



INSPECTION REPORT

August 25, 2025

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Asset	Type	Date	Up MH	Down MH	Height	4/5's	Total Length	Length Surveyed	Page
DI-03 to DI-04_	PACP	7/22/2025	DI-04	DI-03	8			51.8	1
DI-03 to DI-02	PACP	7/22/2025	DI-03	DI-02	8			62.4	7
DI-02 to DI-01	PACP	7/22/2025	DI-02	DI-01	12	!		108.4	13
SSCO-04 to SSCO-02	PACP	7/22/2025	SSCO-04	SSCO-02	6			66.1	19
SSCO-03 to SSCO-04	PACP	7/22/2025	SSCO-03	SSCO-04	2	!	MSA	0.6	25
SSCO-02 to MH-01	PACP	7/22/2025	SSCO-02	MH-01	6		MSA	212.1	31
SSCO-01 to SSCO-02	PACP	7/22/2025	SSCO-01	SSCO-02	6			175.8	39
SDCO-01 to Main_	LACP	7/22/2025	SDCO-01	MAIN	6			64.1	47
Total							0.0	741.3	

INSPECTION REPORT

July 22, 2025

Pipe Segment Reference: DI-03 to DI-04_

Upstream MH: DI-04

Surveyed By: Uriel Jimenez

Length Surveyed: 51.8

Material: RCP

INSPECTION HEADER

DATE: 7/22/2025
PIPE SEG REF. DI-03 to DI-04_
UP MH: DI-04
DOWN MH: DI-03

SUMMARY

Inspection Date 7/22/2025 11:35 AM	Pipe Segment Reference DI-03 to DI-04_	Surveyed By Uriel Jimenez	Certificate Number U-315-06023152
Project	Street St Cloud Drive	Upstream MH DI-04	Downstream MH DI-03
Direction Upstream	Pre-Cleaning Heavy Cleaning	Total Length (ft)	Length Surveyed (ft) 51.8

ASSET

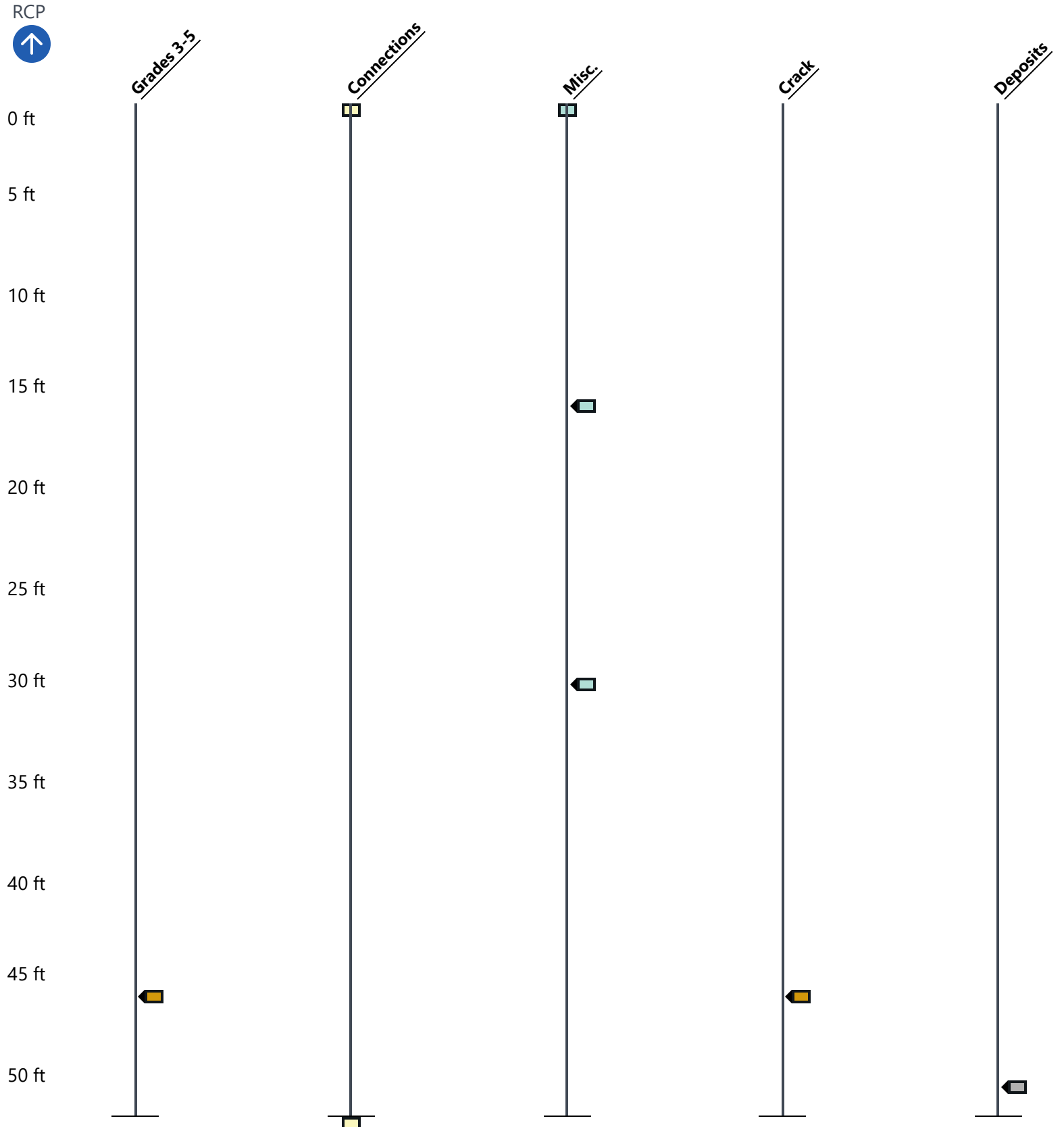
Height (in) 8	Shape Circular	Material Reinforced Concrete Pipe	Pipe Use Stormwater Pipe
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INSPECTION

Inspection Time 11:35 AM	City San Bruno, CA	Inspection Status CI	Date Cleaned 7/21/2025
In Feet (Imperial) Yes			

SMART DIAGRAM

DATE: 7/22/2025
 PIPE SEG REF. DI-03 to DI-04_
 UP MH: DI-04
 DOWN MH: DI-03



OBSERVATIONS

DATE: 7/22/2025
PIPE SEG REF. DI-03 to DI-04_
UP MH: DI-04
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	0:06	Miscellaneous Water Level	MWL	-	-	-	-	0%	-	-
15.1	0:27	Miscellaneous General Photograph	MGP		-	-	-	GENERAL PHOTO	-	-
29.3	0:46	Miscellaneous General Photograph	MGP		-	-	-	GENERAL PHOTO	-	-
45.3	1:08	Crack Multiple	CM		-	-	-	MULTIPLE CRACKS NEAR JOINT	-	3
49.9	1:20	Deposits Attached Other	DAZ		-	-	5	DEPOSITS AROUND JOINT	-	2
51.8	1:33	Access Point Catch Basin	ACB	-	-	-	-	DI-04	-	-

OBSERVATION SNAPSHOTS

DATE: 7/22/2025
PIPE SEG REF. DI-03 to DI-04_
UP MH: DI-04
DOWN MH: DI-03



ACB

0 ft



MWL

0 ft



MGP

15.1 ft 12 - 12:00



MGP

29.3 ft 12 - 12:00



CM

3

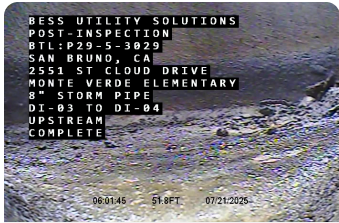
45.3 ft 10 - 2:00



DAZ

2

49.9 ft 10 - 7:00



ACB

51.8 ft

RATINGS

DATE: 7/22/2025
PIPE SEG REF. DI-03 to DI-04_
UP MH: DI-04
DOWN MH: DI-03

PIPE RATING INDEX	Overall	Structural	O&M
	2.5	3	2

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

PIPE RATING	Overall	Structural	O&M
	5	3	2

Sum of all graded conditions.

QUICK RATING	Overall	Structural	O&M	Likelihood of Failure
	3121	3100	2100	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	1	1	0	0

Count of each condition grade in the inspection.

INSPECTION REPORT

July 22, 2025

Pipe Segment Reference: DI-03 to DI-02

Upstream MH: DI-03

Surveyed By: Uriel Jimenez

Length Surveyed: 62.4

Material: RCP

INSPECTION HEADER

DATE: 7/22/2025
PIPE SEG REF. DI-03 to DI-02
UP MH: DI-03
DOWN MH: DI-02

SUMMARY

Inspection Date 7/22/2025 11:33 AM	Pipe Segment Reference DI-03 to DI-02	Surveyed By Uriel Jimenez	Certificate Number U-315-06023152
Project	Street St Cloud Drive	Upstream MH DI-03	Downstream MH DI-02
Direction Downstream	Pre-Cleaning Heavy Cleaning	Total Length (ft)	Length Surveyed (ft) 62.4

ASSET

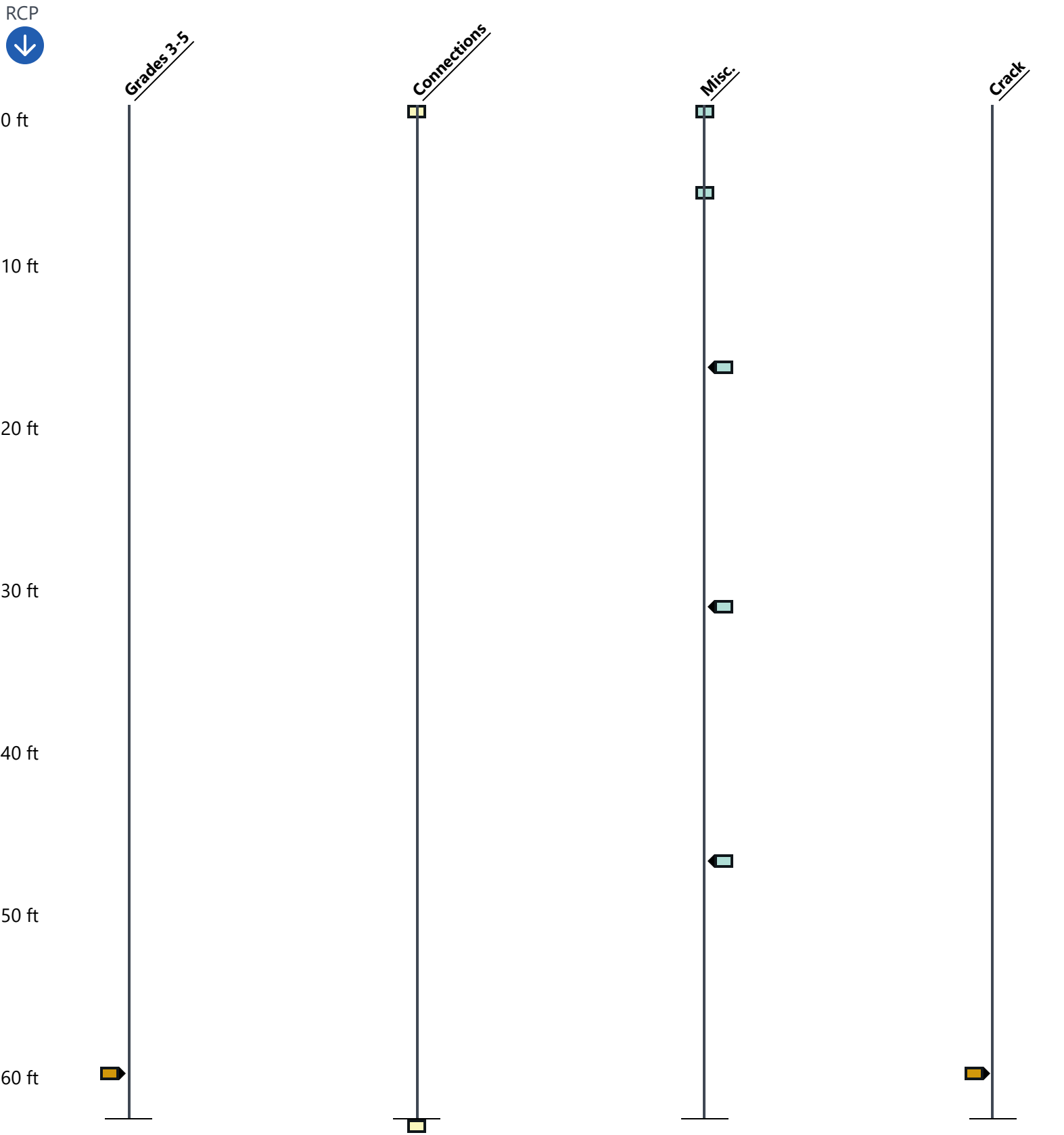
Height (in) 8	Shape Circular	Material Reinforced Concrete Pipe	Pipe Use Stormwater Pipe
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INSPECTION

Inspection Time 11:33 AM	City San Bruno, CA	Inspection Status CI	Date Cleaned 7/21/2025
In Feet (Imperial) Yes			

SMART DIAGRAM

DATE: 7/22/2025
PIPE SEG REF. DI-03 to DI-02
UP MH: DI-03
DOWN MH: DI-02



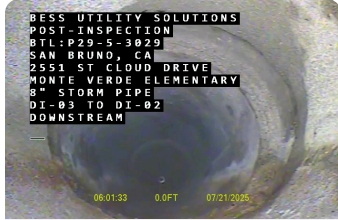
OBSERVATIONS

DATE: 7/22/2025
 PIPE SEG REF. DI-03 to DI-02
 UP MH: DI-03
 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-03	-	-
0	0:06	Miscellaneous Water Level	MWL	-	-	-	5	5%	-	-
5	0:28	Miscellaneous General Obser vatio...	MGO	-	-	-	-	SDCO-01 JOINS WITH THIS STORM S EGMENT	-	-
15.7	1:00	Miscellaneous General Photo graph	MGP		-	-	-	GENERAL PHOTO	-	-
30.4	1:19	Miscellaneous General Photo graph	MGP		-	-	-	GENERAL PHOTO	-	-
46.1	1:38	Miscellaneous General Photo graph	MGP		-	-	-	GENERAL PHOTO	-	-
59.1	1:58	Crack Multiple	CM		-	-	-	MULTIPLE CRACKS AT JOINT	-	3
62.4	2:12	Access Point Catch Basin	ACB	-	-	-	-	DI-02	-	-

OBSERVATION SNAPSHOTS

DATE: 7/22/2025
 PIPE SEG REF. DI-03 to DI-02
 UP MH: DI-03
 DOWN MH: DI-02



ACB

0 ft



MWL

0 ft



MGO

5 ft



MGP

15.7 ft

12 - 12:00



MGP

30.4 ft

12 - 12:00



MGP

46.1 ft

12 - 12:00



CM

59.1 ft

1 - 4:00

3



ACB

62.4 ft

RATINGS

DATE: 7/22/2025
PIPE SEG REF. DI-03 to DI-02
UP MH: DI-03
DOWN MH: DI-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
	3100	3100	0000	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

July 22, 2025

Pipe Segment Reference: DI-02 to DI-01

Upstream MH: DI-02

Surveyed By: Uriel Jimenez

Length Surveyed: 108.4

Material: RCP

INSPECTION HEADER

DATE: 7/22/2025
PIPE SEG REF. DI-02 to DI-01
UP MH: DI-02
DOWN MH: DI-01

SUMMARY

Inspection Date 7/22/2025 11:32 AM	Pipe Segment Reference DI-02 to DI-01	Surveyed By Uriel Jimenez	Certificate Number U-315-06023152
Project	Street St Cloud Drive	Upstream MH DI-02	Downstream MH DI-01
Direction Downstream	Pre-Cleaning Heavy Cleaning	Total Length (ft)	Length Surveyed (ft) 108.4

ASSET

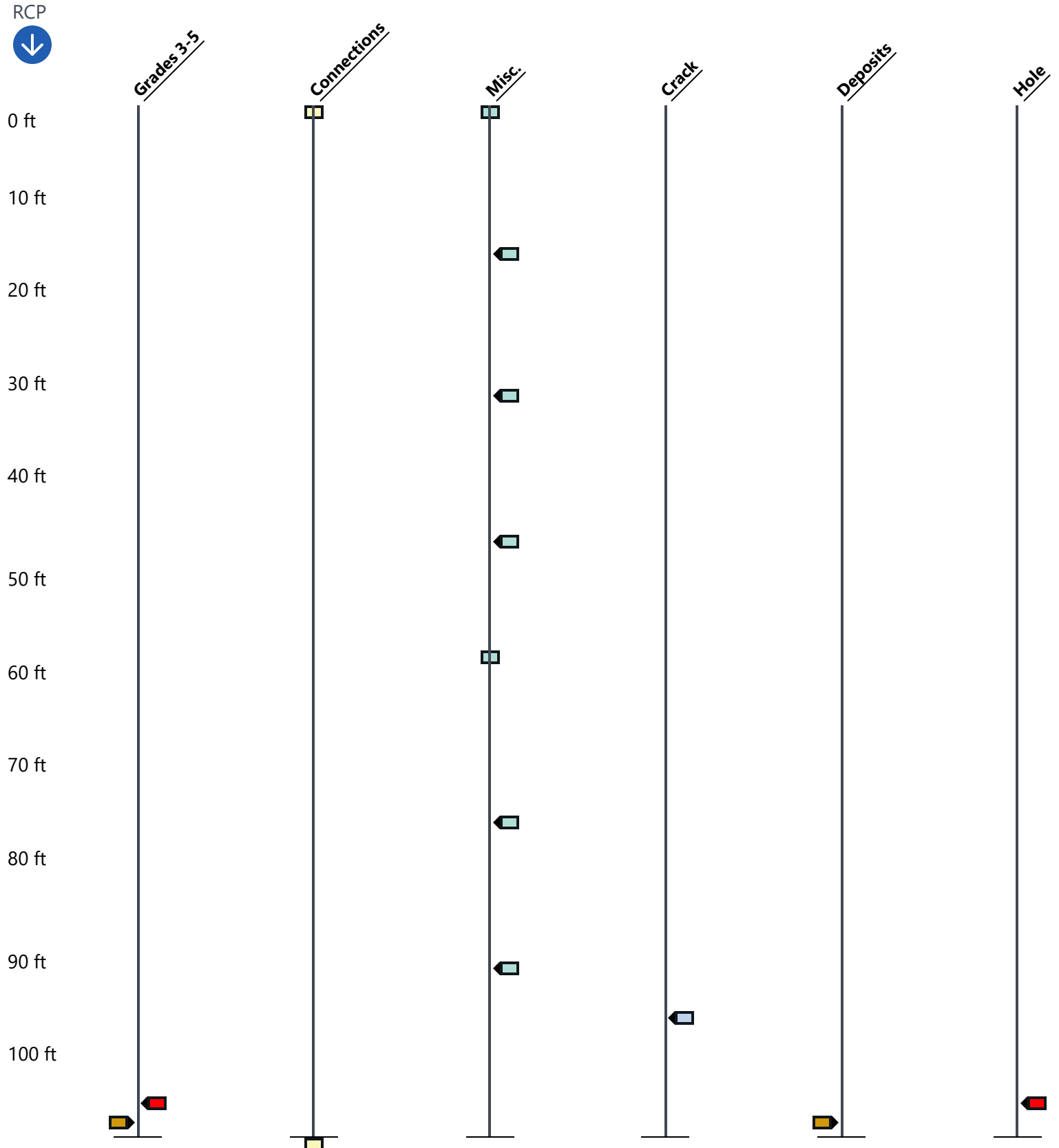
Height (in) 12	Shape Circular	Material Reinforced Concrete Pipe	Pipe Use Stormwater Pipe
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INSPECTION

Inspection Time 11:32 AM	City San Bruno, CA	Inspection Status CI	Date Cleaned 7/21/2025
In Feet (Imperial) Yes			

SMART DIAGRAM

DATE: 7/22/2025
 PIPE SEG REF. DI-02 to DI-01
 UP MH: DI-02
 DOWN MH: DI-01



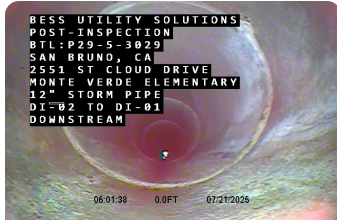
OBSERVATIONS

DATE: 7/22/2025
 PIPE SEG REF. DI-02 to DI-01
 UP MH: DI-02
 DOWN MH: DI-01

Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:00	Access Point Catch Basin	ACB	-	-	-	-	DI-02	-	-
0	0:08	Miscellaneous Water Level	MWL	-	-	-	-	0%	-	-
14.8	0:27	Miscellaneous General Photogr aph	MGP		-	-	-	GENERAL PHOTO	-	-
29.8	0:45	Miscellaneous General Photogr aph	MGP		-	-	-	GENERAL PHOTO	-	-
45.1	1:01	Miscellaneous General Photogr aph	MGP		-	-	-	GENERAL PHOTO	-	-
57.2	1:21	Miscellaneous General Observa tio...	MGO	-	-	-	-	3 O CLOCK BRANCH CONNECTI ON	-	-
74.6	1:59	Miscellaneous General Photogr aph	MGP		-	-	-	GENERAL PHOTO	-	-
89.9	2:16	Miscellaneous General Photogr aph	MGP		-	-	-	GENERAL PHOTO	-	-
95.1	2:24	Crack Circumferential	CC		-	-	-	CIRCUMFERENTIAL CRACK AT JO INT	-	1
104	2:37	Hole	H		-	-	-	HOLE AT 12 O CLOCK POSITION	-	4
106	2:39	Deposits Attached Other	DAZ		-	-	15	DEPOSIT AT BOTTOM OF STORM PIPE	-	3
108.4	2:55	Access Point Catch Basin	ACB	-	-	-	-	DI-01	-	-

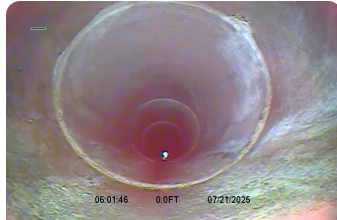
OBSERVATION SNAPSHOTS

DATE: 7/22/2025
PIPE SEG REF. DI-02 to DI-01
UP MH: DI-02
DOWN MH: DI-01



ACB

0 ft



MWL

0 ft



MGP

14.8 ft 12 - 12:00



MGP

29.8 ft 12 - 12:00



MGP

45.1 ft 12 - 12:00



MGO

57.2 ft



MGP

74.6 ft 12 - 12:00



MGP

89.9 ft 12 - 12:00



CC

95.1 ft 10 - 2:00



H

104 ft 12:00



DAZ

106 ft 5 - 7:00



ACB

108.4 ft

RATINGS

DATE: 7/22/2025
PIPE SEG REF. DI-02 to DI-01
UP MH: DI-02
DOWN MH: DI-01

PIPE RATING INDEX	Overall	Structural	O&M
	2.7	2.5	3

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

PIPE RATING	Overall	Structural	O&M
	8	5	3

Sum of all graded conditions.

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

Count of each condition grade in the inspection.

INSPECTION REPORT

July 22, 2025

Pipe Segment Reference: SSCO-04 to SSCO-02

Upstream MH: SSCO-04

Surveyed By: Uriel Jimenez

Length Surveyed: 66.1

Material: CAS

INSPECTION HEADER

DATE: 7/22/2025
PIPE SEG REF. SSCO-04 to SSCO-02
UP MH: SSCO-04
DOWN MH: SSCO-02

SUMMARY

Inspection Date 7/22/2025 11:31 AM	Pipe Segment Reference SSCO-04 to SSCO-02	Surveyed By Uriel Jimenez	Certificate Number U-315-06023152
Project	Street St Cloud Drive	Upstream MH SSCO-04	Downstream MH SSCO-02
Direction Downstream	Pre-Cleaning Heavy Cleaning	Total Length (ft)	Length Surveyed (ft) 66.1

ASSET

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

Inspection Time 11:31 AM	City San Bruno, CA	Inspection Status CI	Date Cleaned 7/21/2025
In Feet (Imperial) Yes			

SMART DIAGRAM

DATE: 7/22/2025
PIPE SEG REF. SSCO-04 to SSCO-02
UP MH: SSCO-04
DOWN MH: SSCO-02



OBSERVATIONS

DATE: 7/22/2025

PIPE SEG REF. SSCO-04 to SSCO-02

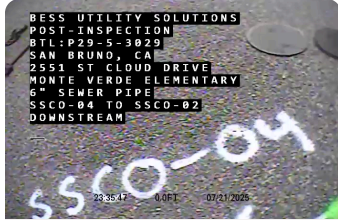
UP MH: SSCO-04

DOWN MH: SSCO-02

Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:00	Access Point Cleanout Mainline	AKO	-	-	-	-	SSCO-04	-	-
0	0:31	Miscellaneous Water Level	MWL	-	-	-	5	5%	-	-
0	0:33	Surface Damage Corrosion	SCP		-	-	-	START OF SURFACE CORROSION IN PIPE	S01	3
11.9	0:57	Miscellaneous General Observation...	MGO	-	-	-	-	11 O CLOCK BRANCH	-	-
25.9	1:26	Miscellaneous General Photograph	MGP		-	-	-	GENERAL PHOTO	-	-
39	1:52	Miscellaneous General Observation...	MGO	-	-	-	-	1 O CLOCK BRANCH	-	-
45.6	2:15	Surface Damage Corrosion	SCP		-	-	-	END OF SURFACE CORROSION IN PIPE	F01	3
60.6	2:37	Miscellaneous General Photograph	MGP		-	-	-	GENERAL PHOTO	-	-
64.4	2:46	Miscellaneous General Observation...	MGO	-	-	-	-	PIPE BENDS TO THE LEFT	-	-
66.1	3:08	Access Point Cleanout Mainline	AKO	-	-	-	-	SSCO-02	-	-

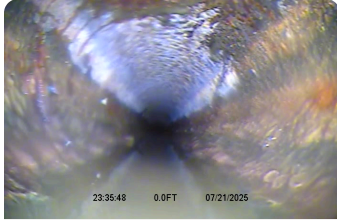
OBSERVATION SNAPSHOTS

DATE: 7/22/2025
 PIPE SEG REF. SSCO-04 to SSCO-02
 UP MH: SSCO-04
 DOWN MH: SSCO-02



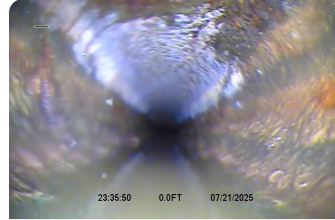
ACOM

0 ft



MWL

0 ft



SCP

0 ft

3

7 - 5:00



MGO

11.9 ft



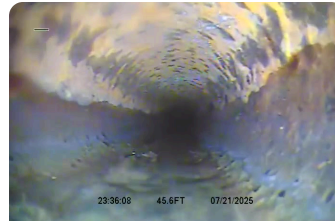
MGP

25.9 ft 12 - 12:00



MGO

39 ft



SCP

45.6 ft 7 - 5:00

3



MGP

60.6 ft 12 - 12:00



MGO

64.4 ft



ACOM

66.1 ft

RATINGS

DATE: 7/22/2025
PIPE SEG REF. SSCO-04 to SSCO-02
UP MH: SSCO-04
DOWN MH: SSCO-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
	27	27	0

Sum of all graded conditions.

QUICK RATING	Overall	Structural	O&M	Likelihood of Failure
	3900	3900	0000	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

July 22, 2025

Pipe Segment Reference: SSCO-03 to SSCO-04

Upstream MH: SSCO-03

Surveyed By: Uriel Jimenez

Length Surveyed: 0.6 

Material: CAS

INSPECTION HEADER

DATE: 7/22/2025
PIPE SEG REF. SSCO-03 to SSCO-04
UP MH: SSCO-03
DOWN MH: SSCO-04

SUMMARY

Inspection Date 7/22/2025 11:30 AM	Pipe Segment Reference SSCO-03 to SSCO-04	Surveyed By Uriel Jimenez	Certificate Number U-315-06023152
Project	Street St Cloud Drive	Upstream MH SSCO-03	Downstream MH SSCO-04
Direction Downstream	Pre-Cleaning Heavy Cleaning	Total Length (ft)	Length Surveyed (ft) 0.6

ASSET

Height (in) 2	Shape Circular	Material Cast Iron	Pipe Use Sanitary Sewage Pipe
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INSPECTION

Inspection Time 11:30 AM	City San Bruno, CA	Inspection Status CI	Date Cleaned 7/21/2025
In Feet (Imperial) Yes			

SMART DIAGRAM

DATE: 7/22/2025
PIPE SEG REF. SSCO-03 to SSCO-04
UP MH: SSCO-03
DOWN MH: SSCO-04

CAS



0 ft

Grades 3-5

Connections

Misc.

Deposits



0.5 ft



OBSERVATIONS

DATE: 7/22/2025
PIPE SEG REF. SSCO-03 to SSCO-04
UP MH: SSCO-03
DOWN MH: SSCO-04

Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:00	Access Point Cleanout Mainline	AKO	-	-	-	-	SSCO-03	-	-
0	0:33	Miscellaneous Water Level	MWL	-	-	-	-	0%	-	-
0.3	0:39	Deposits Attached Encrustation	DAE		-	-	65	DEPOSIT NEAR ENTRANCE OF CLEANOUT	-	5
0.6	0:52	Miscellaneous Survey Abandoned	MSA	-	-	-	-	UNABLE TO PASS DEPOSIT NEAR CLEANOUT	-	-

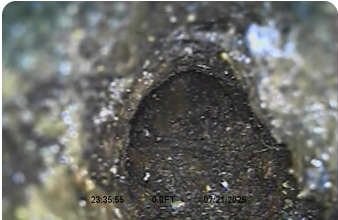
OBSERVATION SNAPSHOTS

DATE: 7/22/2025
PIPE SEG REF. SSCO-03 to SSCO-04
UP MH: SSCO-03
DOWN MH: SSCO-04



ACOM

0 ft



MWL

0 ft



DAE

0.3 ft

5

2 - 10:00



MSA

0.6 ft

RATINGS

DATE: 7/22/2025
PIPE SEG REF. SSCO-03 to SSCO-04
UP MH: SSCO-03
DOWN MH: SSCO-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	0	5

Sum of all graded conditions.

QUICK RATING	Overall	Structural	O&M	Likelihood of Failure
	5100	0000	5100	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

July 22, 2025

Pipe Segment Reference: SSCO-02 to MH-01

Upstream MH: SSCO-02

Surveyed By: Uriel JimenezA

Length Surveyed: 212.1 **MSA**

Material: CAS

INSPECTION HEADER

DATE: 7/22/2025
PIPE SEG REF. SSCO-02 to MH-01
UP MH: SSCO-02
DOWN MH: MH-01

SUMMARY

Inspection Date 7/22/2025 11:29 AM	Pipe Segment Reference SSCO-02 to MH-01	Surveyed By Uriel JimenezA	Certificate Number U-315-06023152
Project	Street St Cloud Drive	Upstream MH SSCO-02	Downstream MH MH-01
Direction Downstream	Pre-Cleaning Heavy Cleaning	Total Length (ft)	Length Surveyed (ft) 212.1

ASSET

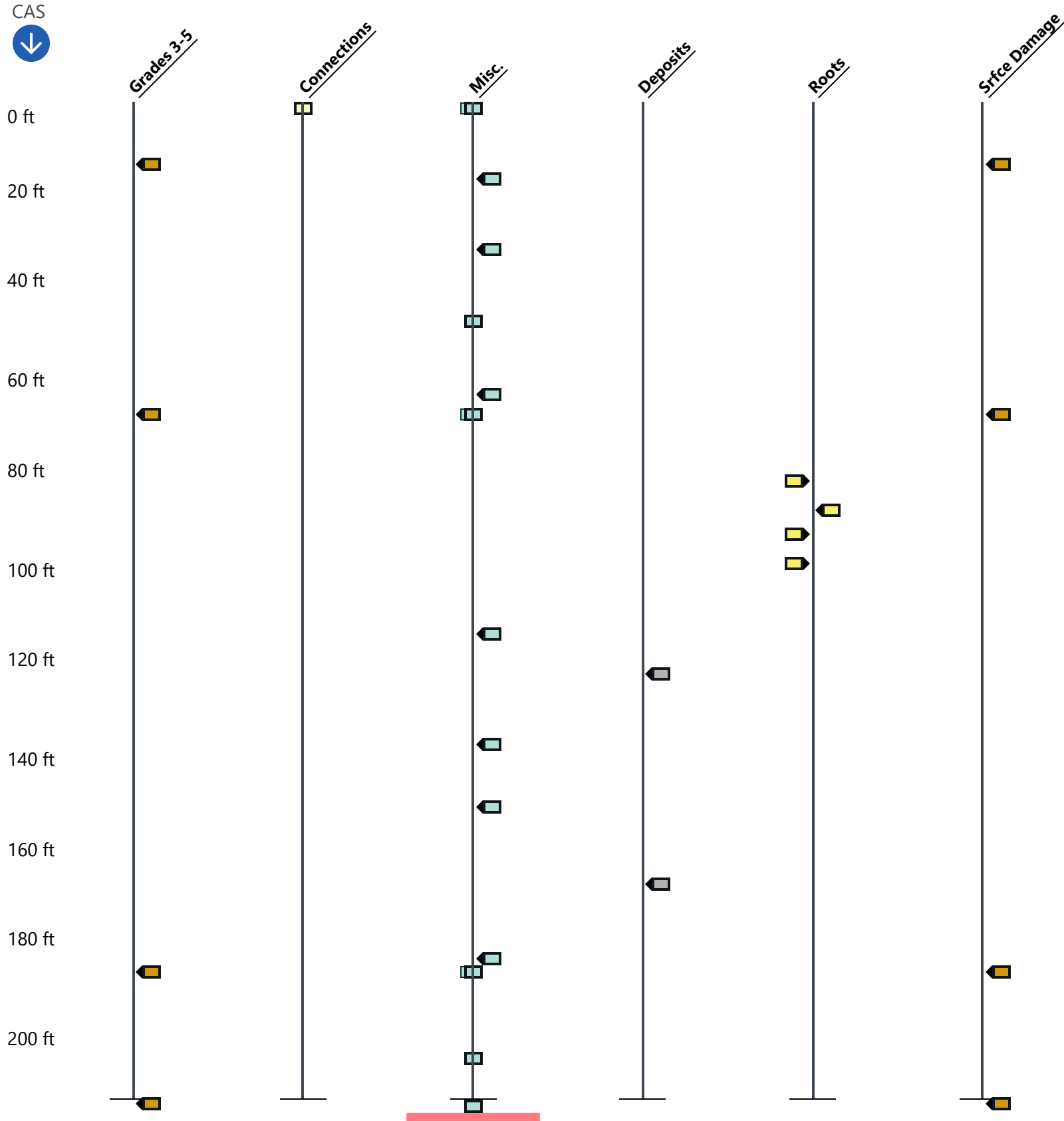
Height (in) 6	Shape Circular	Material Cast Iron	Pipe Use Sanitary Sewage Pipe
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INSPECTION

Inspection Time 11:29 AM	City San Bruno, CA	Inspection Status CI	Date Cleaned 7/21/2025
In Feet (Imperial) Yes			

SMART DIAGRAM

DATE: 7/22/2025
 PIPE SEG REF. SSCO-02 to MH-01
 UP MH: SSCO-02
 DOWN MH: MH-01



OBSERVATIONS

DATE: 7/22/2025
 PIPE SEG REF. SSCO-02 to MH-01
 UP MH: SSCO-02
 DOWN MH: MH-01

Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:00	Access Point Cleanout Mainline	AKO	-	-	-	-	SSCO-02	-	-
0	0:47	Miscellaneous Water Level	MWL	-	-	-	5	5%	-	-
0	0:55	Miscellaneous General Observation	MGO	-	-	-	-	SSCO-03 JOINS WITH SEWER SUB MAINLINE	-	-
1.2	1:05	Miscellaneous General Observation	MGO	-	-	-	-	SSCO-01 JOINS WITH SEWER SUB MAINLINE	-	-
11.9	1:24	Surface Damage Corrosion	SCP		-	-	-	START OF SURFACE CORROSION	S01	3
14.8	1:29	Miscellaneous General Photograph	MGP		-	-	-	GENERAL PHOTO	-	-
29.8	1:50	Miscellaneous General Photograph	MGP		-	-	-	GENERAL PHOTO	-	-
45.1	2:19	Miscellaneous General Observation	MGO	-	-	-	-	12 O CLOCK BRANCH	-	-
60.6	2:47	Miscellaneous General Photograph	MGP		-	-	-	GENERAL PHOTO	-	-
65.1	2:54	Miscellaneous General Observation	MGO	-	-	-	-	EXTRA CLEANOUT	-	-
65.1	2:54	Surface Damage Corrosion	SCP		-	-	-	START OF SURFACE CORROSION	F01	3
65.1	2:57	Miscellaneous Material Change	MMC	-	-	-	-	MATERIAL CHANGES FROM CAST IRON TO VCP	-	-
65.4	3:01	Miscellaneous Shape/Size Change	MSC	-	8	-	-	PIPE SIZE CHANGES FROM 6" TO 8"	-	-
79.1	3:21	Roots Fine Joint	RFJ		-	-	-	FINE ROOTS AT JOINT	-	1
85.3	3:40	Roots Fine Joint	RFJ		-	-	-	FINE ROOTS AT JOINT	-	1
90.4	3:56	Roots Fine Joint	RFJ		-	-	-	FINE ROOT AT JOINT	-	1

Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
96.6	4:10	Roots Fine Joint	RFJ		-	-	-	FINE ROOT AT JOINT	-	1
111.6	4:45	Miscellaneous General Photograph	MGP		-	-	-	GENERAL PHOTO	-	-
120.1	5:06	Deposits Attached Encrustation	DAE		-	-	10	DEPOSITS AT JOINT	-	2
135.1	5:30	Miscellaneous General Photograph	MGP		-	-	-	GENERAL PHOTO	-	-
148.4	5:53	Miscellaneous General Photograph	MGP		-	-	-	GENERAL PHOTO	-	-
164.8	6:21	Deposits Attached Encrustation	DAE		-	-	10	DEPOSIT AT JOINT	-	2
180.7	6:50	Miscellaneous General Photograph	MGP		-	-	-	GENERAL PHOTO	-	-
183.5	7:05	Miscellaneous General Observation	MGO	-	-	-	-	EXTRA CLEANOUT (BURIED)	-	-
183.5	7:05	Miscellaneous Material Change	MMC	-	-	-	-	MATERIAL CHANGES FROM VCP TO CAST IRON	-	-
183.5	7:05	Surface Damage Corrosion	SCP		-	-	-	START OF SURFACE CORROSION	S02	3
185.2	7:14	Miscellaneous General Observation	MGO	-	-	-	-	PIPE BENDS TO THE RIGHT	-	-
201.9	7:56	Miscellaneous General Observation	MGO	-	-	-	-	PIPE BENDS TO THE LEFT	-	-
202.5	8:04	Miscellaneous General Observation	MGO	-	-	-	-	EXTRA CLEANOUT	-	-
211.4	9:04	Surface Damage Corrosion	SCP		-	-	-	START OF SURFACE CORROSION	F02	3
212.1	9:20	Miscellaneous Survey Abandoned	MSA	-	-	-	-	CLEARED ASSIGNED SCOPE OF WORK AREA	-	-

OBSERVATION SNAPSHOTS

DATE: 7/22/2025
 PIPE SEG REF. SSCO-02 to MH-01
 UP MH: SSCO-02
 DOWN MH: MH-01



ACOM

0 ft



MWL

0 ft



MGO

0 ft



MGO

1.2 ft



SCP

11.9 ft

3

7 - 5:00



MGP

14.8 ft

12 - 12:00



MGP

29.8 ft

12 - 12:00



MGO

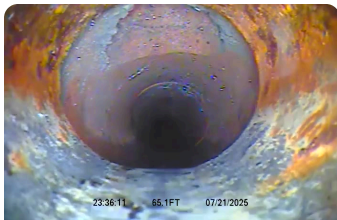
45.1 ft



MGP

60.6 ft

12 - 12:00



MGO

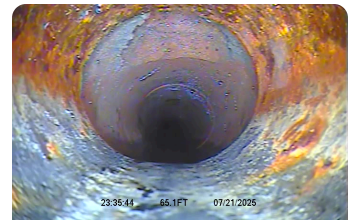
65.1 ft



SCP

65.1 ft

7 - 5:00



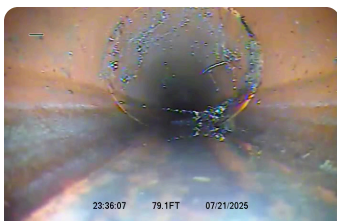
MMC

65.1 ft



MSC

65.4 ft

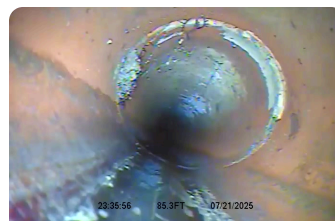


RFJ

79.1 ft

1

2 - 6:00



RFJ

85.3 ft

1

7 - 11:00

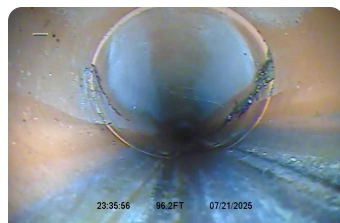


RFJ

90.4 ft

1

4:00



RFJ

1

96.6 ft

3:00



MGP

111.6 ft

12 - 12:00



DAE

2

120.1 ft

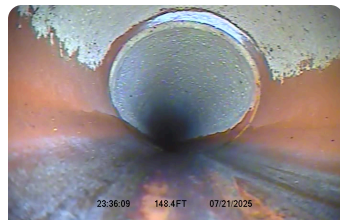
9 - 12:00



MGP

135.1 ft

12 - 12:00



MGP

148.4 ft

12 - 12:00



DAE

2

164.8 ft

12 - 5:00



MGP

180.7 ft

12 - 12:00



MGO

183.5 ft



MMC

183.5 ft



SCP

3

183.5 ft

12 - 12:00



MGO

185.2 ft



MGO

201.9 ft



MGO

202.5 ft



SCP

3

211.4 ft

12 - 12:00



MSA

212.1 ft

BESS UTILITY SOLUTIONS
POST-INSPECTION
BTL:P29-5-3029
SAN BRUNO, CA
2551 ST CLOUD DRIVE
MONTE VERDE ELEMENTARY
6" SEWER PIPE
SSCO-02 TO MH-01
DOWNSTREAM
COMPLETE: CLEARED WORK
AREA, INSPECTION CLEARED

RATINGS

DATE: 7/22/2025
PIPE SEG REF. SSCO-02 to MH-01
UP MH: SSCO-02
DOWN MH: MH-01

PIPE RATING INDEX	Overall2.6	Structural3	O&M1.3
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Sum of all graded conditions divided by the total number of conditions. 0-5 scale.

PIPE RATING	Overall59	Structural51	O&M8
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Sum of all graded conditions.

QUICK RATING	Overall3 B2 2	Structural3 B0 0	O&M2 21 4	Likelihood of Failure4
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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#	14	22	317	40	50
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Count of each condition grade in the inspection.

INSPECTION REPORT

July 22, 2025

Pipe Segment Reference: SSCO-01 to SSCO-02

Upstream MH: SSCO-01

Surveyed By: Uriel Jimenez

Length Surveyed: 175.8

Material: CAS

INSPECTION HEADER

DATE: 7/22/2025
PIPE SEG REF. SSCO-01 to SSCO-02
UP MH: SSCO-01
DOWN MH: SSCO-02

SUMMARY

Inspection Date 7/22/2025 11:26 AM	Pipe Segment Reference SSCO-01 to SSCO-02	Surveyed By Uriel Jimenez	Certificate Number U-315-06023152
Project	Street St Cloud Drive	Upstream MH SSCO-01	Downstream MH SSCO-02
Direction Downstream	Pre-Cleaning Heavy Cleaning	Total Length (ft)	Length Surveyed (ft) 175.8

ASSET

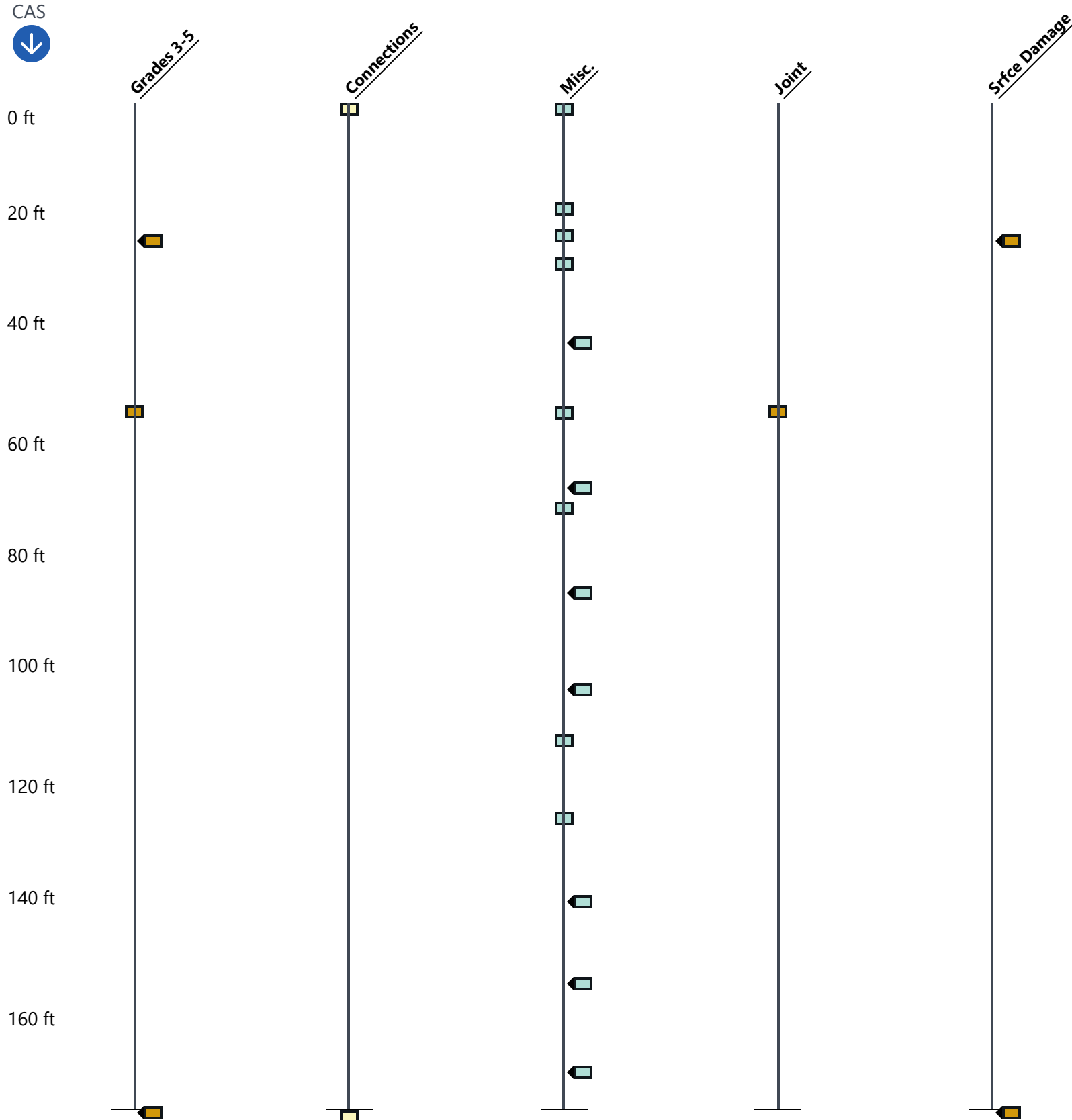
Height (in) 6	Shape Circular	Material Cast Iron	Pipe Use Sanitary Sewage Pipe
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INSPECTION

Inspection Time 11:26 AM	City San Bruno, CA	Inspection Status CI	Date Cleaned 7/21/2025
In Feet (Imperial) Yes			

SMART DIAGRAM

DATE: 7/22/2025
 PIPE SEG REF. SSCO-01 to SSCO-02
 UP MH: SSCO-01
 DOWN MH: SSCO-02



OBSERVATIONS

DATE: 7/22/2025

PIPE SEG REF. SSCO-01 to SSCO-02

UP MH: SSCO-01

DOWN MH: SSCO-02

Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:00	Access Point Cleanout Mainline	AKO	-	-	-	-	SSCO-01	-	-
0	0:34	Miscellaneous Water Level	MWL	-	-	-	5	5%	-	-
17.3	1:05	Miscellaneous General Observation	MGO	-	-	-	-	PIPE MAKES A BEND TO THE LEFT	-	-
17.9	1:22	Miscellaneous General Observation	MGO	-	-	-	-	PIPE BRANCHES INTO ANOTHER SUB SEWER MAINLINE	-	-
22	1:44	Miscellaneous General Observation	MGO	-	-	-	-	EXTRA CLEANOUT	-	-
23	1:54	Miscellaneous Material Change	MMC	-	-	-	-	MATERIAL CHANGES FROM PVC TO CAST IRON	-	-
23	1:54	Surface Damage Corrosion	SCP		-	-	-	SURFACE CORROSION	S01	3
26.8	2:07	Miscellaneous General Observation	MGO	-	-	-	-	3 O CLOCK BRANCH	-	-
40.8	2:39	Miscellaneous General Photograph	MGP		-	-	-	GENERAL PHOTO	-	-
52.6	2:57	Joint Offset Medium	JOM	-	9	3	-	JOINT OFFSET	-	3
52.9	3:05	Miscellaneous General Observation	MGO	-	-	-	-	9 O CLOCK BRANCH	-	-
66	3:30	Miscellaneous General Photograph	MGP		-	-	-	GENERAL PHOTO	-	-
69.6	3:37	Miscellaneous General Observation	MGO	-	-	-	-	11 O CLOCK BRANCH	-	-
70.3	3:47	Miscellaneous General Observation	MGO	-	-	-	-	EXTRA CLEANOUT	-	-
84.3	4:17	Miscellaneous General Photograph	MGP		-	-	-	GENERAL PHOTO	-	-
101.1	4:47	Miscellaneous General Photograph	MGP		-	-	-	GENERAL PHOTO	-	-
110	5:06	Miscellaneous General Observation	MGO	-	-	-	-	EXTRA CLEANOUT	-	-
123.7	5:59	Miscellaneous General Observation	MGO	-	-	-	-	EXTRA CLEAN OUT	-	-

Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
138.3	6:59	Miscellaneous General Photograph	MGP		-	-	-	GENERAL PHOTO	-	-
152.6	7:37	Miscellaneous General Photograph	MGP		-	-	-	GENERAL PHOTO	-	-
167.9	8:33	Miscellaneous General Photograph	MGP		-	-	-	GENERAL PHOTO	-	-
175.1	8:51	Surface Damage Corrosion	SCP		-	-	-	SURFACE CORROSION	F01	3
175.8	9:02	Access Point Cleanout Mainline	ACOM	-	-	-	-	SSCO-02	-	-

OBSERVATION SNAPSHOTS

DATE: 7/22/2025
 PIPE SEG REF. SSCO-01 to SSCO-02
 UP MH: SSCO-01
 DOWN MH: SSCO-02



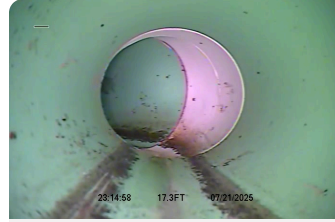
ACOM

0 ft



MWL

0 ft



MGO

17.3 ft



MGO

17.9 ft



MGO

22 ft



MMC

23 ft



SCP

23 ft

12 - 12:00



MGO

26.8 ft



MGP

40.8 ft 12 - 12:00



JOM

52.6 ft



MGO

52.9 ft



MGP

66 ft 12 - 12:00



MGO

69.6 ft



MGO

70.3 ft



MGP

84.3 ft 12 - 12:00



MGP

101.1 ft 12 - 12:00



MGO

110 ft



MGO

123.7 ft



MGP

138.3 ft 12 - 12:00



MGP

152.6 ft 12 - 12:00



MGP

167.9 ft 12 - 12:00



SCP

175.1 ft 12 - 12:00



ACOM

175.8 ft

RATINGS

DATE: 7/22/2025
PIPE SEG REF. SSCO-01 to SSCO-02
UP MH: SSCO-01
DOWN MH: SSCO-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
	93	93	0

Sum of all graded conditions.

QUICK RATING	Overall	Structural	O&M	Likelihood of Failure
	3 E 00	3 E 00	00 00	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	31	0	0

Count of each condition grade in the inspection.

INSPECTION REPORT

July 22, 2025

Pipe Segment Reference: SDCO-01 to Main_

Lateral Segment Reference: SDCO-01 to Main_

Upstream MH: SDCO-01

Surveyed By: Uriel Jimenez

Length Surveyed: 64.1

Material: CAS

INSPECTION HEADER

DATE: 7/22/2025
LATERAL SEG REF. SDCO-01 to Main_
UP MH: SDCO-01
DOWN MH: MAIN

SUMMARY

Inspection Date 7/22/2025 11:35 AM	Pipe Segment Reference SDCO-01 to Main_	Surveyed By Uriel Jimenez	Certificate Number U-315-06023152
Project	Street St Cloud Street	Upstream MH SDCO-01	Downstream MH MAIN
Direction Downstream	Pre-Cleaning	Total Length (ft)	Length Surveyed (ft) 64.1

ASSET

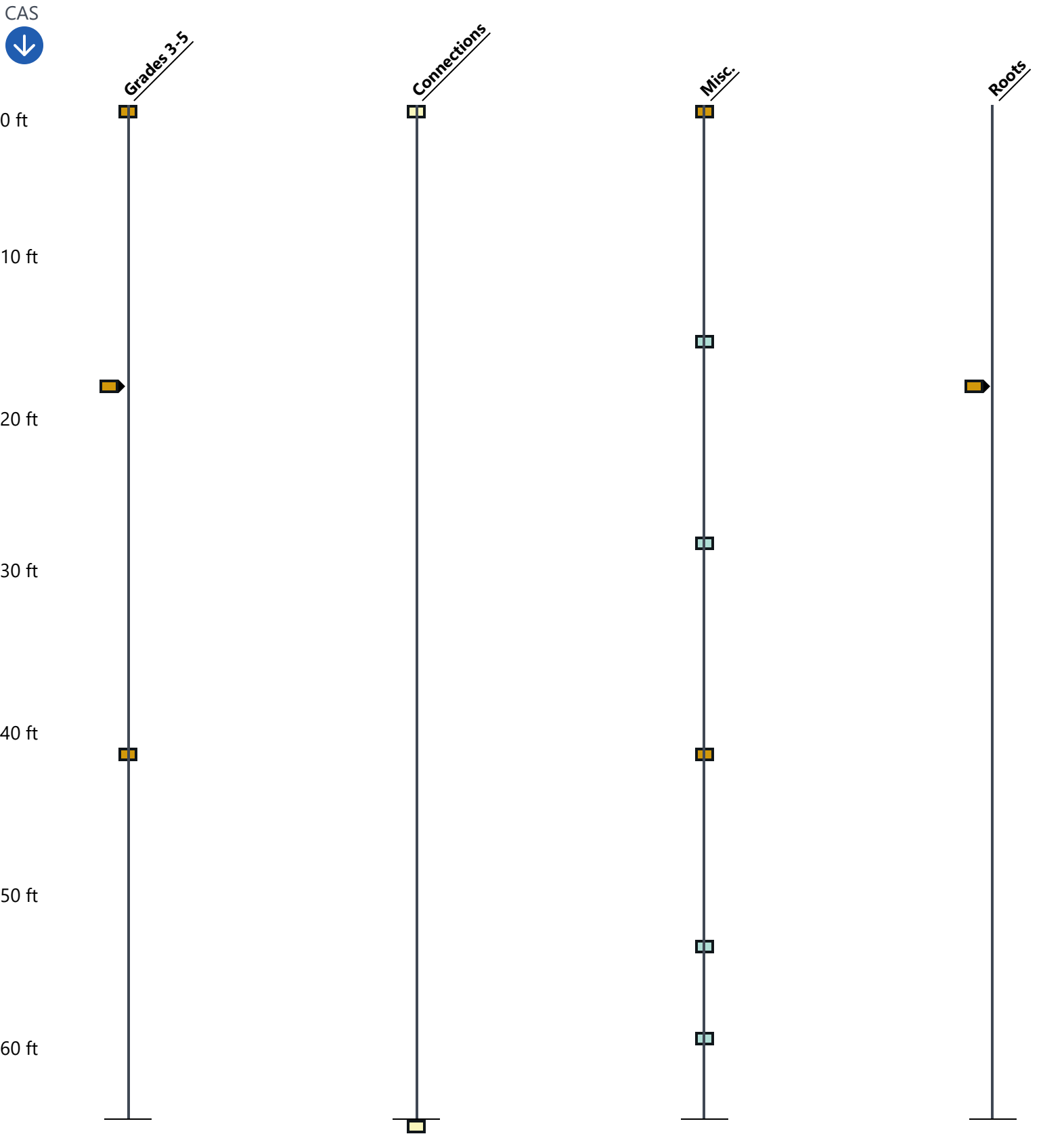
Size 6	Material Cast Iron	Pipe Use Stormwater Pipe	Pipe Segment Reference SDCO-01 to Main_
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INSPECTION

City San Bruno, CA	Inspection Status CI	In Feet (Imperial) Yes
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SMART DIAGRAM

DATE: 7/22/2025
LATERAL SEG REF. SDCO-01 to Main_
UP MH: SDCO-01
DOWN MH: MAIN



OBSERVATIONS

DATE: 7/22/2025

LATERAL SEG REF. SDCO-01 to Main_

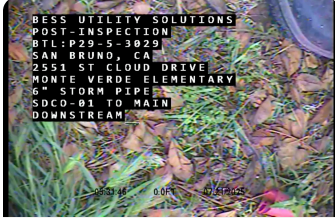
UP MH: SDCO-01

DOWN MH: MAIN

Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:00	Access Point Cleanout Mainline	AKO	-	-	-	-	SDCO-01	-	-
0	0:34	Miscellaneous Water Level	MWL	-	-	-	50	50%	-	-
0	0:34	Miscellaneous Water Level Sag	MWLS	-	-	-	50	WATER SAG IN PIPELINE	S01	3
14.5	1:07	Miscellaneous General Observati o...	MGO	-	-	-	-	12 O CLOCK BRANCH	-	-
17.3	1:21	Roots Medium Lateral	RML		-	-	35	MEDIUM ROOTS	-	3
27.2	1:44	Miscellaneous General Photogra ph	MGP	-	-	-	-	GENERAL PHOTO	-	-
40.6	2:20	Miscellaneous Water Level Sag	MWLS	-	-	-	50	END OF WATER SAG IN PIPELIN E	F01	3
40.6	2:20	Miscellaneous General Observati o...	MGO	-	-	-	-	12 O CLOCK BRANCH	-	-
52.7	2:59	Miscellaneous General Photogra ph	MGP	-	-	-	-	GENERAL PHOTO	-	-
58.5	4:11	Miscellaneous General Observati o...	MGO	-	-	-	-	PIPE BENDS TO THE LEFT	-	-
64.1	3:52	Access Point Mainline	AML	-	-	-	-	AT STORM MAINLINE NEAR DI- 03	-	-

OBSERVATION SNAPSHOTS

DATE: 7/22/2025
 LATERAL SEG REF. SDCO-01 to Main_
 UP MH: SDCO-01
 DOWN MH: MAIN



ACOM

0 ft



MWL

0 ft



MWLS

0 ft

3



MGO

14.5 ft



RML

17.3 ft

3

3 - 9:00



MGP

27.2 ft



MWLS

40.6 ft

3



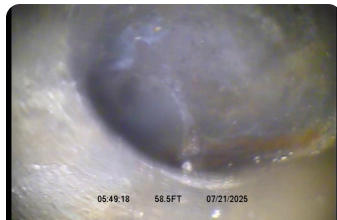
MGO

40.6 ft



MGP

52.7 ft



MGO

58.5 ft



AML

64.1 ft

RATINGS

DATE: 7/22/2025
 LATERAL SEG REF. SDCO-01 to Main_
 UP MH: SDCO-01
 DOWN MH: MAIN

PIPE RATING INDEX	Overall	Structural	O&M
	3	3	3

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

PIPE RATING	Overall	Structural	O&M
	27	24	3

Sum of all graded conditions.

QUICK RATING	Overall	Structural	O&M	Likelihood of Failure
	3900	3800	3100	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.

