ft



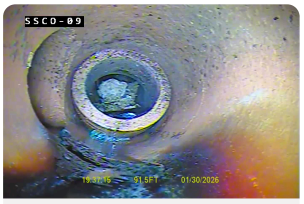
MGP
50.3 ft



MGP
64.6 ft



MGP
79.2 ft



TF
91.5 ft 9:00



AEP
92.6 ft

RATINGS

DATE: 1/31/2026
PIPE SEG REF. SSMH-05 to SSMH-06
UP MH: SSMH-06
DOWN MH: SSMH-05

PIPE RATING INDEX	Overall	Structural	O&M

Sum of all graded conditions divided by the total number of conditions. 0-5 scale.

PIPE RATING	Overall	Structural	O&M
	0	0	0

Sum of all graded conditions.

QUICK RATING	Overall	Structural	O&M	Likelihood of Failure
	0 0 0 0	0 0 0 0	0 0 0 0	1

First digit is highest graded condition. Second digit is count of those conditions (A = 10-14, B = 15-19, etc.). Third digit is second-highest graded condition. Fourth digit is count of those conditions. LoF is Quick Rating divided by 10 (scale from 0-6).

FREQUENCY OF CONDITION GRADES	Grade	1	2	3	4	5
	#	0	0	0	0	0

Count of each condition grade in the inspection.

INSPECTION REPORT

January 31, 2026

Pipe Segment Reference: SSMH-05 to Main
Upstream MH: SSMH-05
Surveyed By: Uriel A Jimenez
Length Surveyed: 42.5
Material: VCP

BESS

PACP INSPECTION REPORT

INSPECTION HEADER

DATE: 1/31/2026
PIPE SEG REF. SSMH-05 to Main
UP MH: SSMH-05
DOWN MH: Main

SUMMARY

Inspection Date 1/31/2026 1:21 PM	**Pipe Segment Reference** SSMH-05 to Main	**Surveyed By** Uriel A Jimenez	**Certificate Number** U-315-06023152
Project	**Street** Spruce Ave	**Upstream MH** SSMH-05	**Downstream MH** Main
Direction Downstream	**Pre-Cleaning** Heavy Cleaning	**Total Length (ft)**	**Length Surveyed (ft)** 42.5

ASSET

Height (in) 6	**Shape** Circular	**Material** Vitrified Clay Pipe	**Pipe Use** Sanitary Sewage Pipe

INSPECTION

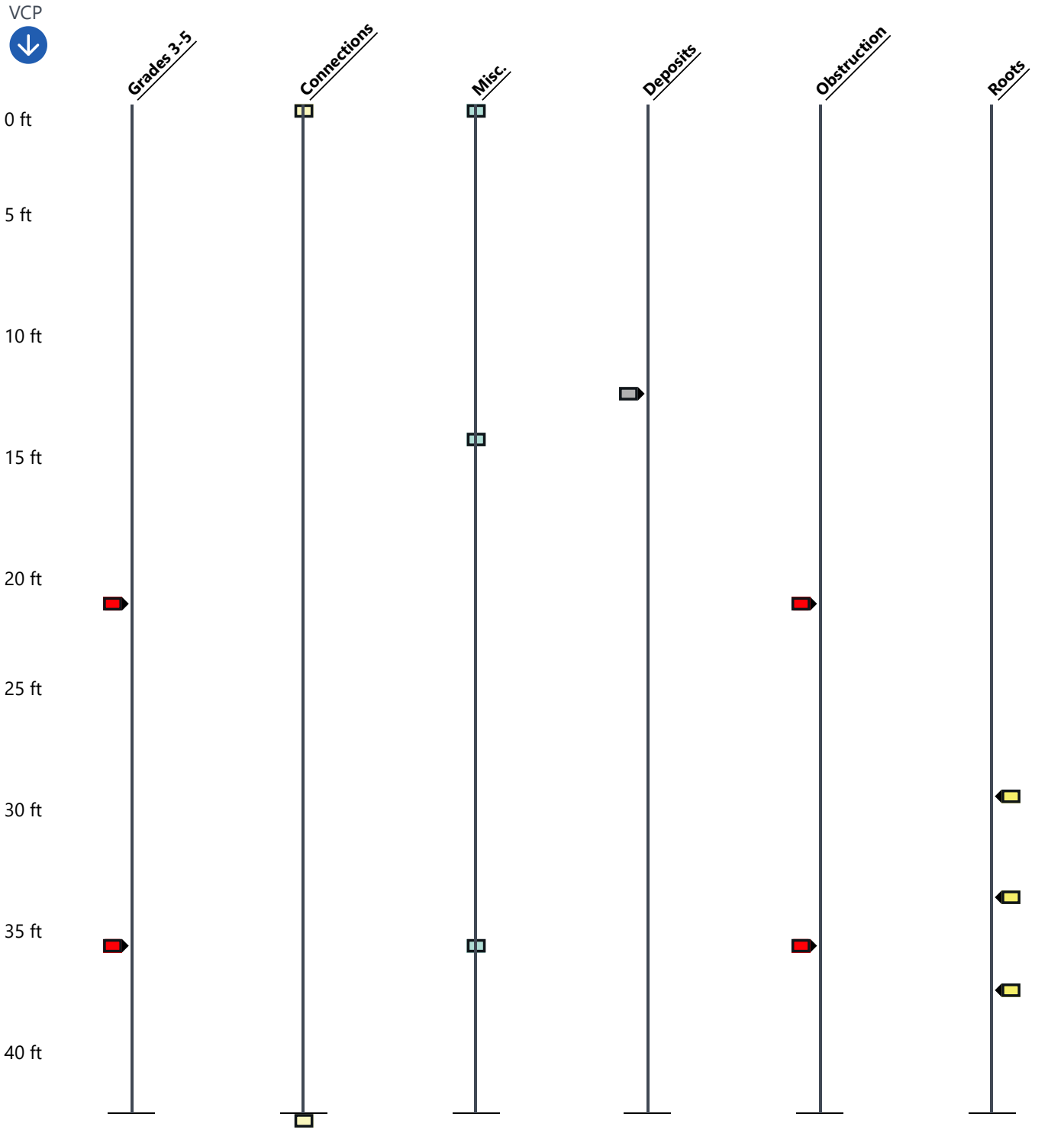
Inspection Time 1:21 PM	**City** South San Francisco, CA	**Inspection Status** CI	**Date Cleaned** 1/31/2026
In Feet (Imperial) Yes			

BESS

PACP INSPECTION REPORT

SMART DIAGRAM

DATE: 1/31/2026
PIPE SEG REF. SSMH-05 to Main
UP MH: SSMH-05
DOWN MH: Main



View on Pioneer Web

Generated By SewerAI

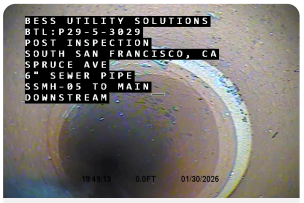
OBSERVATIONS

DATE: 1/31/2026
PIPE SEG REF. SSMH-05 to Main
UP MH: SSMH-05
DOWN MH: Main

Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:00	Manhole	AMH	-	-	-	-	SSMH-05	-	-
0	0:09	Miscellaneous Water Level	MWL	-	-	-	5	5%	-	-
11.9	0:27	Deposits Attached Other	DAZ		-	-	10	DEPOSIT AT JOINT	-	2
13.8	0:33	Miscellaneous Water Level	MWL	-	-	-	30	WATER LEVEL INCREASE	-	-
20.7	0:46	Obstruction Other	OBZ		-	-	35	DEBRIS / MEDIUM ROOT	S01	5
28.8	1:07	Roots Fine Joint	RFJ		-	-	-	FINE ROOTS AT JOINT	-	1
33.1	1:13	Roots Fine Joint	RFJ		-	-	-	FINE ROOTS AT JOINT	-	1
35.1	1:16	Obstruction Other	OBZ		-	-	35	DEBRIS / MEDIUM ROOT	F01	5
35.1	1:16	Miscellaneous Water Level	MWL	-	-	-	10	WATER LEVEL INCREASE	-	-
37	1:17	Roots Fine Joint	RFJ		-	-	-	FINE ROOTS AT JOINT	-	1
42.5	1:37	Access Point End of Pipe	AEP	-	-	-	-	Main	-	-

OBSERVATION SNAPSHOTS

DATE: 1/31/2026
PIPE SEG REF. SSMH-05 to Main
UP MH: SSMH-05
DOWN MH: Main



AMH
0 ft



MWL
0 ft



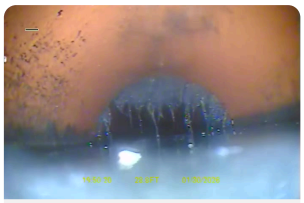
DAZ 2
11.9 ft 3 - 6:00



MWL
13.8 ft



OBZ 5
20.7 ft 4 - 8:00



RFJ 1
28.8 ft 9 - 3:00



RFJ 1
33.1 ft 10 - 2:00



OBZ 5
35.1 ft 4 - 8:00



MWL
35.1 ft



RFJ 1
37 ft 9 - 5:00



AEP
42.5 ft

RATINGS

DATE: 1/31/2026
PIPE SEG REF. SSMH-05 to Main
UP MH: SSMH-05
DOWN MH: Main

PIPE RATING INDEX	Overall	Structural	O&M
	2.9		2.9

Sum of all graded conditions divided by the total number of conditions. 0-5 scale.

PIPE RATING	Overall	Structural	O&M
	20	0	20

Sum of all graded conditions.

QUICK RATING	Overall	Structural	O&M	Likelihood of Failure
	5 3 2 1	0 0 0 0	5 3 2 1	5.3

First digit is highest graded condition. Second digit is count of those conditions (A = 10-14, B = 15-19, etc.). Third digit is second-highest graded condition. Fourth digit is count of those conditions. LoF is Quick Rating divided by 10 (scale from 0-6).

FREQUENCY OF CONDITION GRADES	Grade	1	2	3	4	5
	#	3	1	0	0	3

Count of each condition grade in the inspection.

INSPECTION REPORT

January 31, 2026

Pipe Segment Reference: SSCO-12 to SSMH-05
Upstream MH: SSCO-12
Surveyed By: Uriel A Jimenez
Length Surveyed: 94.7
Material: CAS

BESS

PACP INSPECTION REPORT

INSPECTION HEADER

DATE: 1/31/2026
PIPE SEG REF. SSCO-12 to SSMH-05
UP MH: SSCO-12
DOWN MH: SSMH-05

SUMMARY

Inspection Date 1/31/2026 11:00 AM	**Pipe Segment Reference** SSCO-12 to SSMH-05	**Surveyed By** Uriel A Jimenez	**Certificate Number** U-315-06023152
Project	**Street** Spruce Ave	**Upstream MH** SSCO-12	**Downstream MH** SSMH-05
Direction Downstream	**Pre-Cleaning** Heavy Cleaning	**Total Length (ft)**	**Length Surveyed (ft)** 94.7

ASSET

Height (in) 6	**Shape** Circular	**Material** Cast Iron	**Pipe Use** Sanitary Sewage Pipe

INSPECTION

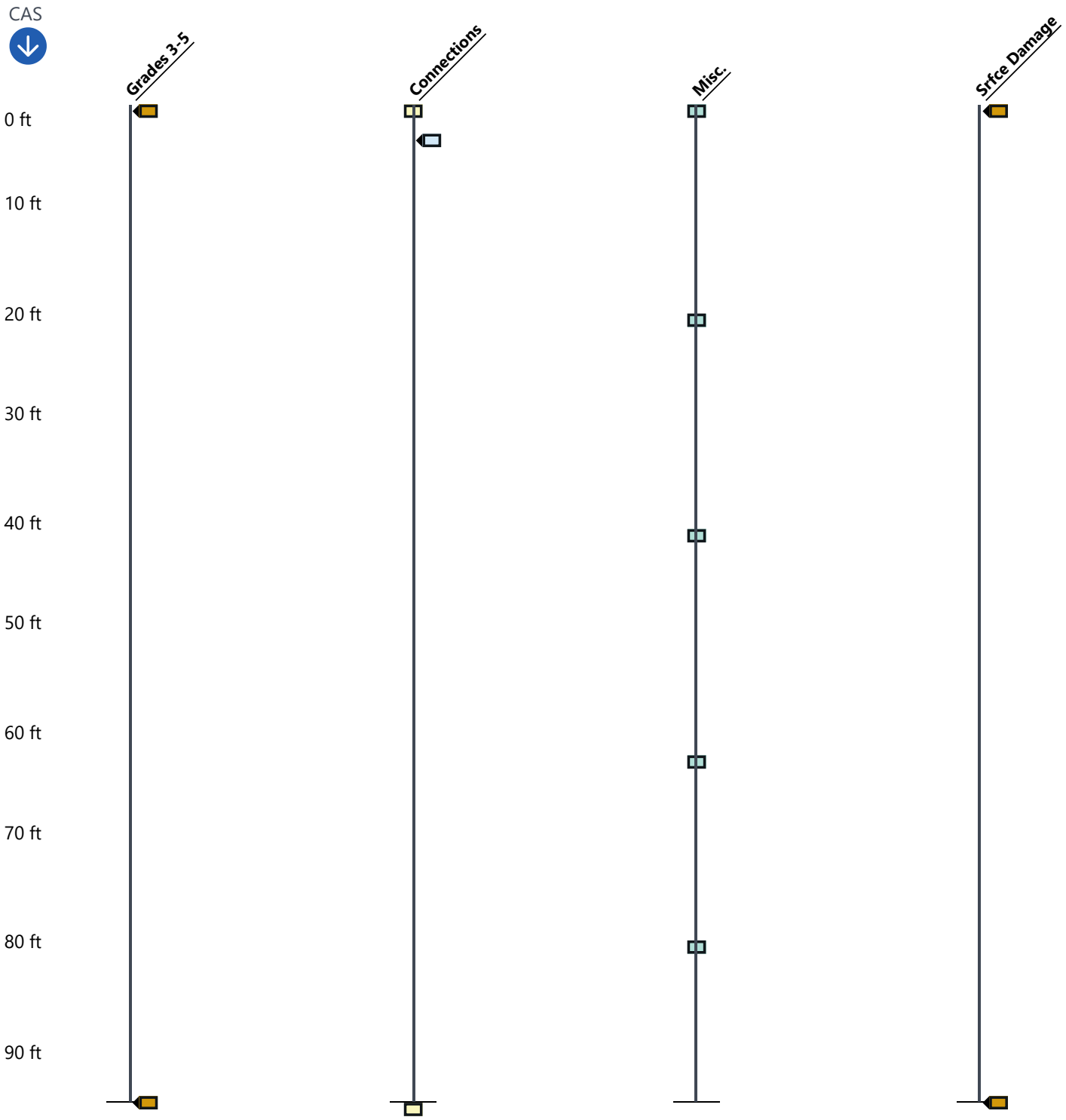
Inspection Time 11:00 AM	**City** South San Francisco, CA	**Inspection Status** CI	**Date Cleaned** 1/31/2026
In Feet (Imperial) Yes			

BESS

PACP INSPECTION REPORT

SMART DIAGRAM

DATE: 1/31/2026
PIPE SEG REF. SSCO-12 to SSMH-05
UP MH: SSCO-12
DOWN MH: SSMH-05



View on Pioneer Web

Generated By SewerAI

OBSERVATIONS

DATE: 1/31/2026
PIPE SEG REF. SSCO-12 to SSMH-05
UP MH: SSCO-12
DOWN MH: SSMH-05

Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:00	Access Point Cleanout Mainline	AMO	-	-	-	-	SSCO-12	-	-
0	0:29	Miscellaneous Water Level	MWL	-	-	-	5	5%	-	-
0	0:29	Surface Damage Corrosion	SCP		-	-	-	START OF SURFACE DAMAGE: CORROSION	S01	3
2.8	0:50	Tap Factory	TF		4	-	-	SSCO-10	-	-
19.8	1:22	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
40.2	1:56	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
61.7	2:32	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
79.2	3:00	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
94	3:22	Surface Damage Corrosion	SCP		-	-	-	START OF SURFACE DAMAGE: CORROSION	F01	3
94.7	3:40	Manhole	AMH	-	-	-	-	SSMH-05	-	-

OBSERVATION SNAPSHOTS

DATE: 1/31/2026
PIPE SEG REF. SSCO-12 to SSMH-05
UP MH: SSCO-12
DOWN MH: SSMH-05



ACOM
0 ft



MWL
0 ft



SCP 3
0 ft 12 - 12:00



TF
2.8 ft 9:00



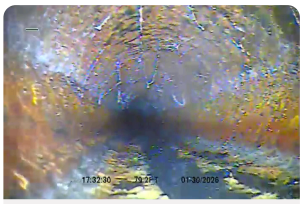
MGP
19.8 ft



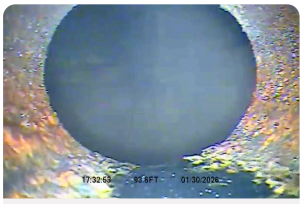
MGP
40.2 ft



MGP
61.7 ft



MGP
79.2 ft



SCP 3
94 ft 12 - 12:00



AMH
94.7 ft

RATINGS

DATE: 1/31/2026
PIPE SEG REF. SSCO-12 to SSMH-05
UP MH: SSCO-12
DOWN MH: SSMH-05

PIPE RATING INDEX	Overall	Structural	O&M
	3	3	

Sum of all graded conditions divided by the total number of conditions. 0-5 scale.

PIPE RATING	Overall	Structural	O&M
	57	57	0

Sum of all graded conditions.

QUICK RATING	Overall	Structural	O&M	Likelihood of Failure
	3 B 0 0	3 B 0 0	0 0 0 0	4

First digit is highest graded condition. Second digit is count of those conditions (A = 10-14, B = 15-19, etc.). Third digit is second-highest graded condition. Fourth digit is count of those conditions. LoF is Quick Rating divided by 10 (scale from 0-6).

FREQUENCY OF CONDITION GRADES	Grade	1	2	3	4	5
	#	0	0	19	0	0

Count of each condition grade in the inspection.

INSPECTION REPORT

January 31, 2026

Pipe Segment Reference: SSCO-13 to Main
Upstream MH: SSCO-13
Surveyed By: Uriel A Jimenez
Length Surveyed: 47.2
Material: CAS

INSPECTION HEADER

DATE: 1/31/2026
PIPE SEG REF. SSCO-13 to Main
UP MH: SSCO-13
DOWN MH: Main

SUMMARY

Inspection Date 1/31/2026 9:30 AM	**Pipe Segment Reference** SSCO-13 to Main	**Surveyed By** Uriel A Jimenez	**Certificate Number** U-315-06023152
Project	**Street** Spruce Ave	**Upstream MH** SSCO-13	**Downstream MH** Main
Direction Downstream	**Pre-Cleaning** Heavy Cleaning	**Total Length (ft)**	**Length Surveyed (ft)** 47.2

ASSET

Height (in) 4	**Shape** Circular	**Material** Cast Iron	**Pipe Use** Sanitary Sewage Pipe

INSPECTION

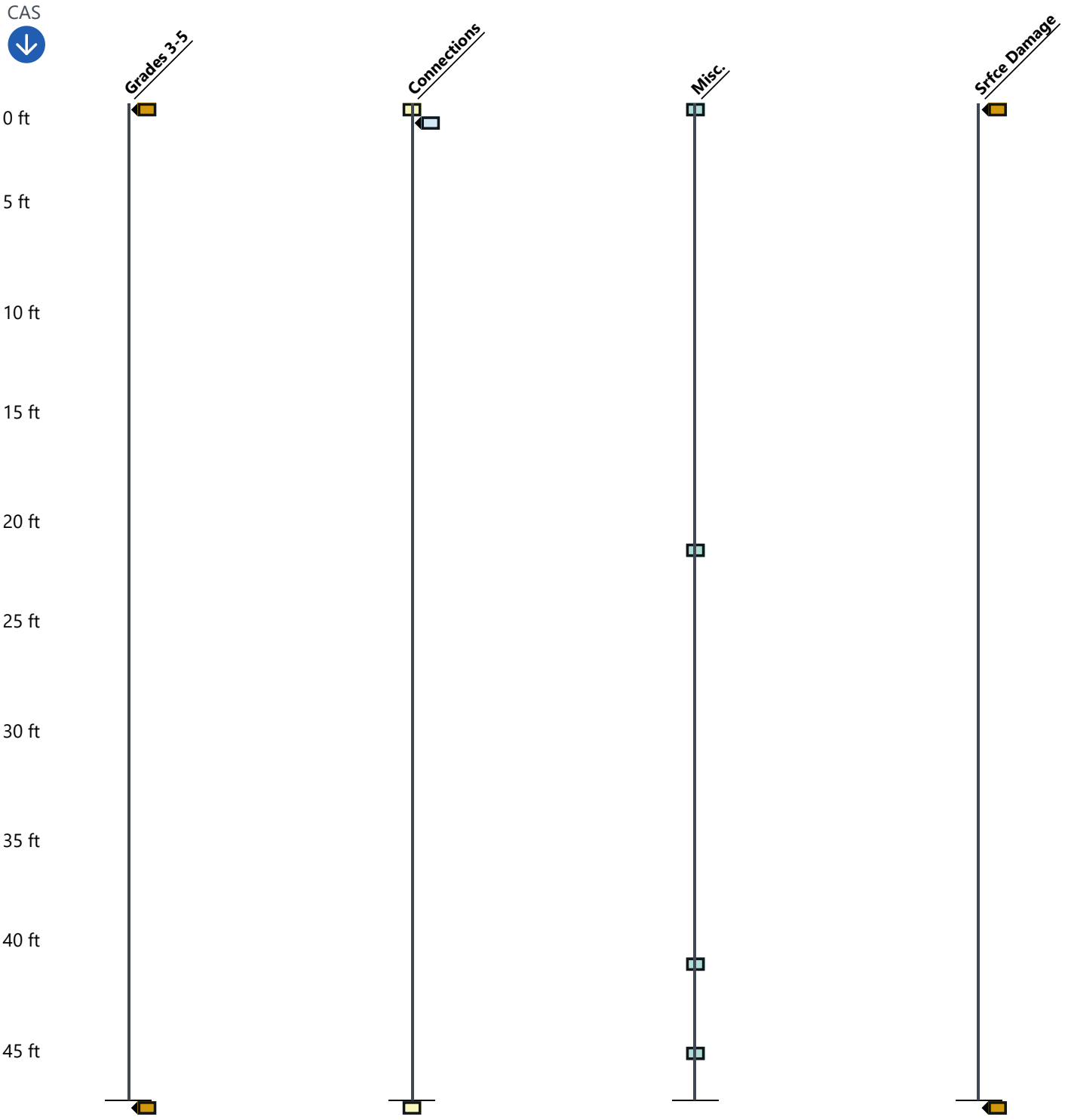
Inspection Time 9:30 AM	**City** South San Francisco, CA	**Inspection Status** CI	**Date Cleaned** 1/31/2026
In Feet (Imperial) Yes			

BESS

PACP INSPECTION REPORT

SMART DIAGRAM

DATE: 1/31/2026
PIPE SEG REF. SSCO-13 to Main
UP MH: SSCO-13
DOWN MH: Main



View on Pioneer Web

Generated By SewerAI

OBSERVATIONS

DATE: 1/31/2026
PIPE SEG REF. SSCO-13 to Main
UP MH: SSCO-13
DOWN MH: Main

Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:00	Access Point Cleanout Mainline	AMO	-	-	-	-	SSCO-13	-	-
0	0:33	Miscellaneous Water Level	MWL	-	-	-	5	5%	-	-
0	0:33	Surface Damage Corrosion	SCP		-	-	-	START OF SURFACE CORROSION	S01	3
0.6	3:50	Tap Factory	TF		4	-	-	SEWER TAP CONNECTION	-	-
20.8	1:14	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
40.4	1:53	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
44.6	2:06	Miscellaneous General Observatio...	MGO	-	-	-	-	PIPE DROPS DOWNWARD	-	-
47.2	2:22	Access Point End of Pipe	AEP	-	-	-	-	Main	-	-
47.2	2:17	Surface Damage Corrosion	SCP		-	-	-	END OF SURFACE CORROSION	F01	3

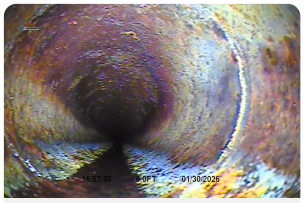
OBSERVATION SNAPSHOTS

DATE: 1/31/2026
PIPE SEG REF. SSCO-13 to Main
UP MH: SSCO-13
DOWN MH: Main



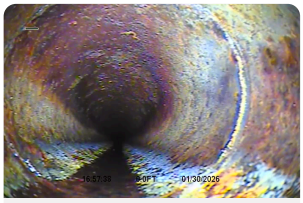
ACOM

0 ft



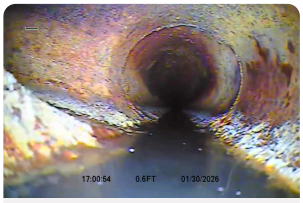
MWL

0 ft



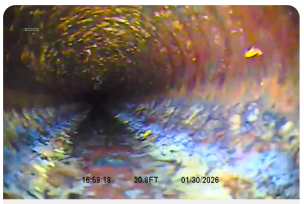
SCP 3

0 ft 12 - 12:00



TF

0.6 ft 9:00



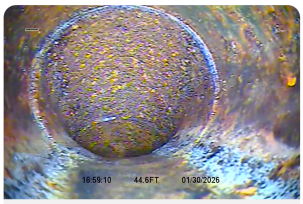
MGP

20.8 ft



MGP

40.4 ft



MGO

44.6 ft



AEP

47.2 ft



SCP 3

47.2 ft 12 - 12:00

RATINGS

DATE: 1/31/2026
PIPE SEG REF. SSCO-13 to Main
UP MH: SSCO-13
DOWN MH: Main

PIPE RATING INDEX	Overall	Structural	O&M
	3	3	

Sum of all graded conditions divided by the total number of conditions. 0-5 scale.

PIPE RATING	Overall	Structural	O&M
	27	27	0

Sum of all graded conditions.

QUICK RATING	Overall	Structural	O&M	Likelihood of Failure
	39 00	39 00	00 00	3.9

First digit is highest graded condition. Second digit is count of those conditions (A = 10-14, B = 15-19, etc.). Third digit is second-highest graded condition. Fourth digit is count of those conditions. LoF is Quick Rating divided by 10 (scale from 0-6).

FREQUENCY OF CONDITION GRADES	Grade	1	2	3	4	5
	#	0	0	9	0	0

Count of each condition grade in the inspection.

INSPECTION REPORT

January 31, 2026

Pipe Segment Reference: SSCO-11 to Main
Upstream MH: SSCO-11
Surveyed By: Uriel A Jimenez
Length Surveyed: 110.6
Material: PVC

INSPECTION HEADER

DATE: 1/31/2026
PIPE SEG REF. SSCO-11 to Main
UP MH: SSCO-11
DOWN MH: Main

SUMMARY

Inspection Date 1/31/2026 9:15 AM	**Pipe Segment Reference** SSCO-11 to Main	**Surveyed By** Uriel A Jimenez	**Certificate Number** U-315-06023152
Project	**Street** Spruce Ave	**Upstream MH** SSCO-11	**Downstream MH** Main
Direction Downstream	**Pre-Cleaning** Heavy Cleaning	**Total Length (ft)**	**Length Surveyed (ft)** 110.6

ASSET

Height (in) 4	**Shape** Circular	**Material** Polyvinyl Chloride	**Pipe Use** Sanitary Sewage Pipe

INSPECTION

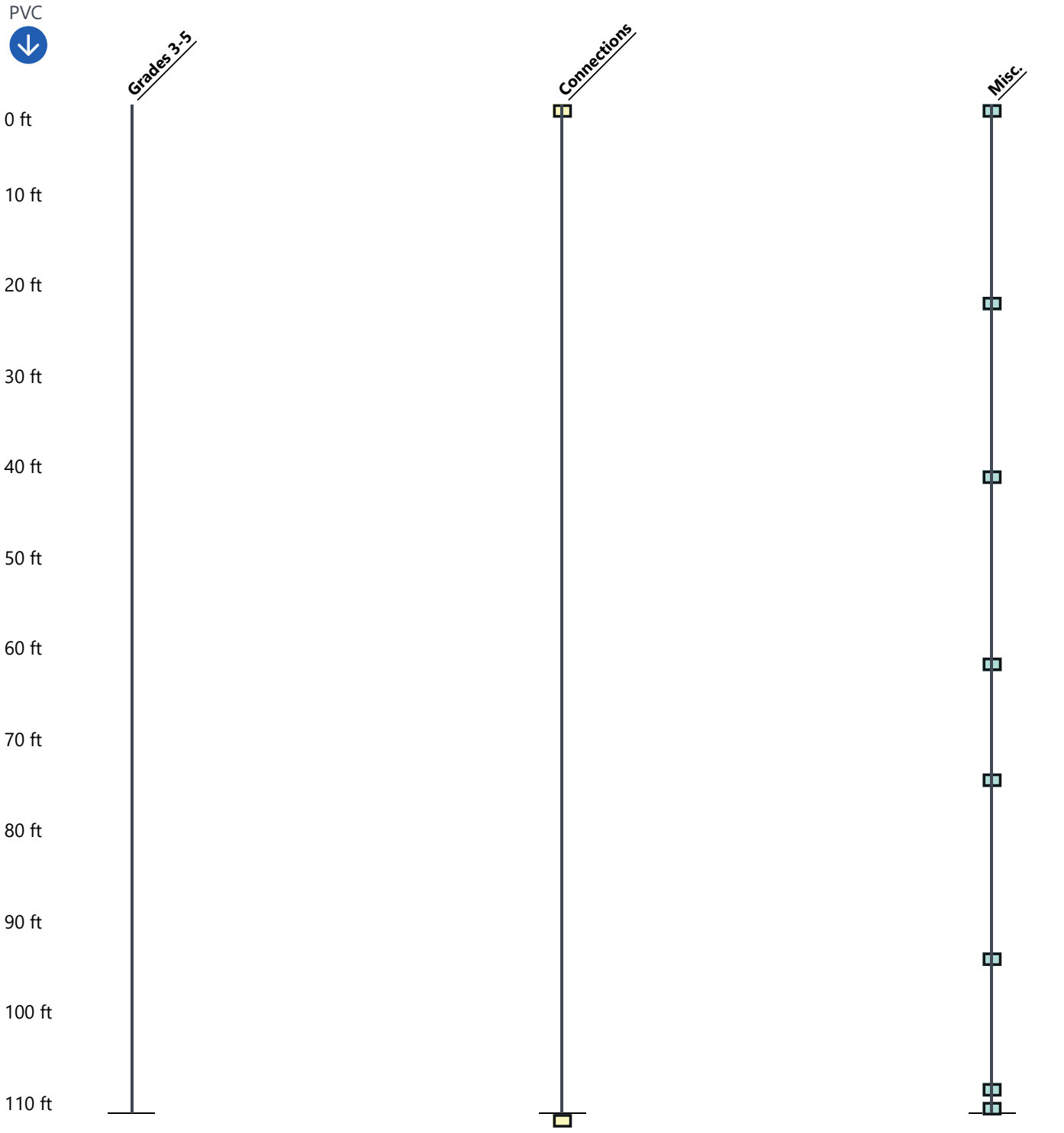
Inspection Time 9:15 AM	**City** South San Francisco, CA	**Inspection Status** CI	**Date Cleaned** 1/31/2026
In Feet (Imperial) Yes			

BESS

PACP INSPECTION REPORT

SMART DIAGRAM

DATE: 1/31/2026
PIPE SEG REF. SSCO-11 to Main
UP MH: SSCO-11
DOWN MH: Main



View on Pioneer Web

Generated By SewerAI

OBSERVATIONS

DATE: 1/31/2026
PIPE SEG REF. SSCO-11 to Main
UP MH: SSCO-11
DOWN MH: Main

Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:00	Access Point Cleanout Mainline	ACOM	-	-	-	-	SSCO-11	-	-
0	0:24	Miscellaneous Water Level	MWL	-	-	-	5	5%	-	-
21.1	1:06	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
40	1:41	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
60.5	2:18	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
60.9	2:22	Miscellaneous General Observatio...	MGO	-	-	-	-	CLEAN OUT	-	-
73.3	2:46	Miscellaneous General Observatio...	MGO	-	-	-	-	PIPE BENDS TO THE RIGHT	-	-
92.8	3:20	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
107.1	3:45	Miscellaneous General Observatio...	MGO	-	-	-	-	CLEAN OUT	-	-
109.2	3:50	Miscellaneous Material Change	MMC	-	-	-	-	FROM PVC TO CAST IRON	-	-
110.6	3:59	Access Point End of Pipe	AEP	-	-	-	-	Main	-	-

OBSERVATION SNAPSHOTS

DATE: 1/31/2026
PIPE SEG REF. SSCO-11 to Main
UP MH: SSCO-11
DOWN MH: Main



ACOM

0 ft



MWL

0 ft



MGP

21.1 ft



MGP

40 ft



MGP

60.5 ft



MGO

60.9 ft



MGO

73.3 ft



MGP

92.8 ft



MGO

107.1 ft



MMC

109.2 ft



AEP

110.6 ft

RATINGS

DATE: 1/31/2026
PIPE SEG REF. SSCO-11 to Main
UP MH: SSCO-11
DOWN MH: Main

PIPE RATING INDEX	Overall	Structural	O&M

Sum of all graded conditions divided by the total number of conditions. 0-5 scale.

PIPE RATING	Overall	Structural	O&M
	0	0	0

Sum of all graded conditions.

QUICK RATING	Overall	Structural	O&M	Likelihood of Failure
	0 0 0 0	0 0 0 0	0 0 0 0	1

First digit is highest graded condition. Second digit is count of those conditions (A = 10-14, B = 15-19, etc.). Third digit is second-highest graded condition. Fourth digit is count of those conditions. LoF is Quick Rating divided by 10 (scale from 0-6).

FREQUENCY OF CONDITION GRADES	Grade	1	2	3	4	5
	#	0	0	0	0	0

Count of each condition grade in the inspection.

INSPECTION REPORT

January 31, 2026

Pipe Segment Reference: SSCO-10 to SSCO-12
Upstream MH: SSCO-10
Surveyed By: Uriel A Jimenez
Length Surveyed: 197
Material: CAS

INSPECTION HEADER

DATE: 1/31/2026
PIPE SEG REF. SSCO-10 to SSCO-12
UP MH: SSCO-10
DOWN MH: SSCO-12

SUMMARY

Inspection Date 1/31/2026 8:15 AM	**Pipe Segment Reference** SSCO-10 to SSCO-12	**Surveyed By** Uriel A Jimenez	**Certificate Number** U-315-06023152
Project	**Street** Spruce Ave	**Upstream MH** SSCO-10	**Downstream MH** SSCO-12
Direction Downstream	**Pre-Cleaning** Heavy Cleaning	**Total Length (ft)**	**Length Surveyed (ft)** 197

ASSET

Height (in) 4	**Shape** Circular	**Material** Cast Iron	**Pipe Use** Sanitary Sewage Pipe

INSPECTION

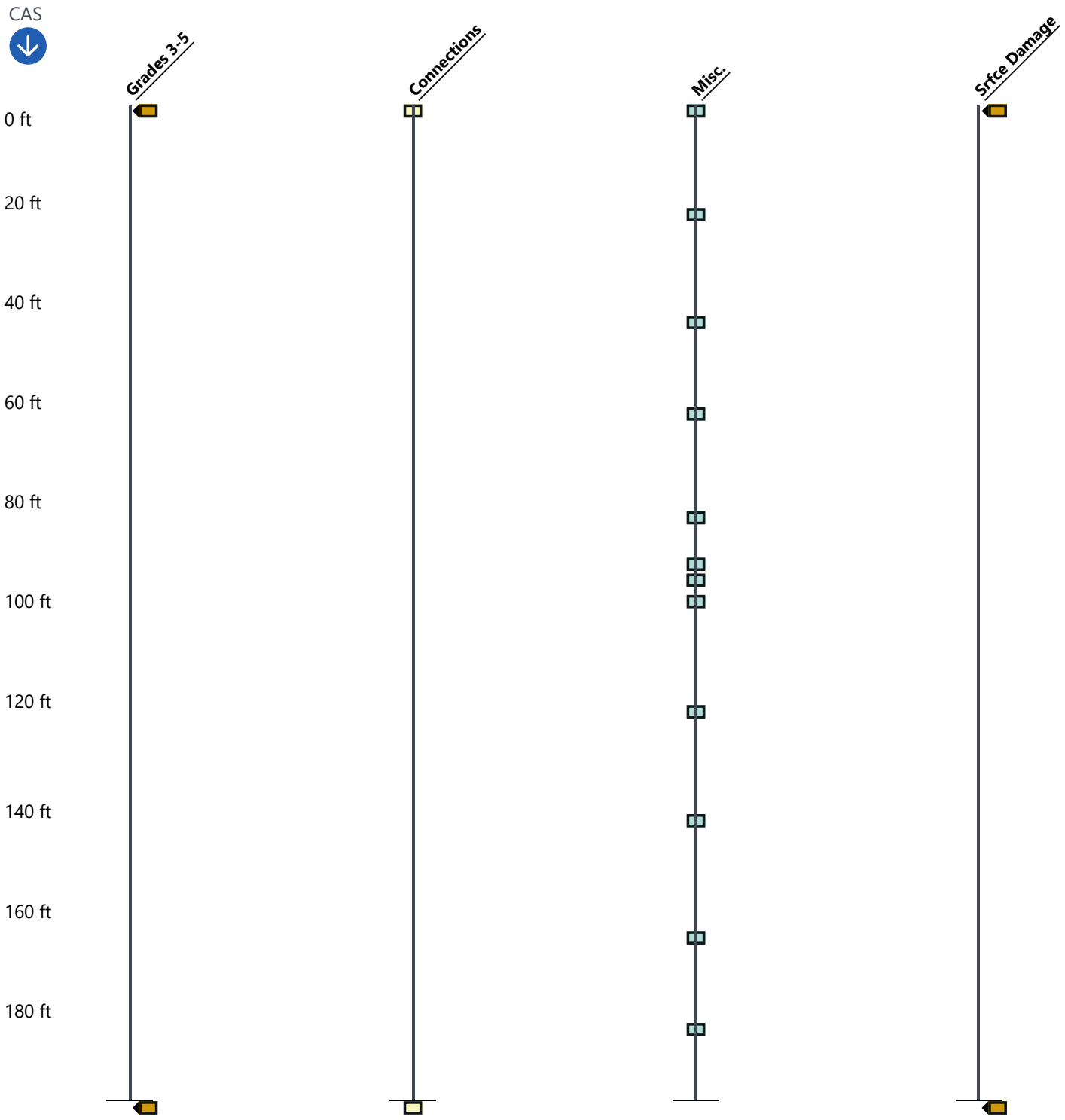
Inspection Time 8:15 AM	**City** South San Francisco, CA	**Inspection Status** CI	**Date Cleaned** 1/31/2026
In Feet (Imperial) Yes			

BESS

PACP INSPECTION REPORT

SMART DIAGRAM

DATE: 1/31/2026
PIPE SEG REF. SSCO-10 to SSCO-12
UP MH: SSCO-10
DOWN MH: SSCO-12



View on Pioneer Web

Generated By SewerAI

OBSERVATIONS

DATE: 1/31/2026
PIPE SEG REF. SSCO-10 to SSCO-12
UP MH: SSCO-10
DOWN MH: SSCO-12

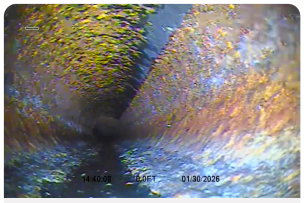
Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:00	Access Point Cleanout Mainline	AMO	-	-	-	-	SSCO-10	-	-
0	0:42	Miscellaneous Water Level	MWL	-	-	-	5	5%	-	-
0	0:42	Surface Damage Corrosion	SCP	●	-	-	-	START OF CORROSION IN PIPE	S01	3
20.5	1:22	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
41.6	1:54	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
59.8	2:35	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
80.4	3:07	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
89.6	3:35	Miscellaneous General Observatio...	MGO	-	-	-	-	SSCO-13	-	-
92.7	3:42	Miscellaneous General Observatio...	MGO	-	-	-	-	PIPE BENDS TO THE LEFT	-	-
93	3:45	Miscellaneous General Observatio...	MGO	-	-	-	-	PIPE BENDS TO THE RIGHT	-	-
96.8	4:17	Miscellaneous General Observatio...	MGO	-	-	-	-	SSCO-11	-	-
118.7	5:15	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
140.2	5:49	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
163.3	7:36	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
181.4	9:22	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
197	8:28	Surface Damage Corrosion	SCP	●	-	-	-	START OF CORROSION IN PIPE	F01	3
197	8:29	Access Point Cleanout Mainline	AMO	-	-	-	-	SSCO-12	-	-

OBSERVATION SNAPSHOTS

DATE: 1/31/2026
PIPE SEG REF. SSCO-10 to SSCO-12
UP MH: SSCO-10
DOWN MH: SSCO-12



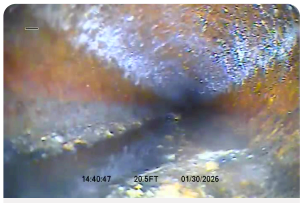
ACOM
0 ft



MWL
0 ft



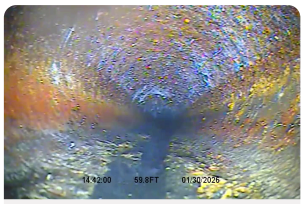
SCP 3
0 ft 12 - 12:00



MGP
20.5 ft



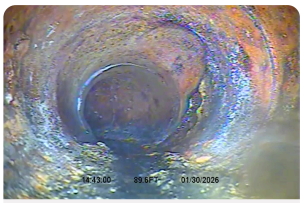
MGP
41.6 ft



MGP
59.8 ft



MGP
80.4 ft



MGO
89.6 ft



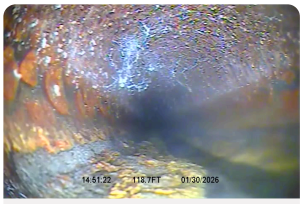
MGO
92.7 ft



MGO
93 ft



MGO
96.8 ft



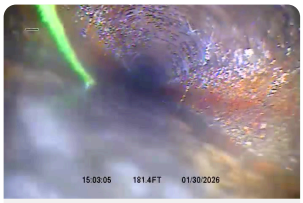
MGP
118.7 ft



MGP
140.2 ft



MGP
163.3 ft



MGP
181.4 ft



SCP 3
197 ft 12 - 12:00


BESS UTILITY SOLUTIONS
BTL:P29-5-3029
POST INSPECTION
SOUTH SAN FRANCISCO, CA
SPRUCE AVE
4" SEWER PIPE
SSCO-10 TO SSCO-12
DOWNSTREAM
COMPLETE
15:01:31
197.0FT
01/30/2026

ACOM

197 ft

RATINGS

DATE: 1/31/2026
PIPE SEG REF. SSCO-10 to SSCO-12
UP MH: SSCO-10
DOWN MH: SSCO-12

PIPE RATING INDEX	Overall	Structural	O&M
	3	3	

Sum of all graded conditions divided by the total number of conditions. 0-5 scale.

PIPE RATING	Overall	Structural	O&M
	117	117	0

Sum of all graded conditions.

QUICK RATING	Overall	Structural	O&M	Likelihood of Failure
	3 F 0 0	3 F 0 0	0 0 0 0	4

First digit is highest graded condition. Second digit is count of those conditions (A = 10-14, B = 15-19, etc.). Third digit is second-highest graded condition. Fourth digit is count of those conditions. LoF is Quick Rating divided by 10 (scale from 0-6).

FREQUENCY OF CONDITION GRADES	Grade	1	2	3	4	5
	#	0	0	39	0	0

Count of each condition grade in the inspection.

INSPECTION REPORT

January 31, 2026

Pipe Segment Reference: SSCO-09 to Main
Upstream MH: SSCO-09
Surveyed By: Uriel A Jimenez
Length Surveyed: 134.8
Material: CAS

INSPECTION HEADER

DATE: 1/31/2026
PIPE SEG REF. SSCO-09 to Main
UP MH: SSCO-09
DOWN MH: Main

SUMMARY

Inspection Date 1/31/2026 8:00 AM	**Pipe Segment Reference** SSCO-09 to Main	**Surveyed By** Uriel A Jimenez	**Certificate Number** U-315-06023152
Project	**Street** Spruce Ave	**Upstream MH** SSCO-09	**Downstream MH** Main
Direction Downstream	**Pre-Cleaning** Heavy Cleaning	**Total Length (ft)**	**Length Surveyed (ft)** 134.8

ASSET

Height (in) 6	**Shape** Circular	**Material** Cast Iron	**Pipe Use** Sanitary Sewage Pipe

INSPECTION

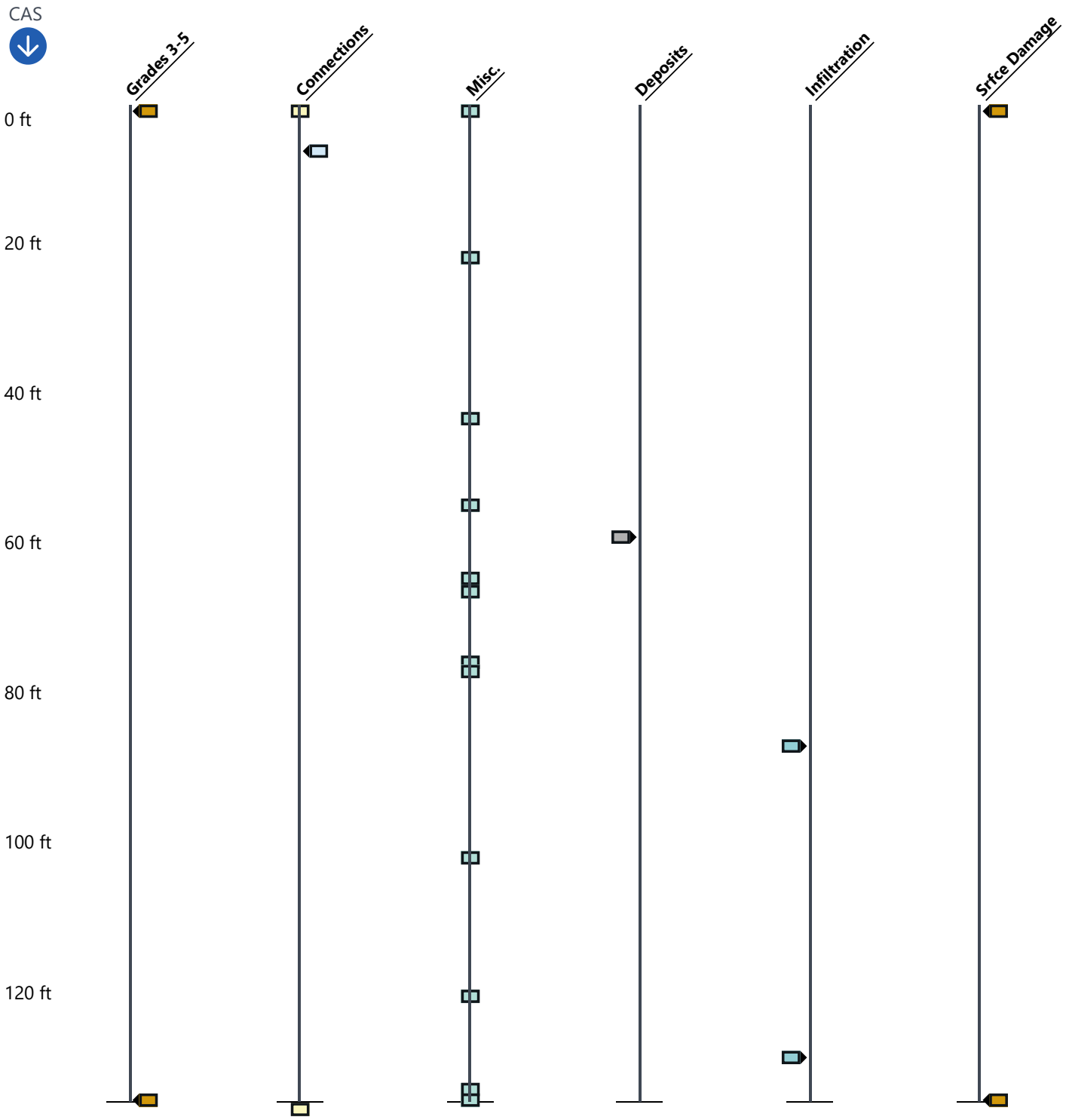
Inspection Time 8:00 AM	**City** South San Francisco, CA	**Inspection Status** CI	**Date Cleaned** 1/31/2026
In Feet (Imperial) Yes			

BESS

PACP INSPECTION REPORT

SMART DIAGRAM

DATE: 1/31/2026
PIPE SEG REF. SSCO-09 to Main
UP MH: SSCO-09
DOWN MH: Main



View on Pioneer Web

Generated By SewerAI

BESS

PACP INSPECTION REPORT

OBSERVATIONS

DATE: 1/31/2026
PIPE SEG REF. SSCO-09 to Main
UP MH: SSCO-09
DOWN MH: Main

Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:00	Access Point Cleanout Ma inline	AMZO	-	-	-	-	SSCO-09	-	-
0	0:24	Miscellaneous Water Leve l	MWL	-	-	-	5	5%	-	-
0	0:26	Surface Damage Corrosio n	SCP		-	-	-	START OF SURFACE DAMAGE: CORRO SION	S01	3
5.3	0:39	Tap Factory	TF		4	-	-	SEWER TAP CONNECTION	-	-
19.8	1:02	Miscellaneous General Ph otograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
41.4	1:38	Miscellaneous General Ph otograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
53.2	2:01	Miscellaneous General O bservatio...	MGO	-	-	-	-	12 O CLOCK BRANCH	-	-
57.4	2:21	Deposits Attached Other	DAZ		-	-	10	DEPOSITS AT JOINT	-	2
63	2:34	Miscellaneous General O bservatio...	MGO	-	-	-	-	11 O CLOCK BRANCH	-	-
64.9	2:40	Miscellaneous General O bservatio...	MGO	-	-	-	-	11 O CLOCK BRANCH	-	-
74.3	3:00	Miscellaneous General O bservatio...	MGO	-	-	-	-	GIRLS BATHROOM SEWER LATERAL N EAR CLASSROOM 13	-	-
75.7	3:03	Miscellaneous General O bservatio...	MGO	-	-	-	-	1 O CLOCK BRANCH	-	-
85.6	3:21	Infiltration Stain	IS		-	-	-	WATER INFILTRATION	-	1
100.7	3:51	Miscellaneous General Ph otograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
119.5	4:35	Miscellaneous General Ph otograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
127.7	4:54	Infiltration Stain	IS		-	-	-	WATER INFILTRATION	-	1
132.1	5:03	Miscellaneous General O bservatio...	MGO	-	-	-	-	PIPE BENDS TO THE RIGHT	-	-

BESS

PACP INSPECTION REPORT

Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
133.5	5:06	Miscellaneous Material Change	MMC	-	-	-	-	CHANGES FROM CAST IRON TO VCP	-	-
133.5	5:06	Surface Damage Corrosion	SCP		-	-	-	START OF SURFACE DAMAGE: CORROSION	F01	3
134.8	6:04	Access Point End of Pipe	AEP	-	-	-	-	Main	-	-

OBSERVATION SNAPSHOTS

DATE: 1/31/2026
PIPE SEG REF. SSCO-09 to Main
UP MH: SSCO-09
DOWN MH: Main



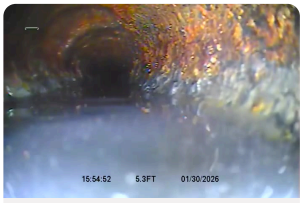
ACOM
0 ft



MWL
0 ft



SCP 3
0 ft 12 - 12:00



TF
5.3 ft 11:00



MGP
19.8 ft



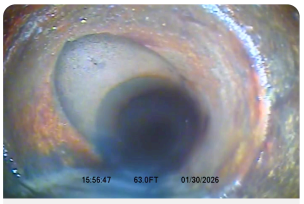
MGP
41.4 ft



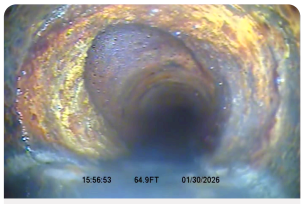
MGO
53.2 ft



DAZ 2
57.4 ft 5 - 7:00



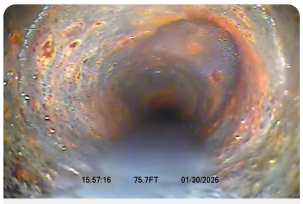
MGO
63 ft



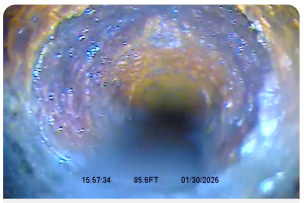
MGO
64.9 ft



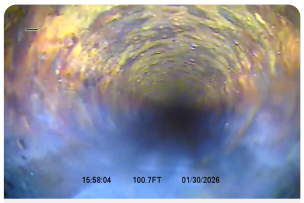
MGO
74.3 ft



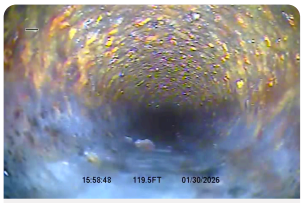
MGO
75.7 ft



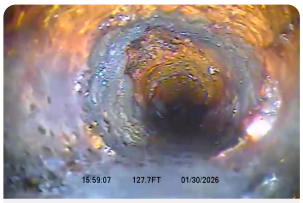
IS 1
85.6 ft 5 - 7:00



MGP
100.7 ft



MGP
119.5 ft



IS 1
127.7 ft 5 - 7:00



MGO

132.1 ft



MMC

133.5 ft



SCP 3

133.5 ft 12 - 12:00



AEP

134.8 ft

RATINGS

DATE: 1/31/2026
PIPE SEG REF. SSCO-09 to Main
UP MH: SSCO-09
DOWN MH: Main

PIPE RATING INDEX	Overall	Structural	O&M
	2.8	3	1.3

Sum of all graded conditions divided by the total number of conditions. 0-5 scale.

PIPE RATING	Overall	Structural	O&M
	85	81	4

Sum of all graded conditions.

QUICK RATING	Overall	Structural	O&M	Likelihood of Failure
	3 D 2 1	3 D 0 0	2 1 1 2	4

First digit is highest graded condition. Second digit is count of those conditions (A = 10-14, B = 15-19, etc.). Third digit is second-highest graded condition. Fourth digit is count of those conditions. LoF is Quick Rating divided by 10 (scale from 0-6).

FREQUENCY OF CONDITION GRADES	Grade	1	2	3	4	5
	#	2	1	27	0	0

Count of each condition grade in the inspection.

INSPECTION REPORT

January 31, 2026

Pipe Segment Reference: SSCO-08 to SSCO-09
Upstream MH: SSCO-08
Surveyed By: Uriel A Jimenez
Length Surveyed: 132.9
Material: CAS

INSPECTION HEADER

DATE: 1/31/2026
PIPE SEG REF. SSCO-08 to SSCO-09
UP MH: SSCO-08
DOWN MH: SSCO-09

SUMMARY

Inspection Date	Pipe Segment Reference	Surveyed By	Certificate Number
1/31/2026 7:15 AM	SSCO-08 to SSCO-09	Uriel A Jimenez	U-315-06023152
Project	**Street**	**Upstream MH**	**Downstream MH**
	Spruce Ave	SSCO-08	SSCO-09
Direction	**Pre-Cleaning**	**Total Length (ft)**	**Length Surveyed (ft)**
Downstream	Heavy Cleaning		132.9

ASSET

Height (in)	Shape	Material	Pipe Use
6	Circular	Cast Iron	Sanitary Sewage Pipe

INSPECTION

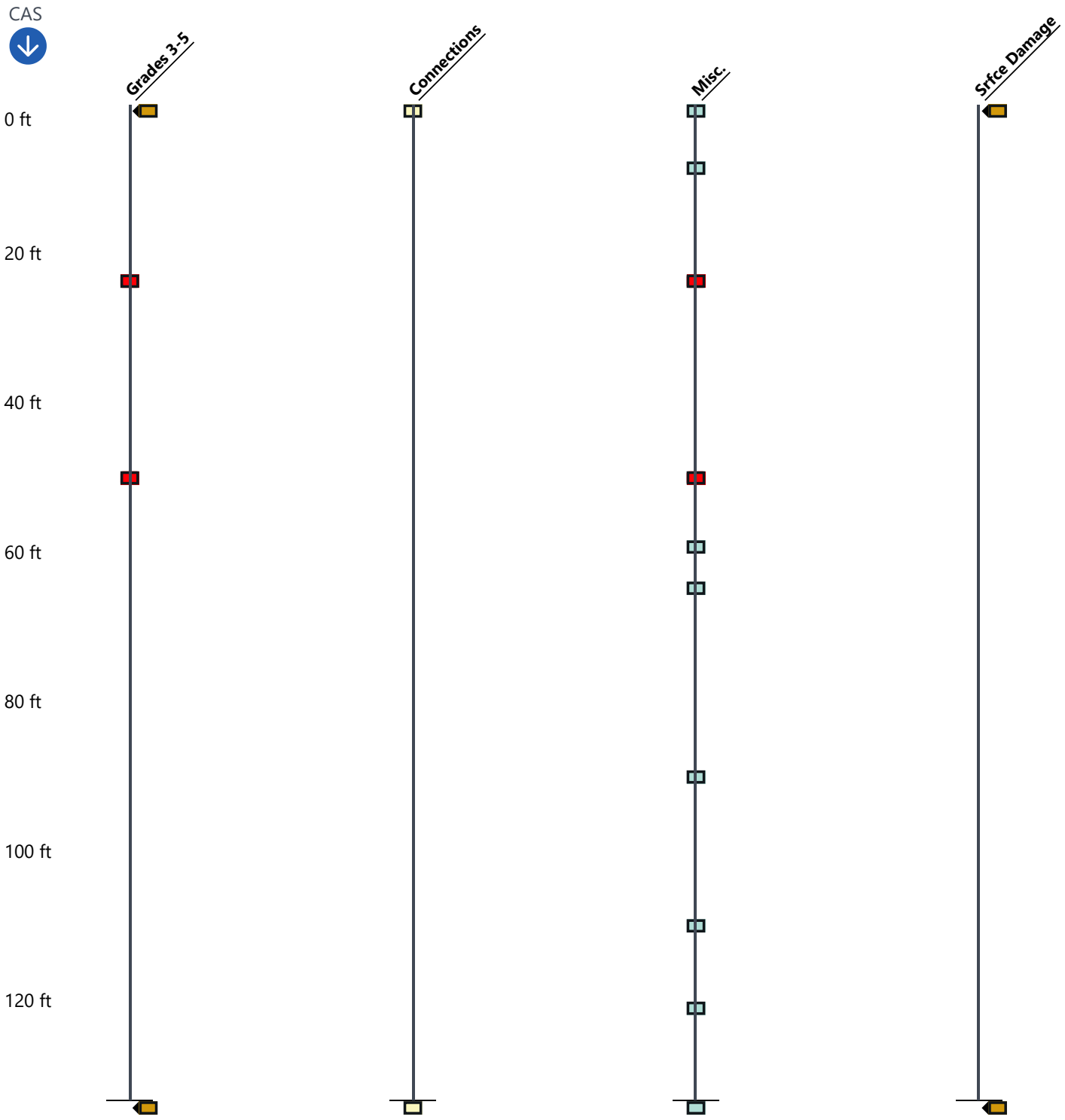
Inspection Time	City	Inspection Status	Date Cleaned
7:15 AM	South San Francisco, CA	CI	1/31/2026
In Feet (Imperial)			
Yes			

BESS

PACP INSPECTION REPORT

SMART DIAGRAM

DATE: 1/31/2026
PIPE SEG REF. SSCO-08 to SSCO-09
UP MH: SSCO-08
DOWN MH: SSCO-09



View on Pioneer Web

Generated By SewerAI

BESS

PACP INSPECTION REPORT

OBSERVATIONS

DATE: 1/31/2026
PIPE SEG REF. SSCO-08 to SSCO-09
UP MH: SSCO-08
DOWN MH: SSCO-09

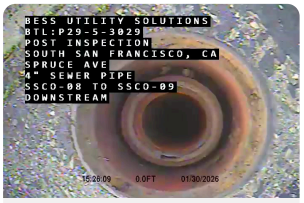
Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:00	Access Point Cleanout Mainline	AMZO	-	-	-	-	SSCO-08	-	-
0	0:35	Miscellaneous Water Level	MWL	-	-	-	5	5%	-	-
0	0:36	Surface Damage Corrosion	SCP		-	-	-	START OF SURFACE DAMAGE: CORROSION	S01	3
7.5	0:57	Miscellaneous Water Level Sag	MSWL	-	-	-	30	START OF WATER SAG	S02	2
22.7	1:15	Miscellaneous Camera Underwater	MCU	-	-	-	-	UNDER WATER	-	4
48.8	1:44	Miscellaneous Camera Underwater	MCU	-	-	-	-	UNDER WATER	-	4
58	8:32	Miscellaneous General Observatio...	MGO	-	-	-	-	9 O CLOCK BRANCH	-	-
63.5	1:55	Miscellaneous Water Level Sag	MSWL	-	-	-	30	START OF WATER SAG	F02	2
88.8	2:25	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
108.6	2:47	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
119.6	3:07	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
132.9	6:06	Access Point Cleanout Mainline	AMZO	-	-	-	-	SSCO-09	-	-
132.9	6:15	Miscellaneous General Observatio...	MGO	-	-	-	-	SSCO-09	-	-
132.9	6:01	Surface Damage Corrosion	SCP		-	-	-	END OF SURFACE DAMAGE: CORROSION	F01	3

View on Pioneer Web

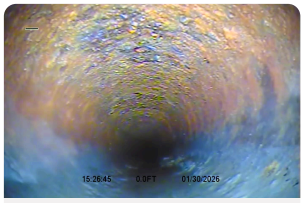
Generated By SewerAI

OBSERVATION SNAPSHOTS

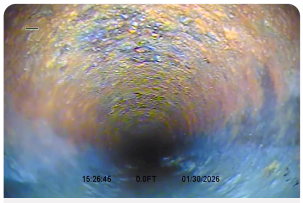
DATE: 1/31/2026
PIPE SEG REF. SSCO-08 to SSCO-09
UP MH: SSCO-08
DOWN MH: SSCO-09



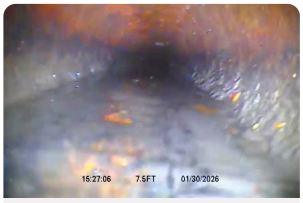
ACOM
0 ft



MWL
0 ft



SCP 3
0 ft 12 - 12:00



MWLS 2
7.5 ft



MCU 4
22.7 ft



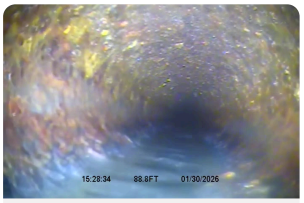
MCU 4
48.8 ft



MGO
58 ft



MWLS 2
63.5 ft



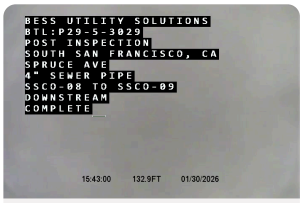
MGP
88.8 ft



MGP
108.6 ft



MGP
119.6 ft



ACOM
132.9 ft



MGO
132.9 ft



SCP 3
132.9 ft 12 - 12:00

RATINGS

DATE: 1/31/2026
PIPE SEG REF. SSCO-08 to SSCO-09
UP MH: SSCO-08
DOWN MH: SSCO-09

PIPE RATING INDEX	Overall	Structural	O&M
	2.8	2.7	4

Sum of all graded conditions divided by the total number of conditions. 0-5 scale.

PIPE RATING	Overall	Structural	O&M
	111	103	8

Sum of all graded conditions.

QUICK RATING	Overall	Structural	O&M	Likelihood of Failure
	4 2 3 D	3 D 2 A	4 2 0 0	4.2

First digit is highest graded condition. Second digit is count of those conditions (A = 10-14, B = 15-19, etc.). Third digit is second-highest graded condition. Fourth digit is count of those conditions. LoF is Quick Rating divided by 10 (scale from 0-6).

FREQUENCY OF CONDITION GRADES	Grade	1	2	3	4	5
	#	0	11	27	2	0

Count of each condition grade in the inspection.

INSPECTION REPORT

January 24, 2026

Pipe Segment Reference: SSCO-07 to Main
Upstream MH: SSCO-07
Surveyed By: Uriel A Jimenez
Length Surveyed: 133.8
Material: PVC

INSPECTION HEADER

DATE: 1/24/2026
PIPE SEG REF. SSCO-07 to Main
UP MH: SSCO-07
DOWN MH: Main

SUMMARY

Inspection Date	Pipe Segment Reference	Surveyed By	Certificate Number
1/24/2026 12:00 AM	SSCO-07 to Main	Uriel A Jimenez	U-315-06023152
Project	**Street**	**Upstream MH**	**Downstream MH**
	Spruce Ave	SSCO-07	Main
Direction	**Pre-Cleaning**	**Total Length (ft)**	**Length Surveyed (ft)**
Downstream	Heavy Cleaning		133.8

ASSET

Height (in)	Shape	Material	Pipe Use
4	Circular	Polyvinyl Chloride	Sanitary Sewage Pipe

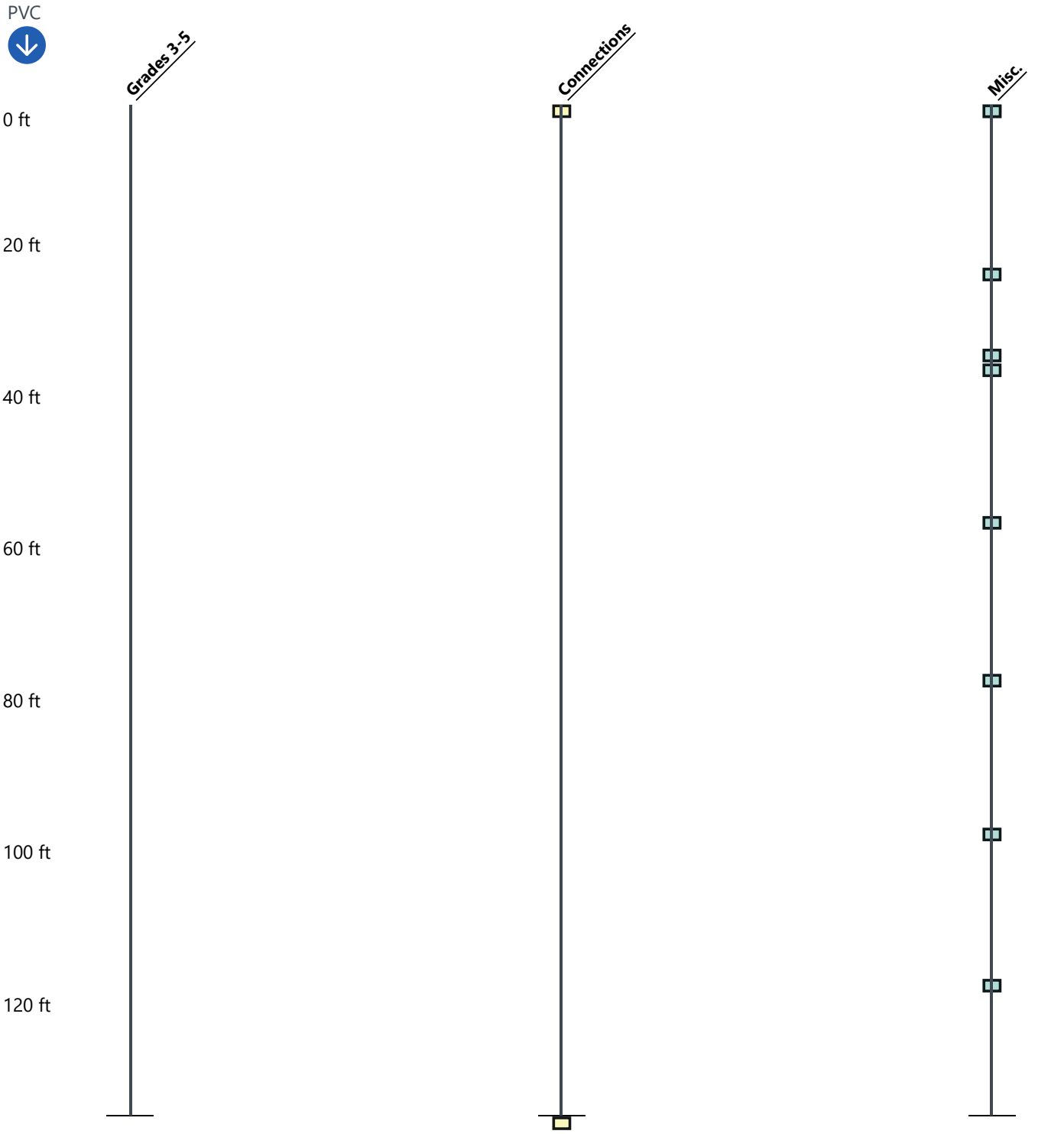
INSPECTION

Inspection Time	City	Inspection Status	Date Cleaned
12:00 AM	South San Francisco, CA	CI	1/24/2026
In Feet (Imperial)			
Yes			

BESS

SMART DIAGRAM

DATE: 1/24/2026
PIPE SEG REF. SSCO-07 to Main
UP MH: SSCO-07
DOWN MH: Main



View on Pioneer Web

Generated By SewerAI

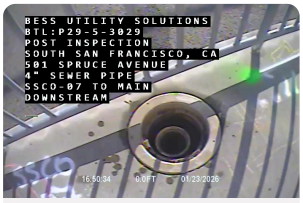
OBSERVATIONS

DATE: 1/24/2026
PIPE SEG REF. SSCO-07 to Main
UP MH: SSCO-07
DOWN MH: Main

Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:00	Access Point Cleanout Mainline	ACOM	-	-	-	-	SSCO-06	-	-
0	0:27	Miscellaneous Water Level	MWL	-	-	-	5	5%	-	-
0.8	0:37	Miscellaneous General Observatio...	MGO	-	-	-	-	3 O CLOCK BRANCH	-	-
21.5	1:10	Miscellaneous General Observatio...	MGO	-	-	-	-	3 O CLOCK BRANCH	-	-
32.2	1:24	Miscellaneous General Observatio...	MGO	-	-	-	-	PIPE BENDS TO THE RIGHT	-	-
34.2	1:30	Miscellaneous General Observatio...	MGO	-	-	-	-	CLEAN OUT	-	-
54.3	1:57	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
75.2	2:28	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
95.6	2:54	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
115.5	3:19	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
133.8	4:08	Access Point Cleanout Mainline	ACOM	-	-	-	-	Main	-	-

OBSERVATION SNAPSHOTS

DATE: 1/24/2026
PIPE SEG REF. SSCO-07 to Main
UP MH: SSCO-07
DOWN MH: Main



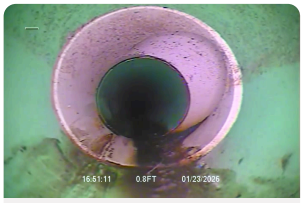
ACOM

0 ft



MWL

0 ft



MGO

0.8 ft



MGO

21.5 ft



MGO

32.2 ft



MGO

34.2 ft



MGP

54.3 ft



MGP

75.2 ft



MGP

95.6 ft



MGP

115.5 ft



ACOM

133.8 ft

RATINGS

DATE: 1/24/2026
PIPE SEG REF. SSCO-07 to Main
UP MH: SSCO-07
DOWN MH: Main

PIPE RATING INDEX	Overall	Structural	O&M

Sum of all graded conditions divided by the total number of conditions. 0-5 scale.

PIPE RATING	Overall	Structural	O&M
	0	0	0

Sum of all graded conditions.

QUICK RATING	Overall	Structural	O&M	Likelihood of Failure
	0 0 0 0	0 0 0 0	0 0 0 0	1

First digit is highest graded condition. Second digit is count of those conditions (A = 10-14, B = 15-19, etc.). Third digit is second-highest graded condition. Fourth digit is count of those conditions. LoF is Quick Rating divided by 10 (scale from 0-6).

FREQUENCY OF CONDITION GRADES	Grade	1	2	3	4	5
	#	0	0	0	0	0

Count of each condition grade in the inspection.

INSPECTION REPORT

January 24, 2026

Pipe Segment Reference: SSCO-05 to SSCO-06
Upstream MH: SSCO-05
Surveyed By: Uriel A Jimenez
Length Surveyed: 96.3
Material: PVC

INSPECTION HEADER

DATE: 1/24/2026
PIPE SEG REF. SSCO-05 to SSCO-06
UP MH: SSCO-05
DOWN MH: SSCO-06

SUMMARY

Inspection Date	Pipe Segment Reference	Surveyed By	Certificate Number
1/24/2026 12:00 AM	SSCO-05 to SSCO-06	Uriel A Jimenez	U-315-06023152
Project	**Street**	**Upstream MH**	**Downstream MH**
	Spruce Ave	SSCO-05	SSCO-06
Direction	**Pre-Cleaning**	**Total Length (ft)**	**Length Surveyed (ft)**
Downstream	Heavy Cleaning		96.3

ASSET

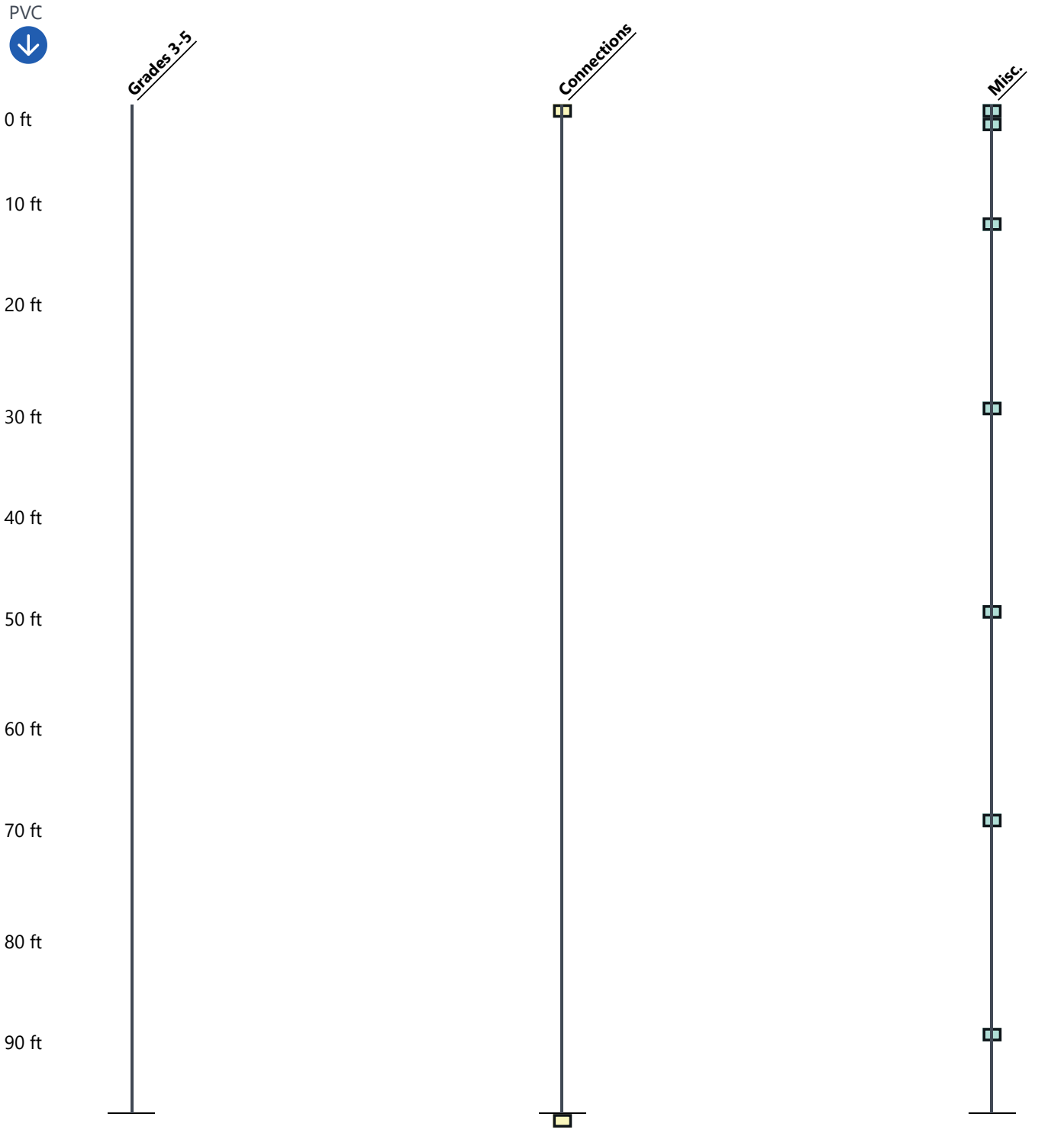
Height (in)	Shape	Material	Pipe Use
4	Circular	Polyvinyl Chloride	Sanitary Sewage Pipe

INSPECTION

Inspection Time	City	Inspection Status	Date Cleaned
12:00 AM	South San Francisco, CA	CI	1/24/2026
In Feet (Imperial)			
Yes			

SMART DIAGRAM

DATE: 1/24/2026
PIPE SEG REF. SSCO-05 to SSCO-06
UP MH: SSCO-05
DOWN MH: SSCO-06



OBSERVATIONS

DATE: 1/24/2026
PIPE SEG REF. SSCO-05 to SSCO-06
UP MH: SSCO-05
DOWN MH: SSCO-06

Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:00	Access Point Cleanout Mainline	ACOM	-	-	-	-	SSCO-05	-	-
0	0:31	Miscellaneous Water Level	MWL	-	-	-	5	5%	-	-
1.2	0:38	Miscellaneous General Observatio...	MGO	-	-	-	-	SSCO-04	-	-
10.7	0:56	Miscellaneous General Observatio...	MGO	-	-	-	-	SSCO-07	-	-
28.4	1:19	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
47.7	1:52	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
67.6	2:13	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
88.1	2:35	Miscellaneous Water Level Sag	MWLS	-	-	-	20	WATER SAG	-	2
96.3	3:20	Access Point Cleanout Mainline	ACOM	-	-	-	-	SSCO-06	-	-

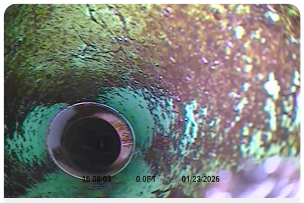
OBSERVATION SNAPSHOTS

DATE: 1/24/2026
PIPE SEG REF. SSCO-05 to SSCO-06
UP MH: SSCO-05
DOWN MH: SSCO-06



ACOM

0 ft



MWL

0 ft



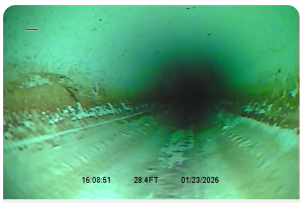
MGO

1.2 ft



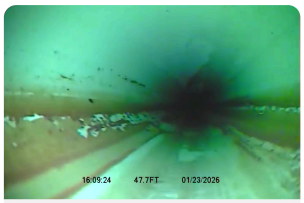
MGO

10.7 ft



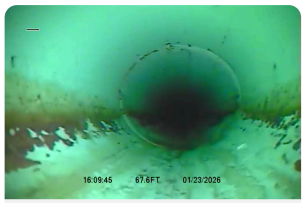
MGP

28.4 ft



MGP

47.7 ft



MGP

67.6 ft



MWLS 2

88.1 ft



ACOM

96.3 ft

RATINGS

DATE: 1/24/2026
PIPE SEG REF. SSCO-05 to SSCO-06
UP MH: SSCO-05
DOWN MH: SSCO-06

PIPE RATING INDEX	Overall	Structural	O&M
	2	2	

Sum of all graded conditions divided by the total number of conditions. 0-5 scale.

PIPE RATING	Overall	Structural	O&M
	2	2	0

Sum of all graded conditions.

QUICK RATING	Overall	Structural	O&M	Likelihood of Failure
	2 1 0 0	2 1 0 0	0 0 0 0	2.1

First digit is highest graded condition. Second digit is count of those conditions (A = 10-14, B = 15-19, etc.). Third digit is second-highest graded condition. Fourth digit is count of those conditions. LoF is Quick Rating divided by 10 (scale from 0-6).

FREQUENCY OF CONDITION GRADES	Grade	1	2	3	4	5
	#	0	1	0	0	0

Count of each condition grade in the inspection.

INSPECTION REPORT

January 24, 2026

Pipe Segment Reference: SSCO-04 to SSCO-05
Upstream MH: SSCO-04
Surveyed By: Uriel A Jimenez
Length Surveyed: 105.9
Material: PVC

INSPECTION HEADER

DATE: 1/24/2026
PIPE SEG REF. SSCO-04 to SSCO-05
UP MH: SSCO-04
DOWN MH: SSCO-05

SUMMARY

Inspection Date	Pipe Segment Reference	Surveyed By	Certificate Number
1/24/2026 12:00 AM	SSCO-04 to SSCO-05	Uriel A Jimenez	U-315-06023152
Project	**Street**	**Upstream MH**	**Downstream MH**
	Spruce Ave	SSCO-04	SSCO-05
Direction	**Pre-Cleaning**	**Total Length (ft)**	**Length Surveyed (ft)**
Downstream	Heavy Cleaning		105.9

ASSET

Height (in)	Shape	Material	Pipe Use
4	Circular	Polyvinyl Chloride	Sanitary Sewage Pipe

INSPECTION

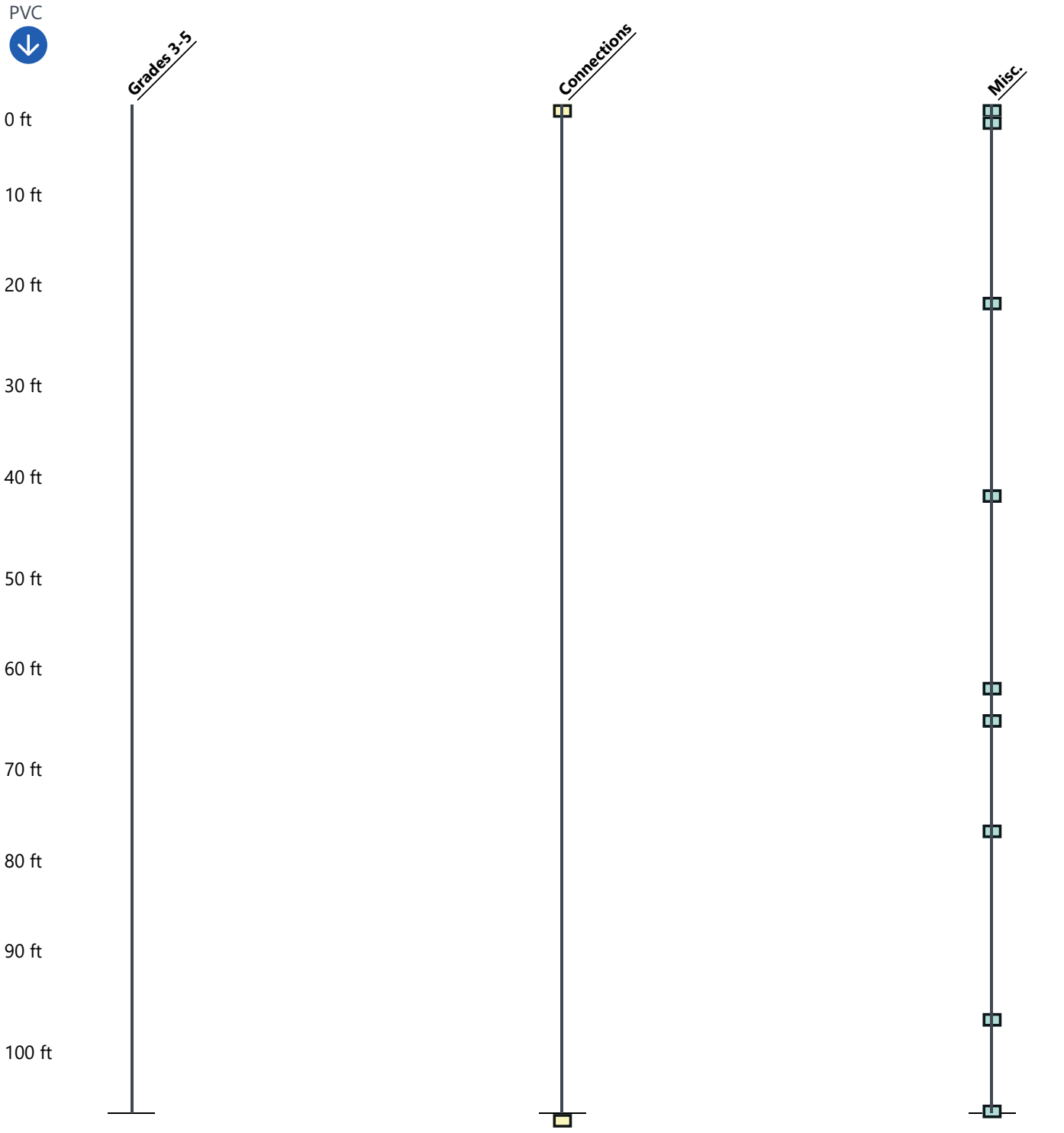
Inspection Time	City	Inspection Status	Date Cleaned
12:00 AM	South San Francisco, CA	CI	1/24/2026
In Feet (Imperial)			
Yes			

BESS

PACP INSPECTION REPORT

SMART DIAGRAM

DATE: 1/24/2026
PIPE SEG REF. SSCO-04 to SSCO-05
UP MH: SSCO-04
DOWN MH: SSCO-05



View on Pioneer Web

Generated By SewerAI

OBSERVATIONS

DATE: 1/24/2026
PIPE SEG REF. SSCO-04 to SSCO-05
UP MH: SSCO-04
DOWN MH: SSCO-05

Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:00	Access Point Cleanout Mainline	ACOM	-	-	-	-	SSCO-04	-	-
0	0:31	Miscellaneous Water Level	MWL	-	-	-	5	5%	-	-
1.2	0:35	Miscellaneous General Observatio...	MGO	-	-	-	-	SEWER TAP CONNECTION	-	-
20.1	1:12	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
40.4	1:37	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
60.6	2:04	Miscellaneous General Observatio...	MGO	-	-	-	-	1 O CLOCK BRANCH	-	-
63.9	2:13	Miscellaneous General Observatio...	MGO	-	-	-	-	PIPE BENDS TO THE LEFT	-	-
75.5	2:33	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
95.3	2:59	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
104.9	3:13	Miscellaneous General Observatio...	MGO	-	-	-	-	PIPE BENDS TO THE LEFT	-	-
105.9	3:24	Access Point Cleanout Mainline	ACOM	-	-	-	-	SSCO-05	-	-

OBSERVATION SNAPSHOTS

DATE: 1/24/2026
PIPE SEG REF. SSCO-04 to SSCO-05
UP MH: SSCO-04
DOWN MH: SSCO-05



ACOM

0 ft



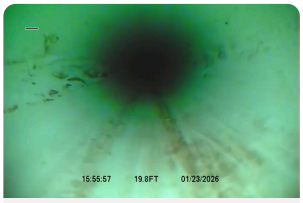
MWL

0 ft



MGO

1.2 ft



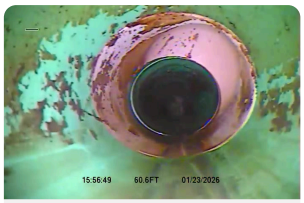
MGP

20.1 ft



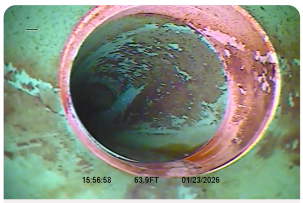
MGP

40.4 ft



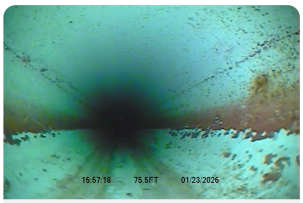
MGO

60.6 ft



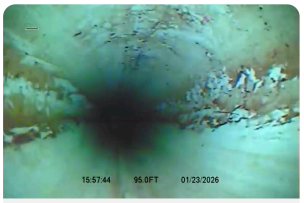
MGO

63.9 ft



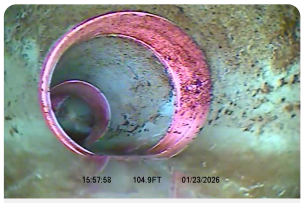
MGP

75.5 ft



MGP

95.3 ft



MGO

104.9 ft



ACOM

105.9 ft

RATINGS

DATE: 1/24/2026
PIPE SEG REF. SSCO-04 to SSCO-05
UP MH: SSCO-04
DOWN MH: SSCO-05

PIPE RATING INDEX	Overall	Structural	O&M

Sum of all graded conditions divided by the total number of conditions. 0-5 scale.

PIPE RATING	Overall	Structural	O&M
	0	0	0

Sum of all graded conditions.

QUICK RATING	Overall	Structural	O&M	Likelihood of Failure
	0 0 0 0	0 0 0 0	0 0 0 0	1

First digit is highest graded condition. Second digit is count of those conditions (A = 10-14, B = 15-19, etc.). Third digit is second-highest graded condition. Fourth digit is count of those conditions. LoF is Quick Rating divided by 10 (scale from 0-6).

FREQUENCY OF CONDITION GRADES	Grade	1	2	3	4	5
	#	0	0	0	0	0

Count of each condition grade in the inspection.

INSPECTION REPORT

January 24, 2026

Pipe Segment Reference: SSCO-06 to SSCO-08
Upstream MH: SSCO-06
Surveyed By: Uriel A Jimenez
Length Surveyed: 148.4
Material: PVC

INSPECTION HEADER

DATE: 1/24/2026
PIPE SEG REF. SSCO-06 to SSCO-08
UP MH: SSCO-06
DOWN MH: SSCO-08

SUMMARY

Inspection Date 1/24/2026 12:00 AM	**Pipe Segment Reference** SSCO-06 to SSCO-08	**Surveyed By** Uriel A Jimenez	**Certificate Number** U-315-06023152
Project	**Street** Spruce Ave	**Upstream MH** SSCO-06	**Downstream MH** SSCO-08
Direction Downstream	**Pre-Cleaning** Heavy Cleaning	**Total Length (ft)**	**Length Surveyed (ft)** 148.4

ASSET

Height (in) 4	**Shape** Circular	**Material** Polyvinyl Chloride	**Pipe Use** Sanitary Sewage Pipe

INSPECTION

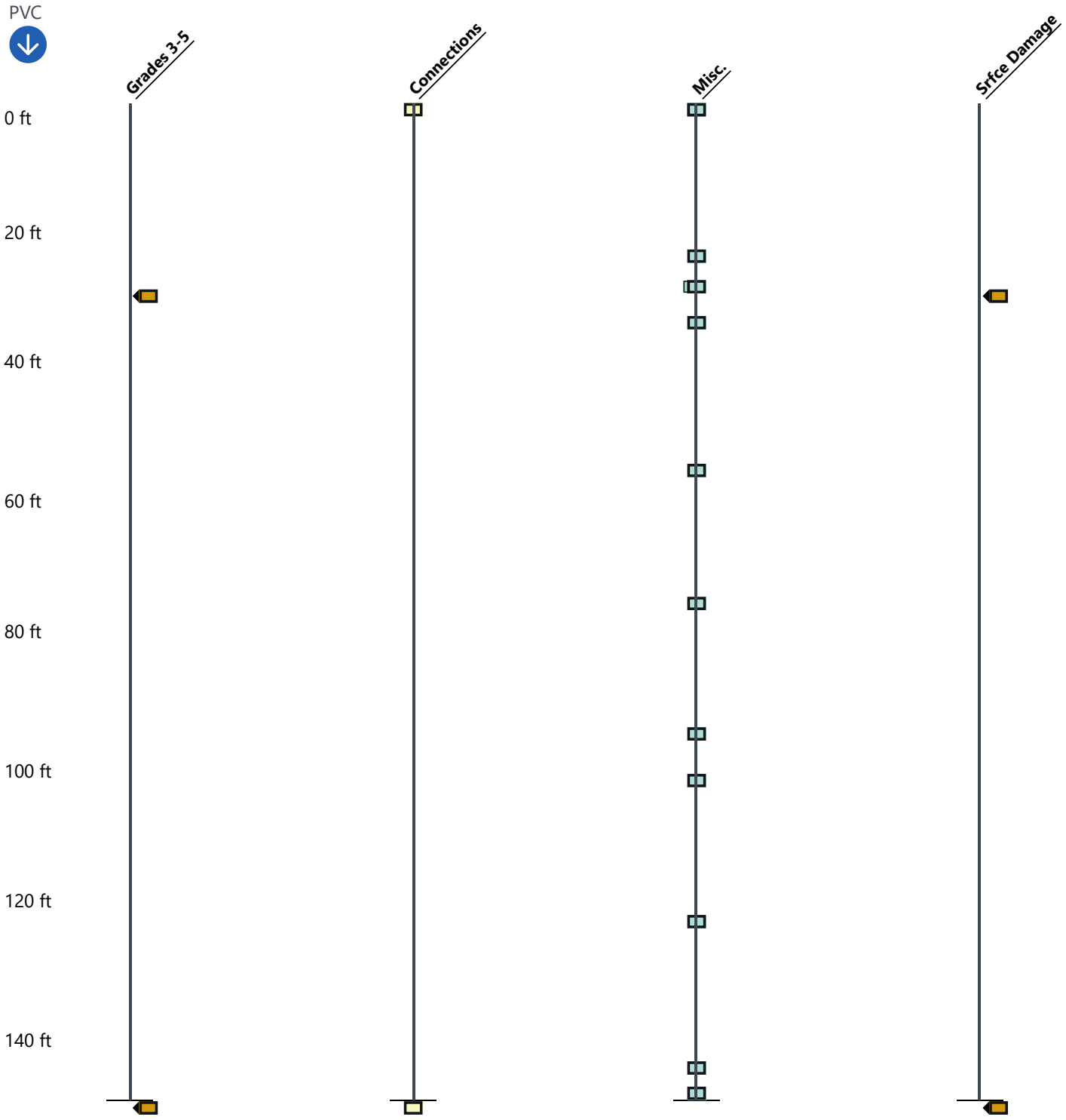
Inspection Time 12:00 AM	**City** South San Francisco, CA	**Inspection Status** CI	**Date Cleaned** 1/24/2026
In Feet (Imperial) Yes			

BESS

PACP INSPECTION REPORT

SMART DIAGRAM

DATE: 1/24/2026
PIPE SEG REF. SSCO-06 to SSCO-08
UP MH: SSCO-06
DOWN MH: SSCO-08



View on Pioneer Web

Generated By SewerAI

OBSERVATIONS

DATE: 1/24/2026
PIPE SEG REF. SSCO-06 to SSCO-08
UP MH: SSCO-06
DOWN MH: SSCO-08

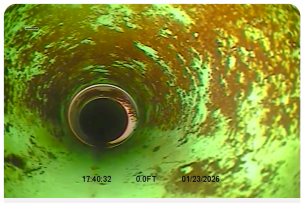
Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:00	Access Point Cleanout Mainline	AMZO	-	-	-	-	SSCO-06	-	-
0	0:32	Miscellaneous Water Level	MWL	-	-	-	5	5%	-	-
1.1	0:40	Miscellaneous General Observatio...	MGO	-	-	-	-	SSCO-05	-	-
21.8	1:38	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
26.3	1:49	Miscellaneous General Observatio...	MGO	-	-	-	-	PIPE BENDS TO THE LEFT	-	-
27.7	1:56	Miscellaneous Material Change	MMC	-	-	-	-	PIPE CHANGES FROM PVC TO CAST IRON	-	-
27.7	1:56	Miscellaneous General Observatio...	MGO	-	-	-	-	PIPE BENDS TO THE LEFT	-	-
27.7	1:56	Surface Damage Corrosion	SCP		-	-	-	START OF SURFACE DAMAGE: CORROSION	S01	3
31.7	2:12	Miscellaneous General Observatio...	MGO	-	-	-	-	PIPE BENDS TO THE RIGHT	-	-
53.5	3:38	Miscellaneous General Observatio...	MGO	-	-	-	-	PIPE BENDS TO THE LEFT	-	-
73.4	4:13	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
92.7	4:48	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
99.6	5:02	Miscellaneous General Observatio...	MGO	-	-	-	-	9 O CLOCK BRANCH	-	-
120.6	5:46	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
142.5	6:25	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
146.1	6:34	Miscellaneous General Observatio...	MGO	-	-	-	-	PIPE BENDS TO THE LEFT	-	-
148.4	7:07	Access Point Cleanout Mainline	AMZO	-	-	-	-	SSCO-08	-	-
148.4	6:58	Surface Damage Corrosion	SCP		-	-	-	END OF SURFACE DAMAGE: CORROSION	F01	3

OBSERVATION SNAPSHOTS

DATE: 1/24/2026
PIPE SEG REF. SSCO-06 to SSCO-08
UP MH: SSCO-06
DOWN MH: SSCO-08



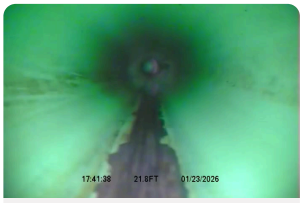
ACOM
0 ft



MWL
0 ft



MGO
1.1 ft



MGP
21.8 ft



MGO
26.3 ft



MMC
27.7 ft



MGO
27.7 ft



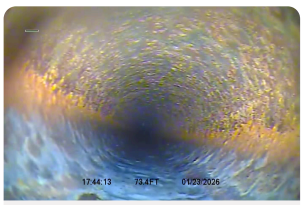
SCP 3
27.7 ft 12 - 12:00



MGO
31.7 ft



MGO
53.5 ft



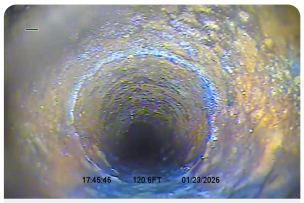
MGP
73.4 ft



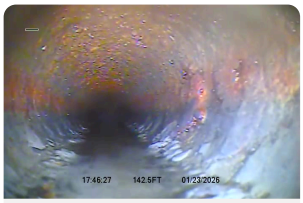
MGP
92.7 ft



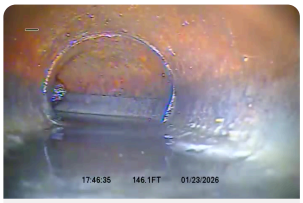
MGO
99.6 ft



MGP
120.6 ft



MGP
142.5 ft

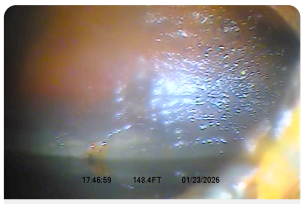


MGO
146.1 ft



ACOM

148.4 ft



SCP 3

148.4 ft 12 - 12:00

RATINGS

DATE: 1/24/2026
PIPE SEG REF. SSCO-06 to SSCO-08
UP MH: SSCO-06
DOWN MH: SSCO-08

PIPE RATING INDEX	Overall	Structural	O&M
	3	3	

Sum of all graded conditions divided by the total number of conditions. 0-5 scale.

PIPE RATING	Overall	Structural	O&M
	72	72	0

Sum of all graded conditions.

QUICK RATING	Overall	Structural	O&M	Likelihood of Failure
	3 C 0 0	3 C 0 0	0 0 0 0	4

First digit is highest graded condition. Second digit is count of those conditions (A = 10-14, B = 15-19, etc.). Third digit is second-highest graded condition. Fourth digit is count of those conditions. LoF is Quick Rating divided by 10 (scale from 0-6).

FREQUENCY OF CONDITION GRADES	Grade	1	2	3	4	5
	#	0	0	24	0	0

Count of each condition grade in the inspection.

INSPECTION REPORT

January 19, 2026

Pipe Segment Reference: SSMH-04 to SSCO-03
Upstream MH: SSCO-03
Surveyed By: Uriel A Jimenez
Length Surveyed: 233.3
Material: VCP

BESS

PACP INSPECTION REPORT

INSPECTION HEADER

DATE: 1/19/2026
PIPE SEG REF. SSMH-04 to SSCO-03
UP MH: SSCO-03
DOWN MH: SSMH-04

SUMMARY

Inspection Date 1/19/2026 2:44 PM	**Pipe Segment Reference** SSMH-04 to SSCO-03	**Surveyed By** Uriel A Jimenez	**Certificate Number** U-315-06023152
Project	**Street** Spruce Ave	**Upstream MH** SSCO-03	**Downstream MH** SSMH-04
Direction Upstream	**Pre-Cleaning** Heavy Cleaning	**Total Length (ft)**	**Length Surveyed (ft)** 233.3

ASSET

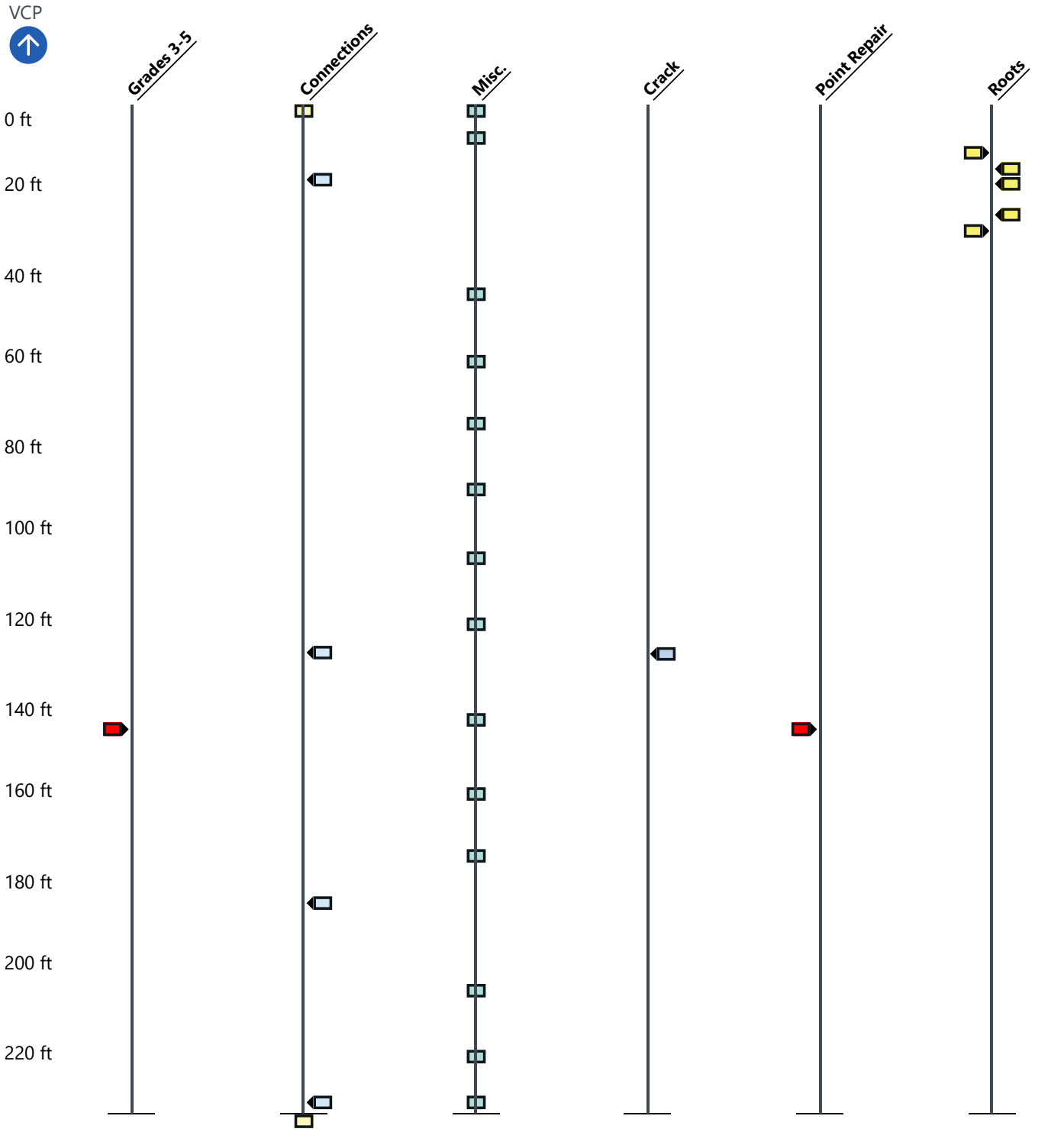
Height (in) 6	**Shape** Circular	**Material** Vitrified Clay Pipe	**Pipe Use** Sanitary Sewage Pipe

INSPECTION

Inspection Time 2:44 PM	**City** South San Francisco, CA	**Inspection Status** CI	**Date Cleaned** 1/19/2026
In Feet (Imperial) Yes			

SMART DIAGRAM

DATE: 1/19/2026
PIPE SEG REF. SSMH-04 to SSCO-03
UP MH: SSCO-03
DOWN MH: SSMH-04



View on Pioneer Web

Generated By SewerAI

BESS

PACP INSPECTION REPORT

OBSERVATIONS

DATE: 1/19/2026
PIPE SEG REF. SSMH-04 to SSCO-03
UP MH: SSCO-03
DOWN MH: SSMH-04

Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:00	Manhole	AMH	-	-	-	-	SSMH-04	-	-
0	0:06	Miscellaneous Water Level	MWL	-	-	-	5	5%	-	-
6	0:37	Miscellaneous General Photograph	MGP	-	-	-	-	6FT MARK	-	-
9.7	0:56	Roots Fine Joint	RFJ		-	-	-	FINE ROOTS AT JOINT	-	1
13.3	1:36	Roots Fine Joint	RFJ		-	-	-	FINE ROOTS AT JOINT	-	1
15.8	1:58	Tap Factory	TF		4	-	-	GYMNASIUM	-	-
16.6	2:25	Roots Fine Joint	RFJ		-	-	-	FINE ROOTS AT JOINT	-	1
23.9	2:58	Roots Fine Joint	RFJ		-	-	-	FINE ROOTS AT JOINT	-	1
27.5	3:32	Roots Fine Joint	RFJ		-	-	-	FINE ROOTS A JOINT	-	1
42.1	4:46	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
57.7	5:38	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
72.2	6:25	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
87.4	7:01	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
103.2	7:48	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
118.3	8:25	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
125.1	8:54	Tap Factory	TF		4	-	-	GYMNASIUM L2	-	-
125.3	9:10	Crack Circumferential	CC		-	-	-	CIRCUMFERENTIAL CRACK	-	1
140.4	10:17	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-

View on Pioneer Web

Generated By SewerAI

BESS

PACP INSPECTION REPORT

Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
142.8	10:34	Point Repair Patch Patch Defecti...	RPPD		-	-	-	REPAIR POINT DEFECT	-	4
157.7	11:16	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
172	11:56	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
182.7	12:29	Tap Factory	TF		4	-	-	SSCO-01	-	-
202.9	14:30	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
218.2	15:02	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
229	15:40	Tap Factory	TF		6	-	-	SSMH-05	-	-
229	15:57	Miscellaneous Shape/Size Change	MSC	-	4	-	-	PIPE REDUCES FROM 6" TO 4" DIAMETER	-	-
233.3	17:05	Access Point Cleanout Mainline	AMO	-	-	-	-	SSCO-03	-	-

View on Pioneer Web

Generated By SewerAI

OBSERVATION SNAPSHOTS

DATE: 1/19/2026
PIPE SEG REF. SSMH-04 to SSCO-03
UP MH: SSCO-03
DOWN MH: SSMH-04



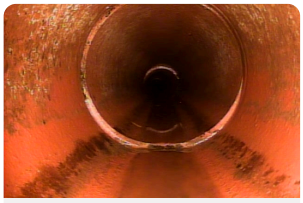
AMH

0 ft



MWL

0 ft



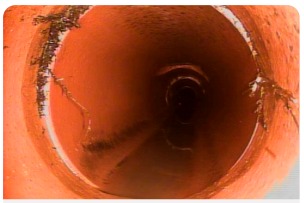
MGP

6 ft



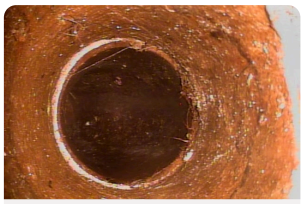
RFJ 1

9.7 ft 2 - 9:00



RFJ 1

13.3 ft 9 - 3:00



TF

15.8 ft 12:00



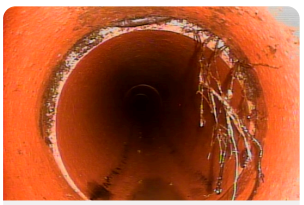
RFJ 1

16.6 ft 9 - 4:00



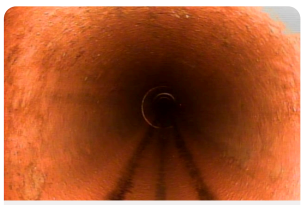
RFJ 1

23.9 ft 9 - 3:00



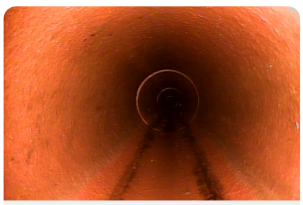
RFJ 1

27.5 ft 1 - 5:00



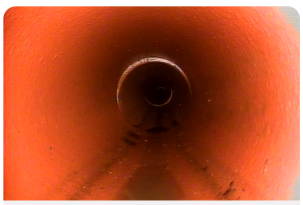
MGP

42.1 ft



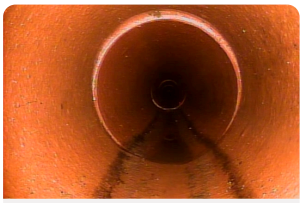
MGP

57.7 ft



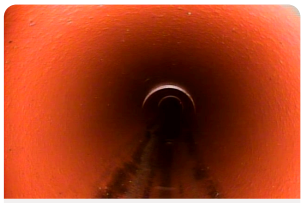
MGP

72.2 ft



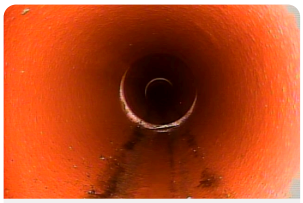
MGP

87.4 ft



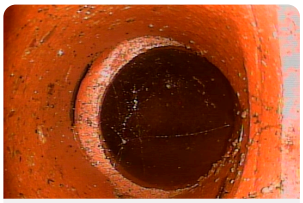
MGP

103.2 ft



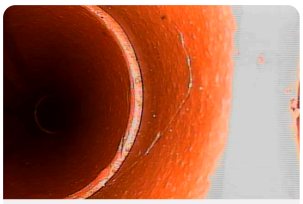
MGP

118.3 ft



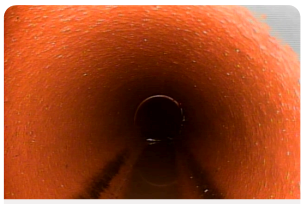
TF

125.1 ft 12:00



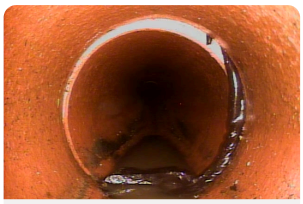
CC 1

125.3 ft 11 - 2:00



MGP

140.4 ft



RPPD 4

142.8 ft 2 - 7:00



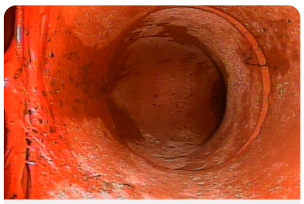
MGP

157.7 ft



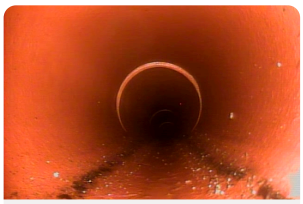
MGP

172 ft



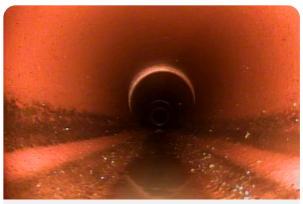
TF

182.7 ft 12:00



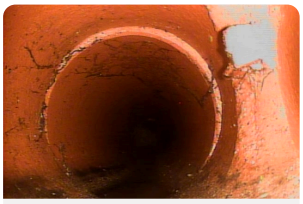
MGP

202.9 ft



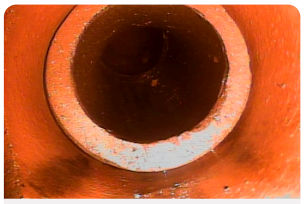
MGP

218.2 ft



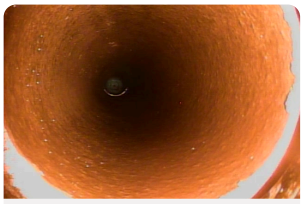
TF

229 ft 9:00



MSC

229 ft



ACOM

233.3 ft

RATINGS

DATE: 1/19/2026
PIPE SEG REF. SSMH-04 to SSCO-03
UP MH: SSCO-03
DOWN MH: SSMH-04

PIPE RATING INDEX	Overall	Structural	O&M
	1.4	2.5	1

Sum of all graded conditions divided by the total number of conditions. 0-5 scale.

PIPE RATING	Overall	Structural	O&M
	10	5	5

Sum of all graded conditions.

QUICK RATING	Overall	Structural	O&M	Likelihood of Failure
	41 16	41 11	15 00	4.1

First digit is highest graded condition. Second digit is count of those conditions (A = 10-14, B = 15-19, etc.). Third digit is second-highest graded condition. Fourth digit is count of those conditions. LoF is Quick Rating divided by 10 (scale from 0-6).

FREQUENCY OF CONDITION GRADES	Grade	1	2	3	4	5
	#	6	0	0	1	0

Count of each condition grade in the inspection.

INSPECTION REPORT

January 19, 2026

Pipe Segment Reference: SSMH-02 to SSMH-01
Upstream MH: SSMH-02
Surveyed By: Uriel A Jimenez
Length Surveyed: 18.5
Material: VCP

BESS

PACP INSPECTION REPORT

INSPECTION HEADER

DATE: 1/19/2026
PIPE SEG REF. SSMH-02 to SSMH-01
UP MH: SSMH-02
DOWN MH: SSMH-01

SUMMARY

Inspection Date	Pipe Segment Reference	Surveyed By	Certificate Number
1/19/2026 12:11 PM	SSMH-02 to SSMH-01	Uriel A Jimenez	U-315-06023152
Project	**Street**	**Upstream MH**	**Downstream MH**
	Spruce Ave	SSMH-02	SSMH-01
Direction	**Pre-Cleaning**	**Total Length (ft)**	**Length Surveyed (ft)**
Downstream	Heavy Cleaning		18.5

ASSET

Height (in)	Shape	Material	Pipe Use
6	Circular	Vitrified Clay Pipe	Sanitary Sewage Pipe

INSPECTION

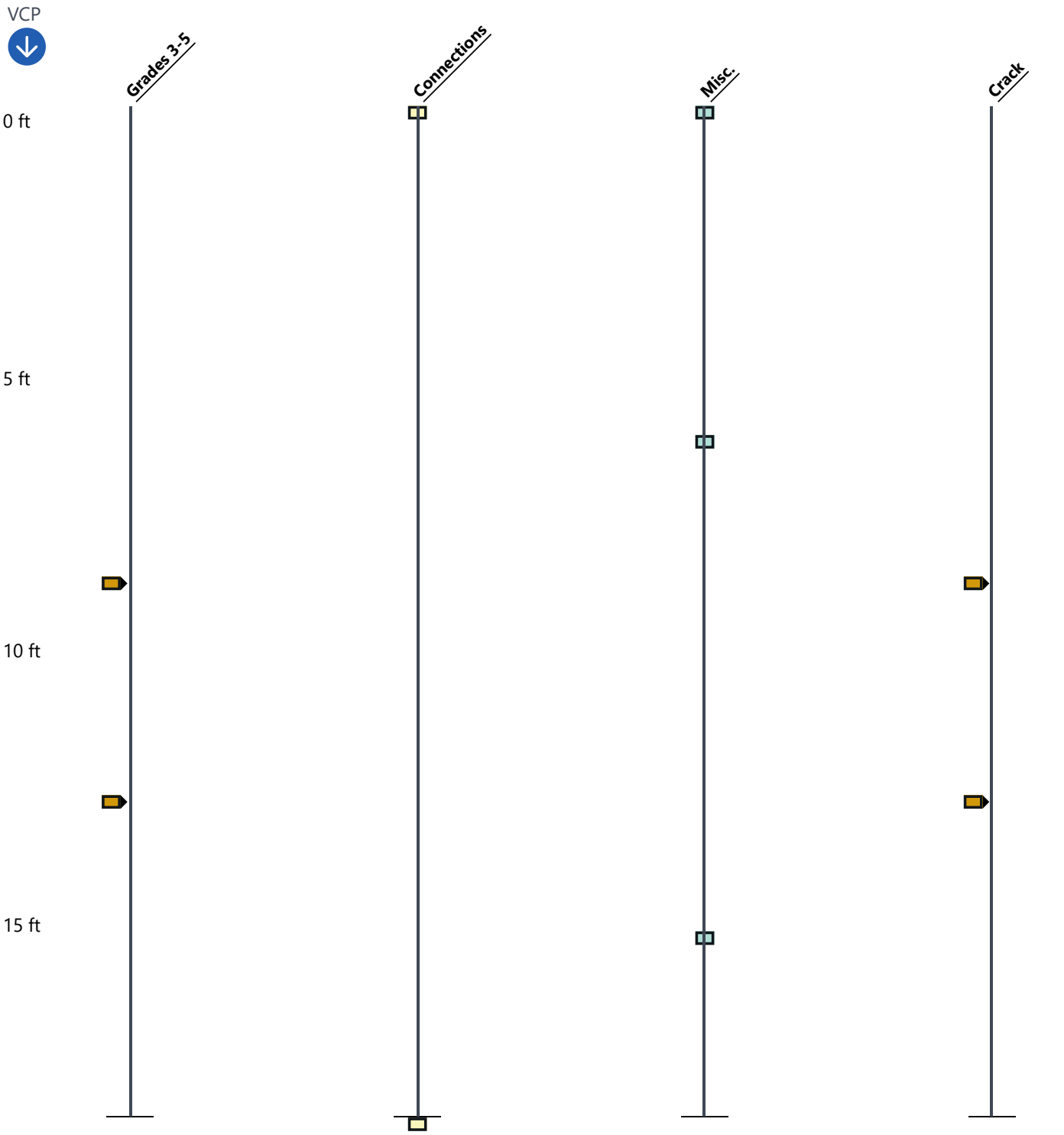
Inspection Time	City	Inspection Status	Date Cleaned
12:11 PM	South San Francisco, CA	CI	1/19/2026
In Feet (Imperial)			
Yes			

BESS

PACP INSPECTION REPORT

SMART DIAGRAM

DATE: 1/19/2026
PIPE SEG REF. SSMH-02 to SSMH-01
UP MH: SSMH-02
DOWN MH: SSMH-01



View on Pioneer Web

Generated By SewerAI

OBSERVATIONS

DATE: 1/19/2026
PIPE SEG REF. SSMH-02 to SSMH-01
UP MH: SSMH-02
DOWN MH: SSMH-01

Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:00	Manhole	AMH	-	-	-	-	SSMH-02	-	-
0	0:04	Miscellaneous Water Level	MWL	-	-	-	5	5%	-	-
6	0:33	Miscellaneous General Observatio...	MGO	-	-	-	-	6FT MARK	-	-
8.6	0:58	Crack Multiple	CM		-	-	-	MULTIPLE CRACKS	S01	3
12.6	1:33	Crack Multiple	CM		-	-	-	MULTIPLE CRACKS	F01	3
15.1	1:44	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
18.5	2:21	Manhole	AMH	-	-	-	-	SSMH-01	-	-

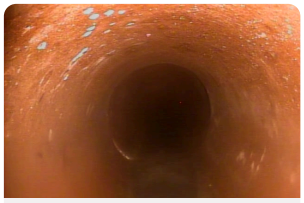
OBSERVATION SNAPSHOTS

DATE: 1/19/2026
PIPE SEG REF. SSMH-02 to SSMH-01
UP MH: SSMH-02
DOWN MH: SSMH-01



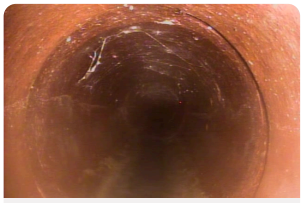
AMH

0 ft



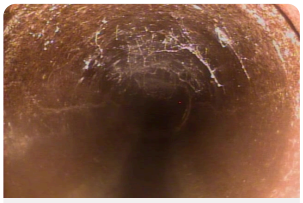
MWL

0 ft



MGO

6 ft



CM 3

8.6 ft 3 - 9:00



CM 3

12.6 ft 3 - 9:00



MGP

15.1 ft



AMH

18.5 ft

RATINGS

DATE: 1/19/2026
PIPE SEG REF. SSMH-02 to SSMH-01
UP MH: SSMH-02
DOWN MH: SSMH-01

PIPE RATING INDEX	Overall	Structural	O&M
	3	3	

Sum of all graded conditions divided by the total number of conditions. 0-5 scale.

PIPE RATING	Overall	Structural	O&M
	3	3	0

Sum of all graded conditions.

QUICK RATING	Overall	Structural	O&M	Likelihood of Failure
	3 1 0 0	3 1 0 0	0 0 0 0	3.1

First digit is highest graded condition. Second digit is count of those conditions (A = 10-14, B = 15-19, etc.). Third digit is second-highest graded condition. Fourth digit is count of those conditions. LoF is Quick Rating divided by 10 (scale from 0-6).

FREQUENCY OF CONDITION GRADES	Grade	1	2	3	4	5
	#	0	0	1	0	0

Count of each condition grade in the inspection.

INSPECTION REPORT

January 19, 2026

Pipe Segment Reference: SSCO-02 to SSMH-02
Upstream MH: SSCO-02
Surveyed By: Uriel A Jimenez
Length Surveyed: 201.8
Material: PVC

INSPECTION HEADER

DATE: 1/19/2026
PIPE SEG REF. SSCO-02 to SSMH-02
UP MH: SSCO-02
DOWN MH: SSMH-02

SUMMARY

Inspection Date	Pipe Segment Reference	Surveyed By	Certificate Number
1/19/2026 12:10 PM	SSCO-02 to SSMH-02	Uriel A Jimenez	U-315-06023152
Project	**Street**	**Upstream MH**	**Downstream MH**
	Spruce Ave	SSCO-02	SSMH-02
Direction	**Pre-Cleaning**	**Total Length (ft)**	**Length Surveyed (ft)**
Downstream	Heavy Cleaning		201.8

ASSET

Height (in)	Shape	Material	Pipe Use
4	Circular	Polyvinyl Chloride	Sanitary Sewage Pipe

INSPECTION

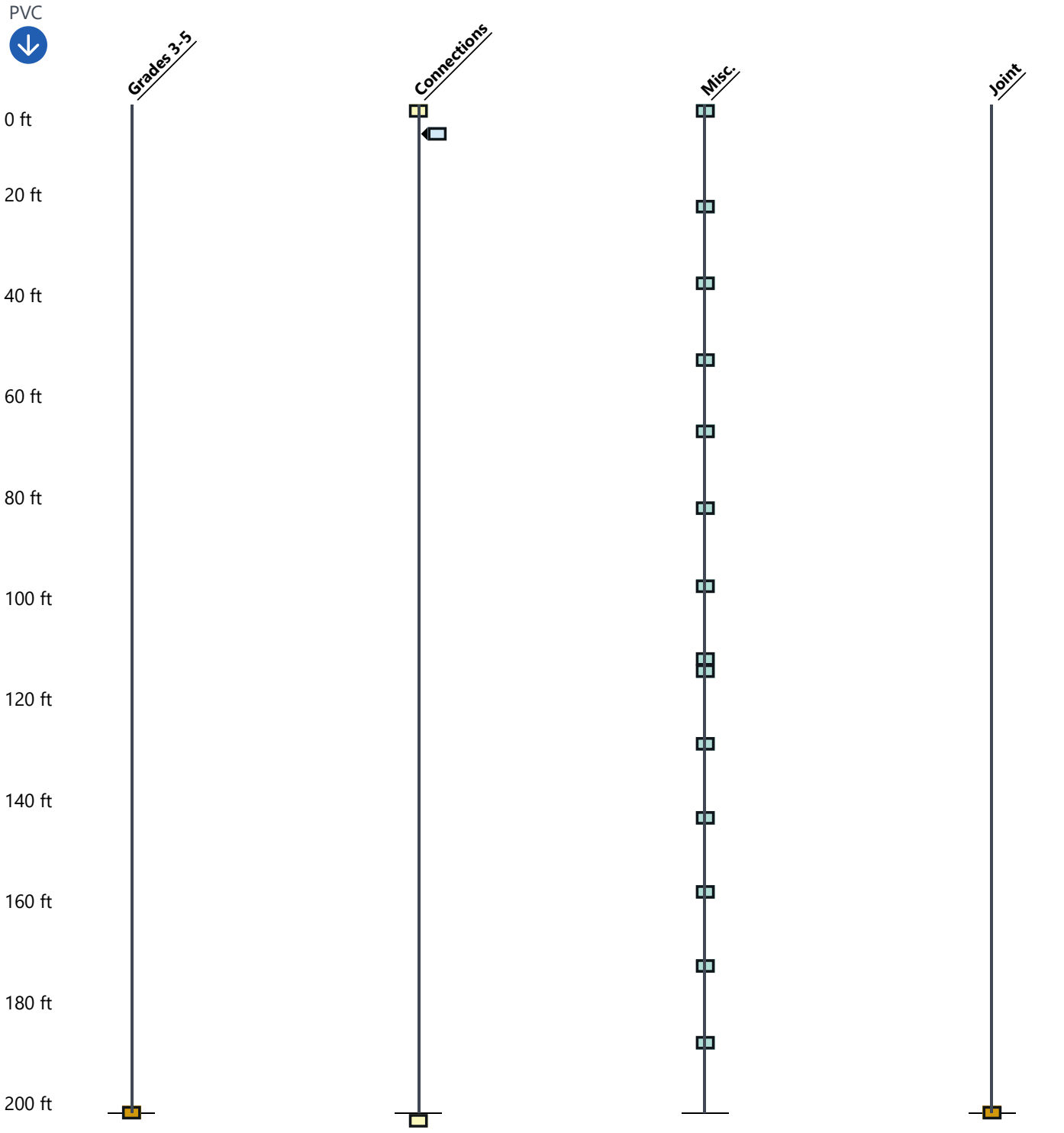
Inspection Time	City	Inspection Status	Date Cleaned
12:10 PM	South San Francisco, CA	CI	1/19/2026
In Feet (Imperial)			
Yes			

BESS

PACP INSPECTION REPORT

SMART DIAGRAM

DATE: 1/19/2026
PIPE SEG REF. SSCO-02 to SSMH-02
UP MH: SSCO-02
DOWN MH: SSMH-02



View on Pioneer Web

Generated By SewerAI

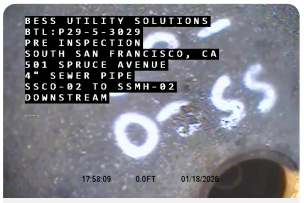
OBSERVATIONS

DATE: 1/19/2026
PIPE SEG REF. SSCO-02 to SSMH-02
UP MH: SSCO-02
DOWN MH: SSMH-02

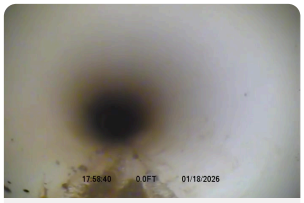
Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:00	Access Point Cleanout Mainline	ACOM	-	-	-	-	SSCO-02	-	-
0	0:31	Miscellaneous Water Level	MWL	-	-	-	5	5%	-	-
4.4	0:49	Tap Factory Activity	TFA		4	-	-	OFFICE BUILDING	-	-
19	1:15	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
34.3	1:35	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
49.7	1:48	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
64	2:02	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
79.4	2:17	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
94.8	2:32	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
109.5	2:50	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
111.9	2:57	Miscellaneous General Observatio...	MGO	-	-	-	-	PIPE BENDS TO THE LEFT	-	-
126.5	3:20	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
141.2	3:40	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
156.1	4:02	Miscellaneous General Observatio...	MGO	-	-	-	-	PIPE BENDS TO THE RIGHT	-	-
170.8	4:24	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
186.1	4:43	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
200	5:02	Joint Offset Medium	JOM	-	3	9	-	JOINT OFFSET	-	3
201.8	5:21	Manhole	AMH	-	-	-	-	SSMH-02	-	-

OBSERVATION SNAPSHOTS

DATE: 1/19/2026
PIPE SEG REF. SSCO-02 to SSMH-02
UP MH: SSCO-02
DOWN MH: SSMH-02



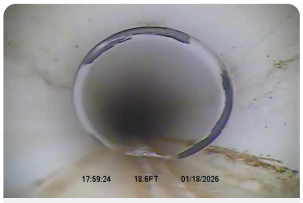
ACOM
0 ft



MWL
0 ft



TFA
4.4 ft 9:00



MGP
19 ft



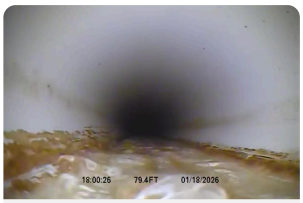
MGP
34.3 ft



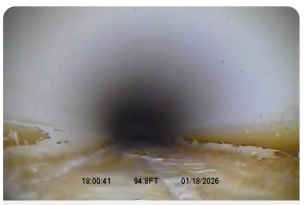
MGP
49.7 ft



MGP
64 ft



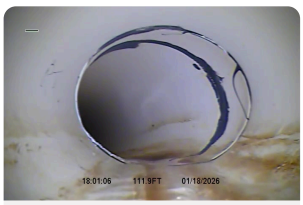
MGP
79.4 ft



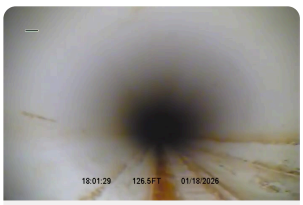
MGP
94.8 ft



MGP
109.5 ft



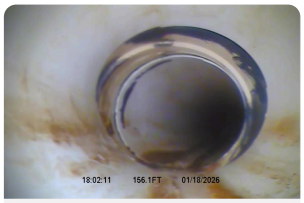
MGO
111.9 ft



MGP
126.5 ft



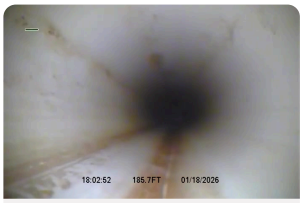
MGP
141.2 ft



MGO
156.1 ft



MGP
170.8 ft



MGP
186.1 ft



JOM 3

200 ft



AMH

201.8 ft

RATINGS

DATE: 1/19/2026
PIPE SEG REF. SSCO-02 to SSMH-02
UP MH: SSCO-02
DOWN MH: SSMH-02

PIPE RATING INDEX	Overall	Structural	O&M
	3	3	

Sum of all graded conditions divided by the total number of conditions. 0-5 scale.

PIPE RATING	Overall	Structural	O&M
	3	3	0

Sum of all graded conditions.

QUICK RATING	Overall	Structural	O&M	Likelihood of Failure
	3 1 0 0	3 1 0 0	0 0 0 0	3.1

First digit is highest graded condition. Second digit is count of those conditions (A = 10-14, B = 15-19, etc.). Third digit is second-highest graded condition. Fourth digit is count of those conditions. LoF is Quick Rating divided by 10 (scale from 0-6).

FREQUENCY OF CONDITION GRADES	Grade	1	2	3	4	5
	#	0	0	1	0	0

Count of each condition grade in the inspection.

INSPECTION REPORT

January 19, 2026

Pipe Segment Reference: SSMH-02 to SSMH-03
Upstream MH: SSMH-03
Surveyed By: Uriel A Jimenez
Length Surveyed: 148.7 **MSA**
Material: VCP

INSPECTION HEADER

DATE: 1/19/2026
PIPE SEG REF. SSMH-02 to SSMH-03
UP MH: SSMH-03
DOWN MH: SSMH-02

SUMMARY

Inspection Date 1/19/2026 11:38 AM	**Pipe Segment Reference** SSMH-02 to SSMH-03	**Surveyed By** Uriel A Jimenez	**Certificate Number** U-315-06023152
Project	**Street** Spruce Ave	**Upstream MH** SSMH-03	**Downstream MH** SSMH-02
Direction Upstream	**Pre-Cleaning** Heavy Cleaning	**Total Length (ft)**	**Length Surveyed (ft)** 148.7

ASSET

Height (in) 6	**Shape** Circular	**Material** Vitrified Clay Pipe	**Pipe Use** Sanitary Sewage Pipe

INSPECTION

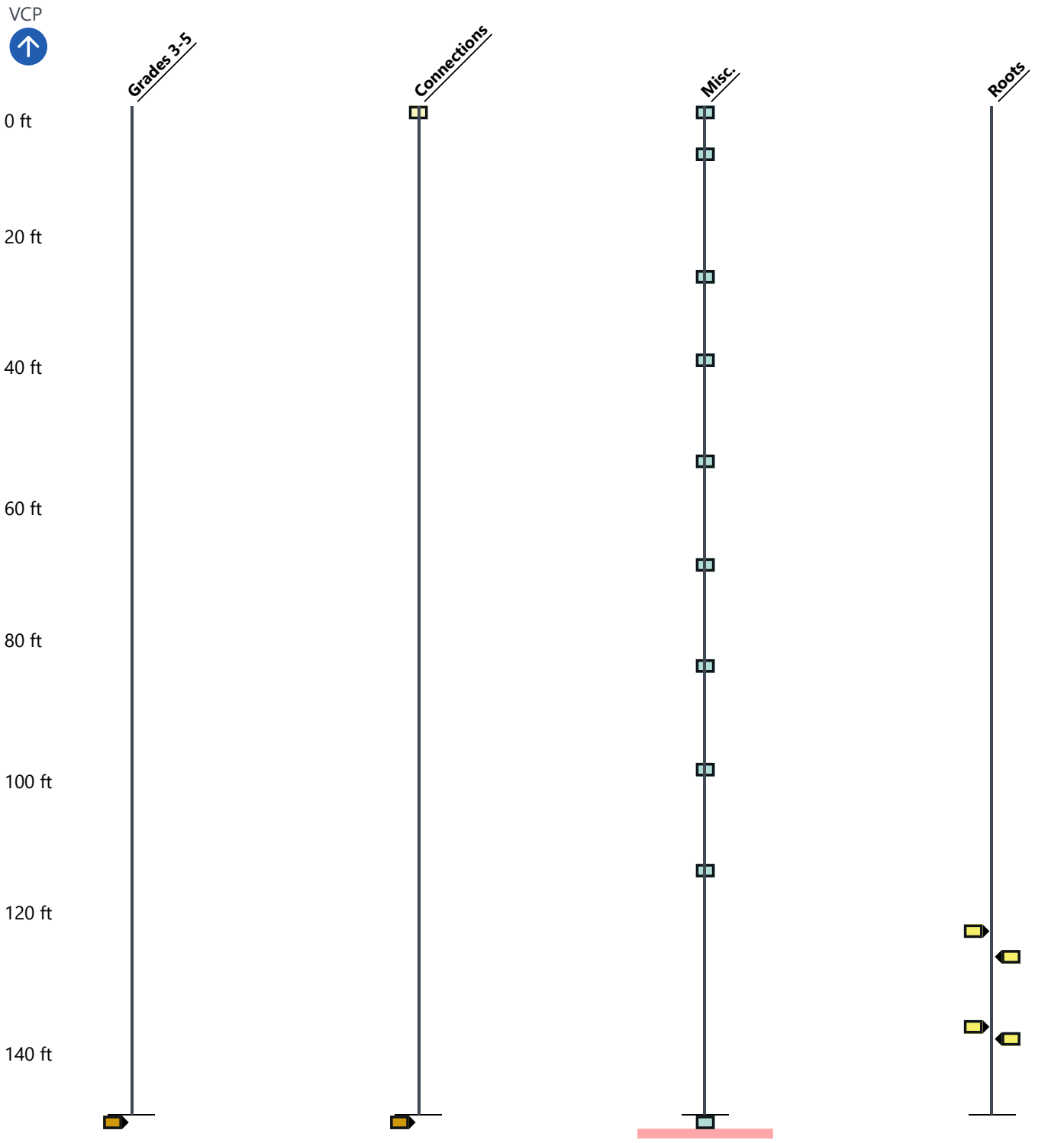
Inspection Time 11:38 AM	**City** South San Francisco, CA	**Inspection Status** CI	**Date Cleaned** 1/19/2026
In Feet (Imperial) Yes			

BESS

PACP INSPECTION REPORT

SMART DIAGRAM

DATE: 1/19/2026
PIPE SEG REF. SSMH-02 to SSMH-03
UP MH: SSMH-03
DOWN MH: SSMH-02



View on Pioneer Web

Generated By SewerAI

BESS

PACP INSPECTION REPORT

OBSERVATIONS

DATE: 1/19/2026
PIPE SEG REF. SSMH-02 to SSMH-03
UP MH: SSMH-03
DOWN MH: SSMH-02

Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:00	Manhole	AMH	-	-	-	-	SSMH-02	-	-
0	0:06	Miscellaneous Water Level	MWL	-	-	-	5	5%	-	-
6	0:52	Miscellaneous General Obse rvatio...	MGO	-	-	-	-	6FT MARK	-	-
24.2	2:03	Miscellaneous General Phot ograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
36.4	2:46	Miscellaneous General Phot ograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
51.3	3:34	Miscellaneous General Phot ograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
66.6	4:12	Miscellaneous General Phot ograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
81.4	5:02	Miscellaneous General Phot ograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
96.6	5:48	Miscellaneous General Phot ograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
111.5	6:37	Miscellaneous General Phot ograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
120.5	7:06	Roots Fine Joint	RFJ		-	-	-	FINE ROOTS AT JOINT	-	1
124.3	7:22	Roots Fine Joint	RFJ		-	-	-	FINE ROOTS AT JOINT	-	1
134.5	7:56	Roots Fine Joint	RFJ		-	-	-	FINE ROOTS AT JOINT	-	1
136.3	8:06	Roots Fine Joint	RFJ		-	-	-	FINE ROOTS AT JOINT	-	1
148.7	9:22	Tap Break-in Intruding	TBI		4	1	-	465 PARK WAY	-	3
148.7	9:35	Miscellaneous Survey Aband oned	MSA	-	-	-	-	OUTSIDE WORK AREA, INSPECTION COMPLETE	-	-

BESS

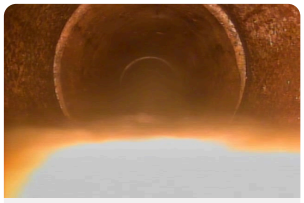
PACP INSPECTION REPORT

OBSERVATION SNAPSHOTS

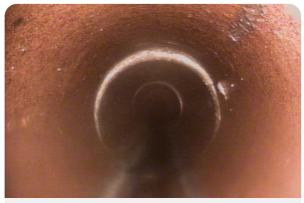
DATE: 1/19/2026
PIPE SEG REF. SSMH-02 to SSMH-03
UP MH: SSMH-03
DOWN MH: SSMH-02



AMH
0 ft



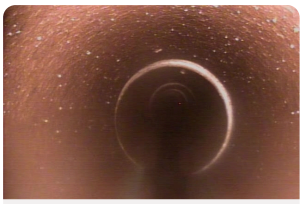
MWL
0 ft



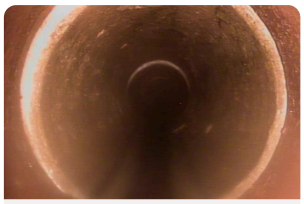
MGO
6 ft



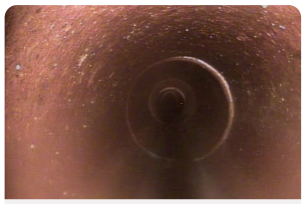
MGP
24.2 ft



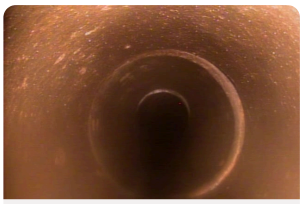
MGP
36.4 ft



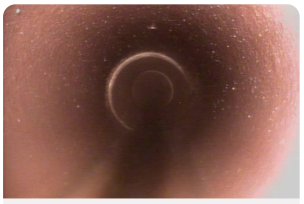
MGP
51.3 ft



MGP
66.6 ft



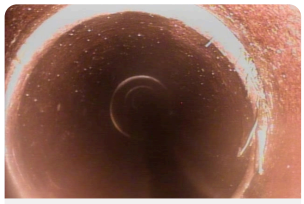
MGP
81.4 ft



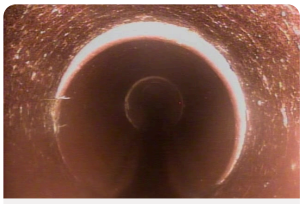
MGP
96.6 ft



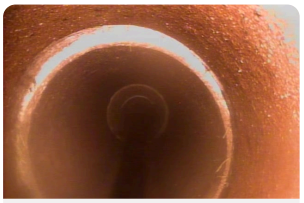
MGP
111.5 ft



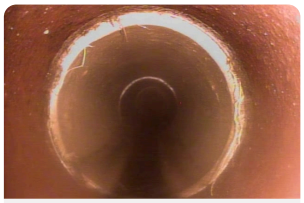
RFJ 1
120.5 ft 2 - 4:00



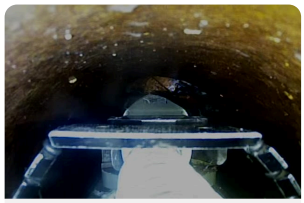
RFJ 1
124.3 ft 8 - 9:00



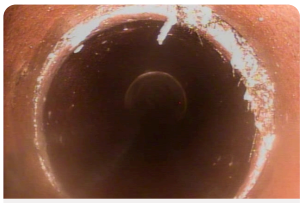
RFJ 1
134.5 ft 3 - 4:00



RFJ 1
136.3 ft 10 - 5:00



TBI 3
148.7 ft 2:00



MSA
148.7 ft

RATINGS

DATE: 1/19/2026
PIPE SEG REF. SSMH-02 to SSMH-03
UP MH: SSMH-03
DOWN MH: SSMH-02

PIPE RATING INDEX	Overall	Structural	O&M
	1.4		1.4

Sum of all graded conditions divided by the total number of conditions. 0-5 scale.

PIPE RATING	Overall	Structural	O&M
	7	0	7

Sum of all graded conditions.

QUICK RATING	Overall	Structural	O&M	Likelihood of Failure
	3 1 1 4	0 0 0 0	3 1 1 4	3.1

First digit is highest graded condition. Second digit is count of those conditions (A = 10-14, B = 15-19, etc.). Third digit is second-highest graded condition. Fourth digit is count of those conditions. LoF is Quick Rating divided by 10 (scale from 0-6).

FREQUENCY OF CONDITION GRADES	Grade	1	2	3	4	5
	#	4	0	1	0	0

Count of each condition grade in the inspection.

INSPECTION REPORT

July 24, 2025

Pipe Segment Reference: SSCO-01 to Main_
Upstream MH: SSCO-01
Surveyed By: Uriel A Jimenez
Length Surveyed: 86.5
Material: CAS

BESS

PACP INSPECTION REPORT

INSPECTION HEADER

DATE: 7/24/2025
PIPE SEG REF. SSCO-01 to Main_
UP MH: SSCO-01
DOWN MH: Main

SUMMARY

Inspection Date 7/24/2025 12:00 AM	**Pipe Segment Reference** SSCO-01 to Main_	**Surveyed By** Uriel A Jimenez	**Certificate Number** U-315-06023152
Project	**Street** Spruce Ave	**Upstream MH** SSCO-01	**Downstream MH** Main
Direction Downstream	**Pre-Cleaning** Heavy Cleaning	**Total Length (ft)**	**Length Surveyed (ft)** 86.5

ASSET

Height (in) 6	**Shape** Circular	**Material** Cast Iron	**Pipe Use** Sanitary Sewage Pipe

INSPECTION

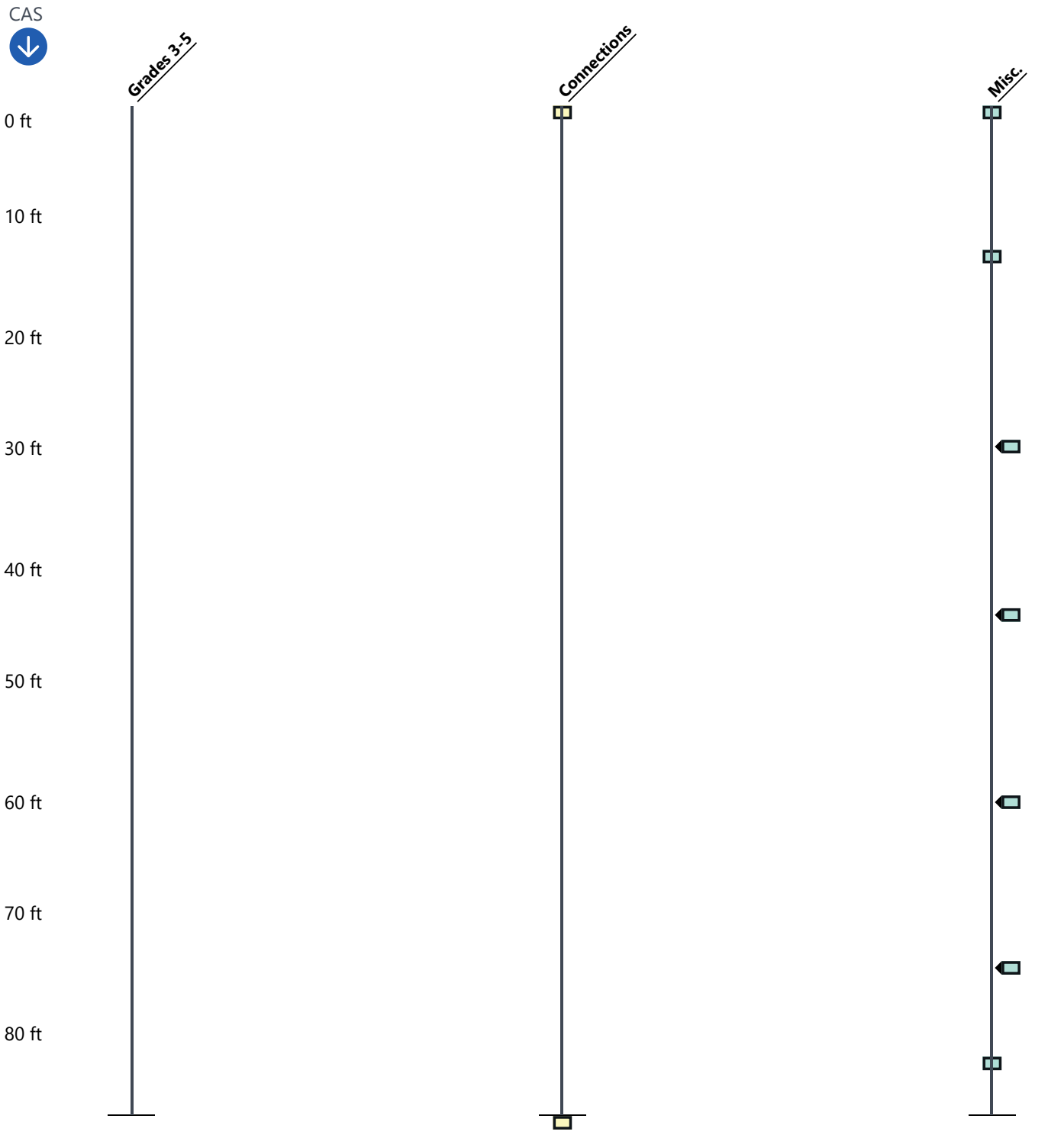
Inspection Time 12:00 AM	**City** South San Francisco, CA	**Inspection Status** CI	**Date Cleaned** 7/24/2025
In Feet (Imperial) Yes			

BESS

PACP INSPECTION REPORT

SMART DIAGRAM

DATE: 7/24/2025
PIPE SEG REF. SSCO-01 to Main_
UP MH: SSCO-01
DOWN MH: Main



View on Pioneer Web

Generated By SewerAI

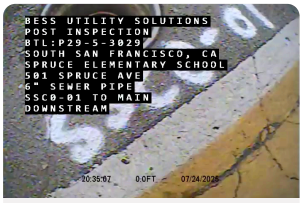
OBSERVATIONS

DATE: 7/24/2025
PIPE SEG REF. SSCO-01 to Main_
UP MH: SSCO-01
DOWN MH: Main

Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:00	Access Point Cleanout Mainline	ACOM	-	-	-	-	SSCO-01	-	-
0	0:24	Miscellaneous Water Level	MWL	-	-	-	-	0%	-	-
12.3	0:53	Miscellaneous General Observatio...	MGO	-	-	-	-	PIPE BENDS TO THE RIGHT	-	-
28.6	1:23	Miscellaneous General Photograph	MGP		-	-	-	GENERAL PHOTO	-	-
43	1:46	Miscellaneous General Photograph	MGP		-	-	-	GENERAL PHOTO	-	-
59	2:12	Miscellaneous General Photograph	MGP		-	-	-	GENERAL PHOTO	-	-
73.2	2:35	Miscellaneous General Photograph	MGP		-	-	-	GENERAL PHOTO	-	-
81.4	2:48	Miscellaneous General Observatio...	MGO	-	-	-	-	PIPE BENDS DOWNWARDS	-	-
86.5	3:15	Access Point End of Pipe	AEP	-	-	-	-	Main	-	-

OBSERVATION SNAPSHOTS

DATE: 7/24/2025
PIPE SEG REF. SSCO-01 to Main_
UP MH: SSCO-01
DOWN MH: Main



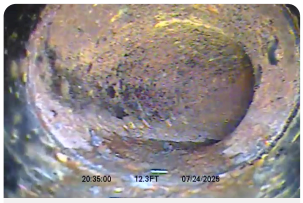
ACOM

0 ft



MWL

0 ft



MGO

12.3 ft



MGP

28.6 ft 12 - 12:00



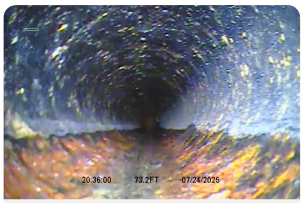
MGP

43 ft 12 - 12:00



MGP

59 ft 12 - 12:00



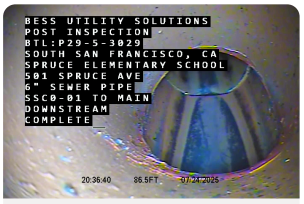
MGP

73.2 ft 12 - 12:00



MGO

81.4 ft



AEP

86.5 ft

BESS

RATINGS

DATE: 7/24/2025
PIPE SEG REF. SSCO-01 to Main_
UP MH: SSCO-01
DOWN MH: Main

PIPE RATING INDEX	Overall	Structural	O&M

Sum of all graded conditions divided by the total number of conditions. 0-5 scale.

PIPE RATING	Overall	Structural	O&M
	0	0	0

Sum of all graded conditions.

QUICK RATING	Overall	Structural	O&M	Likelihood of Failure
	0 0 0 0	0 0 0 0	0 0 0 0	1

First digit is highest graded condition. Second digit is count of those conditions (A = 10-14, B = 15-19, etc.). Third digit is second-highest graded condition. Fourth digit is count of those conditions. LoF is Quick Rating divided by 10 (scale from 0-6).

FREQUENCY OF CONDITION GRADES	Grade	1	2	3	4	5
	#	0	0	0	0	0

Count of each condition grade in the inspection.

INSPECTION REPORT

July 24, 2025

Pipe Segment Reference: DI-08 to DI-09
Upstream MH: DI-08
Surveyed By: Uriel A Jimenez
Length Surveyed: 91.6
Material: CMP

BESS

PACP INSPECTION REPORT

INSPECTION HEADER

DATE: 7/24/2025
PIPE SEG REF. DI-08 to DI-09
UP MH: DI-08
DOWN MH: DI-09

SUMMARY

Inspection Date	Pipe Segment Reference	Surveyed By	Certificate Number
7/24/2025 12:00 AM	DI-08 to DI-09	Uriel A Jimenez	U-315-06023152
Project	**Street**	**Upstream MH**	**Downstream MH**
	Spruce Ave	DI-08	DI-09
Direction	**Pre-Cleaning**	**Total Length (ft)**	**Length Surveyed (ft)**
Downstream	Heavy Cleaning		91.6

ASSET

Height (in)	Shape	Material	Pipe Use
8	Circular	Corrugated Metal Pipe	Stormwater Pipe

INSPECTION

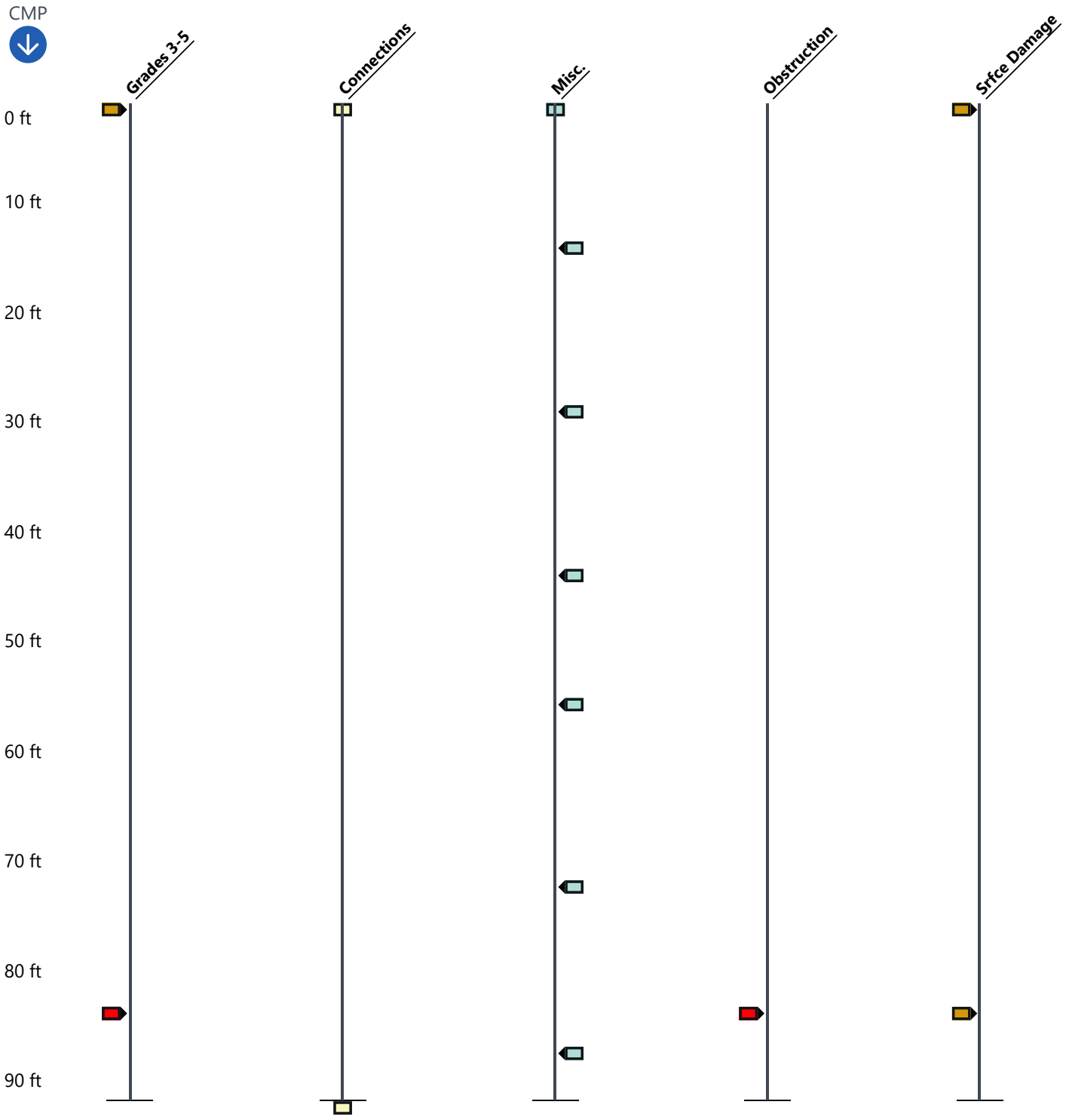
Inspection Time	City	Inspection Status	Date Cleaned
12:00 AM	South San Francisco, CA	CI	7/24/2025
In Feet (Imperial)			
Yes			

BESS

PACP INSPECTION REPORT

SMART DIAGRAM

DATE: 7/24/2025
PIPE SEG REF. DI-08 to DI-09
UP MH: DI-08
DOWN MH: DI-09



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OBSERVATIONS

DATE: 7/24/2025
PIPE SEG REF. DI-08 to DI-09
UP MH: DI-08
DOWN MH: DI-09

Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:00	Access Point Catch Basin	ACB	-	-	-	-	DI-08	-	-
0	0:07	Miscellaneous Water Level	MWL	-	-	-	-	0%	-	-
0	0:07	Surface Damage Corrosion	SCP		-	-	-	SURFACE CORROSION AT BOTTOM OF STORM PIPELINE	S01	3
12.7	0:23	Miscellaneous General Photograph	MGP		-	-	-	GENERAL PHOTO	-	-
27.7	0:42	Miscellaneous General Photograph	MGP		-	-	-	GENERAL PHOTO	-	-
42.7	1:13	Miscellaneous General Photograph	MGP		-	-	-	GENERAL PHOTO	-	-
54.6	1:33	Miscellaneous General Photograph	MGP		-	-	-	GENERAL PHOTO	-	-
71.3	2:08	Miscellaneous General Photograph	MGP		-	-	-	GENERAL PHOTO	-	-
82.9	2:43	Obstruction Other	OBZ		-	-	40	DEBRIS AT BOTTOM OF STORM PIPELINE	-	5
82.9	2:43	Surface Damage Corrosion	SCP		-	-	-	END OF SURFACE CORROSION AT BOTTOM OF STORM PIPELINE	F01	3
86.6	2:52	Miscellaneous General Photograph	MGP		-	-	-	GENERAL PHOTO	-	-
91.6	3:33	Access Point Junction Box	AJB	-	-	-	-	DI-09	-	-

OBSERVATION SNAPSHOTS

DATE: 7/24/2025
PIPE SEG REF. DI-08 to DI-09
UP MH: DI-08
DOWN MH: DI-09



ACB
0 ft



MWL
0 ft



SCP 3
0 ft 4 - 8:00



MGP
12.7 ft 12 - 12:00



MGP
27.7 ft 12 - 12:00



MGP
42.7 ft 12 - 12:00



MGP
54.6 ft 12 - 12:00



MGP
71.3 ft 12 - 12:00



OBZ 5
82.9 ft 4 - 8:00



SCP 3
82.9 ft 4 - 8:00



MGP
86.6 ft 12 - 12:00



AJB
91.6 ft

RATINGS

DATE: 7/24/2025
PIPE SEG REF. DI-08 to DI-09
UP MH: DI-08
DOWN MH: DI-09

PIPE RATING INDEX	Overall	Structural	O&M
	3.1	3	5

Sum of all graded conditions divided by the total number of conditions. 0-5 scale.

PIPE RATING	Overall	Structural	O&M
	56	51	5

Sum of all graded conditions.

QUICK RATING	Overall	Structural	O&M	Likelihood of Failure
	5 1 3 B	3 B 0 0	5 1 0 0	5.1

First digit is highest graded condition. Second digit is count of those conditions (A = 10-14, B = 15-19, etc.). Third digit is second-highest graded condition. Fourth digit is count of those conditions. LoF is Quick Rating divided by 10 (scale from 0-6).

FREQUENCY OF CONDITION GRADES	Grade	1	2	3	4	5
	#	0	0	17	0	1

Count of each condition grade in the inspection.

INSPECTION REPORT

July 24, 2025

Pipe Segment Reference: DI-06 to DI-03
Upstream MH: DI-06
Surveyed By: Uriel A Jimenez
Length Surveyed: 48.9
Material: VCP

BESS

PACP INSPECTION REPORT

INSPECTION HEADER

DATE: 7/24/2025
PIPE SEG REF. DI-06 to DI-03
UP MH: DI-06
DOWN MH: DI-03

SUMMARY

Inspection Date 7/24/2025 12:00 AM	**Pipe Segment Reference** DI-06 to DI-03	**Surveyed By** Uriel A Jimenez	**Certificate Number** U-315-06023152
Project	**Street** Spruce Ave	**Upstream MH** DI-06	**Downstream MH** DI-03
Direction Downstream	**Pre-Cleaning** Heavy Cleaning	**Total Length (ft)**	**Length Surveyed (ft)** 48.9

ASSET

Height (in) 4	**Shape** Circular	**Material** Vitrified Clay Pipe	**Pipe Use** Stormwater Pipe

INSPECTION

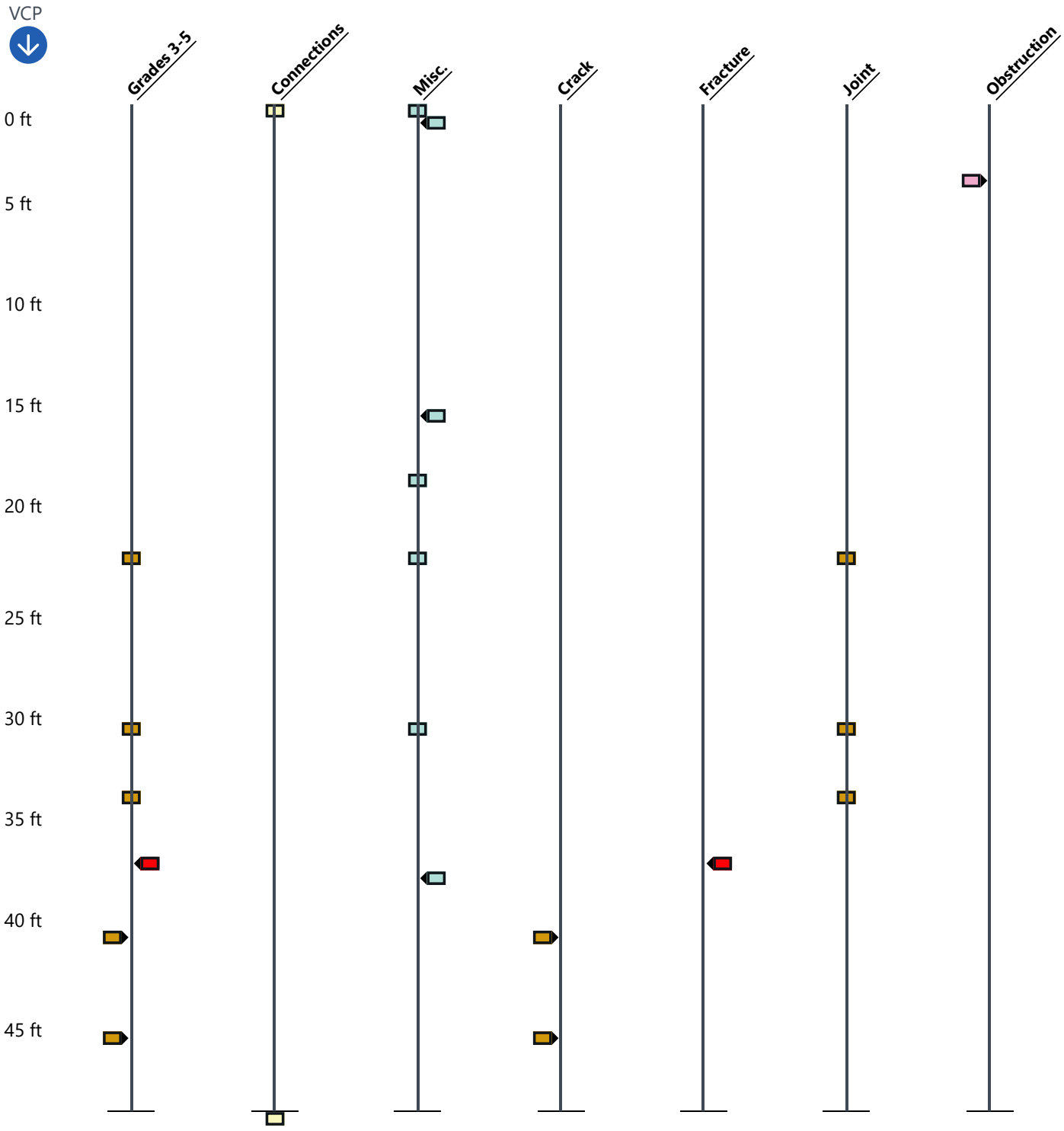
Inspection Time 12:00 AM	**City** South San Francisco, CA	**Inspection Status** CI	**Date Cleaned** 7/24/2025
In Feet (Imperial) Yes			

BESS

PACP INSPECTION REPORT

SMART DIAGRAM

DATE: 7/24/2025
PIPE SEG REF. DI-06 to DI-03
UP MH: DI-06
DOWN MH: DI-03



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PACP INSPECTION REPORT

OBSERVATIONS

DATE: 7/24/2025
PIPE SEG REF. DI-06 to DI-03
UP MH: DI-06
DOWN MH: DI-03

Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:00	Access Point Catch Basin	ACB	-	-	-	-	DI-06	-	-
0	0:07	Miscellaneous Water Level	MWL	-	-	-	-	0%	-	-
0	0:10	Miscellaneous General Obs ervatio...	MGO	-	-	-	-	PIPE BENDS TO THE RIGHT TOWARDS DI-03	-	-
0.6	0:22	Miscellaneous General Phot ograph	MGP		-	-	-	GENERAL PHOTO	-	-
3.4	0:31	Obstruction Other	OBZ		-	-	5	DEBRIS AT BOTTOM OF PIPELINE	-	2
14.8	1:00	Miscellaneous General Phot ograph	MGP		-	-	-	GENERAL PHOTO	-	-
17.9	1:09	Miscellaneous General Obs ervatio...	MGO	-	-	-	-	PIPE BENDS DOWNWARDS	-	-
21.7	1:14	Joint Offset Medium	JOM	-	-	-	-	JOINT OFFSET	-	3
21.7	1:14	Miscellaneous Material Cha nge	MMC	-	-	-	-	PIPE MATERIAL CHANGES FROM VCP T O PVC	-	-
30	1:34	Miscellaneous Material Cha nge	MMC	-	-	-	-	PIPE MATERIAL CHANGES FROM PVC T O VCP	-	-
30	1:34	Joint Offset Medium	JOM	-	-	-	-	JOINT OFFSET	-	3
33.3	1:45	Joint Offset Medium	JOM	-	-	-	-	JOINT OFFSET	-	3
36.5	1:54	Fracture Longitudinal Hing e, 4	FH4		-	-	-	MAJOR FRACTURE PIPE HINGES, NEAR ING COLLAPSE	-	4
36.5	1:57	Fracture Multiple	FM		-	-	-	MULTIPLE FRACTURES IN PIPELINE	-	4
37.2	2:01	Miscellaneous General Phot ograph	MGP		-	-	-	GENERAL PHOTO	-	-
40.1	2:07	Crack Multiple	CM		-	-	-	MULTIPLE LONGITUDINAL CRACKS	-	3
45	2:14	Crack Multiple	CM		-	-	-	MULTIPLE CRACKS NEAR JOINT	-	3
48.9	2:45	Access Point Catch Basin	ACB	-	-	-	-	DI-03	-	-

View on Pioneer Web

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OBSERVATION SNAPSHOTS

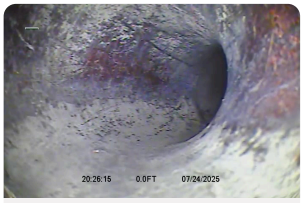
DATE: 7/24/2025
PIPE SEG REF. DI-06 to DI-03
UP MH: DI-06
DOWN MH: DI-03



ACB
0 ft



MWL
0 ft



MGO
0 ft



MGP
0.6 ft 12 - 12:00



OBZ 2
3.4 ft 5 - 7:00



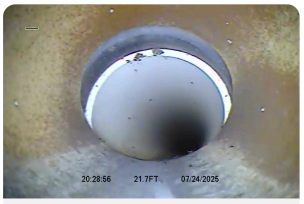
MGP
14.8 ft 12 - 12:00



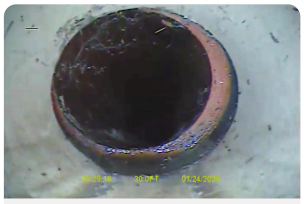
MGO
17.9 ft



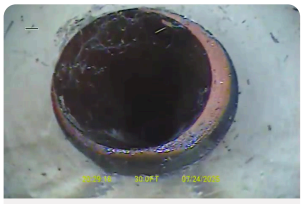
JOM 3
21.7 ft



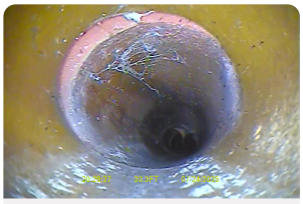
MMC
21.7 ft



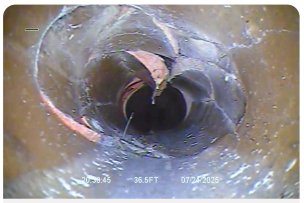
MMC
30 ft



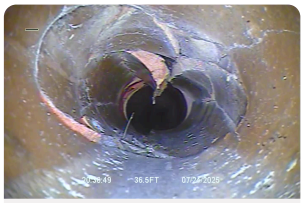
JOM 3
30 ft



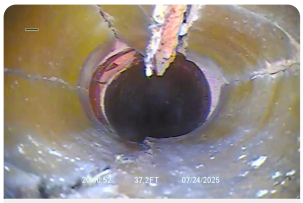
JOM 3
33.3 ft



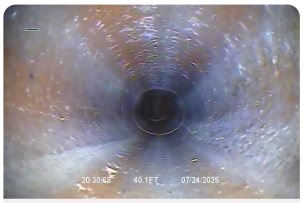
FH4 4
36.5 ft 12 - 12:00



FM 4
36.5 ft 12 - 12:00



MGP
37.2 ft 12 - 12:00

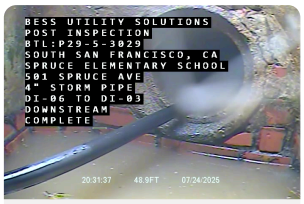


CM 3
40.1 ft 4 - 8:00



CM 3

45 ft 1 - 7:00



ACB

48.9 ft

RATINGS

DATE: 7/24/2025
PIPE SEG REF. DI-06 to DI-03
UP MH: DI-06
DOWN MH: DI-03

PIPE RATING INDEX	Overall	Structural	O&M
	3.1	3.3	2

Sum of all graded conditions divided by the total number of conditions. 0-5 scale.

PIPE RATING	Overall	Structural	O&M
	25	23	2

Sum of all graded conditions.

QUICK RATING	Overall	Structural	O&M	Likelihood of Failure
	4 2 3 5	4 2 3 5	2 1 0 0	4.2

First digit is highest graded condition. Second digit is count of those conditions (A = 10-14, B = 15-19, etc.). Third digit is second-highest graded condition. Fourth digit is count of those conditions. LoF is Quick Rating divided by 10 (scale from 0-6).

FREQUENCY OF CONDITION GRADES	Grade	1	2	3	4	5
	#	0	1	5	2	0

Count of each condition grade in the inspection.

INSPECTION REPORT

July 24, 2025

Pipe Segment Reference: DI-05 to DI-07
Upstream MH: DI-05
Surveyed By: Uriel A Jimenez
Length Surveyed: 20.6
Material: RCP

BESS

PACP INSPECTION REPORT

INSPECTION HEADER

DATE: 7/24/2025
PIPE SEG REF. DI-05 to DI-07
UP MH: DI-05
DOWN MH: DI-07

SUMMARY

Inspection Date 7/24/2025 12:00 AM	**Pipe Segment Reference** DI-05 to DI-07	**Surveyed By** Uriel A Jimenez	**Certificate Number** U-315-06023152
Project	**Street** Spruce Ave	**Upstream MH** DI-05	**Downstream MH** DI-07
Direction Downstream	**Pre-Cleaning** Heavy Cleaning	**Total Length (ft)**	**Length Surveyed (ft)** 20.6

ASSET

Height (in) 10	**Shape** Circular	**Material** Reinforced Concrete Pipe	**Pipe Use** Stormwater Pipe

INSPECTION

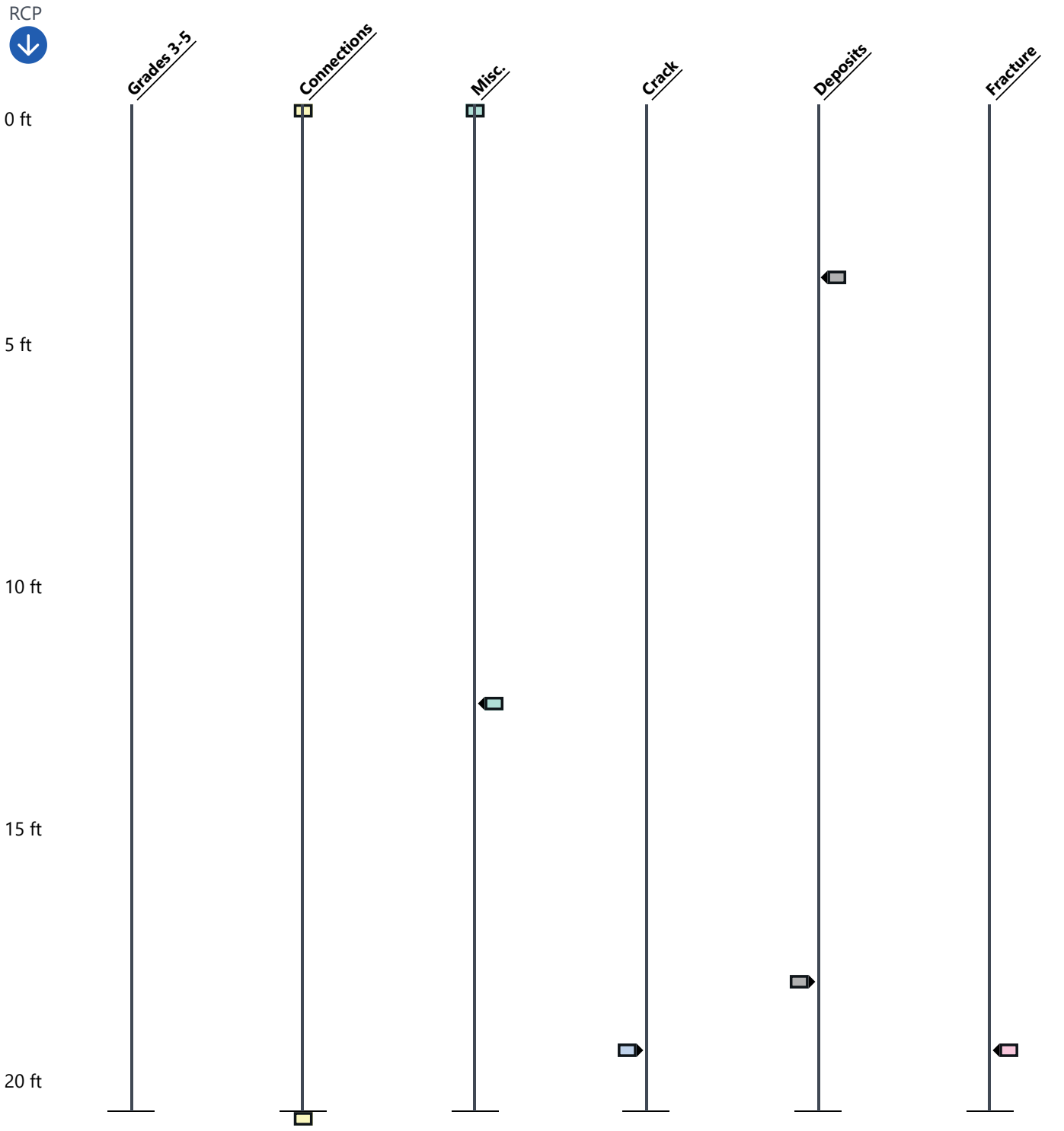
Inspection Time 12:00 AM	**City** South San Francisco, CA	**Inspection Status** CI	**Date Cleaned** 7/24/2025
In Feet (Imperial) Yes			

BESS

PACP INSPECTION REPORT

SMART DIAGRAM

DATE: 7/24/2025
PIPE SEG REF. DI-05 to DI-07
UP MH: DI-05
DOWN MH: DI-07



View on Pioneer Web

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PACP INSPECTION REPORT

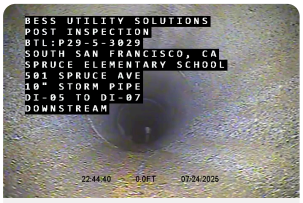
OBSERVATIONS

DATE: 7/24/2025
PIPE SEG REF. DI-05 to DI-07
UP MH: DI-05
DOWN MH: DI-07

Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:00	Access Point Catch Basin	ACB	-	-	-	-	DI-05	-	-
0	0:07	Miscellaneous Water Level	MWL	-	-	-	-	0%	-	-
3.4	0:15	Deposits Attached Other	DAZ		-	-	5	DEPOSIT AT JOINT	-	2
12.1	0:36	Miscellaneous General Photo graph	MGP		-	-	-	GENERAL PHOTO	-	-
17.8	0:50	Deposits Attached Other	DAZ		-	-	5	DEPOSIT AT JOINT	-	2
19.2	0:59	Fracture Circumferential	FC		-	-	-	FRACTURE NEAR END OF PIPELINE	-	2
19.2	0:59	Crack Circumferential	CC		-	-	-	CIRCUMFERENTIAL CRACK NEAR EN D OF PIPE	-	1
20.6	1:11	Access Point Catch Basin	ACB	-	-	-	-	DI-07	-	-

OBSERVATION SNAPSHOTS

DATE: 7/24/2025
PIPE SEG REF. DI-05 to DI-07
UP MH: DI-05
DOWN MH: DI-07



ACB

0 ft



MWL

0 ft



DAZ 2

3.4 ft 6 - 9:00



MGP

12.1 ft 12 - 12:00



DAZ 2

17.8 ft 4 - 8:00



FC 2

19.2 ft 12 - 3:00



CC 1

19.2 ft 3 - 12:00



ACB

20.6 ft

RATINGS

DATE: 7/24/2025
PIPE SEG REF. DI-05 to DI-07
UP MH: DI-05
DOWN MH: DI-07

PIPE RATING INDEX	Overall	Structural	O&M
	1.8	1.5	2

Sum of all graded conditions divided by the total number of conditions. 0-5 scale.

PIPE RATING	Overall	Structural	O&M
	7	3	4

Sum of all graded conditions.

QUICK RATING	Overall	Structural	O&M	Likelihood of Failure
	23 11	21 11	22 00	2.3

First digit is highest graded condition. Second digit is count of those conditions (A = 10-14, B = 15-19, etc.). Third digit is second-highest graded condition. Fourth digit is count of those conditions. LoF is Quick Rating divided by 10 (scale from 0-6).

FREQUENCY OF CONDITION GRADES	Grade	1	2	3	4	5
	#	1	3	0	0	0

Count of each condition grade in the inspection.

INSPECTION REPORT

July 24, 2025

Pipe Segment Reference: DI-05 to DI-04
Upstream MH: DI-04
Surveyed By: Uriel A Jimenez
Length Surveyed: 57.7
Material: RCP

BESS

PACP INSPECTION REPORT

INSPECTION HEADER

DATE: 7/24/2025
PIPE SEG REF. DI-05 to DI-04
UP MH: DI-04
DOWN MH: DI-05

SUMMARY

Inspection Date	Pipe Segment Reference	Surveyed By	Certificate Number
7/24/2025 12:00 AM	DI-05 to DI-04	Uriel A Jimenez	U-315-06023152
Project	**Street**	**Upstream MH**	**Downstream MH**
	Spruce Ave	DI-04	DI-05
Direction	**Pre-Cleaning**	**Total Length (ft)**	**Length Surveyed (ft)**
Upstream	Heavy Cleaning		57.7

ASSET

Height (in)	Shape	Material	Pipe Use
10	Circular	Reinforced Concrete Pipe	Stormwater Pipe

INSPECTION

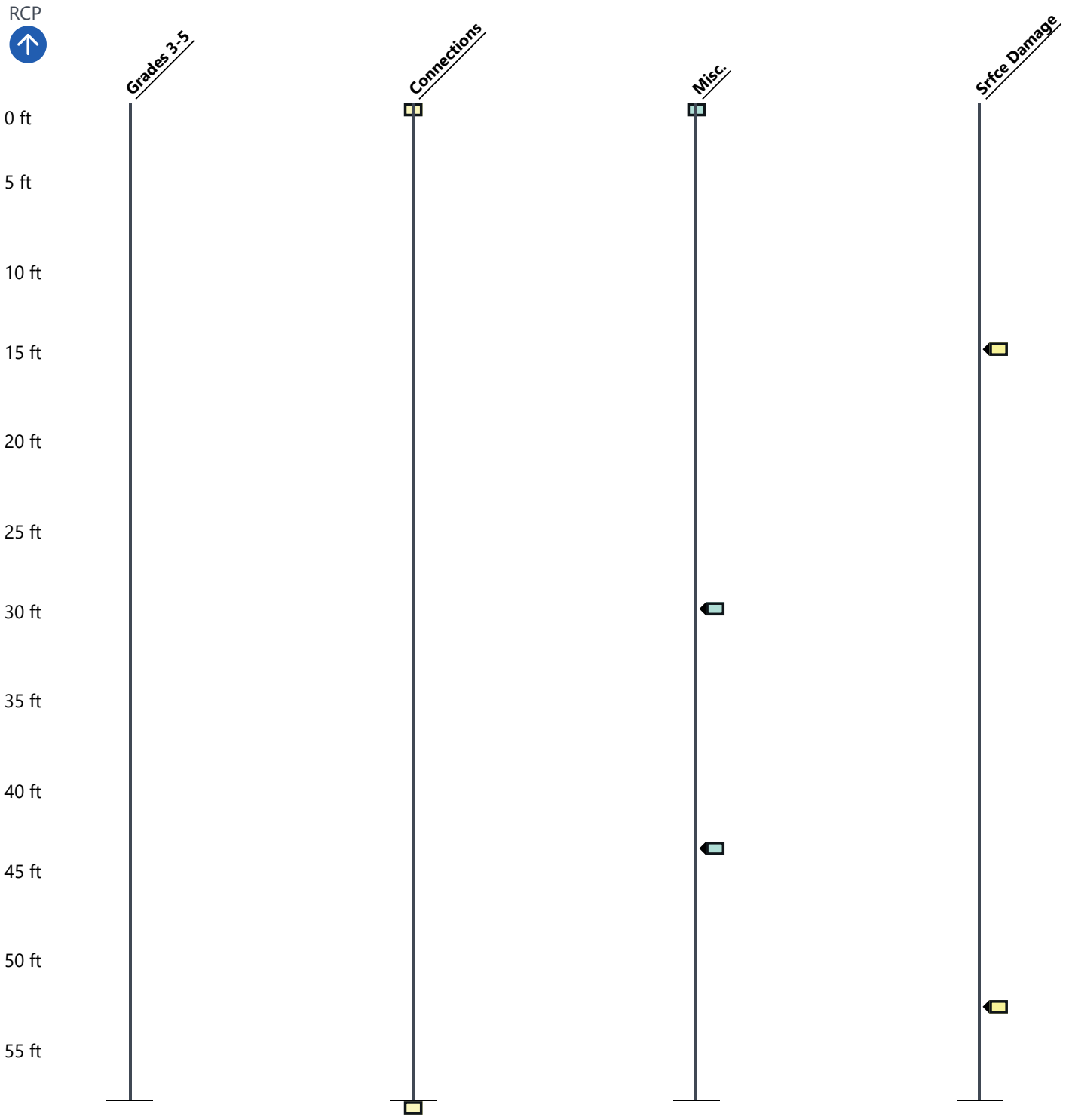
Inspection Time	City	Inspection Status	Date Cleaned
12:00 AM	South San Francisco, CA	CI	7/24/2025
In Feet (Imperial)			
Yes			

BESS

PACP INSPECTION REPORT

SMART DIAGRAM

DATE: 7/24/2025
PIPE SEG REF. DI-05 to DI-04
UP MH: DI-04
DOWN MH: DI-05



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PACP INSPECTION REPORT

OBSERVATIONS

DATE: 7/24/2025
PIPE SEG REF. DI-05 to DI-04
UP MH: DI-04
DOWN MH: DI-05

Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:00	Access Point Catch Basin	ACB	-	-	-	-	DI-05	-	-
0	0:05	Miscellaneous Water Level	MWL	-	-	-	-	0%	-	-
13.8	0:46	Surface Damage Roughness In creas...	SRI		-	-	-	SURFACE ROUGHNESS AT TOP OF PIPELINE	S01	1
28.8	1:22	Miscellaneous General Photogr aph	MGP		-	-	-	GENERAL PHOTO	-	-
42.7	1:56	Miscellaneous General Photogr aph	MGP		-	-	-	GENERAL PHOTO	-	-
51.8	2:17	Surface Damage Roughness In creas...	SRI		-	-	-	SURFACE ROUGHNESS AT TOP OF PIPELINE	F01	1
57.7	2:40	Access Point Catch Basin	ACB	-	-	-	-	DI-04	-	-

OBSERVATION SNAPSHOTS

DATE: 7/24/2025
PIPE SEG REF. DI-05 to DI-04
UP MH: DI-04
DOWN MH: DI-05



ACB
0 ft



MWL
0 ft



SRI 1
13.8 ft 9 - 3:00



MGP
28.8 ft 12 - 12:00



MGP
42.7 ft 12 - 12:00



SRI 1
51.8 ft 9 - 3:00



ACB
57.7 ft

RATINGS

DATE: 7/24/2025
PIPE SEG REF. DI-05 to DI-04
UP MH: DI-04
DOWN MH: DI-05

PIPE RATING INDEX	Overall	Structural	O&M
	1	1	

Sum of all graded conditions divided by the total number of conditions. 0-5 scale.

PIPE RATING	Overall	Structural	O&M
	8	8	0

Sum of all graded conditions.

QUICK RATING	Overall	Structural	O&M	Likelihood of Failure
	18 00	18 00	00 00	1.8

First digit is highest graded condition. Second digit is count of those conditions (A = 10-14, B = 15-19, etc.). Third digit is second-highest graded condition. Fourth digit is count of those conditions. LoF is Quick Rating divided by 10 (scale from 0-6).

FREQUENCY OF CONDITION GRADES	Grade	1	2	3	4	5
	#	8	0	0	0	0

Count of each condition grade in the inspection.

INSPECTION REPORT

July 24, 2025

Pipe Segment Reference: DI-03 to DI-04
Upstream MH: DI-03
Surveyed By: Uriel A Jimenez
Length Surveyed: 48.2
Material: RCP

BESS

PACP INSPECTION REPORT

INSPECTION HEADER

DATE: 7/24/2025
PIPE SEG REF. DI-03 to DI-04
UP MH: DI-03
DOWN MH: DI-04

SUMMARY

Inspection Date	Pipe Segment Reference	Surveyed By	Certificate Number
7/24/2025 12:00 AM	DI-03 to DI-04	Uriel A Jimenez	U-315-06023152
Project	**Street**	**Upstream MH**	**Downstream MH**
	Spruce Ave	DI-03	DI-04
Direction	**Pre-Cleaning**	**Total Length (ft)**	**Length Surveyed (ft)**
Downstream	Heavy Cleaning		48.2

ASSET

Height (in)	Shape	Material	Pipe Use
10	Circular	Reinforced Concrete Pipe	Stormwater Pipe

INSPECTION

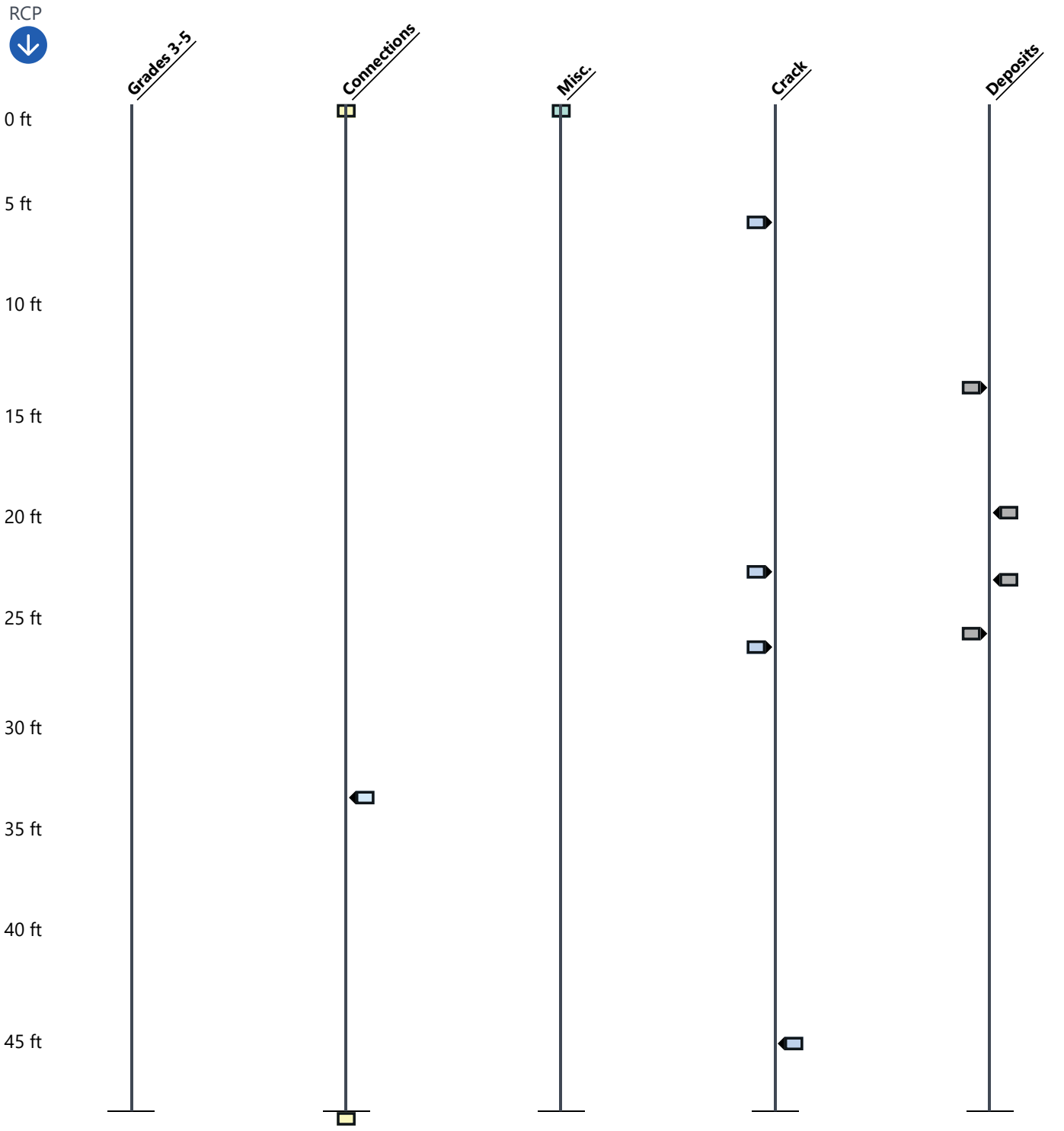
Inspection Time	City	Inspection Status	Date Cleaned
12:00 AM	South San Francisco, CA	CI	7/24/2025
In Feet (Imperial)			
Yes			

BESS

PACP INSPECTION REPORT

SMART DIAGRAM

DATE: 7/24/2025
PIPE SEG REF. DI-03 to DI-04
UP MH: DI-03
DOWN MH: DI-04



View on Pioneer Web

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PACP INSPECTION REPORT

OBSERVATIONS

DATE: 7/24/2025
PIPE SEG REF. DI-03 to DI-04
UP MH: DI-03
DOWN MH: DI-04

Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:00	Access Point Catch Basin	ACB	-	-	-	-	DI-03	-	-
0	0:05	Miscellaneous Water Level	MWL	-	-	-	-	0%	-	-
5.3	0:16	Crack Circumferential	CC		-	-	-	CIRCUMFERENTIAL CRACK NEAR JOINT	-	1
13.2	0:37	Deposits Attached Other	DAZ		-	-	5	DEPOSIT AT JOINT	-	2
19.2	0:48	Deposits Attached Other	DAZ		-	-	5	DEPOSIT AT JOINT	-	2
22	0:55	Crack Circumferential	CC		-	-	-	CIRCUMFERENTIAL CRACK NEAR JOINT	-	1
22.4	0:59	Deposits Attached Other	DAZ		-	-	5	DEPOSIT AT JOINT	-	2
25	1:03	Deposits Attached Other	DAZ		-	-	5	DEPOSITS AT JOINT	-	2
25.6	1:07	Crack Circumferential	CC		-	-	-	CIRCUMFERENTIAL CRACK NEAR JOINT	-	1
32.8	1:24	Tap Break-in/Hammer	TB		1	-	-	12 O CLOCK STORM BRANCH	-	-
44.6	2:23	Crack Spiral	CS		-	-	-	SPIRAL CRACK AT JOINT	-	2
48.2	2:54	Access Point Catch Basin	ACB	-	-	-	-	DI-04	-	-

OBSERVATION SNAPSHOTS

DATE: 7/24/2025
PIPE SEG REF. DI-03 to DI-04
UP MH: DI-03
DOWN MH: DI-04



ACB
0 ft



MWL
0 ft



CC 1
5.3 ft 2 - 11:00



DAZ 2
13.2 ft 4 - 8:00



DAZ 2
19.2 ft 8 - 9:00



CC 1
22 ft 1 - 11:00



DAZ 2
22.4 ft 6 - 9:00



DAZ 2
25 ft 4 - 8:00



CC 1
25.6 ft 1 - 11:00



TB
32.8 ft 12:00



CS 2
44.6 ft 9 - 3:00



ACB
48.2 ft

RATINGS

DATE: 7/24/2025
PIPE SEG REF. DI-03 to DI-04
UP MH: DI-03
DOWN MH: DI-04

PIPE RATING INDEX	Overall	Structural	O&M
	1.6	1.3	2

Sum of all graded conditions divided by the total number of conditions. 0-5 scale.

PIPE RATING	Overall	Structural	O&M
	13	5	8

Sum of all graded conditions.

QUICK RATING	Overall	Structural	O&M	Likelihood of Failure
	25 13	21 13	24 00	2.5

First digit is highest graded condition. Second digit is count of those conditions (A = 10-14, B = 15-19, etc.). Third digit is second-highest graded condition. Fourth digit is count of those conditions. LoF is Quick Rating divided by 10 (scale from 0-6).

FREQUENCY OF CONDITION GRADES	Grade	1	2	3	4	5
	#	3	5	0	0	0

Count of each condition grade in the inspection.

INSPECTION REPORT

July 24, 2025

Pipe Segment Reference: DI-03 to DI-02
Upstream MH: DI-02
Surveyed By: Uriel A Jimenez
Length Surveyed: 28.2 **MSA**
Material: RCP

INSPECTION HEADER

DATE: 7/24/2025
PIPE SEG REF. DI-03 to DI-02
UP MH: DI-02
DOWN MH: DI-03

SUMMARY

Inspection Date	Pipe Segment Reference	Surveyed By	Certificate Number
7/24/2025 12:00 AM	DI-03 to DI-02	Uriel A Jimenez	U-315-06023152
Project	**Street**	**Upstream MH**	**Downstream MH**
	Spruce Ave	DI-02	DI-03
Direction	**Pre-Cleaning**	**Total Length (ft)**	**Length Surveyed (ft)**
Upstream	Heavy Cleaning		28.2

ASSET

Height (in)	Shape	Material	Pipe Use
10	Circular	Reinforced Concrete Pipe	Stormwater Pipe

INSPECTION

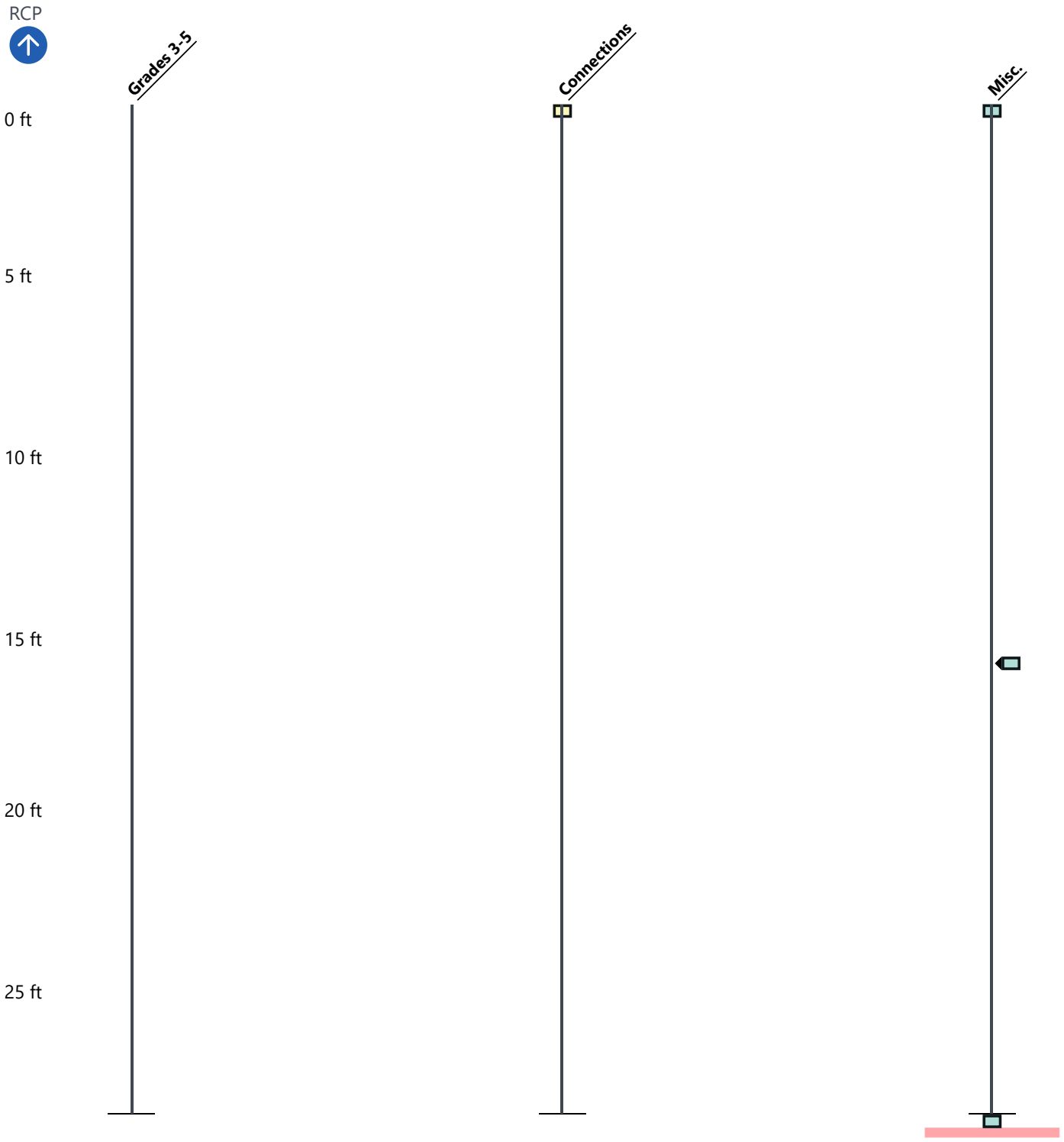
Inspection Time	City	Inspection Status	Date Cleaned
12:00 AM	South San Francisco, CA	CI	7/24/2025
In Feet (Imperial)			
Yes			

BESS

PACP INSPECTION REPORT

SMART DIAGRAM

DATE: 7/24/2025
PIPE SEG REF. DI-03 to DI-02
UP MH: DI-02
DOWN MH: DI-03



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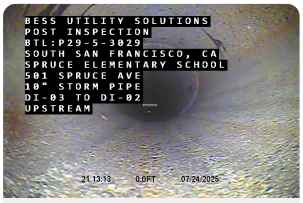
OBSERVATIONS

DATE: 7/24/2025
PIPE SEG REF. DI-03 to DI-02
UP MH: DI-02
DOWN MH: DI-03

Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:00	Access Point Catch Basin	ACB	-	-	-	-	DI-03	-	-
0	0:05	Miscellaneous Water Level	MWL	-	-	-	-	0%	-	-
15.4	0:25	Miscellaneous General Photo graph	MGP		-	-	-	GENERAL PHOTO	-	-
28.2	0:46	Miscellaneous Survey Aband oned	MSA	-	-	-	-	AT REVERSAL POINT, INSPECTION C OMPLETE	-	-

OBSERVATION SNAPSHOTS

DATE: 7/24/2025
PIPE SEG REF. DI-03 to DI-02
UP MH: DI-02
DOWN MH: DI-03



ACB

0 ft



MWL

0 ft



MGP

15.4 ft 12 - 12:00



MSA

28.2 ft

RATINGS

DATE: 7/24/2025
PIPE SEG REF. DI-03 to DI-02
UP MH: DI-02
DOWN MH: DI-03

PIPE RATING INDEX	Overall	Structural	O&M

Sum of all graded conditions divided by the total number of conditions. 0-5 scale.

PIPE RATING	Overall	Structural	O&M
	0	0	0

Sum of all graded conditions.

QUICK RATING	Overall	Structural	O&M	Likelihood of Failure
	0 0 0 0	0 0 0 0	0 0 0 0	1

First digit is highest graded condition. Second digit is count of those conditions (A = 10-14, B = 15-19, etc.). Third digit is second-highest graded condition. Fourth digit is count of those conditions. LoF is Quick Rating divided by 10 (scale from 0-6).

FREQUENCY OF CONDITION GRADES	Grade	1	2	3	4	5
	#	0	0	0	0	0

Count of each condition grade in the inspection.

INSPECTION REPORT

July 24, 2025

Pipe Segment Reference: DI-02 to DI-03
Upstream MH: DI-02
Surveyed By: Uriel A Jimenez
Length Surveyed: 130.8 **MSA**
Material: RCP

BESS

PACP INSPECTION REPORT

INSPECTION HEADER

DATE: 7/24/2025
PIPE SEG REF. DI-02 to DI-03
UP MH: DI-02
DOWN MH: DI-03

SUMMARY

Inspection Date 7/24/2025 12:00 AM	**Pipe Segment Reference** DI-02 to DI-03	**Surveyed By** Uriel A Jimenez	**Certificate Number** U-315-06023152
Project	**Street** Spruce Ave	**Upstream MH** DI-02	**Downstream MH** DI-03
Direction Downstream	**Pre-Cleaning** Heavy Cleaning	**Total Length (ft)**	**Length Surveyed (ft)** 130.8

ASSET

Height (in) 10	**Shape** Circular	**Material** Reinforced Concrete Pipe	**Pipe Use** Stormwater Pipe

INSPECTION

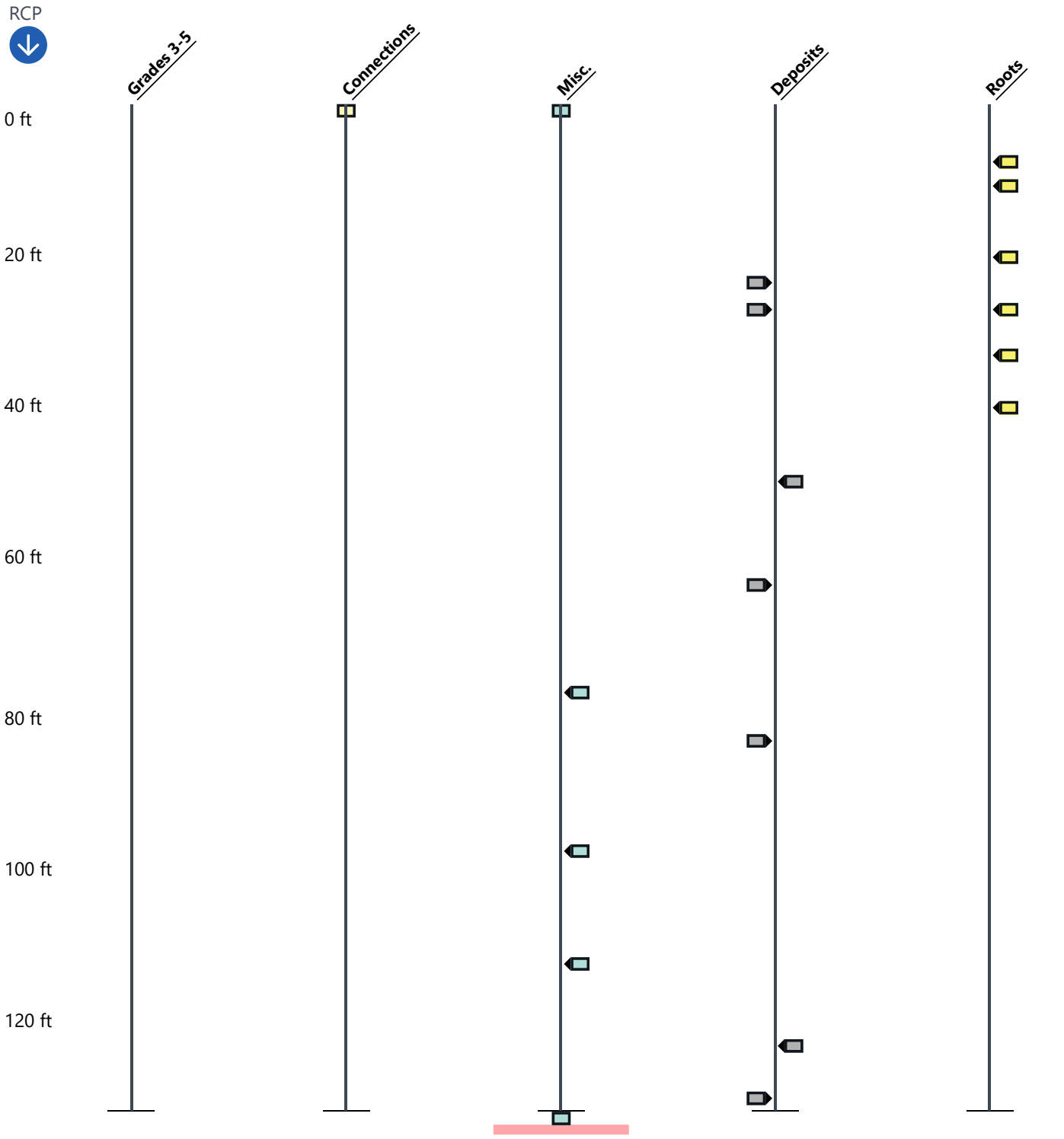
Inspection Time 12:00 AM	**City** South San Francisco, CA	**Inspection Status** CI	**Date Cleaned** 7/24/2025
In Feet (Imperial) Yes			

BESS

PACP INSPECTION REPORT

SMART DIAGRAM

DATE: 7/24/2025
PIPE SEG REF. DI-02 to DI-03
UP MH: DI-02
DOWN MH: DI-03



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PACP INSPECTION REPORT

OBSERVATIONS

DATE: 7/24/2025
PIPE SEG REF. DI-02 to DI-03
UP MH: DI-02
DOWN MH: DI-03

Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:00	Access Point Catch Basin	ACB	-	-	-	-	DI-02	-	-
0	0:09	Miscellaneous Water Level	MWL	-	-	-	5	5%	-	-
6.6	0:34	Roots Fine Joint	RFJ		-	-	-	FINE ROOTS AT JOINT	-	1
9.7	0:41	Roots Fine Joint	RFJ		-	-	-	FINE ROOTS AT JOINT	-	1
18.9	0:52	Roots Fine Joint	RFJ		-	-	-	FINE ROOTS AT JOINT	-	1
22.2	0:59	Deposits Attached Other	DAZ		-	-	5	DEPOSIT AT JOINT	-	2
25.8	1:02	Deposits Attached Other	DAZ		-	-	5	EPOSIT AT JOINT	-	2
25.8	1:02	Roots Fine Joint	RFJ		-	-	-	FINE ROOTS AT JOINT	-	1
31.7	1:10	Roots Fine Joint	RFJ		-	-	-	FINE ROOTS AT JOINT	-	1
38.5	1:17	Roots Fine Joint	RFJ		-	-	-	FINE ROOTS AT JOINT	-	1
48	1:27	Deposits Attached Other	DAZ		-	-	5	DEPOSIT AT JOINT	-	2
61.5	1:41	Deposits Attached Other	DAZ		-	-	5	DEPOSIT AT JOINT	-	2
75.5	1:55	Miscellaneous General Photograph	MGP		-	-	-	GENERAL PHOTO	-	-
81.8	2:02	Deposits Attached Other	DAZ		-	-	5	DEPOITS AT JOINT	-	2
96	2:16	Miscellaneous General Photograph	MGP		-	-	-	GENERAL PHOTO	-	-

View on Pioneer Web

Generated By SewerAI

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PACP INSPECTION REPORT

Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
110.7	2:30	Miscellaneous General Photograph	MGP		-	-	-	GENERAL PHOTO	-	-
121.3	2:43	Deposits Attached Other	DAZ		-	-	5	DEPOSIT AT JOINT	-	2
128.1	2:57	Deposits Attached Other	DAZ		-	-	5	DEPOSIT AT JOINT	-	2
130.8	3:16	Miscellaneous Survey Abandoned	MSA	-	-	-	-	UNABLE TO PUSH ANY FURTHER, NEED TO PUSH FROM DOWNSTREAM ACCESS POINT ...	-	-

OBSERVATION SNAPSHOTS

DATE: 7/24/2025
PIPE SEG REF. DI-02 to DI-03
UP MH: DI-02
DOWN MH: DI-03



ACB
0 ft



MWL
0 ft



RFJ 1
6.6 ft 7 - 8:00



RFJ 1
9.7 ft 7 - 8:00



RFJ 1
18.9 ft 7 - 10:00



DAZ 2
22.2 ft 3 - 6:00



DAZ 2
25.8 ft 3 - 4:00



RFJ 1
25.8 ft 7 - 8:00



RFJ 1
31.7 ft 7 - 8:00



RFJ 1
38.5 ft 8 - 9:00



DAZ 2
48 ft 7 - 9:00



DAZ 2
61.5 ft 3 - 6:00



MGP
75.5 ft 12 - 12:00



DAZ 2
81.8 ft 4 - 9:00



MGP
96 ft 12 - 12:00



MGP
110.7 ft 12 - 12:00



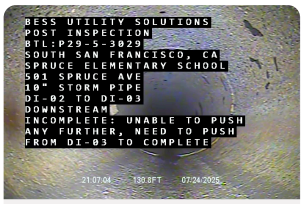
DAZ 2

121.3 ft 7 - 9:00



DAZ 2

128.1 ft 3 - 6:00



MSA

130.8 ft

BESS

PACP INSPECTION REPORT

RATINGS

DATE: 7/24/2025
PIPE SEG REF. DI-02 to DI-03
UP MH: DI-02
DOWN MH: DI-03

PIPE RATING INDEX	Overall	Structural	O&M
	1.5		1.5

Sum of all graded conditions divided by the total number of conditions. 0-5 scale.

PIPE RATING	Overall	Structural	O&M
	20	0	20

Sum of all graded conditions.

QUICK RATING	Overall	Structural	O&M	Likelihood of Failure
	27 16	00 00	27 16	2.7

First digit is highest graded condition. Second digit is count of those conditions (A = 10-14, B = 15-19, etc.). Third digit is second-highest graded condition. Fourth digit is count of those conditions. LoF is Quick Rating divided by 10 (scale from 0-6).

FREQUENCY OF CONDITION GRADES	Grade	1	2	3	4	5
	#	6	7	0	0	0

Count of each condition grade in the inspection.

INSPECTION REPORT

July 24, 2025

Pipe Segment Reference: DI-01 to DI-02
Upstream MH: DI-01
Surveyed By: Uriel A Jimenez
Length Surveyed: 87.5
Material: VCP

INSPECTION HEADER

DATE: 7/24/2025
PIPE SEG REF. DI-01 to DI-02
UP MH: DI-01
DOWN MH: DI-02

SUMMARY

Inspection Date	Pipe Segment Reference	Surveyed By	Certificate Number
7/24/2025 12:00 AM	DI-01 to DI-02	Uriel A Jimenez	U-315-06023152
Project	**Street**	**Upstream MH**	**Downstream MH**
	Spruce Ave	DI-01	DI-02
Direction	**Pre-Cleaning**	**Total Length (ft)**	**Length Surveyed (ft)**
Downstream	Heavy Cleaning		87.5

ASSET

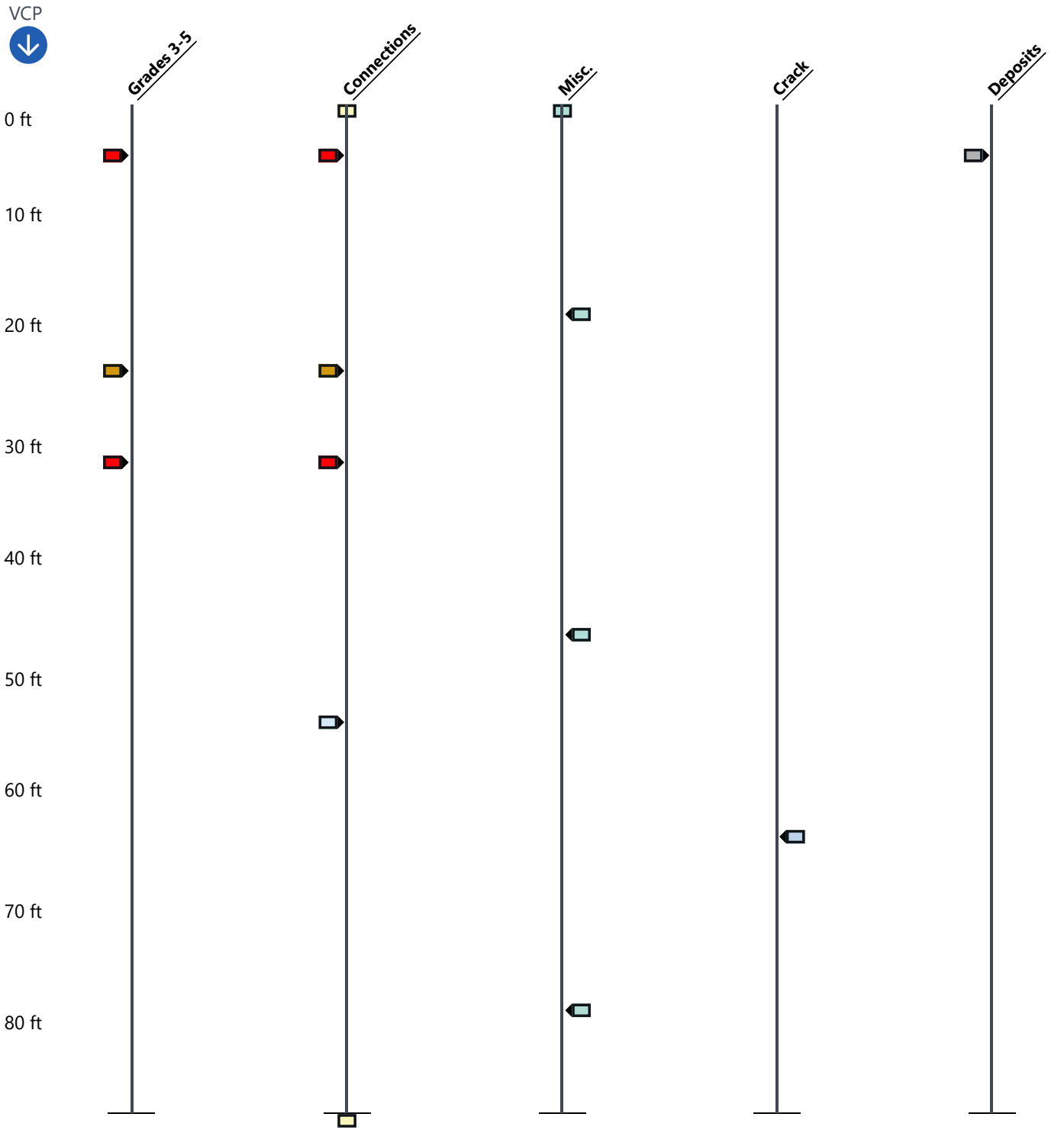
Height (in)	Shape	Material	Pipe Use
6	Circular	Vitrified Clay Pipe	Stormwater Pipe

INSPECTION

Inspection Time	City	Inspection Status	Date Cleaned
12:00 AM	South San Francisco, CA	CI	7/24/2025
In Feet (Imperial)			
Yes			

SMART DIAGRAM

DATE: 7/24/2025
PIPE SEG REF. DI-01 to DI-02
UP MH: DI-01
DOWN MH: DI-02



BESS

PACP INSPECTION REPORT

OBSERVATIONS

DATE: 7/24/2025
PIPE SEG REF. DI-01 to DI-02
UP MH: DI-01
DOWN MH: DI-02

Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:00	Access Point Catch Basin	ACB	-	-	-	-	DI-01	-	-
0	0:06	Miscellaneous Water Level	MWL	-	-	-	5	5%	-	-
3.8	0:21	Tap Break-in Intruding	TBI		1	3	-	INTRUDING STORM DRAIN PIPE	-	5
3.8	0:17	Deposits Attached Other	DAZ		-	-	10	DEPOSIT AT JOINT	-	2
17.6	1:09	Miscellaneous General Photography	MGP		-	-	-	GENERAL PHOTO	-	-
22.5	1:29	Tap Break-in Intruding	TBI		2	1	-	STORM DRAIN BRANCH CONNECTION	-	3
30.4	2:01	Tap Break-in Intruding	TBI		3	2	-	STORM DRAIN BRANCH CONNECTION	-	5
45.4	2:24	Miscellaneous General Photography	MGP		-	-	-	GENERAL PHOTO	-	-
52.9	2:47	Tap Break-in/Hammer	TB		3	-	-	STORM DRAIN BRANCH CONNECTION	-	-
62.9	3:04	Crack Circumferential	CC		-	-	-	CIRCUMFERENTIAL CRACK NEAR JOINT	-	1
77.9	3:33	Miscellaneous General Photography	MGP		-	-	-	GENERAL PHOTO	-	-
87.5	4:01	Access Point Catch Basin	ACB	-	-	-	-	DI-02	-	-

OBSERVATION SNAPSHOTS

DATE: 7/24/2025
PIPE SEG REF. DI-01 to DI-02
UP MH: DI-01
DOWN MH: DI-02



ACB
0 ft



MWL
0 ft



TBI 5
3.8 ft 3:00



DAZ 2
3.8 ft 5 - 7:00



MGP
17.6 ft 12 - 12:00



TBI 3
22.5 ft 2:00



TBI 5
30.4 ft 2:00



MGP
45.4 ft 12 - 12:00

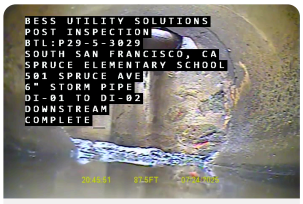


TB
52.9 ft 2:00

CC 1
62.9 ft 7 - 5:00



MGP
77.9 ft 12 - 12:00



ACB
87.5 ft

RATINGS

DATE: 7/24/2025
PIPE SEG REF. DI-01 to DI-02
UP MH: DI-01
DOWN MH: DI-02

PIPE RATING INDEX	Overall	Structural	O&M
	3.2	1	3.8

Sum of all graded conditions divided by the total number of conditions. 0-5 scale.

PIPE RATING	Overall	Structural	O&M
	16	1	15

Sum of all graded conditions.

QUICK RATING	Overall	Structural	O&M	Likelihood of Failure
	5 2 3 1	1 1 0 0	5 2 3 1	5.2

First digit is highest graded condition. Second digit is count of those conditions (A = 10-14, B = 15-19, etc.). Third digit is second-highest graded condition. Fourth digit is count of those conditions. LoF is Quick Rating divided by 10 (scale from 0-6).

FREQUENCY OF CONDITION GRADES	Grade	1	2	3	4	5
	#	1	1	1	0	2

Count of each condition grade in the inspection.

INSPECTION REPORT

January 31, 2026

Lateral Segment Reference: GIRLS BATHROOM_F-M_
Surveyed By: Uriel A Jimenez
Length Surveyed: 81.6
Material: CAS

BESS

LACP INSPECTION REPORT

INSPECTION HEADER

DATE: 1/31/2026
LATERAL SEG REF. GIRLS BATHROOM_F-M_

SUMMARY

Inspection Date	Pipe Segment Reference	Surveyed By	Certificate Number
1/31/2026 2:23 PM		Uriel A Jimenez	U-315-06023152
Project	**Street**	**Upstream MH**	**Downstream MH**
	501 Spruce Ave		
Direction	**Pre-Cleaning**	**Total Length (ft)**	**Length Surveyed (ft)**
Downstream	Heavy Cleaning		81.6

ASSET

Size	Material	Pipe Use
4	Cast Iron	Sanitary Sewage Pipe

INSPECTION

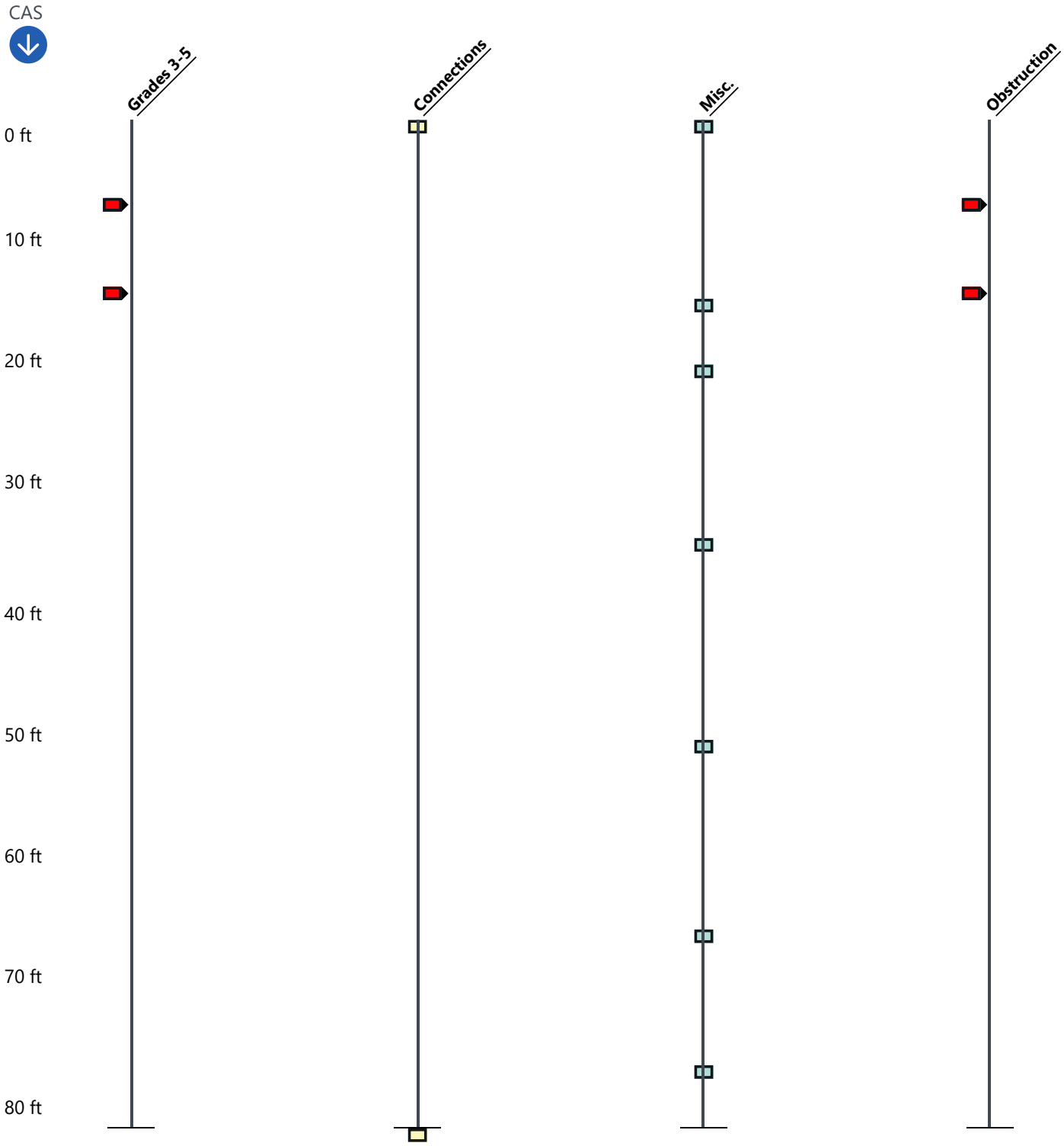
City	Inspection Status	Date Cleaned	In Feet (Imperial)
South San Francisco, CA	CI	1/19/2026	Yes

BESS

LACP INSPECTION REPORT

SMART DIAGRAM

DATE: 1/31/2026
LATERAL SEG REF. GIRLS BATHROOM_F-M_



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LACP INSPECTION REPORT

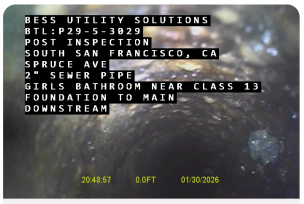
OBSERVATIONS

DATE: 1/31/2026
LATERAL SEG REF. GIRLS BATHROOM_F-M_

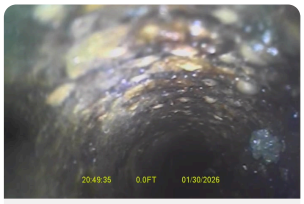
Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:00	Access Point Cleanout House	AHO	-	-	-	-	GIRLS BATHROOM_F-M_	-	-
0	0:12	Miscellaneous Water Level	MWL	-	-	-	5	5%	-	-
0	0:26	Miscellaneous General Observatio...	MGO	-	-	-	-	PIPE MAKES A BEND	-	-
6.3	9:28	Obstruction Other	OBZ		-	-	25	DEBRIS AT BOTTOM OF PIPELINE	S01	4
13.5	9:05	Obstruction Other	OBZ		-	-	25	DEBRIS AT BOTTOM OF PIPELINE	F01	4
14.5	8:55	Miscellaneous General Observatio...	MGO	-	-	-	-	PIPE MAKES A BEND TO THE LEFT	-	-
19.8	8:35	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
33.8	7:48	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
50.2	6:53	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
65.5	5:37	Miscellaneous General Observatio...	MGO	-	-	-	-	PIPE MAKES A BEND TO THE RIGHT	-	-
76.5	4:48	Miscellaneous General Observatio...	MGO	-	-	-	-	PIPE MAKES DOWNWARDS BEND	-	-
81.6	4:03	Access Point Mainline	AML	-	-	-	-	MAINLINE	-	-

OBSERVATION SNAPSHOTS

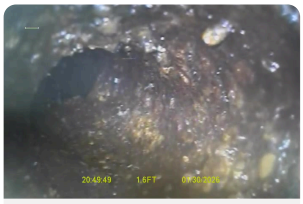
DATE: 1/31/2026
LATERAL SEG REF. GIRLS BATHROOM_F-M_



ACOH
0 ft



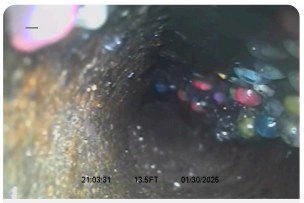
MWL
0 ft



MGO
0 ft



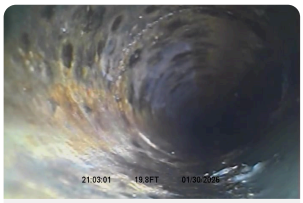
OBZ 4
6.3 ft 5 - 7:00



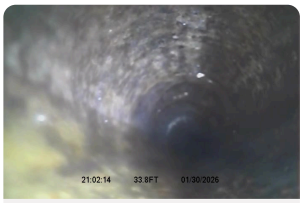
OBZ 4
13.5 ft 5 - 7:00



MGO
14.5 ft



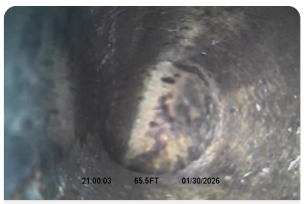
MGP
19.8 ft



MGP
33.8 ft



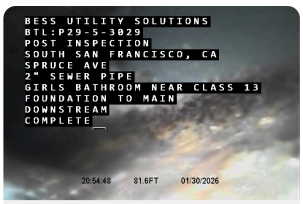
MGP
50.2 ft



MGO
65.5 ft



MGO
76.5 ft



AML
81.6 ft

BESS

RATINGS

DATE: 1/31/2026
LATERAL SEG REF. GIRLS BATHROOM_F-M_

PIPE RATING INDEX	Overall	Structural	O&M
	4		4

Sum of all graded conditions divided by the total number of conditions. 0-5 scale.

PIPE RATING	Overall	Structural	O&M
	4	0	4

Sum of all graded conditions.

QUICK RATING	Overall	Structural	O&M	Likelihood of Failure
	4 1 0 0	0 0 0 0	4 1 0 0	4.1

First digit is highest graded condition. Second digit is count of those conditions (A = 10-14, B = 15-19, etc.). Third digit is second-highest graded condition. Fourth digit is count of those conditions. LoF is Quick Rating divided by 10 (scale from 0-6).

FREQUENCY OF CONDITION GRADES	Grade	1	2	3	4	5
	#	0	0	0	1	0

Count of each condition grade in the inspection.

INSPECTION REPORT

January 19, 2026

Lateral Segment Reference: GYM_L1_M-F_
Upstream MH: SSCO-03
Surveyed By: Uriel A Jimenez
Length Surveyed: 4.5
Material: VCP

BESS

LACP INSPECTION REPORT

INSPECTION HEADER

DATE: 1/19/2026
LATERAL SEG REF. GYM_L1_M-F_
UP MH: SSCO-03
DOWN MH: SSMH-04

SUMMARY

Inspection Date	Pipe Segment Reference	Surveyed By	Certificate Number
1/19/2026 3:29 PM		Uriel A Jimenez	U-315-06023152
Project	**Street**	**Upstream MH**	**Downstream MH**
	501 Spruce Ave	SSCO-03	SSMH-04
Direction	**Pre-Cleaning**	**Total Length (ft)**	**Length Surveyed (ft)**
Upstream	Heavy Cleaning		4.5

ASSET

Size	Material	Pipe Use
4	Vitrified Clay Pipe	Sanitary Sewage Pipe

INSPECTION

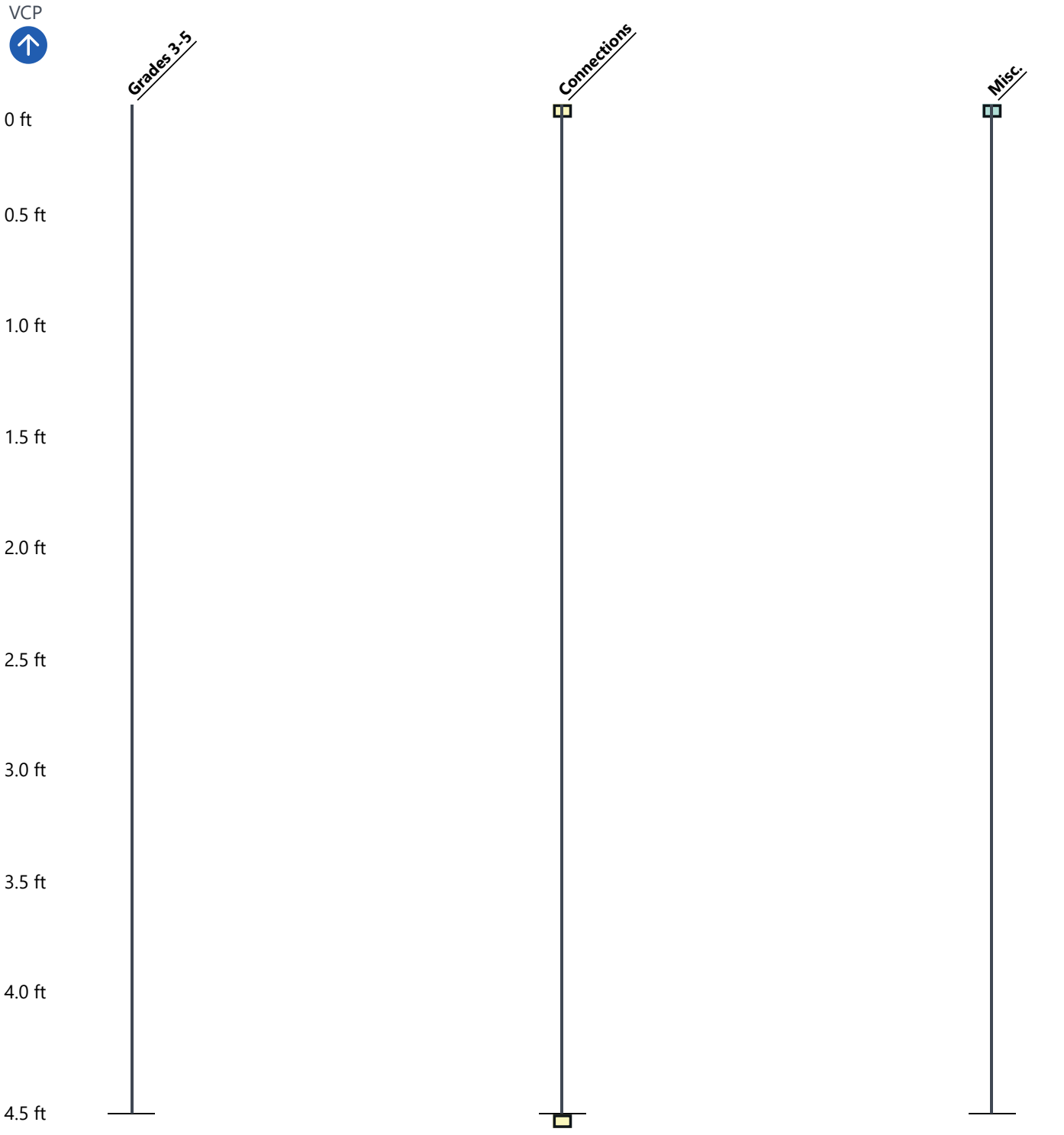
City	Inspection Status	Date Cleaned	In Feet (Imperial)
South San Francisco, CA	CI	1/19/2026	Yes

BESS

LACP INSPECTION REPORT

SMART DIAGRAM

DATE: 1/19/2026
LATERAL SEG REF. GYM_L1_M-F_
UP MH: SSCO-03
DOWN MH: SSMH-04



View on Pioneer Web

Generated By SewerAI

BESS

LACP INSPECTION REPORT

OBSERVATIONS

DATE: 1/19/2026
LATERAL SEG REF. GYM_L1_M-F_
UP MH: SSCO-03
DOWN MH: SSMH-04

Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:00	Access Point Mainline	AML	-	-	-	-	GYMNASIUM BUILDING L1	-	-
0	0:10	Miscellaneous Water Level	MWL	-	-	-	-	0%	-	-
4.5	0:44	Access Point End of Pipe	AEP	-	-	-	-	CAPPED LINE	-	-

BESS

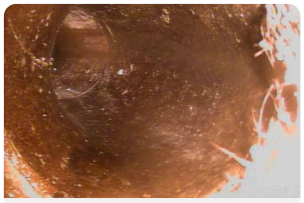
OBSERVATION SNAPSHOTS

DATE: 1/19/2026
LATERAL SEG REF. GYM_L1_M-F_
UP MH: SSCO-03
DOWN MH: SSMH-04



AML

0 ft



MWL

0 ft



AEP

4.5 ft

BESS

LACP INSPECTION REPORT

RATINGS

DATE: 1/19/2026
LATERAL SEG REF. GYM_L1_M-F_
UP MH: SSCO-03
DOWN MH: SSMH-04

PIPE RATING INDEX	Overall	Structural	O&M

Sum of all graded conditions divided by the total number of conditions. 0-5 scale.

PIPE RATING	Overall	Structural	O&M
	0	0	0

Sum of all graded conditions.

QUICK RATING	Overall	Structural	O&M	Likelihood of Failure
	0 0 0 0	0 0 0 0	0 0 0 0	1

First digit is highest graded condition. Second digit is count of those conditions (A = 10-14, B = 15-19, etc.). Third digit is second-highest graded condition. Fourth digit is count of those conditions. LoF is Quick Rating divided by 10 (scale from 0-6).

FREQUENCY OF CONDITION GRADES	Grade	1	2	3	4	5
	#	0	0	0	0	0

Count of each condition grade in the inspection.

BESS

LACP INSPECTION REPORT

INSPECTION REPORT

January 19, 2026

Lateral Segment Reference: GYM_L2_M-F_
Upstream MH: SSCO-03
Surveyed By: Uriel A Jimenez
Length Surveyed: 7.5 **MSA**
Material: VCP

BESS

LACP INSPECTION REPORT

INSPECTION HEADER

DATE: 1/19/2026
LATERAL SEG REF. GYM_L2_M-F_
UP MH: SSCO-03
DOWN MH: SSMH-04

SUMMARY

Inspection Date	Pipe Segment Reference	Surveyed By	Certificate Number
1/19/2026 3:25 PM		Uriel A Jimenez	U-315-06023152
Project	**Street**	**Upstream MH**	**Downstream MH**
	501 Spruce Ave	SSCO-03	SSMH-04
Direction	**Pre-Cleaning**	**Total Length (ft)**	**Length Surveyed (ft)**
Upstream	Heavy Cleaning		7.5

ASSET

Size	Material	Pipe Use
4	Vitrified Clay Pipe	Sanitary Sewage Pipe

INSPECTION

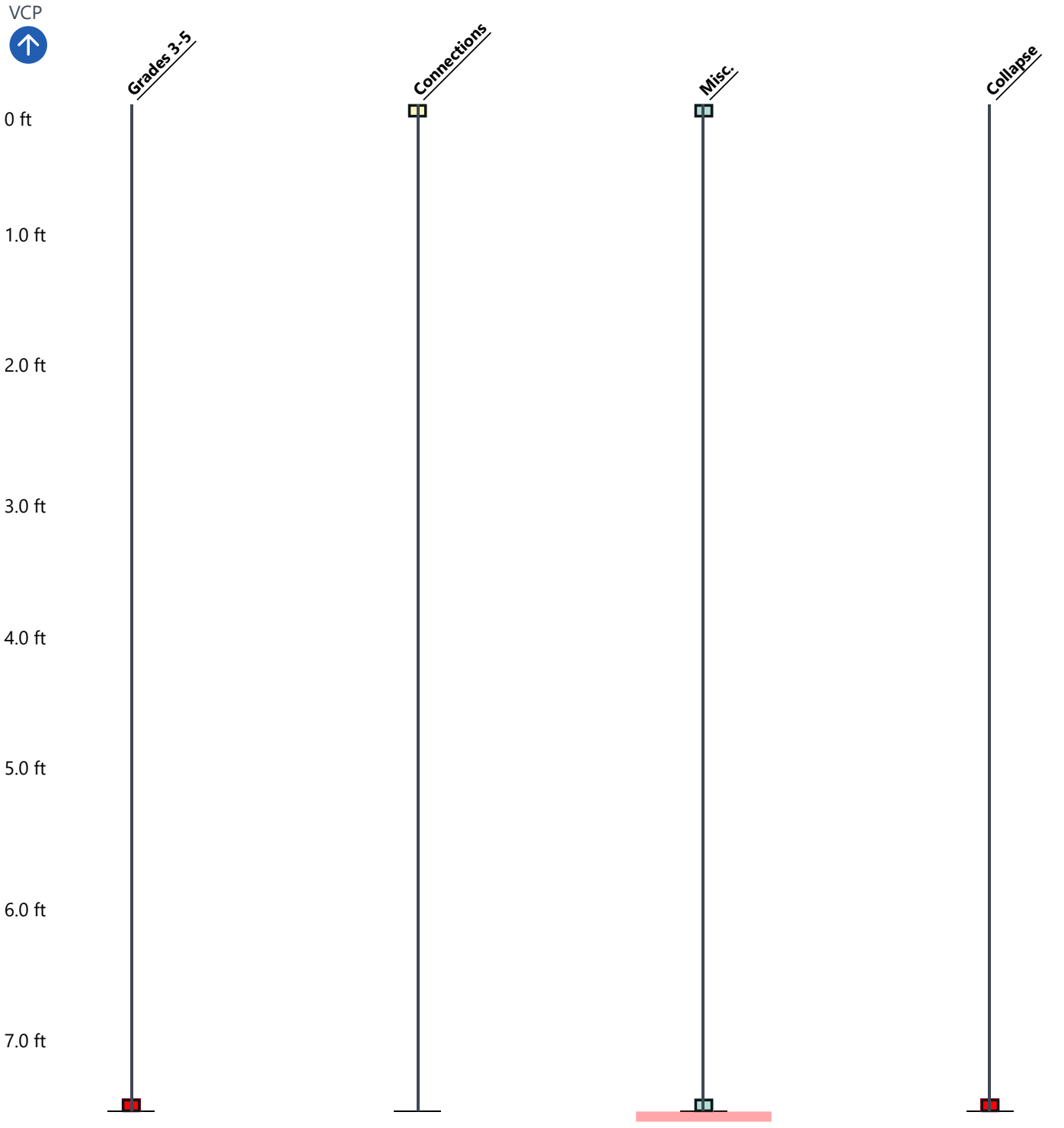
City	Inspection Status	Date Cleaned	In Feet (Imperial)
South San Francisco, CA	CI	1/19/2026	Yes

BESS

LACP INSPECTION REPORT

SMART DIAGRAM

DATE: 1/19/2026
LATERAL SEG REF. GYM_L2_M-F_
UP MH: SSCO-03
DOWN MH: SSMH-04



View on Pioneer Web

Generated By SewerAI

BESS

LACP INSPECTION REPORT

OBSERVATIONS

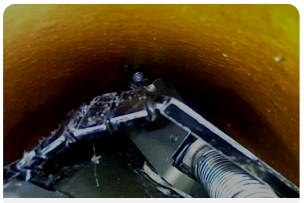
DATE: 1/19/2026
LATERAL SEG REF. GYM_L2_M-F_
UP MH: SSCO-03
DOWN MH: SSMH-04

Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:00	Access Point Mainline	AML	-	-	-	-	GYMNASIUM BUILDING (L2)	-	-
0	0:09	Miscellaneous Water Level	MWL	-	-	-	-	0%	-	-
7.4	1:04	Collapse	X	-	-	-	100	COLLAPED PIPELINE	-	5
7.4	1:04	Miscellaneous Survey Abandoned	MSA	-	-	-	-	UNABLE TO PROCEED ANY FURTHER, COLLAPSED PIPE	-	-

BESS

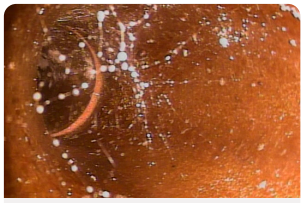
OBSERVATION SNAPSHOTS

DATE: 1/19/2026
LATERAL SEG REF. GYM_L2_M-F_
UP MH: SSCO-03
DOWN MH: SSMH-04



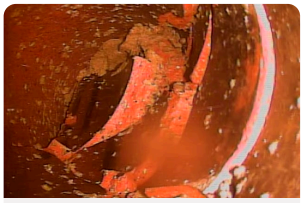
AML

0 ft



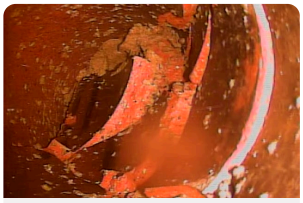
MWL

0 ft



X 5

7.4 ft



MSA

7.4 ft

RATINGS

DATE: 1/19/2026
LATERAL SEG REF. GYM_L2_M-F_
UP MH: SSCO-03
DOWN MH: SSMH-04

PIPE RATING INDEX	Overall	Structural	O&M
	5	5	

Sum of all graded conditions divided by the total number of conditions. 0-5 scale.

PIPE RATING	Overall	Structural	O&M
	5	5	0

Sum of all graded conditions.

QUICK RATING	Overall	Structural	O&M	Likelihood of Failure
	5 1 0 0	5 1 0 0	0 0 0 0	5.1

First digit is highest graded condition. Second digit is count of those conditions (A = 10-14, B = 15-19, etc.). Third digit is second-highest graded condition. Fourth digit is count of those conditions. LoF is Quick Rating divided by 10 (scale from 0-6).

FREQUENCY OF CONDITION GRADES	Grade	1	2	3	4	5
	#	0	0	0	0	1

Count of each condition grade in the inspection.

INSPECTION REPORT

January 19, 2026

Lateral Segment Reference: Office Building_F-M_
Upstream MH: SSCO-02
Surveyed By: Uriel A Jimenez
Length Surveyed: 26.3
Material: VCP

BESS

LACP INSPECTION REPORT

INSPECTION HEADER

DATE: 1/19/2026
LATERAL SEG REF. Office Building_F-M_
UP MH: SSCO-02
DOWN MH: SSMH-02

SUMMARY

Inspection Date	Pipe Segment Reference	Surveyed By	Certificate Number
1/19/2026 12:42 PM		Uriel A Jimenez	U-315-06023152
Project	**Street**	**Upstream MH**	**Downstream MH**
	501 Spruce Ave	SSCO-02	SSMH-02
Direction	**Pre-Cleaning**	**Total Length (ft)**	**Length Surveyed (ft)**
Downstream	Heavy Cleaning		26.3

ASSET

Size	Material	Pipe Use
4	Vitrified Clay Pipe	Sanitary Sewage Pipe

INSPECTION

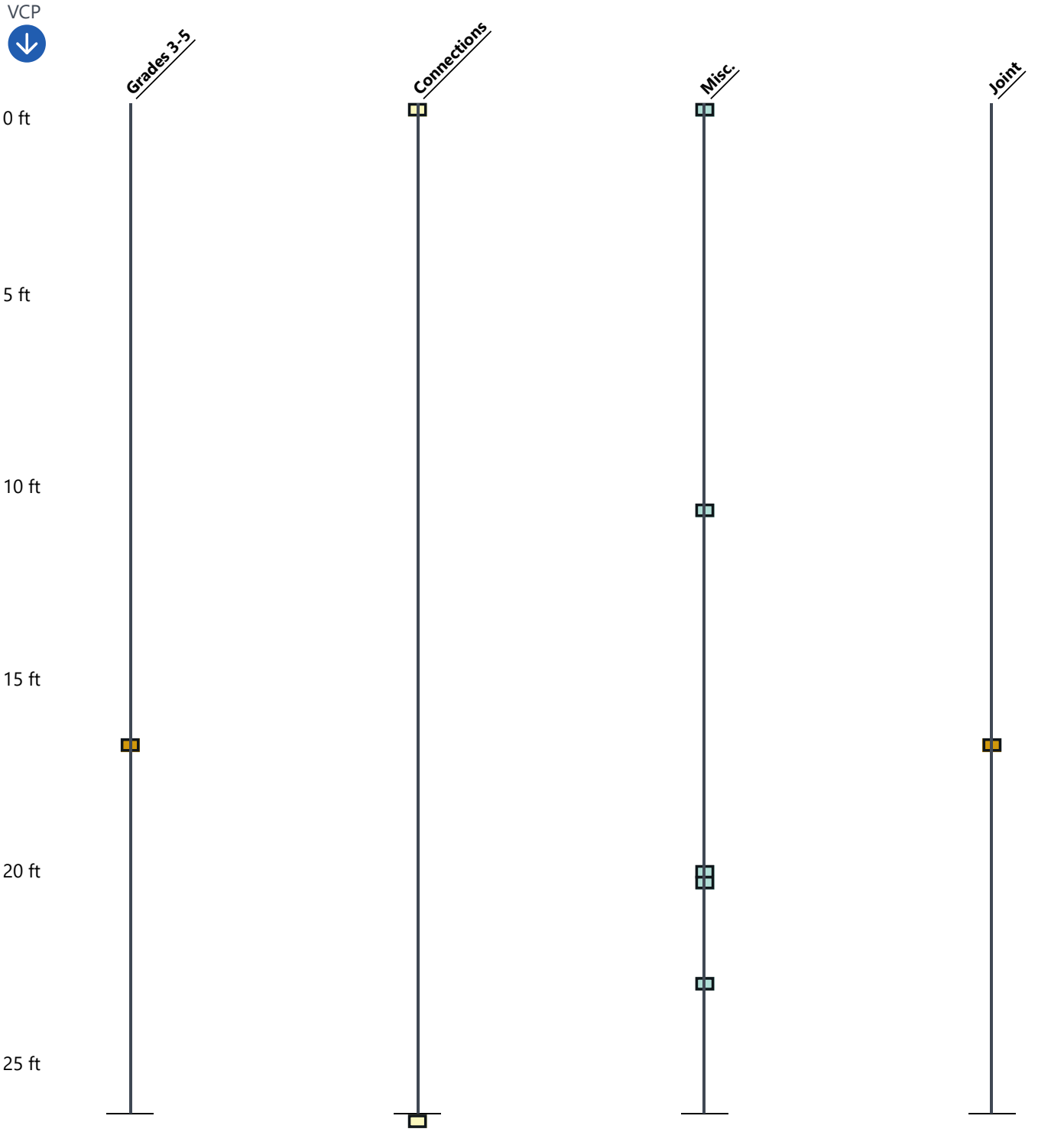
City	Inspection Status	Date Cleaned	In Feet (Imperial)
South San Francisco, CA	CI	1/19/2026	Yes

BESS

LACP INSPECTION REPORT

SMART DIAGRAM

DATE: 1/19/2026
LATERAL SEG REF. Office Building_F-M_
UP MH: SSCO-02
DOWN MH: SSMH-02



View on Pioneer Web

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LACP INSPECTION REPORT

OBSERVATIONS

DATE: 1/19/2026
LATERAL SEG REF. Office Building_F-M_
UP MH: SSCO-02
DOWN MH: SSMH-02

Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:26	Access Point Cleanout House	ACOH	-	-	-	-	Foundaion Cleanout	-	-
0	0:41	Miscellaneous Water Level	MWL	-	-	-	5	5%	-	-
10.4	1:02	Miscellaneous General Photograph	MGP	-	-	-	-	GENERAL PHOTO	-	-
16.5	1:16	Joint Offset Medium	JOM	-	2	7	-	JOINT OFFSET	-	3
19.8	1:31	Miscellaneous General Observatio...	MGO	-	-	-	-	EXTRA CLEANOUT	-	-
20.1	1:44	Miscellaneous General Observatio...	MGO	-	-	-	-	PIPE BENDS DOWNWARDS	-	-
22.7	2:30	Miscellaneous General Observatio...	MGO	-	-	-	-	PIPE BENDS TO THE LEFT	-	-
26.3	2:49	Access Point Mainline	AML	-	-	-	-	OFFICE BUILDING	-	-

OBSERVATION SNAPSHOTS

DATE: 1/19/2026
LATERAL SEG REF. Office Building_F-M_
UP MH: SSCO-02
DOWN MH: SSMH-02



ACOH

0 ft



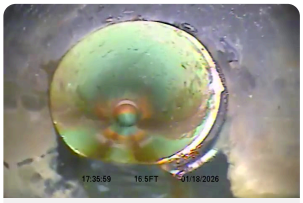
MWL

0 ft



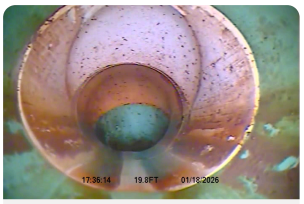
MGP

10.4 ft



JOM 3

16.5 ft



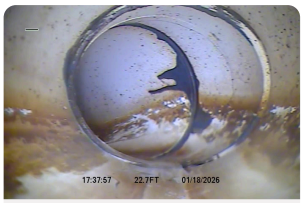
MGO

19.8 ft



MGO

20.1 ft



MGO

22.7 ft



AML

26.3 ft

RATINGS

DATE: 1/19/2026
LATERAL SEG REF. Office Building_F-M_
UP MH: SSCO-02
DOWN MH: SSMH-02

PIPE RATING INDEX	Overall	Structural	O&M
	3	3	

Sum of all graded conditions divided by the total number of conditions. 0-5 scale.

PIPE RATING	Overall	Structural	O&M
	3	3	0

Sum of all graded conditions.

QUICK RATING	Overall	Structural	O&M	Likelihood of Failure
	3 1 0 0	3 1 0 0	0 0 0 0	3.1

First digit is highest graded condition. Second digit is count of those conditions (A = 10-14, B = 15-19, etc.). Third digit is second-highest graded condition. Fourth digit is count of those conditions. LoF is Quick Rating divided by 10 (scale from 0-6).

FREQUENCY OF CONDITION GRADES	Grade	1	2	3	4	5
	#	0	0	1	0	0

Count of each condition grade in the inspection.

Bess Utility Solutions Summary: Spruce Elementary

To whom this may concern,

After our CCTV Investigation of the sewer system at Spruce Elementary School in South San Francisco, we have found some areas of concerns that may be the source of the bathroom backing issues on the school property. From SSCO-06 to SSCO-08, when the sewer pipeline transitions to cast iron, we can see signs of heavy corrosion in the pipeline which is typical in this type of pipeline material. We also see this same issue in other surrounding sewer pipelines with the same pipe material such as SSCO-10 to SSCO-12, SSCO-12 to SSMH-05, SSCO-08 to SSCO-09, and SSCO-09 to Main. When hydro cleaning the sewer mainlines from SSCO-08 to SSCO-09, the water from the hydro cleaning was trying to discharge from SSCO-08 the upstream access point. This is not usually typical for this to occur during cleaning as gravity is supposed to allow the water to flow downstream but there doesn't appear to be enough grade slope to allow the water to leave the sewer pipelines.

Also, with the heavy corrosion inside these pipelines, it may make it difficult for sewage waste to flow downstream into the lower portions of the sewer system. The girl's bathroom near classroom 13, we seen heavy debris inside the sewer pipeline which may be the source of any backing up issues on this upper portion of the nearby buildings. We could not hydro clean this segment due to limit access with our hydro flushing equipment, we put high pressure water to try and push the waste material but due to the multiple bends in the 2" access we had outside the girl's bathroom, we were unsuccessful. We tried and cleaned as much material as possible from SSMH-05 to the connecting point from SSMH-04 to SSCO-03 but due to the roots and bends, there was still debris and roots inside this sewer segment. The gymnasium had two sewer laterals connecting to the building which we video recorded. The first lateral was capped off at 4.5ft. The second sewer lateral appears collapsed at 7.5ft which will need immediate repairs to allow the sewer to discharge into the mainline segment. Besides these segments mentioned, the other portions of the sewer system that were plastic pipeline material appears to be in good working order.

There is a sewer mainline that runs through the front gate of the school property from SSMH-02 to SSMH-03 appears in fair condition. We didn't find any sewer lateral connections to this sewer segment from the school. The office building connects SSCO-02 to SSMH-02 and appears to be in good order besides the joint offset we found near SSMH-02. I recommend repairing the gymnasium sewer lateral due to the collapsed pipeline and

restoring its functionality. I would also suggest that the sewer pipeline from SSCO-08 to SSCO-09 and SSCO-09 to Main to be replaced to improve water flow with better slope grade and for the sewage waste material to exit into the lower sewer system. The other pipelines from SSCO-10 to SSCO-12 and SSCO-12 to SSMH-05 have corrosions but the water flow was discharging as it should which you can possibly continue usage of this pipeline until issues arise. The girl's bathroom near Classroom 13 will also possibly need replacement due to the signs of heavy corrosion and installing an accessible sewer clean out for future maintenance solutions. This concludes the pipeline assessment report. If you have any issues or concerns, please let me know.

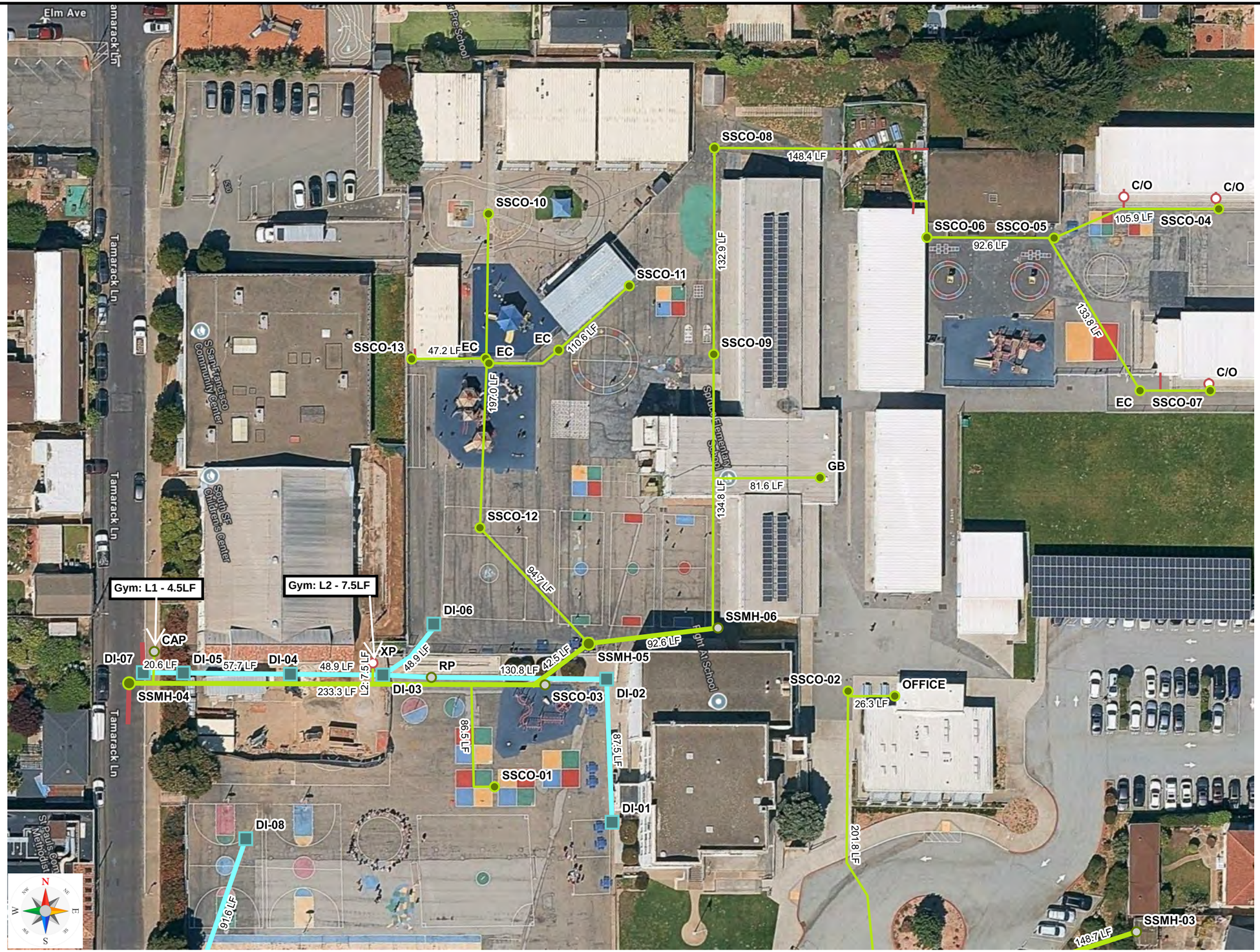
Uriel Jimenez – CCTV Specialists

Bess Utility Solutions

510-363-4250

uriel@besstestlab.com

BTL:P29-5-3029 -Bess Utility Solutions- Post Map 01 - Spruce Elementary South San Francisco - Date: 01/31/26



BESS
UTILITY SOLUTIONS
2463 Tripaldi Way | Hayward, CA 94565
Phn: (408) 988-0101 | Fax: (408) 988-0103
www.besstestlab.com

CCTV SKETCH CONVENTIONS

- PIPELINE SEGMENT STATUS
  - PERFORMED INSPECTION OF SEWER PIPELINE SEGMENT (SS)
  - PERFORMED INSPECTION OF STORM DRAIN PIPELINE SEGMENT (SD)
  - UNABLE TO ACCESS / UTA PIPELINE SEGMENT (NO ACCESS, BLOCKAGE - CAMERA CANNOT CONTINUE INSPECTION)
- ACCESS POINTS
  - ACCESS SS MAIN - MANHOLE (MH), CLEANOUT MAIN (COM)
  - ACCESS SD MAIN - MANHOLE (MH), CATCH BASIN (CB), DRAIN INLET (DI)
  - LOCATED BUT UNABLE TO ACCESS
- ADDRESS / UNIT STATUS
  - UNINITIATED INSPECTION
  - INSPECTION ATTEMPT IN PROGRESS
  - SS LATERALS COMPLETED
  - UNSUCCESSFUL INSPECTION
- OTHER CONVENTIONS
  - CROSS BORE
  - PIPE BLOCKAGE
  - UNDERGROUND SERVICE ALERT BRACKET MARK (USA)
  - GAS METER
  - PROPERTY LINE

DISCLAIMER: THIS SKETCH IS NOT INTENDED FOR DESIGN PURPOSES

811 Know what's **below.** **Call** before you dig.

NO.	REVISION/ISSUE	DATE

PROJECT:		
DATE:	SCALE: N.T.S.	SHEET 1
DRAWN BY:		
CHECKED BY:		
PROJECT NO.:		

BTL:P29-5-3029 -Bess Utility Solutions- Post Map 02 - Spruce Elementary South San Francisco - Date: 01/31/26



BESS
UTILITY SOLUTIONS
2463 Tripaldi Way | Hayward, CA 94565
Phn: (408) 988-0101 | Fax: (408) 988-0103
www.besstestlab.com

CCTV SKETCH CONVENTIONS

- PIPELINE SEGMENT STATUS
  - PERFORMED INSPECTION OF SEWER PIPELINE SEGMENT (SS)
  - PERFORMED INSPECTION OF STORM DRAIN PIPELINE SEGMENT (SD)
  - UNABLE TO ACCESS / UTA PIPELINE SEGMENT (NO ACCESS, BLOCKAGE - CAMERA CANNOT CONTINUE INSPECTION)
- ACCESS POINTS
  - ACCESS SS MAIN - MANHOLE (MH), CLEANOUT MAIN (COM)
  - ACCESS SD MAIN - MANHOLE (MH), CATCH BASIN (CB), DRAIN INLET (DI)
  - LOCATED BUT UNABLE TO ACCESS
- ADDRESS / UNIT STATUS
  - UNINITIATED INSPECTION
  - INSPECTION ATTEMPT IN PROGRESS
  - SS LATERALS COMPLETED
  - UNSUCCESSFUL INSPECTION
- OTHER CONVENTIONS
  - CROSS BORE
  - PIPE BLOCKAGE
  - UNDERGROUND SERVICE ALERT BRACKET MARK (USA)
  - GAS METER
  - PROPERTY LINE

DISCLAIMER: THIS SKETCH IS NOT INTENDED FOR DESIGN PURPOSES

811 Know what's **below.** **Call** before you dig.

NO.	REVISION/ISSUE	DATE

PROJECT:		
DATE:	SCALE: N.T.S.	SHEET 2
DRAWN BY:		
CHECKED BY:		
PROJECT NO.:		