APPENDIX C CCTV Reports



Project Summary

Project Name:	Town of W	estwood MA WE 4-9-21						
US MH	DS MH	Pipe ID	Date	Street	Material	Size	Total	Insp
08-126	08-126A	08-126_08-126A	4/8/2021	Washington Street	Asbestos Cement	6	39	39
08-127	08-127A	08-127_08-127A	4/8/2021	Washington Street	Asbestos Cement	6	36	36
08-128	08-128A	08-128_08-128A	4/8/2021	Washington Street	Asbestos Cement	6	40	40
08-129	08-129A	08-129_08-129A	4/8/2021	Washington Street	Asbestos Cement	6	40	40

Pipe Size: 6 Total Ln.: 155 Inspected Ln.: 155

06-092 06-091 06-092,06-092 4/5/2021 Loring Street Asbestos Cement 8 175 175 06-094 06-095 06-095,06-094 4/5/2021 Washington Street Asbestos Cement 8 226 226 06-096 06-096,06-095 4/5/2021 Washington Street Asbestos Cement 8 22 22 06-096 06-112 06-096,06-112 4/5/2021 Washington Street Asbestos Cement 8 22 22 06-104 06-026 06-104_06-026 4/8/2021 Dunkin Route 1 Asbestos Cement 8 24 24 06-111 06-111A 06-111A_06-092 4/6/2021 Loring Street PolyVinyl Chloride 8 36 36 36 08-047 08-048 08-047,06-048 4/6/2021 Washington Street Asbestos Cement 8 262 262 08-049 08-048 08-048,06-049 4/6/2021 Washington Street Asbestos Cement 8 282 282 08-050	US MH	DS MH	Pipe ID	Date	Street	Material	Size	Total	Insp
06-095 06-096 06-096_06-095 4/5/2021 Washington Street Asbestos Cement 8 226 226 06-096 06-112 06-096_06-112 4/5/2021 Washington Street Asbestos Cement 8 22 22 06-104 06-026 06-104_06-026 4/6/2021 Dunkin Route 1 Asbestos Cement 8 24 24 06-111A 06-111A_06-092 4/6/2021 Loring Street PolyVinyl Chloride 8 36 36 06-111A 06-092 06-111A_06-092 4/6/2021 Loring Street PolyVinyl Chloride 8 96 96 08-047 08-048 08-047_08-048 4/6/2021 Washington Street Asbestos Cement 8 262 262 08-049 08-048 08-049 4/6/2021 Washington Street Asbestos Cement 8 25 282 08-049 08-048 08-048_08-049 4/6/2021 Washington Street Asbestos Cement 8 240 240 08-057 08-078_08-086 <td>06-092</td> <td>06-091</td> <td>06-091_06-092</td> <td>4/5/2021</td> <td>Loring Street</td> <td>Asbestos Cement</td> <td>8</td> <td>175</td> <td>175</td>	06-092	06-091	06-091_06-092	4/5/2021	Loring Street	Asbestos Cement	8	175	175
06-096 06-112 06-096_06-112 4/5/2021 Washington Street Asbestos Cement 8 22 22 06-104 06-026 06-104_06-026 4/8/2021 Dunkin Route 1 Asbestos Cement 8 24 24 06-1111 06-1111A 06-111A_06-092 4/6/2021 Loring Street PolyVinyl Chloride 8 36 36 08-047 08-048 08-047_08-048 4/6/2021 Loring Street PolyVinyl Chloride 8 96 96 08-047 08-048 08-047_08-048 4/6/2021 Washington Street Asbestos Cement 8 262 262 08-049 08-048 08-048_08-049 4/6/2021 Washington Street Asbestos Cement 8 262 282 08-049 08-048_08-086 4/6/2021 Washington Street Asbestos Cement 8 240 240 08-077 08-078 08-078_08-086 4/6/2021 Cobleigh Street Asbestos Cement 8 24 243 08-080 08-080	06-094	06-095	06-095_06-094	4/5/2021	Washington Street	Asbestos Cement	8	36	36
06-104 06-026 06-104_06-026 4/8/2021 Dunkin Route 1 Asbestos Cement 8 24 24 06-111 06-111A 06-111_06-111A 4/5/2021 Loring Street PolyVinyl Chloride 8 36 36 06-111A 06-092 06-111A_06-092 4/6/2021 Loring Street PolyVinyl Chloride 8 96 96 08-047 08-048 08-047_08-048 4/6/2021 Washington Street Asbestos Cement 8 262 262 08-049 08-048 08-048_08-049 4/6/2021 Washington Street Asbestos Cement 8 25 262 08-048 08-086 08-048_08-086 4/6/2021 Washington Street Asbestos Cement 8 282 282 08-050 08-080 08-078_08-08-086 4/6/2021 Hooper Street Asbestos Cement 8 24 24 240 08-077 08-078_08-086 08-086_08-089 4/6/2021 Hooper Street Asbestos Cement 8 243 243 <tr< td=""><td>06-095</td><td>06-096</td><td>06-096_06-095</td><td>4/5/2021</td><td>Washington Street</td><td>Asbestos Cement</td><td>8</td><td>226</td><td>226</td></tr<>	06-095	06-096	06-096_06-095	4/5/2021	Washington Street	Asbestos Cement	8	226	226
06-1111 06-111A 06-111A 06-111A 4/5/2021 Loring Street PolyVinyl Chloride 8 36 36 06-111A 06-092 06-111A_06-092 4/6/2021 Loring Street PolyVinyl Chloride 8 96 96 08-047 08-048 08-047_08-048 4/6/2021 Washington Street Asbestos Cement 8 262 262 08-049 08-048 08-048_08-049 4/6/2021 Washington Street Asbestos Cement 8 85 85 08-048 08-086 08-048_086 4/6/2021 Washington Street Asbestos Cement 8 282 282 08-050 08-049 08-050_08-049 4/6/2021 Hooper Street Asbestos Cement 8 240 240 08-077 08-078 08-078_08-086 4/6/2021 Hooper Street Asbestos Cement 8 243 243 08-080 08-086 08-078_08-086 4/6/2021 Washington Street Asbestos Cement 8 150 150	06-096	06-112	06-096_06-112	4/5/2021	Washington Street	Asbestos Cement	8	22	22
06-111A 06-092 06-111A_06-092 4/6/2021 Loring Street PolyVinyl Chloride 8 96 96 08-047 08-048 08-047_08-048 4/6/2021 Washington Street Asbestos Cement 8 262 262 08-049 08-048 08-048_08-049 4/6/2021 Washington Street Asbestos Cement 8 85 85 08-048 08-048_08-049 4/6/2021 Washington Street Asbestos Cement 8 262 282 08-050 08-049 08-050_08-049 4/6/2021 Cobleigh Street Asbestos Cement 8 240 240 08-050 08-049 08-050_08-049 4/6/2021 Hooper Street Asbestos Cement 8 240 240 08-078 08-078_08-086 4/6/2021 Hooper Street Asbestos Cement 8 243 243 08-086 08-089 08-086_08-089 4/6/2021 Washington Street Asbestos Cement 8 365 08-087 08-089_08-089 4/6/2021	06-104	06-026	06-104_06-026	4/8/2021	Dunkin Route 1	Asbestos Cement	8	24	24
08-047 08-048 08-047_08-048 4/6/2021 Washington Street Asbestos Cement 8 262 262 08-049 08-048 08-048_08-049 4/6/2021 Washington Street Asbestos Cement 8 85 85 08-048 08-086 08-048_08-086 4/6/2021 Washington Street Asbestos Cement 8 282 282 08-050 08-049 08-050_08-049 4/6/2021 Cobleigh Street Asbestos Cement 8 240 240 08-077 08-078 08-078 08-078_08-086 4/6/2021 Hooper Street Asbestos Cement 8 243 243 08-078 08-086 08-078_08-086 4/6/2021 Hooper Street Asbestos Cement 8 243 243 08-087 08-086 08-078_08-088 4/6/2021 Washington Street Asbestos Cement 8 365 365 08-087 08-089 08-087_08-089 4/6/2021 Washington Street Asbestos Cement 8 92 92	06-111	06-111A	06-111_06-111A	4/5/2021	Loring Street	PolyVinyl Chloride	8	36	36
08-049 08-048 08-048_08-049 4/6/2021 Washington Street Asbestos Cement 8 85 85 08-048 08-086 08-048_08-086 4/6/2021 Washington Street Asbestos Cement 8 282 282 08-050 08-049 08-050_08-049 4/6/2021 Cobleigh Street Asbestos Cement 8 240 240 08-077 08-078 08-078_08-086 4/6/2021 Hooper Street Asbestos Cement 8 243 243 08-086 08-089 08-086_089 4/6/2021 Washington Street Asbestos Cement 8 243 243 08-086 08-089 08-086_089 4/6/2021 Washington Street Asbestos Cement 8 365 365 08-088 08-087_08-089 4/6/2021 Alcott Lane Asbestos Cement 8 150 150 08-089 08-0890 08-089_08-099 4/6/2021 Washington Street Asbestos Cement 8 92 92 08-091 08-091	06-111A	06-092	06-111A_06-092	4/6/2021	Loring Street	PolyVinyl Chloride	8	96	96
08-048 08-086 08-048_08-086 4/6/2021 Washington Street Asbestos Cement 8 282 282 08-050 08-049 08-050_08-049 4/6/2021 Cobleigh Street Asbestos Cement 8 240 240 08-077 08-078 08-078_08-077 4/6/2021 Hooper Street Asbestos Cement 8 0 0 08-078 08-086 08-078_08-086 4/6/2021 Hooper Street Asbestos Cement 8 243 243 08-086 08-089 08-086_08-089 4/6/2021 Washington Street Asbestos Cement 8 365 365 08-088 08-087 08-089 4/6/2021 Alcott Lane Asbestos Cement 8 92 92 08-089 08-0890 08-089_08-089 4/6/2021 Washington Street Asbestos Cement 8 92 92 08-090 08-091 08-092_08-091 4/6/2021 Washington Street Asbestos Cement 8 330 330 08-091 08-09	08-047	08-048	08-047_08-048	4/6/2021	Washington Street	Asbestos Cement	8	262	262
08-050 08-049 08-050_08-049 4/6/2021 Cobleigh Street Asbestos Cement 8 240 240 08-077 08-078 08-078_08-077 4/6/2021 Hooper Street Asbestos Cement 8 0 0 08-078 08-086 08-078_08-086 4/6/2021 Hooper Street Asbestos Cement 8 243 243 08-086 08-089 08-086_08-089 4/6/2021 Washington Street Asbestos Cement 8 365 365 08-088 08-087 08-087_08-088 4/6/2021 Alcott Lane Asbestos Cement 8 92 92 08-087 08-089_08-089_08-090 4/6/2021 Alcott Lane Asbestos Cement 8 92 92 08-089 08-091 08-089_08-090 4/6/2021 Washington Street Asbestos Cement 8 333 333 08-091 08-092 08-091_08-092 4/6/2021 Washington Street Asbestos Cement 8 342 342 08-093 08-101 <t< td=""><td>08-049</td><td>08-048</td><td>08-048_08-049</td><td>4/6/2021</td><td>Washington Street</td><td>Asbestos Cement</td><td>8</td><td>85</td><td>85</td></t<>	08-049	08-048	08-048_08-049	4/6/2021	Washington Street	Asbestos Cement	8	85	85
08-077 08-078 08-078_08-077 4/6/2021 Hooper Street Asbestos Cement 8 0 0 08-078 08-086 08-078_08-086 4/6/2021 Hooper Street Asbestos Cement 8 243 243 08-086 08-089 08-086_08-089 4/6/2021 Washington Street Asbestos Cement 8 365 365 08-088 08-087 08-087_08-088 4/6/2021 Alcott Lane Asbestos Cement 8 92 92 08-089 08-089_08-089 4/6/2021 Alcott Lane Asbestos Cement 8 92 92 08-089 08-090 08-089_08-090 4/6/2021 Washington Street Asbestos Cement 8 333 333 08-091 08-091 08-092_08-091 4/6/2021 Washington Street Asbestos Cement 8 342 342 08-091 08-092 08-091_08-092 4/6/2021 Washington Street Asbestos Cement 8 342 342 08-101 08-102 08-	08-048	08-086	08-048_08-086	4/6/2021	Washington Street	Asbestos Cement	8	282	282
08-078 08-086 08-078_08-086 4/6/2021 Hooper Street Asbestos Cement 8 243 243 08-086 08-089 08-086_08-089 4/6/2021 Washington Street Asbestos Cement 8 365 365 08-088 08-087 08-087_08-088 4/6/2021 Alcott Lane Asbestos Cement 8 92 92 08-089 08-089 08-089_08-090 4/6/2021 Alcott Lane Asbestos Cement 8 92 92 08-089 08-090 08-089_08-090 4/6/2021 Washington Street Asbestos Cement 8 333 333 08-091 08-091_08-091 4/6/2021 Washington Street Asbestos Cement 8 342 342 08-091 08-092 08-091_08-092 4/6/2021 Washington Street Asbestos Cement 8 342 342 08-099 08-101 08-099_08-101 4/7/2021 School Street Asbestos Cement 8 62 62 08-101 08-102 0	08-050	08-049	08-050_08-049	4/6/2021	Cobleigh Street	Asbestos Cement	8	240	240
08-086 08-089 08-086_08-089 4/6/2021 Washington Street Asbestos Cement 8 365 365 08-088 08-087 08-087_08-088 4/6/2021 Alcott Lane Asbestos Cement 8 150 150 08-087 08-089 08-087_08-089 4/6/2021 Alcott Lane Asbestos Cement 8 92 92 08-089 08-090 08-089_08-090 4/6/2021 Washington Street Asbestos Cement 8 333 333 08-090 08-091 08-090_08-091 4/6/2021 Washington Street Asbestos Cement 8 330 330 08-091 08-092 08-091_08-092 4/6/2021 Washington Street Asbestos Cement 8 342 342 08-099 08-101 08-099_08-101 4/7/2021 Washington Street Asbestos Cement 8 62 62 08-101 08-102 08-101_08-102 4/7/2021 Washington Street Asbestos Cement 8 192 192 08-102	08-077	08-078	08-078_08-077	4/6/2021	Hooper Street	Asbestos Cement	8	0	0
08-088 08-087 08-087_08-088 4/6/2021 Alcott Lane Asbestos Cement 8 150 150 08-087 08-089 08-087_08-089 4/6/2021 Alcott Lane Asbestos Cement 8 92 92 08-089 08-090 08-089_08-090 4/6/2021 Washington Street Asbestos Cement 8 333 333 08-090 08-091 08-090_08-091 4/6/2021 Washington Street Asbestos Cement 8 342 342 08-091 08-092 08-091_08-092 4/6/2021 Washington Street Asbestos Cement 8 342 342 08-099 08-101 08-099_08-101 4/7/2021 School Street Asbestos Cement 8 62 62 08-101 08-102 08-101_08-102 4/7/2021 Washington Street Asbestos Cement 8 192 192 08-102 08-102A 08-102_08-102A 4/7/2021 Washington Street Asbestos Cement 8 144 144 08-102A	08-078	08-086	08-078_08-086	4/6/2021	Hooper Street	Asbestos Cement	8	243	243
08-087 08-089 08-087_08-089 4/6/2021 Alcott Lane Asbestos Cement 8 92 92 08-089 08-090 08-089_08-090 4/6/2021 Washington Street Asbestos Cement 8 333 333 08-090 08-091 08-090_08-091 4/6/2021 Washington Street Asbestos Cement 8 342 342 08-091 08-092 08-091_08-092 4/6/2021 Washington Street Asbestos Cement 8 342 342 08-099 08-101 08-099_08-101 4/7/2021 School Street Asbestos Cement 8 62 62 08-101 08-102 08-101_08-102 4/7/2021 Washington Street Asbestos Cement 8 192 192 08-102 08-102A 08-102_08-102A 4/7/2021 Washington Street Asbestos Cement 8 144 144 08-102A 08-103 08-102_08-103 4/7/2021 Washington Street Asbestos Cement 8 52 52 08-103	08-086	08-089	08-086_08-089	4/6/2021	Washington Street	Asbestos Cement	8	365	365
08-089 08-090 08-089_08-090 4/6/2021 Washington Street Asbestos Cement 8 333 333 08-090 08-091 08-090_08-091 4/6/2021 Washington Street Asbestos Cement 8 330 330 08-091 08-092 08-091_08-092 4/6/2021 Washington Street Asbestos Cement 8 342 342 08-099 08-101 08-099_08-101 4/7/2021 School Street Asbestos Cement 8 62 62 08-101 08-102 08-101_08-102 4/7/2021 Washington Street Asbestos Cement 8 192 192 08-102 08-102A 08-102_08-102A 4/7/2021 Washington Street Asbestos Cement 8 144 144 08-102A 08-103 08-102A_08-103 4/7/2021 Washington Street Asbestos Cement 8 52 52 08-103 08-104 08-103_08-104 4/8/2021 Washington Street Asbestos Cement 8 68 68 08-10	08-088	08-087	08-087_08-088	4/6/2021	Alcott Lane	Asbestos Cement	8	150	150
08-090 08-091 08-090_08-091 4/6/2021 Washington Street Asbestos Cement 8 330 330 08-091 08-092 08-091_08-092 4/6/2021 Washington Street Asbestos Cement 8 342 342 08-099 08-101 08-099_08-101 4/7/2021 School Street Asbestos Cement 8 62 62 08-101 08-102 08-101_08-102 4/7/2021 Washington Street Asbestos Cement 8 192 192 08-102 08-102A 08-102_08-102A 4/7/2021 Washington Street Asbestos Cement 8 144 144 08-102A 08-103 08-102A_08-103 4/7/2021 Washington Street Asbestos Cement 8 52 52 08-103 08-104 08-103_08-104 4/8/2021 Washington Street Asbestos Cement 8 68 68 08-103 08-104 08-104_08-103 4/7/2021 Washington Street Asbestos Cement 8 0 0 08-103 <td>08-087</td> <td>08-089</td> <td>08-087_08-089</td> <td>4/6/2021</td> <td>Alcott Lane</td> <td>Asbestos Cement</td> <td>8</td> <td>92</td> <td>92</td>	08-087	08-089	08-087_08-089	4/6/2021	Alcott Lane	Asbestos Cement	8	92	92
08-091 08-092 08-091_08-092 4/6/2021 Washington Street Asbestos Cement 8 342 342 08-099 08-101 08-099_08-101 4/7/2021 School Street Asbestos Cement 8 62 62 08-101 08-102 08-101_08-102 4/7/2021 Washington Street Asbestos Cement 8 192 192 08-102 08-102A 08-102A 4/7/2021 Washington Street Asbestos Cement 8 144 144 08-102A 08-103 08-102A_08-103 4/7/2021 Washington Street Asbestos Cement 8 52 52 08-103 08-104 08-103_08-104 4/8/2021 Washington Street Asbestos Cement 8 68 68 08-103 08-104 08-104_08-103 4/7/2021 Washington Street Asbestos Cement 8 0 0 08-104 08-105 08-104_08-105 4/8/2021 Washington Street Asbestos Cement 8 308 308 08-105	08-089	08-090	08-089_08-090	4/6/2021	Washington Street	Asbestos Cement	8	333	333
08-099 08-101 08-099_08-101 4/7/2021 School Street Asbestos Cement 8 62 62 08-101 08-102 08-101_08-102 4/7/2021 Washington Street Asbestos Cement 8 192 192 08-102 08-102A 08-102_08-102A 4/7/2021 Washington Street Asbestos Cement 8 144 144 08-102A 08-103 08-102A_08-103 4/7/2021 Washington Street Asbestos Cement 8 52 52 08-103 08-104 08-103_08-104 4/8/2021 Washington Street Asbestos Cement 8 68 68 08-103 08-104_08-103 4/7/2021 Washington Street Asbestos Cement 8 0 0 08-104 08-104_08-105 4/8/2021 Washington Street Asbestos Cement 8 308 308 08-105 08-121 08-105_08-121 4/8/2021 Washington Street Asbestos Cement 8 188 188 08-120 08-121 08-122_08	08-090	08-091	08-090_08-091	4/6/2021	Washington Street	Asbestos Cement	8	330	330
08-101 08-102 08-101_08-102 4/7/2021 Washington Street Asbestos Cement 8 192 192 08-102 08-102A 08-102_08-102A 4/7/2021 Washington Street Asbestos Cement 8 144 144 08-102A 08-103 08-103_08-103 4/7/2021 Washington Street Asbestos Cement 8 52 52 08-103 08-104 08-103_08-104 4/8/2021 Washington Street Asbestos Cement 8 68 68 08-103 08-104_08-103 4/7/2021 Washington Street Asbestos Cement 8 0 0 08-104 08-104_08-103 4/8/2021 Washington Street Asbestos Cement 8 308 308 08-104 08-105 08-104_08-105 4/8/2021 Washington Street Asbestos Cement 8 308 308 08-120 08-121 08-105_08-121 4/8/2021 Washington Street Asbestos Cement 8 80 80 08-121 08-122_08-120 <td< td=""><td>08-091</td><td>08-092</td><td>08-091_08-092</td><td>4/6/2021</td><td>Washington Street</td><td>Asbestos Cement</td><td>8</td><td>342</td><td>342</td></td<>	08-091	08-092	08-091_08-092	4/6/2021	Washington Street	Asbestos Cement	8	342	342
08-102 08-102A 08-102_08-102A 4/7/2021 Washington Street Asbestos Cement 8 144 144 08-102A 08-103 08-102A_08-103 4/7/2021 Washington Street Asbestos Cement 8 52 52 08-103 08-104 08-103_08-104 4/8/2021 Washington Street Asbestos Cement 8 68 68 08-103 08-104 08-104_08-103 4/7/2021 Washington Street Asbestos Cement 8 0 0 08-104 08-105 08-104_08-105 4/8/2021 Washington Street Asbestos Cement 8 308 308 08-105 08-121 08-105_08-121 4/8/2021 Washington Street Asbestos Cement 8 188 188 08-120 08-121 08-120_08-121 4/8/2021 Washington Street Asbestos Cement 8 80 80 08-121 08-122_08-140 08-122_08-140 4/8/2021 Washington Street Asbestos Cement 8 55 55	08-099	08-101	08-099_08-101	4/7/2021	School Street	Asbestos Cement	8	62	62
08-102A 08-103 08-102A_08-103 4/7/2021 Washington Street Asbestos Cement 8 52 52 08-103 08-104 08-103_08-104 4/8/2021 Washington Street Asbestos Cement 8 68 68 08-103 08-104 08-104_08-103 4/7/2021 Washington Street Asbestos Cement 8 0 0 08-104 08-105 08-104_08-105 4/8/2021 Washington Street Asbestos Cement 8 308 308 08-105 08-121 08-105_08-121 4/8/2021 Washington Street Asbestos Cement 8 188 188 08-120 08-121 08-120_08-121 4/8/2021 Washington Street Asbestos Cement 8 80 80 08-121 08-122 08-121_08-122 4/8/2021 Washington Street Asbestos Cement 8 55 55 08-122 08-140 08-122_08-140 4/8/2021 Washington Street Asbestos Cement 8 360 360	08-101	08-102	08-101_08-102	4/7/2021	Washington Street	Asbestos Cement	8	192	192
08-103 08-104 08-103_08-104 4/8/2021 Washington Street Asbestos Cement 8 68 68 08-103 08-104 08-104_08-103 4/7/2021 Washington Street Asbestos Cement 8 0 0 08-104 08-105 08-104_08-105 4/8/2021 Washington Street Asbestos Cement 8 308 308 08-105 08-121 08-105_08-121 4/8/2021 Washington Street Asbestos Cement 8 188 188 08-120 08-121 08-120_08-121 4/8/2021 Washington Street Asbestos Cement 8 80 80 08-121 08-122 08-121_08-122 4/8/2021 Washington Street Asbestos Cement 8 55 55 08-122 08-140 08-122_08-140 4/8/2021 Washington Street Asbestos Cement 8 360 360	08-102	08-102A	08-102_08-102A	4/7/2021	Washington Street	Asbestos Cement	8	144	144
08-103 08-104 08-104_08-103 4/7/2021 Washington Street Asbestos Cement 8 0 0 08-104 08-105 08-104_08-105 4/8/2021 Washington Street Asbestos Cement 8 308 308 08-105 08-121 08-105_08-121 4/8/2021 Washington Street Asbestos Cement 8 188 188 08-120 08-121 08-120_08-121 4/8/2021 Washington Street Asbestos Cement 8 80 80 08-121 08-122 08-121_08-122 4/8/2021 Washington Street Asbestos Cement 8 55 55 08-122 08-140 08-122_08-140 4/8/2021 Washington Street Asbestos Cement 8 360 360	08-102A	08-103	08-102A_08-103	4/7/2021	Washington Street	Asbestos Cement	8	52	52
08-104 08-105 08-104_08-105 4/8/2021 Washington Street Asbestos Cement 8 308 308 08-105 08-121 08-105_08-121 4/8/2021 Washington Street Asbestos Cement 8 188 188 08-120 08-121 08-120_08-121 4/8/2021 Washington Street Asbestos Cement 8 80 80 08-121 08-122 08-121_08-122 4/8/2021 Washington Street Asbestos Cement 8 55 55 08-122 08-140 08-122_08-140 4/8/2021 Washington Street Asbestos Cement 8 360 360	08-103	08-104	08-103_08-104	4/8/2021	Washington Street	Asbestos Cement	8	68	68
08-105 08-121 08-105_08-121 4/8/2021 Washington Street Asbestos Cement 8 188 188 08-120 08-121 08-120_08-121 4/8/2021 Washington Street Asbestos Cement 8 80 80 08-121 08-122 08-121_08-122 4/8/2021 Washington Street Asbestos Cement 8 55 55 08-122 08-140 08-122_08-140 4/8/2021 Washington Street Asbestos Cement 8 360 360	08-103	08-104	08-104_08-103	4/7/2021	Washington Street	Asbestos Cement	8	0	0
08-120 08-121 08-120_08-121 4/8/2021 Washington Street Asbestos Cement 8 80 80 08-121 08-122 08-121_08-122 4/8/2021 Washington Street Asbestos Cement 8 55 55 08-122 08-140 08-122_08-140 4/8/2021 Washington Street Asbestos Cement 8 360 360	08-104	08-105	08-104_08-105	4/8/2021	Washington Street	Asbestos Cement	8	308	308
08-121 08-122 08-121_08-122 4/8/2021 Washington Street Asbestos Cement 8 55 55 08-122 08-140 08-122_08-140 4/8/2021 Washington Street Asbestos Cement 8 360 360	08-105	08-121	08-105_08-121	4/8/2021	Washington Street	Asbestos Cement	8	188	188
08-122 08-140 08-122_08-140 4/8/2021 Washington Street Asbestos Cement 8 360 360	08-120	08-121	08-120_08-121	4/8/2021	Washington Street	Asbestos Cement	8	80	80
3	08-121	08-122	08-121_08-122	4/8/2021	Washington Street	Asbestos Cement	8	55	55
08-139	08-122	08-140	08-122_08-140	4/8/2021	Washington Street	Asbestos Cement	8	360	360
	08-139	08-099	08-139_08-099	4/6/2021	School Street	Asbestos Cement	8	253	253

Pipe Size: 8 Total Ln.: 5101 Inspected Ln.: 5101

Project Total Ln.: 5256.0 Project Inspected Ln.: 5256.0



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/ Pipe S	egment Refere	C	City	Street	Mat	erial	Location C	Pipe Use
06-	096_06-095	Westw	ood MA	Washington Street	Asbesto	s Cement	Primary Ma	Sanitary S
U	ostream MH	Total	Length	Year Constructed	Sh	ape	Location	n Details
	06-095	2:	26		Circ	cular		
Dow	nsstream MH	Length	surveyed	Year Renewed	Height Width		Pipe Joint	
	06-096	2:	26		8	8		
SPR	0	MPR	0	PO Number Customer				
SPRI	0	MPRI	0			Env	ironmental Par	tners
SPRI	0	IVIPRI	0	Work Order Number	er		Purpose	
QSR	0000	QMR	0000			Infiltra	tion/Inflow Inve	stigat
	OPR	Surve	yed By	Direction	Da	ate	Media	a label
	0	S_I	Bell	Upstream	2021	0405		
	OPRI Certific		te Number	Pre-Cleaning	Ti	me	Weather	
	0		003652	Light Cleaning	22	:12	Dry - No P	
		Date C	Cleaned	•	End	Time	Additio	nal Info
		2021	10405		22	:18		

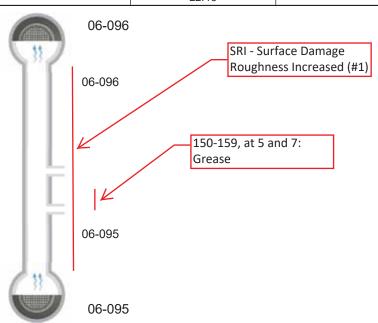
0.0 ft. Access Point Manhole

0.0 ft. Miscellaneous Water Level

63.6 ft. Tap Factory Activity

159.9 ft. Tap Factory Activity

226.0 ft. Access Point Manhole



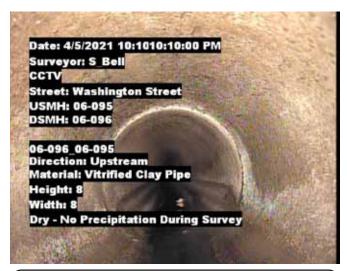


Pipe Segn	nent Refere	С	ity	Street	Mate	erial	Location C	Pipe Use	
06-096	6_06-095	Westwo	ood MA	Washington Street	Asbestos	Cement	Primary Ma	Sanitary S	
Upstr	eam MH	Total I	Length	Year Constructed	Sha	аре	Location	n Details	
06	-095	22	26		Circ	ular			
Downs	stream MH	Length s	surveyed	Year Renewed	Height Width		Pipe Joint		
06	-096	22	26		8	8			
SPR	0	MPR	0	PO Number		Customer			
SPRI	0	MPRI	0	-		Env	vironmental Partners		
SPRI	U	IVIPRI	0	Work Order Numb	er		Purpose		
QSR	0000	QMR	0000			Infiltra	Itration/Inflow Investigat		
)PR	Surve	yed By	Direction	Da	nte	Media	a label	
	0	S_I	Bell	Upstream	2021	0405			
C	PRI	Certificat	e Number	Pre-Cleaning	Tir	ne	Weather		
	0 0703003652		Light Cleaning	22:	:12	Dry - No P			
	Date Cleaned				End	Time	Additio	nal Info	
	20210405				22:	:18			

Distance	Condition	Cont. Dfct.		Values		Joint	Clock Position		Grade
Distance	Condition	Cont. Dict.	1st	2nd	%	Joint	At/From	То	Grade
0.0 ft.	Access Point Manhole								
Remarks:	06-096								
0.0 ft.	Miscellaneous Water Level				5				
63.6 ft.	Tap Factory Activity		6				9		
159.9 ft.	Tap Factory Activity		6				9		
226.0 ft.	Access Point Manhole								
Remarks:	06-095								



Pipe Segment Refere	City	Street	Mate	erial	Location C	Pipe Use
06-096_06-095	Westwood MA	Washington Street	Asbestos Cement		Primary Ma	Sanitary S
Upstream MH	Total Length	Year Constructed	Shape		Location	Details
06-095	226		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
06-096	226		8	8		,



Distance: 0.0 ft. Grade:

Condition: Access Point Manhole

Remarks: 06-096



0.0 ft. Grade: Distance:

Condition: Miscellaneous Water Level

Remarks: N/A



Distance: 63.6 ft. Grade: 0

Condition: Tap Factory Activity

Remarks: N/A



Distance: 159.9 ft. Grade: 0

Condition: Tap Factory Activity

Remarks: N/A



Pipe Segment Refere	City	Street	Mate	erial	Location C	Pipe Use
06-096_06-095	Westwood MA	Washington Street	Asbestos Cement		Primary Ma	Sanitary S
Upstream MH	Total Length	Year Constructed	Shape		Location	Details
06-095	226		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
06-096	226		8	8		ر ا



Distance: 226.0 ft. Grade: 0

Condition: Access Point Manhole

Remarks: 06-095



/ Pipe Segri	ient Refere	C	ity	Street	IMat	eriai	Location C	Pipe Use	
06-096	5_06-112	Westwo	ood MA	Washington Street	Asbestos	s Cement	Primary Ma	Sanitary S	
Upstro	eam MH	Total	Length	Year Constructed	Sha	ape	Locatio	n Details	
06	-096	2	22		Circ	ular			
Downss	tream MH	Length s	surveyed	Year Renewed	Height	Width	Pipe Joint		
06	-112	2	22		8	8	8		
SPR	0	MPR	0	PO Number		Customer			
ODDI		MPDI	-	-		Env	vironmental Partners		
SPRI	0	MPRI	0	Work Order Number	er		Purpose		
QSR	0000	QMR	0000			Infiltra	tion/Inflow Inve	estigat	
C)PR	Surve	yed By	Direction	Da	ate	Medi	a label	
	0	S_I	Bell	Downstream	2021	0405			
С	OPRI C		e Number	Pre-Cleaning	Tiı	ne	Weather		
	0 0703003652		No Pre-Cleaning	22	:25	Dry - No P			
	Date Clear		Cleaned	•	End	Time	Additio	nal Info	
					22	:28			

06-096

06-096

Drop

06-112

06-112

0.0 ft. Access Point Manhole

0.0 ft. Miscellaneous Water Level

17.4 ft. Tap Factory Activity

22.0 ft. Access Point Manhole



F	Pipe Segme	ent Refere	С	ty	Street	Mat	erial	Location C	Pipe Use
	06-096_	_06-112	Westwo	ood MA	Washington Street	Asbestos	s Cement	Primary Ma	Sanitary S
	Upstrea	am MH	Total I	_ength	Year Constructed	Sha	ape	Location	n Details
	06-0	096	2	2		Circ	ular		
	Downsstr	eam MH	Length s	surveyed	Year Renewed	Height	Width	Pipe Joint	
	06-1	112	2	2		8	8		
	SPR	0	MPR	0	PO Number		Customer		
	CDDI	0	MDDI	0	1	Env		ironmental Par	tners
,	SPRI	0	MPRI	0	Work Order Numb	er		Purpose	
	QSR	0000	QMR	0000			Infiltra	ation/Inflow Inve	estigat
	OF	PR	Surve	ed By	Direction	Da	ate	Media	a label
	0)	S_E	Bell	Downstream	2021	0405		
	OP	rRI	Certificate	e Number	Pre-Cleaning	Tir	ne	Weather	
	0)	07030	03652	No Pre-Cleaning	22	22:25		
	Date Cleaned		leaned	•	End	Time	Additional Info		
						22	:28		

Distance	Condition	Cont. Dfct.		Values		Joint	Clock Position		Grade
Distance	Condition	Cont. Dict.	1st	2nd	%	Joint	At/From	То	Grade
0.0 ft.	Access Point Manhole								
Remarks:	06-096								
0.0 ft.	Miscellaneous Water Level				5				
17.4 ft.	Tap Factory Activity		6				6		
Remarks:	Drop								
22.0 ft.	Access Point Manhole								
Remarks:	06-112								



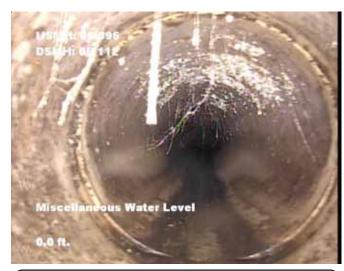
Pipe Segment Refere	City	Street	Mate	erial	Location C	Pipe Use
06-096_06-112	Westwood MA	Washington Street	Asbestos Cement		Primary Ma	Sanitary S
Upstream MH	Total Length	Year Constructed	Shape		Location	Details
06-096	22		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
06-112	22		8	8		,



Distance: 0.0 ft. Grade: 0

Condition: Access Point Manhole

Remarks: 06-096



Distance: 0.0 ft. Grade: (

Condition: Miscellaneous Water Level

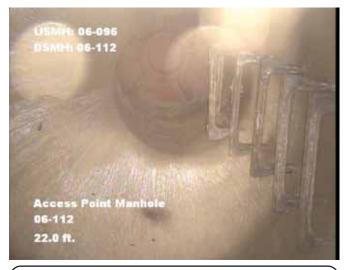
Remarks: N/A



Distance: 17.4 ft. Grade: 0

Condition: Tap Factory Activity

Remarks: Drop



Distance: 22.0 ft. Grade: 0

Condition: Access Point Manhole

Remarks: 06-112



/ Pipe Segm	ent Refere	C	ity	Street	Mat	erial	Location C	Pipe Use
06-095	_06-094	Westwo	ood MA	Washington Street	Asbestos	s Cement	Primary Ma	Sanitary S
Upstre	eam MH	Total I	_ength	Year Constructed	Sha	ape	Locatio	n Details
06-	-094	3	6		Circ	ular		
Downss	tream MH	Length s	surveyed	Year Renewed	Height	Width	Pipe Joint	
06-	-095	3	6		8	8		
SPR	0	MPR	0	PO Number			Customer	
CDDI	0	MDDI	0	-	Enviror		vironmental Par	tners
SPRI	0	MPRI	0	Work Order Number	er	Purpose		
QSR	0000	QMR	0000			Infiltra	ation/Inflow Inve	estigat
0	PR	Surve	yed By	Direction	Da	ate	Medi	a label
	0	S_E	Bell	Upstream	2021	0405		
0	PRI	Certificate	e Number	Pre-Cleaning	Tiı	ne	ne Weather	
	0	07030	03652	Light Cleaning	22	22:55 Dry - No P		
	Date Cleaned			•	End	Time	Additional Info	
	20210405				22	:57		

0.0 ft. Access Point Manhole

0.0 ft. Miscellaneous Water Level

36.0 ft. Access Point Manhole



Missing Video



Pipe S	Segment Refere	Ci	ity	Street	Mat	erial	Location C	Pipe Use
06	-095_06-094	Westwo	ood MA	Washington Street	Asbestos	s Cement	Primary Ma	Sanitary S
L	Jpstream MH	Total I	_ength	Year Constructed	Sha	ape	Location	n Details
	06-094	3	6		Circ	ular		
Do	wnsstream MH	Length s	urveyed	Year Renewed	Height	Width	Pipe Joint	
	06-095	3	6		8	8		
SPR	0	MPR	0	PO Number			Customer	
SPRI	0	MPRI	0	-		Environmental Partners		tners
SPRI	0	IVIPRI	0	Work Order Number	er		Purpose	
QSR	0000	QMR	0000			Infiltra	filtration/Inflow Investigat	
	OPR	Surve	yed By	Direction	Da	ate	Media	a label
	0	S_E	Bell	Upstream	2021	0405		
	OPRI	Certificate	e Number	Pre-Cleaning	Tir	ne	Weather	
	0	07030	03652	Light Cleaning	22:	22:55 Dry - No P.		
	Date Cleaned				End	Time	Additio	nal Info
	20210405				22:	:57		

Distance	Condition	Cont. Dfct.		Values		Joint	Clock Position		Grade
Distance	Condition	Cont. Dict.	1st	2nd	%	Joint	At/From	То	Grade
0.0 ft.	0.0 ft. Access Point Manhole								
Remarks:	06-096								
0.0 ft.	Miscellaneous Water Level				5				
36.0 ft.	Access Point Manhole								
Remarks:	06-094								



Pipe Segment Refere	City	Street	Material		Location C	Pipe Use
06-095_06-094	Westwood MA	Washington Street	Asbestos	Asbestos Cement		Sanitary S
Upstream MH	Total Length	Year Constructed	Shape		Location	Details
06-094	36		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height Width		Pipe Joint	
06-095	36		8	8		ر ا



Distance: 0.0 ft. Grade:

Condition: Access Point Manhole

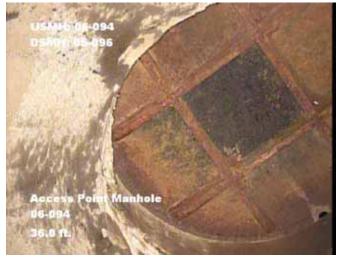
Remarks: 06-096



Distance: 0.0 ft. Grade: 0

Condition: Miscellaneous Water Level

Remarks: N/A



Distance: 36.0 ft. Grade: Condition:

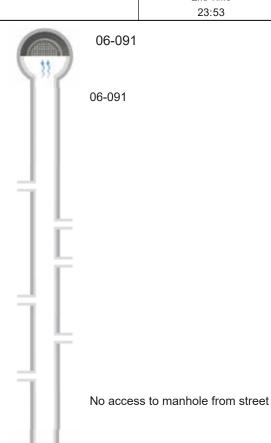
Access Point Manhole

Remarks: 06-094



Pipe Segm	ent Refere	С	ity	Street	Mat	erial	Location C	Pipe Use
06-091	_06-092	Westwo	ood MA	Loring Street	Asbestos	s Cement	Secondary	Sanitary S
Upstre	eam MH	Total I	Length	Year Constructed	Sha	ape	Location	n Details
06-	-092	17	75		Circ	cular		
Downsst	tream MH	Length s	surveyed	Year Renewed	Height	Width	Pipe Joint	
06-	-091	17	75		8	8		
SPR	0	MPR	0	PO Number		Customer		
SPRI	0	MPRI	0		Env		ironmental Par	tners
SFIXI		IVIFIXI		Work Order Number	er		Purpose	
QSR	0000	QMR	0000			Infiltra	tion/Inflow Investigat	
0	PR	Surve	yed By	Direction	Da	ate	Media	a label
	0	S_I	Bell	Upstream	2021	0405		
OI	PRI	Certificat	e Number	Pre-Cleaning	Tiı	me	Weather	
	0	07030	003652	Light Cleaning	23	:53	Dry - No P	
		Date C	Cleaned		End	Time	Additio	nal Info
	20210405				23	:53		







Pipe	Segment Refere	С	ity	Street	Mat	erial	Location C	Pipe Use
06	6-091_06-092	Westwo	ood MA	Loring Street	Asbestos	Cement	Secondary	Sanitary S
	Upstream MH	Total I	_ength	Year Constructed	Sha	аре	Location Deta	
	06-092	17	75		Circ	ular		
Do	ownsstream MH	Length s	surveyed	Year Renewed	Height	Width	Pipe Joint	
	06-091	17	75		8	8		
SPR	R 0	MPR	0	PO Number			Customer	
SPR	u 0	MPRI	0	-		Environmental Partners		tners
SPR	0	IVIPRI	0	Work Order Numbe	er		Purpose	
QSF	R 0000	QMR	0000			Infiltra	filtration/Inflow Investigat	
	OPR	Surve	yed By	Direction	Da	ite	Media	a label
	0	S_E	Bell	Upstream	2021	0405		
	OPRI	Certificate	e Number	Pre-Cleaning	Tir	ne	Weather	
	0	07030	03652	Light Cleaning	23:	23:53 Dry - No P		
		Date C	leaned		End	Time	Additio	nal Info
	20210405				23:	:53		

Distance	Condition	Cont. Dfct.		Values		Joint	Clock P	osition	Grade
Distance	Condition	Cont. Dict.	1st	2nd	%	Joint	At/From	То	Grade
0.0 ft.	Access Point Manhole								
Remarks:	06-091								
0.0 ft.	Miscellaneous Water Level				5				
39.9 ft.	Tap Factory Activity		6				3		
43.4 ft.	Tap Factory Made Capped		6				12		
90.1 ft.	Tap Factory Activity		6				12		
93.1 ft.	Tap Factory Activity		6				3		
123.1 ft.	Tap Factory Made Capped		6				9		
160.0 ft.	Tap Factory Activity		6				3		
175.0 ft.	Miscellaneous Survey Abandoned								
Remarks:	Remarks: No access to manhole from street								



Pipe Segment Refere	City	Street	Mate	erial	Location C	Pipe Use
06-091_06-092	Westwood MA	Loring Street	Asbestos	Asbestos Cement		Sanitary S
Upstream MH	Total Length	Year Constructed	Shape		Location	Details
06-092	175		Circ	ular		
Downsstream MH	MH Length surveyed Year Renewed Height Width		Pipe Joint			
06-091	175		8	8		_



Distance: 0.0 ft. Grade:

Condition: Access Point Manhole

Remarks: 06-091



Distance: 0.0 ft. Grade:

Condition: Miscellaneous Water Level

Remarks: N/A



Distance: 39.9 ft. Grade: 0 Condition:

Tap Factory Activity

Remarks: N/A



43.4 ft. Distance: Grade: 0 Condition: Tap Factory Made Capped

Remarks: N/A



Pipe Segment Refere	City	Street	Material		Location C	Pipe Use
06-091_06-092	Westwood MA	Loring Street	Asbestos	Asbestos Cement		Sanitary S
Upstream MH	Total Length	Year Constructed	Shape		Location	Details
06-092	175		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height Width		Pipe Joint	
06-091	175		8	8		,



Distance: 90.1 ft. Grade:

Condition: Tap Factory Activity

Remarks: N/A



Distance: 93.1 ft. Grade: 0

Condition: Tap Factory Activity

Remarks: N/A



Distance: 123.1 ft. Grade: Condition: Tap Factory Made Capped

Remarks: N/A



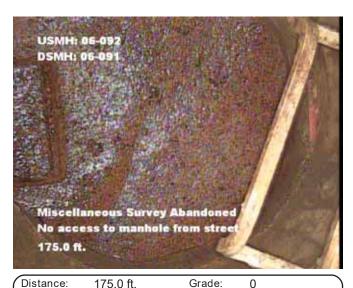
Distance: 160.0 ft. Grade: 0

Condition: Tap Factory Activity

Remarks: N/A



Pipe Segment Refere	City	Street	Mate	erial	Location C	Pipe Use		
06-091_06-092	Westwood MA	Loring Street	Asbestos	Asbestos Cement		Asbestos Cement		Sanitary S
Upstream MH	Total Length	Year Constructed	Shape		Location	Details		
06-092	175		Circ	ular				
Downsstream MH	Length surveyed	Length surveyed Year Renewed Height Width		Pipe Joint				
06-091	175		8	8		ر ا		



Distance: 175.0 ft. Grade: 0

Condition: Miscellaneous Survey Abandoned

Remarks: No access to manhole from street



/ Pipe Segm	ient Refere		ity	Street	Mate	eriai	Location C	Pipe Use
06-111_	_06-111A	Westw	ood MA	Loring Street	PolyVinyl	Chloride	Secondary	Sanitary S
Upstre	eam MH	Total	Length	Year Constructed	Sha	ape	Location	n Details
06	-111	3	36		Circ	ular		
Downss	tream MH	Length	surveyed	Year Renewed	Height	Width	Pipe Joint	
06-	111A	3	36		8	8		
SPR	0	MPR	0	PO Number			Customer	
ODDI	-	MDDI	0	-		Environmental Partners		tners
SPRI	0	MPRI	0	Work Order Numb	er	Purpose		
QSR	0000	QMR	0000			Infiltra	tion/Inflow Inve	stigat
0	PR	Surve	eyed By	Direction	Da	ite	Media	a label
	0	S_	Bell	Downstream	2021	0405		
0	PRI	Certificat	te Number	Pre-Cleaning	Tin	ne	Weather	
	0	07030	003652	Light Cleaning	00:	05	Dry - No P	
		Date 0	Cleaned		End ⁻	Time	Additio	nal Info
		2021	10405		00:	12		

0.0 ft. Access Point Manhole
0.0 ft. Miscellaneous Water Level
36.0 ft. Access Point Manhole
36.0 ft. Miscellaneous General Observation



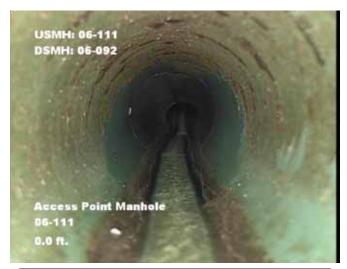


Pipe Segn	nent Refere	С	ity	Street	Mate	erial	Location C	Pipe Use
06-111	_06-111A	Westwo	ood MA	Loring Street	PolyVinyl	Chloride	Secondary	Sanitary S
Upstr	eam MH	Total I	Length	Year Constructed	Sha	ape	Location	n Details
06	i-111	3	6		Circular			
Downs	stream MH	Length s	surveyed	Year Renewed	Height	Width	Pipe Joint	
06-	111A	3	6		8	8		
SPR	0	MPR	0	PO Number		Customer		
SPRI	0	MPRI	0	-		Environmental Partners		
SPRI	U	IVIPRI	0	Work Order Number	er		Purpose	
QSR	0000	QMR	0000			Infiltra	Infiltration/Inflow Investigat	
)PR	Surve	yed By	Direction	Da	ate	Media	a label
	0	S_I	Bell	Downstream	2021	0405		
C	PRI	Certificat	e Number	Pre-Cleaning	Tir	ne	Weather	
	0	07030	03652	Light Cleaning	00:	:05 Dry - No P		
	Date Cleaned			•	End	Time	Additional Info	
	20210405				00:	12		

Distance	Condition	Cont. Dfct.		Values	Values		Clock P	osition	Grade
Distance	Condition	Cont. Dict.	1st	2nd	%	Joint	At/From	То	Grade
0.0 ft.	Access Point Manhole								
Remarks: 06-111									
0.0 ft.	Miscellaneous Water Level				5				
36.0 ft.	Access Point Manhole								
Remarks:	narks: 06-111A								
36.0 ft.	Miscellaneous General Observation								
Remarks:	Manhole is buried								



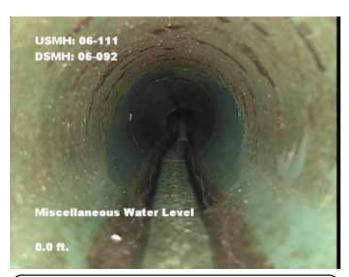
Pipe Segment Refere	City	Street	Mat	erial	Location C	Pipe Use
06-111_06-111A	Westwood MA	Loring Street	PolyViny	l Chloride	Secondary	Sanitary S
Upstream MH	Total Length	Year Constructed	Shape		Location	n Details
06-111	36		Circular			
Downsstream MH	Length surveyed	Year Renewed	Height Width		Pipe Joint	
06-111A	36		8	8		



Distance: 0.0 ft. Grade:

Condition: Access Point Manhole

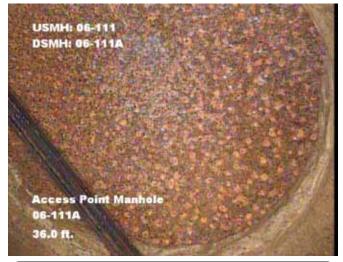
Remarks: 06-111



Distance: 0.0 ft. Grade: 0

Condition: Miscellaneous Water Level

Remarks: N/A



Distance: 36.0 ft. Grade: 0

Access Point Manhole

Remarks: 06-111A

Condition:



Condition: Miscellaneous General Observation

Remarks: Manhole is buried



/ Pipe Segr	nent Refere	Ci	ity	Street	Mat	erial	Location C	Pipe Use
06-111	A_06-092	Westwo	ood MA	Loring Street	PolyVinyl	Chloride	Secondary	Sanitary S
Upstr	eam MH	Total I	_ength	Year Constructed	Sha	ape	Locatio	n Details
06-	-111A	9	6		Circ	ular		
Downs	stream MH	Length s	surveyed	Year Renewed	Height	Width	Pipe Joint	
06	6-092	9	6		8	8		
SPR	0	MPR	0	PO Number		Customer		
CDDI	0	MDDI	0	-		Environmental Partners		tners
SPRI	0	MPRI	0	Work Order Numbe	er	Purpose		
QSR	0000	QMR	0000			Infiltra	ation/Inflow Inve	estigat
()PR	Surve	yed By	Direction	Da	ate	Medi	a label
	0	S_E	Bell	Downstream	2021	0406		
	PRI	Certificate	e Number	Pre-Cleaning	Time		me Weather	
	0	07030	03652	Light Cleaning	00:	:15 Dry - No P		
	Date Cleaned			End	Time	Additio	onal Info	
	20210406				00:	:18		

0.0 ft. Access Point Manhole

0.0 ft. Miscellaneous Water Level

94.0 ft. Miscellaneous General Observation

96.0 ft. Access Point Manhole

06-111A

06-111A

Line drops 3 inches into manhole

06-092

06-092



Pipe	e Segme	nt Refere	С	ity	Street	Mat	erial	Location C	Pipe Use
0	6-111A_	_06-092	Westwo	ood MA	Loring Street	PolyVinyl	Chloride	Secondary	Sanitary S
	Upstrea	m MH	Total I	_ength	Year Constructed	Sha	аре	Location	n Details
	06-11	11A	9	6		Circ	ular		
	Downsstre	eam MH	Length s	surveyed	Year Renewed	Height	Width	Width Pipe Joint	
	06-0	92	9	6		8	8		
SP	'R	0	MPR	0	PO Number		Customer		
SPI	DI	0	MPRI	0	+	Env		ironmental Par	tners
581	KI	0	IVIPRI	0	Work Order Number	er		Purpose	
QS	R	0000	QMR	0000			Infiltra	tion/Inflow Inve	estigat
	OP	R	Surve	yed By	Direction	Da	ate	Media	a label
	0		S_E	Bell	Downstream	2021	0406		
	OPI	RI	Certificate	e Number	Pre-Cleaning	Tir	ne	Weather	
	0		07030	03652	Light Cleaning	00:	0:15 Dry - No P		
	Date Cleaned				End	Time	Additio	nal Info	
	20210406				00:	:18			

Distance	Condition	Cont. Dfct.		Values		Joint	Clock Po	osition	Grade
Distance	Condition	Cont. Dict.	1st	2nd	%	Joint	At/From	То	Grade
0.0 ft.	Access Point Manhole								
Remarks:	06-111A								
0.0 ft.	Miscellaneous Water Level				5				
94.0 ft.	Miscellaneous General Observation								
Remarks:	Line drops 3 inches into manhole								
96.0 ft.	Access Point Manhole								
Remarks:	06-092								



Pipe Segment Refere	City	Street	Mat	erial	Location C	Pipe Use
06-111A_06-092	Westwood MA	Loring Street	PolyVinyl Chloride		Secondary	Sanitary S
Upstream MH	Total Length	Year Constructed	Shape		Location	Details
06-111A	96		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height Width		Pipe Joint	
06-092	96		8 8			



Distance: 0.0 ft. Grade: 0

Condition: Access Point Manhole

Remarks: 06-111A



Distance: 0.0 ft. Grade: 0

Condition: Miscellaneous Water Level

Remarks: N/A



Distance: 94.0 ft. Grade: 0

Condition: Miscellaneous General Observation

Remarks: Line drops 3 inches into manhole



Distance: 96.0 ft. Grade: 0

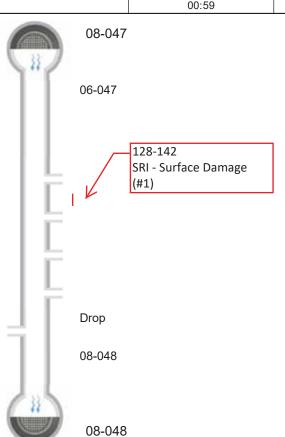
Condition: Access Point Manhole

Remarks: 06-092



Pipe Segme	ent Refere	Ci	ty	Street	Mat	erial	Location C	Pipe Use
08-047	_08-048	Westwo	ood MA	Washington Street	Asbesto	s Cement	Primary Ma	Sanitary S
Upstre	am MH	Total L	ength	Year Constructed	Sh	ape	Locatio	n Details
08-	047	26	32		Circ	cular		
Downsst	ream MH	Length s	urveyed	Year Renewed	Height	Width	Width Pipe Joint	
08-	048	26	32		8	8		
SPR	0	MPR	0	PO Number		Customer		
SPRI	0	MPRI	0		Env		ironmental Par	tners
SPRI	U	IVIPRI	0	Work Order Numbe	er		Purpose	
QSR	0000	QMR	0000			Infiltra	tion/Inflow Inve	estigat
OI	PR	Survey	ed By	Direction	Da	ate	Medi	a label
)	S_E	Bell	Downstream	2021	0406		
OF	PRI	Certificate	Number	Pre-Cleaning	Ti	ime Weather		
)	07030	03652	Light Cleaning	00	00:47 Dry - No P		
	Date Cleaned				End	Time	Additio	nal Info
	20210406				00	:59		





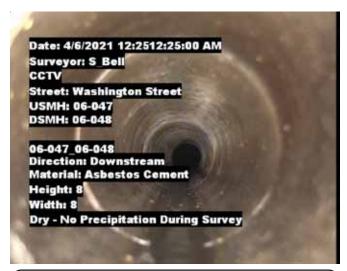


Pipe	Segment Refere	С	ity	Street	Mat	erial	Location C	Pipe Use
30	8-047_08-048	Westwo	ood MA	Washington Street	Asbestos	s Cement	Primary Ma	Sanitary S
	Upstream MH	Total I	Length	Year Constructed	Sha	аре	Location	n Details
	08-047	26	62		Circ	ular		
Do	ownsstream MH	Length s	surveyed	Year Renewed	Height	Width	Width Pipe Joint	
	08-048	26	62		8	8		
SPR	R 0	MPR	0	PO Number	PO Number Customer			
SPR		MPRI	0	-	Env		Environmental Partners	
SPR	d 0	IVIPRI	0	Work Order Number	er		Purpose	
QSR	R 0000	QMR	0000			Infiltrat	tion/Inflow Inve	estigat
	OPR	Surve	yed By	Direction	Da	ate	Media	a label
	0	S_E	Bell	Downstream	2021	0406		
	OPRI	Certificate	e Number	Pre-Cleaning	Tir	ne	Weather	
	0	07030	03652	Light Cleaning	00:	0:47 Dry - No P		
	Date Cleaned				End	Time	Additio	nal Info
	20210406			00:	:59			

Distance	Condition	Cont. Dfct.		Values		Joint	Clock P	osition	Grade
Distance	Condition	Cont. Dict.	1st	2nd	%	Joint	At/From	То	Grade
0.0 ft.	Access Point Manhole								
Remarks:	06-047	·							
0.0 ft.	Miscellaneous Water Level				5				
56.2 ft.	Tap Factory Activity		6				12		
182.9 ft.	Tap Factory Made Capped		6				9		
186.3 ft.	Tap Break-in Activity		6				9		
255.4 ft.	Tap Factory Activity		6				9		
258.0 ft.	Tap Factory Activity		6				6		
Remarks:	Drop								
262.0 ft.	Access Point Manhole								
Remarks:	08-048								



Pipe Segment Refere	City	Street	Mat	erial	Location C	Pipe Use
08-047_08-048	Westwood MA	Washington Street	Asbestos Cement		Primary Ma	Sanitary S
Upstream MH	Total Length	Year Constructed	Shape		Location	n Details
08-047	262		Circular			
Downsstream MH	Length surveyed	Year Renewed	Height Width		Pipe Joint	
08-048	262		8	8		



Distance: 0.0 ft. Grade:

Condition: Access Point Manhole

Remarks: 06-047



Distance: 0.0 ft. Grade:

Condition: Miscellaneous Water Level

Remarks: N/A



Distance: 56.2 ft. Grade: 0

Condition: Tap Factory Activity

Remarks: N/A



Distance: 182.9 ft. Grade: Condition:

Tap Factory Made Capped

Remarks: N/A



	Pipe Segment Refere	City	Street	Mate	erial	Location C	Pipe Use
	08-047_08-048	Westwood MA	Washington Street	Asbestos	Asbestos Cement		Sanitary S
Г	Upstream MH	Total Length	Year Constructed	Shape		Location	Details
	08-047	262		Circ	ular		
	Downsstream MH	Length surveyed	Year Renewed	Height Width		Pipe Joint	
	08-048	8 262 8		8		,	



Distance: 186.3 ft. Grade: 0

Condition: Tap Break-in Activity

Remarks: N/A



Distance: 255.4 ft. Grade: 0

Condition: Tap Factory Activity

Remarks: N/A



Distance: 258.0 ft. Grade: 0

Condition: Tap Factory Activity

Remarks: Drop



Distance: 262.0 ft. Grade: 0

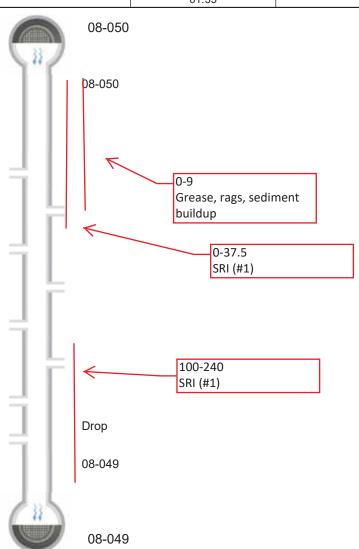
Condition: Access Point Manhole

Remarks: 08-048



Pipe Segme	ent Refere	Ci	ty	Street	Mat	erial	Location C	Pipe Use
08-050	_08-049	Westwo	ood MA	Cobleigh Street	Asbesto	s Cement	Secondary	Sanitary S
Upstre	am MH	Total L	_ength	Year Constructed	Sh	ape	Locatio	n Details
08-	050	24	10		Circular			
Downsst	ream MH	Length s	surveyed	Year Renewed	Height	Width	Pipe Joint	
08-	049	24	10		8	8		
SPR	0	MPR	0	PO Number			Customer	
SPRI	0	MPRI	0	-	Env		ironmental Par	tners
SPRI	0	IVIPRI	0	Work Order Number	er		Purpose	
QSR	0000	QMR	0000			Infiltra	tion/Inflow Inve	estigat
Ol	PR .	Survey	yed By	Direction	Da	ate	Medi	a label
)	S_E	Bell	Downstream	2021	0406		
OF	PRI	Certificate	e Number	Pre-Cleaning	Ti	ime Weather		
)	07030	03652	No Pre-Cleaning	01	01:25 Dry - No P		
	Date Cleaned				End	Time	Additio	nal Info
					01	:35		





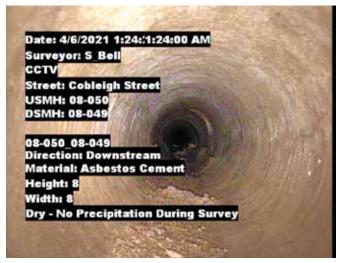


$\overline{}$	Pipe Segme	ent Refere	С	ity	Street	Mat	erial	Location C	Pipe Use	
	08-050_	_08-049	Westwo	ood MA	Cobleigh Street	Asbestos Cement		Secondary	Sanitary S	
	Upstream MH		Total I	_ength	Year Constructed	Sh	ape	Locatio	n Details	
	08-	050	24	40		Circ	cular			
	Downssti	ream MH	Length s	surveyed	Year Renewed	Height	Width	Pipe Joint		
	08-	049	24	40		8	8			
	SPR	0	MPR	0	PO Number			Customer		
	CDDI	0	MDDI	0	-		Environmental Partners			
	SPRI	0	MPRI	0	Work Order Numb	per	Purpose			
	QSR	0000	QMR	0000			Infiltra	Infiltration/Inflow Investigat		
	OF	PR	Surve	yed By	Direction	Date		Medi	Media label	
	()	S_E	Bell	Downstream	2021	0406			
	OF	PRI	Certificate	e Number	Pre-Cleaning	Ti	Time			
	0		0703003652		No Pre-Cleaning	01	01:25			
	Date Cleaned				End	Time	Additio	onal Info		
						01	:35			

Distance	Condition	Out Dist	Values			1 - 5 - 4	Clock Po	osition	0
Distance	Condition	Cont. Dfct.	1st	2nd	%	Joint	At/From	То	Grade
0.0 ft.	Access Point Manhole								
Remarks:	08-050								
0.0 ft.	Miscellaneous Water Level				5				
3.0 ft.	Tap Factory Activity		6				3		
8.9 ft.	Tap Factory Activity		6				9		
58.5 ft.	Tap Factory Made Capped		6				3		
75.0 ft.	Tap Factory Activity		6				9		
86.4 ft.	Tap Factory Activity		6				3		
118.0 ft.	Tap Factory Activity		6				9		
121.2 ft.	Tap Factory Activity		6				3		
237.1 ft.	Tap Factory Activity		6				6		
Remarks:	Drop								
240.0 ft.	Access Point Manhole								
Remarks:	08-049								



Pipe Segment Refere	City	Street	Material		Location C	Pipe Use
08-050_08-049	Westwood MA	Cobleigh Street	Asbestos Cement		Secondary	Sanitary S
Upstream MH	Total Length	Year Constructed	Shape		Location	n Details
08-050	240		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
08-049	240		8	8		_



Distance: 0.0 ft. Grade: 0

Condition: Access Point Manhole

Remarks: 08-050



Distance: 0.0 ft. Grade: 0

Condition: Miscellaneous Water Level

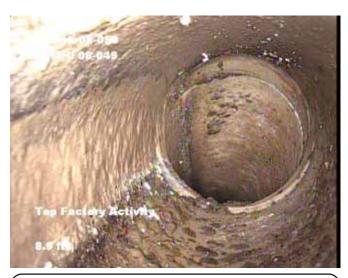
Remarks: N/A



Distance: 3.0 ft. Grade: 0

Condition: Tap Factory Activity

Remarks: N/A



Distance: 8.9 ft. Grade: 0

Condition: Tap Factory Activity

Remarks: N/A

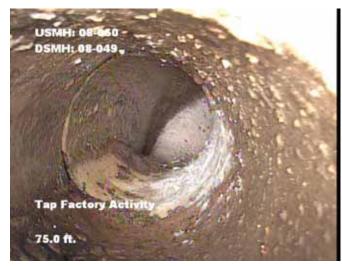


Pipe Segment Refere	City	Street	Material		Location C	Pipe Use
08-050_08-049	Westwood MA	Cobleigh Street	Asbestos Cement		Secondary	Sanitary S
Upstream MH	Total Length	Year Constructed	Shape		Location	Details
08-050	240		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
08-049	240		8	8		,



Distance: 58.5 ft. Grade: (
Condition: Tap Factory Made Capped

Remarks: N/A



Distance: 75.0 ft. Grade: 0

Condition: Tap Factory Activity

Remarks: N/A



Distance: 86.4 ft. Grade:

Condition: Tap Factory Activity

Remarks: N/A



Distance: 118.0 ft. Grade: 0

Condition: Tap Factory Activity

Remarks: N/A



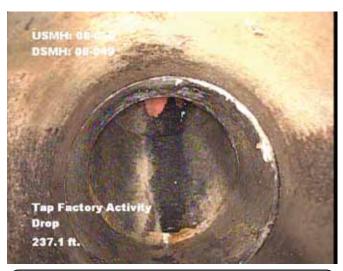
Pipe Segment Refere	City	Street	Material		Location C	Pipe Use
08-050_08-049	Westwood MA	Cobleigh Street	Asbestos Cement		Secondary	Sanitary S
Upstream MH	Total Length	Year Constructed	Shape		Location	n Details
08-050	240		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
08-049	240		8	8		_



Distance: 121.2 ft. Grade:

Condition: Tap Factory Activity

Remarks: N/A



Distance: 237.1 ft. Grade:

Condition: Tap Factory Activity

Remarks: Drop



Distance: 240.0 ft. Grade: Condition:

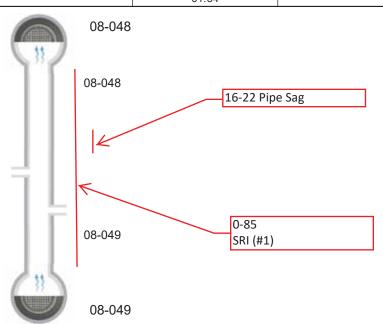
Access Point Manhole

Remarks: 08-049



Pipe Segment Refere		C	ity	Street	Mat	erial	Location C	Pipe Use	
08-048	3_08-049	Westwe	ood MA	Washington Street	Asbestos Cement		Primary Ma	Sanitary S	
Upstream MH		Total Length		Year Constructed	Sh	ape	Location	n Details	
80	3-049	85			Circular				
Downs	stream MH	Length s	surveyed	Year Renewed	Height	Width	Pipe Joint		
80	3-048	8	35		8	8			
SPR	0	MPR	0	PO Number			Customer		
SPRI	0	MPRI	0	-			Environmental Partners		
SPRI	<u> </u>	IVIFKI	<u> </u>	Work Order Number			Purpose		
QSR	0000	QMR	0000			Infiltration/Inflow Investigat			
()PR	Surve	yed By	Direction	Date		Media label		
	0	S_I	Bell	Upstream	20210406				
C	PRI	Certificat	e Number	Pre-Cleaning	Ti	me	Weather		
0		0703003652		Light Cleaning	01	:49	Dry - No P		
		Date C	Cleaned		End	End Time		Additional Info	
		2021	0406		01	:54			

0.0 ft. Access Point Manhole
0.0 ft. Miscellaneous Water Level
77.8 ft. Tap Factory Activity
81.4 ft. Tap Factory Activity
85.0 ft. Access Point Manhole



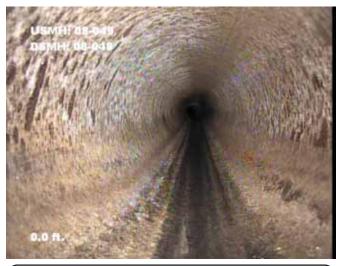


Pipe Segr	nent Refere	С	ity	Street	Mate	erial	Location C	Pipe Use
08-048	3_08-049	Westwood MA		Washington Street	Asbestos	Cement	Primary Ma	Sanitary S
Upstr	eam MH	Total Length		Year Constructed	Sha	аре	Location	n Details
30	3-049	8	5		Circ	ular		
Downs	stream MH	Length s	surveyed	Year Renewed	Height	Width	Pipe Joint	
30	3-048	8	5		8	8		
SPR	0	MPR	0	PO Number		Customer		
SPRI	0	MPRI	0			Environmental Partners		
SPRI	U	IVIPRI	0	Work Order Numb	er	Purpose		
QSR	0000	QMR	0000			Infiltration/Inflow Investigat		stigat
()PR	Surveyed By		Direction	Date		Media label	
	0	S_Bell		Upstream	20210406			
	PRI	Certificate	e Number	Pre-Cleaning	Tir	Time		
	0	07030	03652	Light Cleaning	01:	49	Dry - No P	
	Date Cleaned			•	End Time		Additional Info	
	20210406				01:	54		

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
Distance	Condition	Cont. Dict.	1st	2nd	%	Joint	At/From	То	Grade
0.0 ft.	Access Point Manhole								
Remarks: 08-048									
0.0 ft.	Miscellaneous Water Level				5				
77.8 ft.	Tap Factory Activity		6				3		
81.4 ft.	Tap Factory Activity		6				9		
85.0 ft.	Access Point Manhole								
Remarks:	08-049								



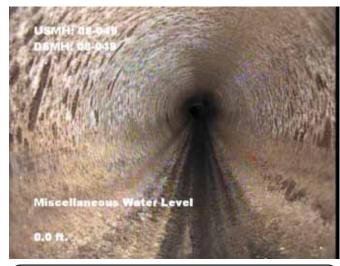
Pipe Segment Refere	City	Street	Material		Location C	Pipe Use
08-048_08-049	Westwood MA	Washington Street	Asbestos Cement		Primary Ma	Sanitary S
Upstream MH	Total Length	Year Constructed	Shape		Location	Details
08-049	85		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
08-048	85		8	8		,



Distance: 0.0 ft. Grade: 0

Condition: Access Point Manhole

Remarks: 08-048



Distance: 0.0 ft. Grade: (

Condition: Miscellaneous Water Level

Remarks: N/A



Distance: 77.8 ft. Grade: 0

Condition: Tap Factory Activity

Remarks: N/A



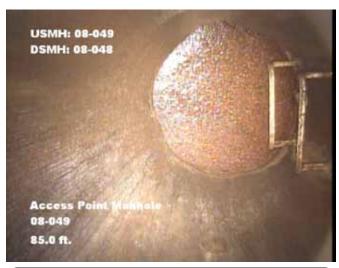
Distance: 81.4 ft. Grade: 0

Condition: Tap Factory Activity

Remarks: N/A



Pipe Segment Refere	City	Street	Mate	erial	Location C	Pipe Use
08-048_08-049	Westwood MA	Washington Street	Asbestos	Cement	Primary Ma	Sanitary S
Upstream MH	Total Length	Year Constructed	Sha	аре	Location	n Details
08-049	85		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
08-048	85		8	8		_



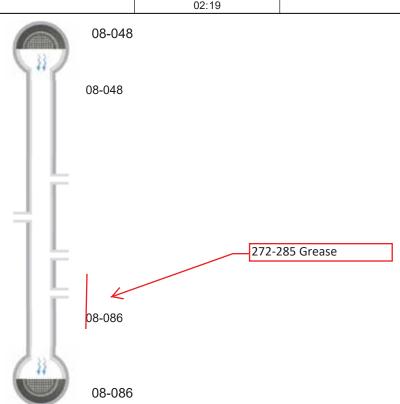
Distance: 85.0 ft. Grade: 0

Condition: Access Point Manhole



Pipe Segm	ent Refere	C	ity	Street	Mat	erial	Location C	Pipe Use
08-048	_08-086	Westwo	ood MA	Washington Street	Asbestos	s Cement	Primary Ma	Sanitary S
Upstre	am MH	Total Length		Year Constructed	Sha	Shape		n Details
08-	048	282			Circ	Circular		
Downsst	Downsstream MH		surveyed	Year Renewed	Height	Width	Pipe Joint	
08-	086	28	82		8	8		
SPR	0	MPR	0	PO Number			Customer	
SPRI	0	MPRI	0		Env		rironmental Par	iners
SFRI	0	IVIFICI	0	Work Order Numb	er		Purpose	
QSR	0000	QMR	0000			Infiltra	ation/Inflow Inve	stigat
0	OPR Surveyed By		Direction	Da	ate	Media	a label	
	0	S_I	Bell	Downstream	Downstream 20210			
O	PRI	Certificat	e Number	Pre-Cleaning	Tir	me	Weather	
	0		03652	Light Cleaning	02	:09	Dry - No P	
			leaned		End	Time	Additio	nal Info
			0406		02	:19		

0.0 ft. Access Point Manhole
0.0 ft. Miscellaneous Water Level
65.1 ft. Tap Break-in Activity
153.0 ft. Tap Factory Activity
261.6 ft. Tap Factory Made Capped
280.4 ft. Tap Factory Activity
282.0 ft. Access Point Manhole



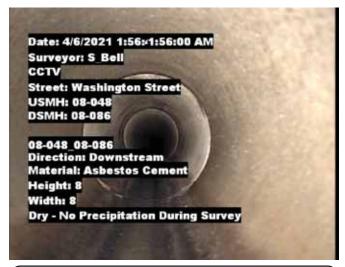


Pipe Segm	ent Refere	Ci	ity	Street	Mat	erial	Location C	Pipe Use
08-048	3_08-086	Westwo	ood MA	Washington Street	Asbestos	s Cement	Primary Ma	Sanitary S
Upstre	eam MH	Total I	_ength	Year Constructed	Sha	Shape		n Details
08	-048	282			Circular			
Downss	tream MH	Length s	surveyed	Year Renewed	Height Width		Pipe Joint	
08	-086	28	32		8	8		
SPR	SPR 0 MPR 0 PO Number			Customer				
SPRI	0	MPRI	0			Env	ironmental Par	tners
SPRI	0	IVIPRI	0	Work Order Number	er		Purpose	
QSR	0000	QMR	0000			Infiltra	ation/Inflow Investigat	
C)PR	PR Surveyed By		Direction	Da	ate	Media	a label
	0	S_E	Bell	Downstream	20210406			
0	PRI	Certificate	e Number	Pre-Cleaning	Time		Weather	
	0		03652	Light Cleaning	02:	2:09 Dry - No P		
	-		leaned		End		Additio	nal Info
			0406		02:	:19		

Distance	Condition	Cont. Dfct.	Values			Joint	Clock P	osition	Grade
Distance	Condition	Cont. Dict.	1st	2nd	%	Joint	At/From	То	Grade
0.0 ft.	Access Point Manhole								
Remarks:	08-048								
0.0 ft.	Miscellaneous Water Level				5				
65.1 ft.	Tap Break-in Activity		6				9		
153.0 ft.	Tap Factory Activity		6				3		
261.6 ft.	Tap Factory Made Capped		6				9		
280.4 ft.	Tap Factory Activity		6				9		
282.0 ft.	Access Point Manhole								
Remarks:	08-086								



(Pipe Segment Refere	City	Street	Mat	erial	Location C	Pipe Use
	08-048_08-086	Westwood MA	Washington Street	Asbestos	s Cement	Primary Ma	Sanitary S
Г	Upstream MH	Total Length	Year Constructed	Sha	ape	Location	Details
1	08-048	282		Circ	ular		
Г	Downsstream MH	Length surveyed	Year Renewed	Height Width		Pipe Joint	
	08-086	282		8 8			



Distance: 0.0 ft. Grade:

Condition: Access Point Manhole

Remarks: 08-048



Distance: 0.0 ft. Grade:

Condition: Miscellaneous Water Level

Remarks: N/A



Distance: 65.1 ft. Grade:

0 Condition: Tap Break-in Activity Remarks: N/A



Distance: 153.0 ft. Grade:

Condition: Tap Factory Activity



Pipe Segment Refere	City	Street	Mat	erial	Location C	Pipe Use
08-048_08-086	Westwood MA	Washington Street	Asbestos	s Cement	Primary Ma	Sanitary S
Upstream MH	Total Length	Year Constructed	Sha	Shape		Details
08-048	282		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
08-086	282		8	8		ر ا



Distance: 261.6 ft. Grade: (
Condition: Tap Factory Made Capped

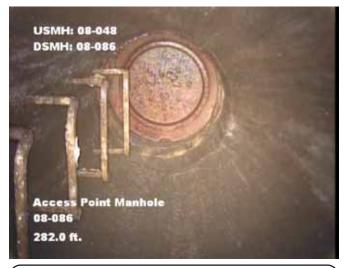
Remarks: N/A



Distance: 280.4 ft. Grade: 0

Condition: Tap Factory Activity

Remarks: N/A



Distance: 282.0 ft. Grade: 0
Condition: Access Point Manhole



Pipe Segme	ent Refere	Ci	ty	Street	Mat	erial	Location C	Pipe Use
08-078	_08-077	Westwo	·		Secondary	Sanitary S		
Upstre	am MH	Total Length		Year Constructed	Sha	ape	Locatio	n Details
08-	077				Circular			
Downsstream MH		Length surveyed		Year Renewed	Height Width		Pipe Joint	
08-	078	0			8	8		
SPR	0	MPR	0	PO Number			Customer	
SPRI	0	MPRI	0			Env	ironmental Par	tners
SPRI	0	IVIPRI	0	Work Order Number	er		Purpose	
QSR	0000	QMR	0000			Infiltra	ation/Inflow Investigat	
OI	PR	Survey	yed By	Direction	Date		Medi	a label
)	S_E	Bell	Upstream	20210406			
OF	OPRI Certificate Number		e Number	Pre-Cleaning	Time		Weather	
	0		03652	Light Cleaning	02	:44	Dry - No P	
	Date Cleaned		leaned		End	Time	Additio	nal Info
		2021	0406					

		(
0.0 ft.	Access Point Manhole	
0.0 ft.	Miscellaneous Water Level	
93.1 ft.	Tap Factory Activity	
148.5 ft.	Tap Factory Activity	
204.1 ft.	Tap Factory Activity	
207.6 ft.	Tap Factory Activity	
282.0 ft.	Access Point Manhole	
		- /



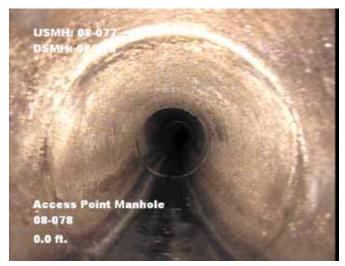


Pipe Segn	nent Refere	С	ity	Street	Mate	erial	Location C	Pipe Use
08-078	3_08-077	Westwo	ood MA	Hooper Street	Asbestos	Cement	Secondary	Sanitary S
Upstr	eam MH	Total I	Length	Year Constructed	Sha	аре	Location	n Details
08	-077				Circ	ular		
Downsstream MH		Length s	surveyed	Year Renewed	Height	Width	Pipe Joint	
08	-078	(0		8	8		
SPR	0	MPR	0	PO Number			Customer	
SPRI	0	MPRI	0	-		Envi		tners
SPRI	U	IVIPRI	0	Work Order Numb	er		Purpose	
QSR	0000	QMR	0000			Infiltra	tion/Inflow Inve	estigat
C)PR	Surve	yed By	Direction	Date		Media	a label
	0	S_I	Bell	Upstream	20210406			
C	PRI	Certificat	e Number	Pre-Cleaning	Tir	ne	Weather	
	0	07030	03652	Light Cleaning	02:	44	Dry - No P	
	Date Cleaned		leaned		End	Time	Additio	nal Info
			0406					

Distance	Condition	Cont. Dfct.	Values			Joint	Clock P	osition	Crado
Distance	Condition	Cont. Dict.	1st	2nd	%	Joint	At/From	То	Grade
0.0 ft.	Access Point Manhole								
Remarks:	08-078								
0.0 ft.	Miscellaneous Water Level				5				
93.1 ft.	Tap Factory Activity		6				12		
148.5 ft.	Tap Factory Activity		6				12		
204.1 ft.	Tap Factory Activity		6				9		
207.6 ft.	Tap Factory Activity		6				12		
282.0 ft.	Access Point Manhole								
Remarks:	08-077								



Pipe Segment Refere	City	Street	Mat	erial	Location C	Pipe Use
08-078_08-077	Westwood MA	Hooper Street	Asbestos	s Cement	Secondary	Sanitary S
Upstream MH	Total Length	Year Constructed	Sha	Shape		Details
08-077			Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
08-078	0		8 8			,



Distance: 0.0 ft. Grade: 0

Condition: Access Point Manhole

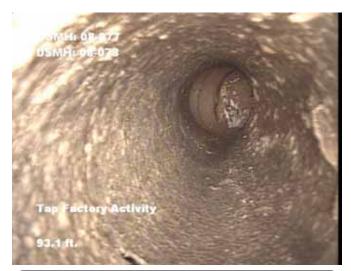
Remarks: 08-078



Distance: 0.0 ft. Grade: 0

Condition: Miscellaneous Water Level

Remarks: N/A



Distance: 93.1 ft. Grade: 0

Condition: Tap Factory Activity

Remarks: N/A



Distance: 148.5 ft. Grade: 0

Condition: Tap Factory Activity



Pipe Segment Refere	City	Street	Mat	erial	Location C	Pipe Use
08-078_08-077	Westwood MA	Hooper Street	Asbestos Cement		Secondary	Sanitary S
Upstream MH	Total Length	Year Constructed	Sha	Shape		n Details
08-077			Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
08-078	0		8 8			



Distance: 204.1 ft. Grade: 0

Condition: Tap Factory Activity

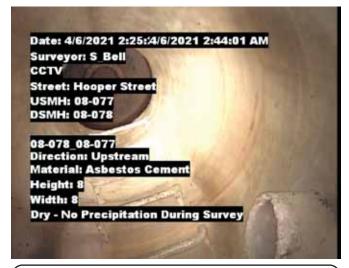
Remarks: N/A



Distance: 207.6 ft. Grade: 0

Condition: Tap Factory Activity

Remarks: N/A

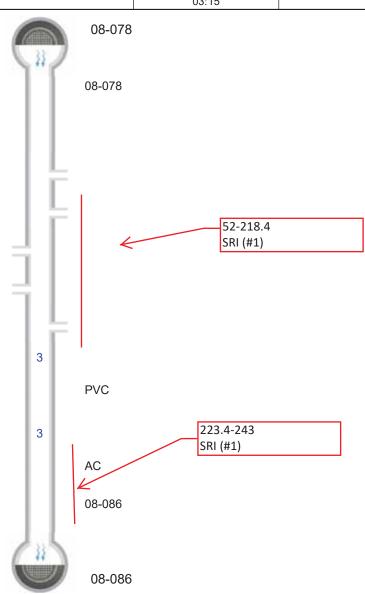


Distance: 282.0 ft. Grade: 0
Condition: Access Point Manhole



Pipe Segme	ent Refere	Ci	ty	Street	Mat	erial	Location C	Pipe Use
08-078	_08-086	Westwo	ood MA	Hooper Street	Asbesto	s Cement	Secondary	Sanitary S
Upstre	am MH	Total L	ength	Year Constructed	Sh	ape	Locatio	n Details
08-	078	243			Circular			
Downsst	ream MH	Length surveyed		Year Renewed	Height Width		Pipe Joint	
08-	086	24	13		8	8		
SPR	6	MPR	0	PO Number		Customer		
SPRI	3	MPRI	0	-		Envir		tners
SPRI	ა	IVIPRI	0	Work Order Number	er		Purpose	
QSR	3200	QMR	0000				tion/Inflow Inve	estigat
Ol	PR	Surveyed By		Direction	Da	ate	Medi	a label
	6	S_Bell		Downstream	20210406			
OF	OPRI		Number	Pre-Cleaning	Ti	me	Weather	
;	3 070		03652	Light Cleaning	03	:04	Dry - No P	
	Date Cleaned			End	End Time		nal Info	
	20210		0406		03	:15		





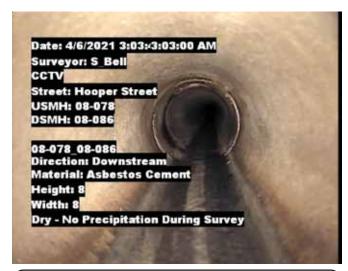


Pip	e Segmer	nt Refere	С	ity	Street	Mat	erial	Location C	Pipe Use
(08-078_0	08-086	Westwo	ood MA	Hooper Street	Asbesto	s Cement	Secondary	Sanitary S
	Upstrea	m MH	Total I	_ength	Year Constructed	Sh	ape	Location D	
	08-0	78	24	13		Circ	cular		
[Downsstre	am MH	Length s	surveyed	Year Renewed	Height	Width	Pipe Joint	
	08-0	86	24	43		8	8		<u> </u>
SP	PR	6	MPR	0	PO Number			Customer	
CD.	NDI.	2	MDDI	0	-		Env	ironmental Par	tners
SP	'KI	3	MPRI	0	Work Order Numb	per		Purpose	
QS	SR	3200	QMR	0000			Infiltra	Itration/Inflow Investigat.	
	OPI	₹	Surve	yed By	Direction	Da	ate	Media	a label
	6		S_E	Bell	Downstream	2021	0406		
	OPF	રા	Certificate	e Number	Pre-Cleaning	Ti	me	Weather	
	3		07030	03652	Light Cleaning	03	:04	Dry - No P	
	Date Cleaned			End	Time	Additional Info			
	20210406		0406		03	:15			

Distance	Condition	Comt Dist		Values		la:m4	Clock P	osition	Canda
Distance	Condition	Cont. Dfct.	1st	2nd	%	Joint	At/From	То	Grade
0.0 ft.	Access Point Manhole								
Remarks:	08-078								
0.0 ft.	Miscellaneous Water Level				5				
3.1 ft.	Tap Factory Activity		6				12		
71.1 ft.	Tap Factory Activity		6				9		
116.1 ft.	Tap Break-in Activity		6				3		
158.9 ft.	Tap Factory Made Capped		6				3		
162.3 ft.	Tap Factory Activity		6				9		
218.4 ft.	Joint Offset Medium								3
218.4 ft.	Miscellaneous Material Change								
Remarks:	PVC								
223.1 ft.	Joint Offset Medium								3
223.1 ft.	Miscellaneous Material Change								
Remarks:	AC								
243.0 ft.	Access Point Manhole								
Remarks:	08-086								



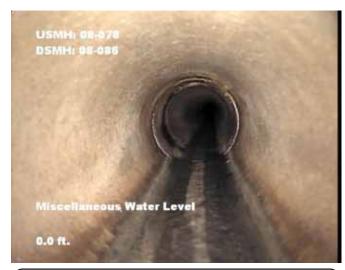
Pipe Segment Refere	City	Street	Mate	Material		Pipe Use
08-078_08-086	Westwood MA	Hooper Street	Asbestos Cement		Secondary	Sanitary S
Upstream MH	Total Length	Year Constructed	Sha	ape	Location	Details
08-078	243		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height Width		Pipe Joint	
08-086	243		8 8			,



Distance: 0.0 ft. Grade: 0

Condition: Access Point Manhole

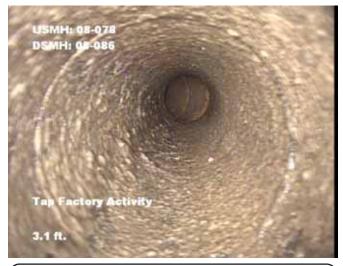
Remarks: 08-078



Distance: 0.0 ft. Grade: 0

Condition: Miscellaneous Water Level

Remarks: N/A



Distance: 3.1 ft. Grade: 0

Condition: Tap Factory Activity

Remarks: N/A

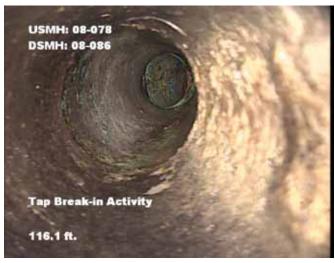


Distance: 71.1 ft. Grade: 0

Condition: Tap Factory Activity



Pipe Segment Refere	City	Street	Mate	erial	Location C	Pipe Use
08-078_08-086	Westwood MA	Hooper Street	Asbestos Cement		Secondary	Sanitary S
Upstream MH	Total Length	Year Constructed	Sha	Shape		n Details
08-078	243		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height Width		Pipe Joint	
08-086	243		8	8		_



Distance: 116.1 ft. Grade: 0

Condition: Tap Break-in Activity

Remarks: N/A



Distance: 158.9 ft. Grade: 0

Condition: Tap Factory Made Capped

Remarks: N/A



Distance: 162.3 ft. Grade: 0

Condition: Tap Factory Activity

Remarks: N/A



Distance: 218.4 ft. Grade: 3

Condition: Joint Offset Medium



Pipe Segment Refere	City	Street	Mate	erial	Location C	Pipe Use
08-078_08-086	Westwood MA	Hooper Street	Asbestos Cement		Secondary	Sanitary S
Upstream MH	Total Length	Year Constructed	Sha	Shape		n Details
08-078	243		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height Width		Pipe Joint	
08-086	243		8	8		_



Distance: 218.4 ft. Grade: 0
Condition: Miscellaneous Material Change

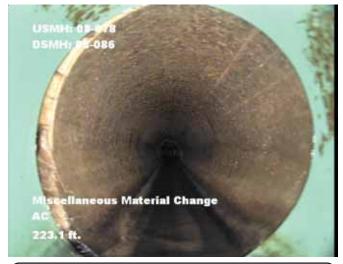
Remarks: PVC



Distance: 223.1 ft. Grade: 3

Condition: Joint Offset Medium

Remarks: N/A



Distance: 223.1 ft. Grade: 0
Condition: Miscellaneous Material Change

Remarks: AC



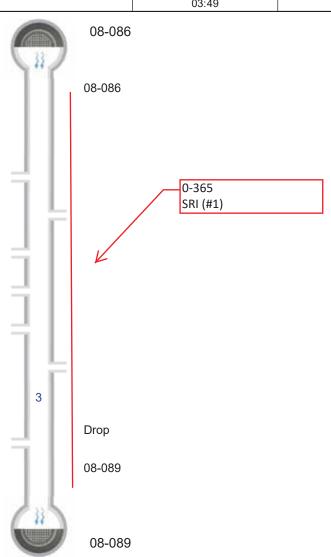
Distance: 243.0 ft. Grade: 0

Condition: Access Point Manhole



Pipe Segme	ent Refere	Ci	ty	Street	Mat	erial	Location C	Pipe Use
08-086	_08-089	Westwo	ood MA	Washington Street	Asbesto	s Cement	Primary Ma	Sanitary S
Upstre	am MH	Total L	_ength	Year Constructed	Sh	ape	Locatio	n Details
08-	086	365			Circular			
Downsst	ream MH	Length surveyed		Year Renewed	Height Width		Pipe Joint	
08-	089	36	35		8	8		
SPR	3	MPR	0	PO Number		Customer		
SPRI	3	MPRI	0	-		Envir		tners
SPRI	ა 	IVIPRI	0	Work Order Number	er		Purpose	
QSR	3100	QMR	0000			Infiltra	tion/Inflow Inve	estigat
Ol	PR	Surveyed By		Direction	Da	ate	Medi	a label
	3	S_Bell		Downstream	20210406			
OF	OPRI Certif		e Number	Pre-Cleaning	Tir	me	Weather	
(3 0703003652		03652	Light Cleaning	03	:36	Dry - No P	
	Date Cleaned		leaned	•	End	Time	Additio	nal Info
	20210406		0406		03	:49		

0.0 ft.	Access Point Manhole
0.0 ft.	Miscellaneous Water Level
108.5 ft.	Tap Factory Made Capped
125.1 ft.	Tap Factory Activity
165.0 ft.	Tap Break-in Activity
240.3 ft.	Tap Factory Made Capped
267.3 ft.	Tap Factory Activity
332.0 ft.	Tap Factory Activity
358.9 ft.	Joint Offset Medium
361.1 ft.	Tap Factory Activity
365.0 ft.	Access Point Manhole





$\overline{}$	Pipe Segme	ent Refere	С	ity	Street	Mat	erial	Location C	Pipe Use
	08-086_	_08-089	Westwo	ood MA	Washington Street	Asbesto	s Cement	Primary Ma	Sanitary S
	Upstrea	am MH	Total I	_ength	Year Constructed	Sh	аре	Location Detail	
	08-0	086	36	35		Circ	ular		
	Downsstr	eam MH	Length s	urveyed	Year Renewed	Height	Width	Pipe Joint	
	08-0	089	36	35		8	8		
	SPR	3	MPR	0	PO Number			Customer	
	CDDI	3	MDDI	0	-		Env	ironmental Par	tners
	SPRI	3	MPRI	0	Work Order Numb	er		Purpose	
	QSR	3100	QMR	0000			Infiltra	ation/Inflow Inve	estigat
	OF	PR	Surve	yed By	Direction	Da	ate	Media	a label
	3	3	S_E	Bell	Downstream	2021	0406		
	OP	'RI	Certificate	e Number	Pre-Cleaning	Ti	ne	Weather	
	3	3	07030	03652	Light Cleaning	03	:36	Dry - No P	
	Date Cleaned			End	Time	Additional Info			
	20210406		0406		03	:49			

Distance	On a distant	Caret Diat		Values		Laint	Clock Po	osition	04-
Distance	Condition	Cont. Dfct.	1st	2nd	%	Joint	At/From	То	Grade
0.0 ft.	Access Point Manhole								
Remarks:	08-086								
0.0 ft.	Miscellaneous Water Level				5				
108.5 ft.	Tap Factory Made Capped		6				3		
125.1 ft.	Tap Factory Activity		6				9		
165.0 ft.	Tap Break-in Activity		6				3		
240.3 ft.	Tap Factory Made Capped		6				3		
267.3 ft.	Tap Factory Activity		6				3		
332.0 ft.	Tap Factory Activity		6				9		
358.9 ft.	Joint Offset Medium								3
361.1 ft.	Tap Factory Activity		6				6		
Remarks:	Drop		-		-				
365.0 ft.	Access Point Manhole								
Remarks:	08-089			•		•			•



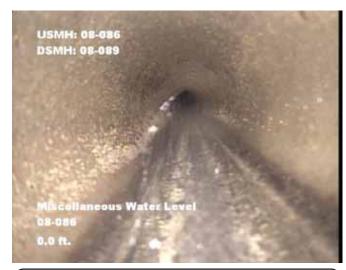
Pipe Segment Refere	City	Street	Mate	erial	Location C	Pipe Use
08-086_08-089	Westwood MA	Washington Street	Asbestos Cement		Primary Ma	Sanitary S
Upstream MH	Total Length	Year Constructed	Sha	аре	Location	Details
08-086	365		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height Width		Pipe Joint	
08-089	365		8	8		,



Distance: 0.0 ft, Grade: 0

Condition: Access Point Manhole

Remarks: 08-086



Distance: 0.0 ft. Grade: 0

Condition: Miscellaneous Water Level

Remarks: N/A



Distance: 108.5 ft. Grade: 0
Condition: Tap Factory Made Capped

Remarks: N/A



Distance: 125.1 ft. Grade: 0

Condition: Tap Factory Activity



Pipe Segment Refere	City	Street	Mate	erial	Location C	Pipe Use
08-086_08-089	Westwood MA	Washington Street	Asbestos Cement		Primary Ma	Sanitary S
Upstream MH	Total Length	Year Constructed	Sha	аре	Location	Details
08-086	365		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height Width		Pipe Joint	
08-089	365		8	8		,



Distance: 165.0 ft. Grade: 0

Condition: Tap Break-in Activity

Remarks: N/A



Distance: 240.3 ft. Grade: 0

Condition: Tap Factory Made Capped

Remarks: N/A



Distance: 267.3 ft. Grade: 0

Condition: Tap Factory Activity

Remarks: N/A



Distance: 332.0 ft. Grade: 0

Condition: Tap Factory Activity



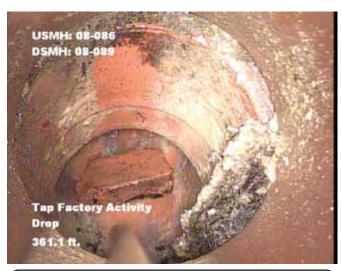
Pipe Segment Refere	City	Street	Mat	erial	Location C	Pipe Use
08-086_08-089	Westwood MA	Washington Street	Asbestos	Asbestos Cement		Sanitary S
Upstream MH	Total Length	Year Constructed	Sha	ape	Location	Details
08-086	365		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
08-089	365		8	8		ر ا



Distance: 358.9 ft. Grade:

Condition: Joint Offset Medium

Remarks: N/A



Distance: 361.1 ft. Grade:

Condition: Tap Factory Activity

Remarks: Drop



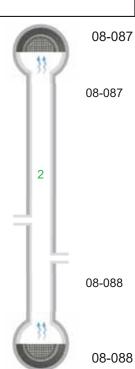
Distance: 365.0 ft. Grade: Condition:

Access Point Manhole



/ Pipe Segri	ient Refere	City		Street	Material		Location C	Pipe Use	
08-087	_08-088	Westwo	ood MA	Alcott Lane	Asbestos Cement		Secondary	Sanitary S	
Upstre	eam MH	Total Length		Year Constructed	Shape		Locatio	n Details	
08	-088	150			Circ	ular			
Downss	tream MH	Length surveyed		Year Renewed	Height	Width	Pipe Joint		
08	-087	15	50		8	8			
SPR	0	MPR	2	PO Number			Customer		
ODDI	•	MDDI		-	Envi		rironmental Partners		
SPRI	0	MPRI	2	Work Order Number	er		Purpose		
QSR	0000	QMR	2100			Infiltra	ation/Inflow Investigat		
С	PR	Surveyed By		Direction	Date		Medi	a label	
	2	S_Bell		Upstream	20210406				
0	PRI	Certificate Number		Pre-Cleaning	Time		Weather		
	2		03652	Light Cleaning	04:01		Dry - No P		
			Cleaned		End	Time	Additio	nal Info	
			0406		04	:07			

0.0 ft. Access Point Manhole
0.0 ft. Miscellaneous Water Level
28.0 ft. Deposits Attached Encrustation
30.7 ft. Tap Factory Activity
47.6 ft. Tap Factory Activity
150.0 ft. Access Point Manhole





Pipe Segm	nent Refere	С	ity	Street	Mate	erial	Location C	Pipe Use
08-087	7_ 08-088	Westwo	ood MA	Alcott Lane	Asbestos	Cement	Secondary	Sanitary S
Upstr	eam MH	Total Length		Year Constructed	Shape		Location	n Details
08	-088	150			Circ	ular		
Downss	tream MH	Length s	surveyed	Year Renewed	Height Width		Pipe Joint	
08	-087	15	50		8	8		
SPR	0	MPR	2	PO Number				
SPRI	0	MPRI	2	-	Envi		ironmental Partners	
SPRI	U	IVIPRI		Work Order Number	er		Purpose	
QSR	0000	QMR	2100			Infiltra	ation/Inflow Investigat	
C)PR	Surve	yed By	Direction	Da	nte	Media	a label
	2	S_E	Bell	Upstream	2021	0406		
С	PRI	Certificate	e Number	Pre-Cleaning	Tir	ne	Weather	
	2 0703003652 Date Cleaned		03652	Light Cleaning	04:	04:01		
			leaned	•	End	Time	Additio	nal Info
			0406		04:	:07		

Distance	Condition	Cont. Dfct.		Values		Joint	Clock P	osition	Grade
Distance	Condition	Cont. Dict.	1st	2nd	%	Joint	At/From	То	Grade
0.0 ft.	Access Point Manhole								
Remarks:	08-087			-					
0.0 ft.	Miscellaneous Water Level				5				
28.0 ft.	Deposits Attached Encrustation				5		6		2
30.7 ft.	Tap Factory Activity		6				3		
47.6 ft.	Tap Factory Activity		6				9		
150.0 ft.	Access Point Manhole								
Remarks:	08-088								



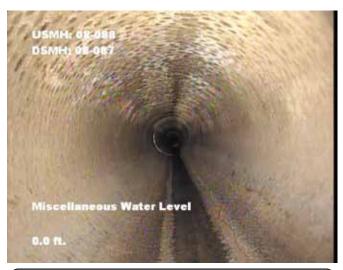
Pipe Segment Refere	City	Street	Mat	erial	Location C	Pipe Use
08-087_08-088	Westwood MA	Alcott Lane	Asbestos	Asbestos Cement		Sanitary S
Upstream MH	Total Length	Year Constructed	Sha	Shape		Details
08-088	150		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
08-087	150		8 8			,



Distance: 0.0 ft. Grade: 0

Condition: Access Point Manhole

Remarks: 08-087



Distance: 0.0 ft. Grade: 0

Condition: Miscellaneous Water Level

Remarks: N/A



Distance: 28.0 ft. Grade: 2
Condition: Deposits Attached Encrustation

Remarks: N/A



Distance: 30.7 ft. Grade: 0

Condition: Tap Factory Activity



Pipe Segment Refere	City	Street	Mate	erial	Location C	Pipe Use
08-087_08-088	Westwood MA	Alcott Lane	Asbestos Cement		Secondary	Sanitary S
Upstream MH	Total Length	Year Constructed	Sha	Shape		n Details
08-088	150		Circular			
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
08-087	150		8	8		<i> </i>



Distance: 47.6 ft. Grade: 0

Condition: Tap Factory Activity

Remarks: N/A



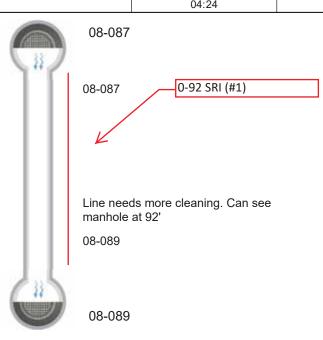
Distance: 150.0 ft. Grade: 0

Condition: Access Point Manhole



Pipe Segn	nent Refere	C	ity	Street	Mat	erial	Location C	Pipe Use
08-087	7_ 08-089	Westwo	ood MA	Alcott Lane	Asbesto	s Cement	Secondary	Sanitary S
Upstr	eam MH	Total Length		Year Constructed	Shape		Locatio	n Details
08	-087	92			Circ	Circular		
Downs	tream MH	Length s	surveyed	Year Renewed	Height	Width	Pipe Joint	
08	-089	9	2		8	8		
SPR	0	MPR	0	PO Number			Customer	
SPRI	0	MPRI	0	-		En	vironmental Partners	
SPRI	0	IVIPRI	0	Work Order Numb	er		Purpose	
QSR	0000	QMR	0000			Infiltra	ation/Inflow Inve	estigat
C)PR	Surve	yed By	Direction	Da	ate	Medi	a label
	0	S_E	Bell	Downstream	2021	0406		
С	PRI	Certificate	e Number	Pre-Cleaning	Ti	me	Weather	
	0		03652	No Pre-Cleaning	04	:16	Dry - No P	
			leaned		End	Time	Additio	onal Info
					04	:24		

0.0 ft.	Access Point Manhole
0.0 ft.	Miscellaneous Water Level
53.4 ft.	Miscellaneous Water Level
64.0 ft.	Miscellaneous General Observation
92.0 ft.	Access Point Manhole





Pipe S	egment Refere	С	ity	Street	Mat	erial	Location C	Pipe Use
08-	087_08-089	Westwo	ood MA	Alcott Lane	Asbestos	s Cement	Secondary	Sanitary S
U	ostream MH	Total I	Length	Year Constructed	Shape		Locatio	n Details
	08-087	9	2		Circ	cular		
Dow	nsstream MH	Length s	surveyed	Year Renewed	Height	<u> </u>		
	08-089	9	2		8	8		
SPR	0	MPR	0	PO Number			Customer	
CDDI	0	MDDI	0			En	vironmental Par	tners
SPRI	0	MPRI	0	Work Order Numb	per		Purpose	
QSR	0000	QMR	0000			Infiltra	ation/Inflow Investigat	
	OPR	Surve	yed By	Direction	Da	ate	Medi	a label
	0	S_I	Bell	Downstream	2021	0406		
	OPRI	Certificat	e Number	Pre-Cleaning	Tir	me	Weather	
	0	07030	03652	No Pre-Cleaning	04	:16	Dry - No P	
	Date Cleaned			End	Time	Additio	nal Info	
				04	:24			

Distance	Condition	Cont. Dfct.	Values			Joint	Clock P	osition	Grade
Distance	Condition	Cont. Dict.	1st	2nd	%	Joint	At/From	То	Grade
0.0 ft.	Access Point Manhole								
Remarks:	08-087								
0.0 ft.	Miscellaneous Water Level				5				
53.4 ft.	Miscellaneous Water Level				15				
64.0 ft.	Miscellaneous General Observation								
Remarks:	emarks: Line needs more cleaning. Can see manhole at 92'								
92.0 ft.	Access Point Manhole								
Remarks:	08-089								



Pipe Segment Refere	City	Street	Mate	erial	Location C	Pipe Use
08-087_08-089	Westwood MA	Alcott Lane	Asbestos	Asbestos Cement		Sanitary S
Upstream MH	Total Length	Year Constructed	Sha	Shape		n Details
08-087	92		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
08-089	92		8	8		_



Distance: 0.0 ft. Grade: 0

Condition: Access Point Manhole

Remarks: 08-087



Distance: 0.0 ft. Grade: 0

Miscellaneous Water Level

Remarks: N/A

Condition:



Distance: 53.4 ft. Grade: 0
Condition: Miscellaneous Water Level

Remarks: N/A



Distance: 64.0 ft. Grade: 0

Condition: Miscellaneous General Observation

Remarks: Line needs more cleaning. Can see

manhole at 92'



Pipe Segment Refere	City	Street	Mate	erial	Location C	Pipe Use
08-087_08-089	Westwood MA	Alcott Lane	Asbestos	Asbestos Cement		Sanitary S
Upstream MH	Total Length	Year Constructed	Sha	Shape		n Details
08-087	92		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
08-089	92		8	8		_



Distance: 92.0 ft. Grade: 0

Condition: Access Point Manhole

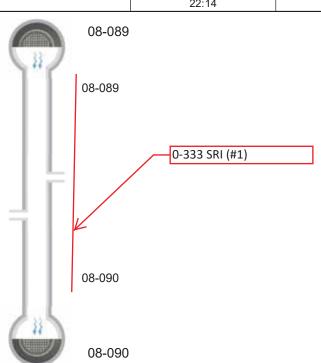


Pipe Segme	ent Refere	С	ity	Street	Mat	erial	Location C	Pipe Use
08-089	_08-090	Westwo	ood MA	Washington Street	Asbestos	s Cement	Primary Ma	Sanitary S
Upstre	am MH	Total I	Length	Year Constructed	Shape		Location Details	
08-	089	333			Circ	ular		
Downsst	ream MH	Length s	surveyed	Year Renewed	Height	Width	Pipe Joint	
08-	090	33	33		8	8		
SPR	0	MPR	0	PO Number			Customer	
SPRI	0	MPRI	0	1	Envi		ronmental Par	tners
SPRI	U	IVIFIXI	0	Work Order Number	er		Purpose	
QSR	0000	QMR	0000			Infiltrat	ration/Inflow Investigat	
Ol	PR .	Surve	yed By	Direction	Da	ate	Media	a label
)	S_I	Bell	Downstream	2021	0406		
OF	PRI	Certificat	e Number	Pre-Cleaning	Time		Weather	
)	07030	03652	Light Cleaning	22	:02	Dry - No P	
	Date Cleaned		leaned	•	End Time		Additional Info	
		2021	0406		22	:14		

0.0 ft. Access Point Manhole
0.0 ft. Miscellaneous Water Level
91.8 ft. Tap Factory Activity
128.0 ft. Tap Factory Activity

309.3 ft. Miscellaneous Water Level

333.0 ft. Access Point Manhole





Pipe S	egment Refere	С	ity	Street	Mat	erial	Location C	Pipe Use
08-	089_08-090	Westwo	ood MA	Washington Street	Asbestos	s Cement	Primary Ma	Sanitary S
U	pstream MH	Total I	_ength	Year Constructed	Sha	ape	Location Details	
	08-089	33	33		Circ	ular		
Dov	vnsstream MH	Length s	surveyed	Year Renewed	Height	Width	Pipe Joint	
	08-090	33	33		8	8		
SPR	0	MPR	0	PO Number			Customer	
SPRI	0	MPRI	0		Env		nvironmental Partners	
SPRI	0	IVIPRI	0	Work Order Number	er		Purpose	
QSR	0000	QMR	0000			Infiltra	tration/Inflow Investigat	
	OPR	Surve	yed By	Direction	Da	ate	Media	a label
	0	S_E	Bell	Downstream	2021	0406		
	OPRI	Certificate	e Number	Pre-Cleaning	Tir	ne	Weather	
	0	07030	03652	Light Cleaning	22:	:02	Dry - No P	
	Date Cleaned			End	Time	Additio	nal Info	
	20210406				22:	:14		

Distance	Condition	Cont. Dfct.		Values		Joint	Clock P	osition	Grade
Distance	Condition	Cont. Dict.	1st	2nd	%		At/From	То	Grade
0.0 ft.	Access Point Manhole								
Remarks:	08-089								
0.0 ft.	Miscellaneous Water Level				5				
91.8 ft.	Tap Factory Activity		6				9		
128.0 ft.	Tap Factory Activity		6				3		
309.3 ft.	Miscellaneous Water Level				15				
333.0 ft.	Access Point Manhole								
Remarks:	08-090								



Pipe Segment Refere	City	Street	Mat	erial	Location C	Pipe Use
08-089_08-090	Westwood MA	Washington Street	Asbestos Cement		Primary Ma	Sanitary S
Upstream MH	Total Length	Year Constructed	Shape		Location	n Details
08-089	333		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
08-090	333		8	8		



Distance: 0.0 ft. Grade: 0

Condition: Access Point Manhole

Remarks: 08-089



Distance: 0.0 ft. Grade: 0

Condition: Miscellaneous Water Level

Remarks: N/A



Distance: 91.8 ft. Grade: 0

Condition: Tap Factory Activity

Remarks: N/A



Distance: 128.0 ft. Grade: 0

Condition: Tap Factory Activity



Pipe Segment Refere	City	Street	Mat	Material		Pipe Use
08-089_08-090	Westwood MA	Washington Street	Asbestos	Asbestos Cement		Sanitary S
Upstream MH	Total Length	Year Constructed	Shape		Location	Details
08-089	333		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
08-090	333		8	8		ر ا



Distance: 309.3 ft. Grade: 0
Condition: Miscellaneous Water Level

Remarks: N/A

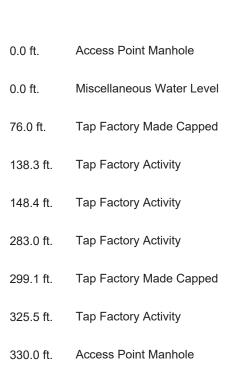


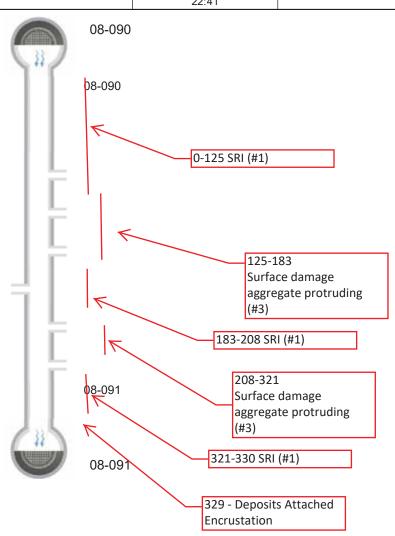
Distance: 333.0 ft. Grade: (

Condition: Access Point Manhole



Pipe Segm	ent Refere	Ci	ity	Street	Mat	erial	Location C	Pipe Use
08-090	_08-091	Westwo	ood MA	Washington Street	Asbestos Cement		Primary Ma	Sanitary S
Upstre	eam MH	Total I	_ength	Year Constructed	Sh	ape	Location Details	
08-	-090	330			Circ	cular		
Downss	tream MH	Length surveyed		Year Renewed	Height	Width	Pipe Joint	
08-	-091	33	30		8	8		
SPR	0	MPR	0	PO Number			Customer	
SPRI	0	MPRI	0	-	Envi		vironmental Partners	
SPRI	0	IVIFKI		Work Order Number	er		Purpose	
QSR	0000	QMR	0000			Infiltration/Inflow Investigat		estigat
0	PR	Surve	yed By	Direction	Da	ate	Medi	a label
	0	S_E	Bell	Downstream	2021	0406		
0	PRI	Certificate Number		Pre-Cleaning	Time		Weather	
	0		03652	Light Cleaning	22:29		Dry - No P	
	Date Cleaned			End Tim		Time	Additio	nal Info
			0406		22:41			





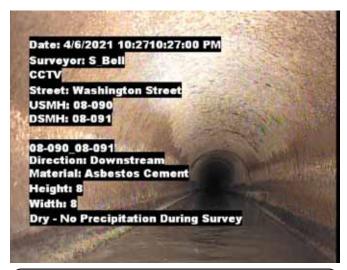


Pi	ipe Segme	nt Refere	Ci	ity	Street	Mat	erial	Location C	Pipe Use	
	08-090_	08-091	Westwo	ood MA	Washington Street	Asbesto	s Cement	Primary Ma	Sanitary S	
	Upstrea	ım MH	Total I	_ength	Year Constructed	Sh	ape	Locatio	n Details	
	08-0)90	33	30		Circ	cular			
	Downsstr	eam MH	Length s	urveyed	Year Renewed	Height	Width	Pipe Joint		
	08-0)91	33	30		8	8	8		
S	SPR	0	MPR	0	PO Number			Customer		
<u> </u>	DDI	0	MDDI	0			Environmental P		tners	
5	PRI	0	MPRI	0	Work Order Numb	per		Purpose		
C	SR	0000	QMR	0000			Infiltra	ation/Inflow Investigat		
	OP	'R	Surve	ed By	Direction	Da	ate	Medi	a label	
	0	1	S_E	Bell	Downstream	2021	0406			
	OP	RI	Certificate	e Number	Pre-Cleaning	Ti	me	Weather		
	0	1	07030	03652	Light Cleaning	22	:29	Dry - No P		
	Date Cleaned			End	Time	Additio	nal Info			
	20210406		0406		22:41					

Distance	Condition	Cont. Dfct.		Values		Joint	Clock P	osition	Grade
Distance	Condition	Cont. Dict.	1st	2nd	%	Joint	At/From	То	Grade
0.0 ft.	Access Point Manhole								
Remarks:	08-090								
0.0 ft.	Miscellaneous Water Level				15				
76.0 ft.	Tap Factory Made Capped		6				9		
138.3 ft.	Tap Factory Activity		6				12		
148.4 ft.	Tap Factory Activity		6				9		
283.0 ft.	Tap Factory Activity		6				3		
299.1 ft.	Tap Factory Made Capped		6				12		
325.5 ft.	Tap Factory Activity		6				12		
330.0 ft.	Access Point Manhole								
Remarks:	08-091								



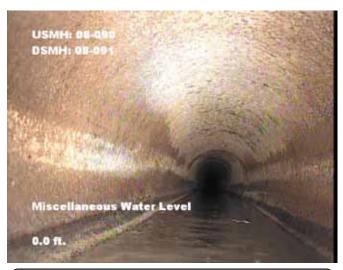
Pipe Segment Refere	City	Street	Mat	erial	Location C	Pipe Use
08-090_08-091	Westwood MA	Washington Street	Asbestos Cement		Primary Ma	Sanitary S
Upstream MH	Total Length	Year Constructed	Shape		Location	n Details
08-090	330		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
08-091	330		8	8		



Distance: 0.0 ft. Grade: 0

Condition: Access Point Manhole

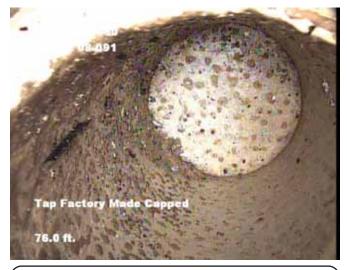
Remarks: 08-090



Distance: 0.0 ft. Grade: (

Condition: Miscellaneous Water Level

Remarks: N/A



Distance: 76.0 ft. Grade:

Condition: Tap Factory Made Capped

Remarks: N/A



Distance: 138.3 ft. Grade: 0

Condition: Tap Factory Activity



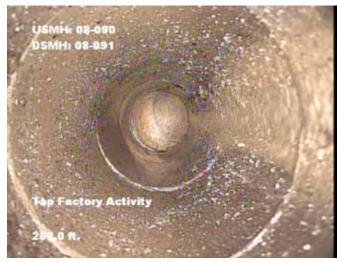
Pipe Segment Refere	City	Street	Mate	erial	Location C	Pipe Use
08-090_08-091	Westwood MA	Washington Street	Asbestos Cement		Primary Ma	Sanitary S
Upstream MH	Total Length	Year Constructed	Shape		Location	Details
08-090	330		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
08-091	330		8	8		,



Distance: 148.4 ft. Grade:

Condition: Tap Factory Activity

Remarks: N/A



Distance: 283.0 ft. Grade: 0

Condition: Tap Factory Activity

Remarks: N/A



Distance: 299.1 ft. Grade: 0

Condition: Tap Factory Made Capped

Remarks: N/A

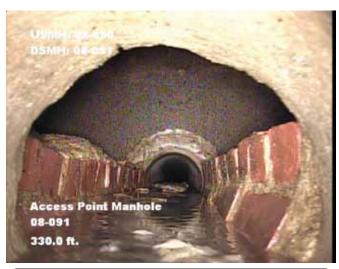


Distance: 325.5 ft. Grade: 0

Condition: Tap Factory Activity



Pipe Segment Refere	City	Street	Mate	Material		Pipe Use
08-090_08-091	Westwood MA	Washington Street	Asbestos	Asbestos Cement		Sanitary S
Upstream MH	Total Length	Year Constructed	Shape		Location	Details
08-090	330		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
08-091	330		8	8		ر ا



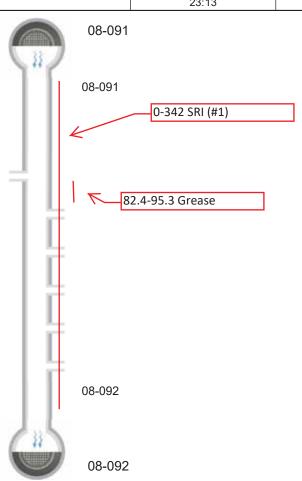
Distance: 330.0 ft. Grade: 0

Condition: Access Point Manhole



Pipe Segm	ent Refere	Ci	ty	Street	Mat	erial	Location C	Pipe Use	
08-091	_08-092	Westwo	ood MA	Washington Street	Asbesto	s Cement	Primary Ma	Sanitary S	
Upstre	am MH	Total L	ength.	Year Constructed	Shape		Location Details		
08-	091	342			Circular				
Downsst	ream MH	Length s	urveyed	Year Renewed	Height	Width	Pipe Joint		
08-	092	34	12		8	8			
SPR	0	MPR	0	PO Number			Customer		
SPRI	0	MPRI	0	-		Env	nvironmental Partners		
SPRI	U	IVIPRI	0	Work Order Number	er		Purpose		
QSR	0000	QMR	0000			Infiltra	ration/Inflow Investigat		
0	PR .	Survey	ed By	Direction	Da	ate	Medi	a label	
)	S_Bell		Downstream	20210406				
Ol	PRI	Certificate	Number	Pre-Cleaning	Ti	me	Weather		
)	07030	03652	Light Cleaning	23	:03	Dry - No P		
	Date Cleaned				End	Time	Additio	nal Info	
	20210406				23	:13			





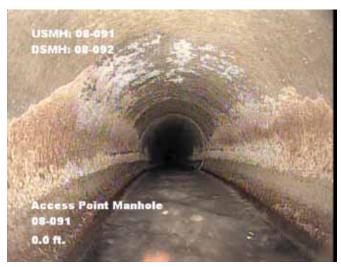


$\overline{}$	Pipe Segme	ent Refere	Ci	ity	Street	Mat	erial	Location C	Pipe Use
	08-091_	_08-092	Westwo	ood MA	Washington Street	Asbesto	s Cement	Primary Ma	Sanitary S
	Upstrea	am MH	Total I	_ength	Year Constructed	Sh	ape	Location Details	
	08-091		342			Circ	cular		
	Downssti	ream MH	Length s	surveyed	Year Renewed	Height	Width	Pipe Joint	
	08-	092	34	12		8	8		
	SPR	0	MPR	0	PO Number			Customer	
	SPRI	0	MPRI	0	-		Env		tners
	SPKI	0	IVIPRI	0	Work Order Numb	er		Purpose	
	QSR	0000	QMR	0000			Infiltra	ation/Inflow Investigat	
	OF	PR	Surve	ed By	Direction	Da	ate	Medi	a label
	()	S_E	Bell	Downstream	2021	0406		
	OF	PRI	Certificate	e Number	Pre-Cleaning	Ti	me	Weather	
	0 0		07030	03652	Light Cleaning	23	:03	Dry - No P	
	Date Cleaned				End	Time	Additio	Additional Info	
	20210406			23	:13				

Distance	Condition	Cont. Dfct.		Values		Joint	Clock P	osition	Grade
Distance	Condition	Cont. Dict.	1st	2nd	%	Joint	At/From	То	Grade
0.0 ft.	Access Point Manhole								
Remarks:	08-091								
0.0 ft.	Miscellaneous Water Level				5				
72.1 ft.	Tap Factory Activity		6				3		
147.8 ft.	Tap Factory Activity		6				9		
217.0 ft.	Tap Factory Activity		6				9		
233.1 ft.	Tap Factory Activity		6				12		
240.0 ft.	Tap Factory Activity		6				9		
322.2 ft.	Tap Factory Activity		6				9		
342.0 ft.	Access Point Manhole								
Remarks:	08-092								



Pipe Segment Refere	City	Street	Mate	erial	Location C	Pipe Use
08-091_08-092	Westwood MA	Washington Street	Asbestos	Asbestos Cement		Sanitary S
Upstream MH	Total Length	Year Constructed	Sha	Shape		n Details
08-091	342		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
08-092	342		8	8		_



Distance: 0.0 ft. Grade: 0

Condition: Access Point Manhole

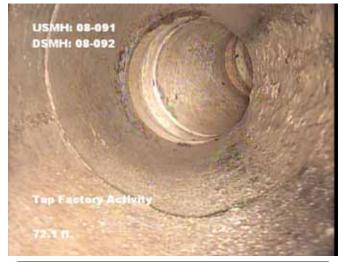
Remarks: 08-091



Distance: 0.0 ft. Grade: 0

Condition: Miscellaneous Water Level

Remarks: N/A



Distance: 72.1 ft. Grade: 0
Condition: Tap Factory Activity

Remarks: N/A



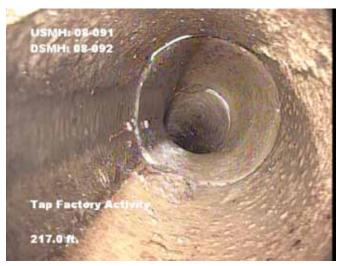
Distance: 147.8 ft. Grade: 0

Condition: Tap Factory Activity

Remarks: N/A



Pipe Segment Refere	City	Street	Mate	erial	Location C	Pipe Use
08-091_08-092	Westwood MA	Washington Street	Asbestos	Asbestos Cement		Sanitary S
Upstream MH	Total Length	Year Constructed	Sha	Shape		n Details
08-091	342		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
08-092	342		8	8		_



Distance: 217.0 ft. Grade: 0

Condition: Tap Factory Activity

Remarks: N/A



Distance: 233.1 ft. Grade: 0

Condition: Tap Factory Activity

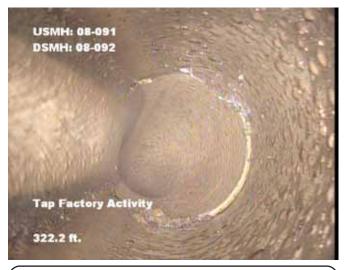
Remarks: N/A



Distance: 240.0 ft. Grade: 0

Condition: Tap Factory Activity

Remarks: N/A



Distance: 322.2 ft. Grade: 0

Condition: Tap Factory Activity

Remarks: N/A



Pipe Segment Refere	City	Street	Mate	erial	Location C	Pipe Use
08-091_08-092	Westwood MA	Washington Street	Asbestos	Asbestos Cement		Sanitary S
Upstream MH	Total Length	Year Constructed	Sha	Shape		n Details
08-091	342		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
08-092	342		8	8		_



Distance: 342.0 ft. Grade: 0

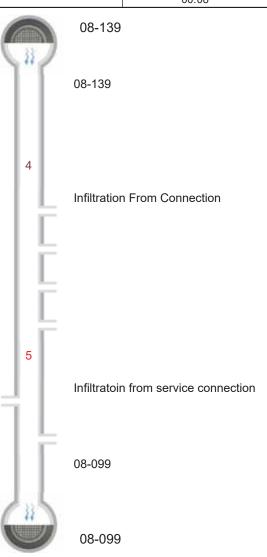
Condition: Access Point Manhole

Remarks: 08-092



/ Fipe Segi	nent Refere	C	щ	Street	iviati	enai	Location C	Pipe Use
08-139	9_08-099	Westwo	ood MA	School Street	Asbestos	s Cement	Primary Ma	Sanitary S
Upstr	eam MH	Total I	Length	Year Constructed	Sha	ape	Location	n Details
30	3-139	25	53		Circ	ular		
Downs	stream MH	Length surveyed		Year Renewed	Height	Width	Pipe Joint	
30	3-099	2	53	8 8				
SPR	0	MPR	9	PO Number		Customer		
CDDI	0	MDDI	4.5	-		Envi	nvironmental Partners	
SPRI	0	MPRI	4.5	Work Order Numbe	er		Purpose	
QSR	0000	QMR	5141			Infiltration/Inflow Investigat		stigat
(OPR	Surve	yed By	Direction	Da	ate	Media	a label
	9	S_Bell		Downstream	20210406			
C	PRI	Certificat	e Number	Pre-Cleaning	Time		Weather	
	4.5	07030	03652	Light Cleaning	23:	:57	Dry - No P	
	Date Cleaned			End	Time	Additio	nal Info	
	20210406				00:	:08		







Pipe	e Segmer	nt Refere	Ci	ty	Street	Mat	erial	Location C	Pipe Use
(08-139_0	08-099	Westwo	ood MA	School Street	Asbesto	s Cement	Primary Ma	Sanitary S
	Upstrea	m MH	Total L	ength	Year Constructed	Sh	Shape		n Details
	08-1	39	25	53		Circ	cular		
	Downsstre	eam MH	Length s	urveyed	Year Renewed	Height	Width	Pipe Joint	
	08-0	99	25	53		8	8		
SP	PR	0	MPR	9	PO Number		Customer Environmental Partners		
CD	DI	0	MDDI	4.5					tners
SPI	KI	0	MPRI	4.5	Work Order Numb	er		Purpose	
QS	SR	0000	QMR	5141			Infiltra	ation/Inflow Inve	estigat
	OP	R	Survey	ed By	Direction	Di	ate	Media	a label
	9		S_E	Bell	Downstream	2021	0406		
	OPF	રા	Certificate	Number	Pre-Cleaning	Ti	me	Weather	
	4.5	5	07030	03652	Light Cleaning	23	:57	Dry - No P	
	Date Cleaned				End	Time	Additio	nal Info	
	20210406			00	:08				

D: 1	0 1111	0 1 00 1		Values			Clock Po	osition	
Distance	Condition	Cont. Dfct.	1st	2nd	%	Joint	At/From	То	Grade
0.0 ft.	Access Point Manhole								
Remarks:	08-139								
0.0 ft.	Miscellaneous Water Level				5				
68.3 ft.	Infiltration Runner Lateral						9		4
69.9 ft.	Tap Break-in Activity		6				9		
Remarks:	arks: Infiltration From Connection								
89.9 ft.	Tap Factory Made Capped		6				12		
113.0 ft.	Tap Factory Activity		6				12		
171.9 ft.	Tap Break-in Activity		6				12		
173.4 ft.	Infiltration Gusher Lateral						12		5
173.9 ft.	Tap Break-in Activity		6				3		
Remarks:	Infiltratoin from service connection								
200.3 ft.	Tap Factory Activity		6				9		
253.0 ft.	Access Point Manhole								
Remarks:	08-099								



Pipe Segment Refere	City	Street	Mat	erial	Location C	Pipe Use
08-139_08-099	Westwood MA	School Street	Asbestos Cement		Primary Ma	Sanitary S
Upstream MH	Total Length	Year Constructed	Shape		Location	Details
08-139	253		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
08-099	253		8	8		ر ا



Distance: 0.0 ft. Grade:

Condition: Access Point Manhole

Remarks: 08-139



Distance: 0.0 ft. Grade: 0

Condition: Miscellaneous Water Level

Remarks: N/A



Distance: 68.3 ft. Grade: Condition:

Infiltration Runner Lateral

Remarks: N/A



Distance: 69.9 ft. Grade:

Condition: Tap Break-in Activity Remarks: Infiltration From Connection



Pipe Segment Refere	City	Street	Material		Location C	Pipe Use
08-139_08-099	Westwood MA	School Street	Asbestos	Asbestos Cement		Sanitary S
Upstream MH	Total Length	Year Constructed	Shape		Location	Details
08-139	253		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
08-099	253		8	8		,



Distance: 89.9 ft. Grade: Condition: Tap Factory Made Capped

Remarks: N/A



Distance: 113.0 ft. Grade:

Condition: Tap Factory Activity

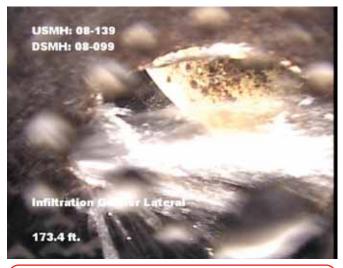
Remarks: N/A



Distance: 171.9 ft. Grade: 0 Condition:

Tap Break-in Activity

Remarks: N/A



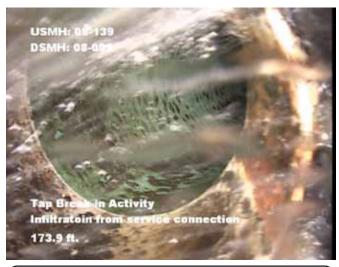
Distance: 173.4 ft. Grade: 5

Condition: Infiltration Gusher Lateral

Remarks: N/A



Pipe Segment Refere	City	Street	Material		Location C	Pipe Use
08-139_08-099	Westwood MA	School Street	Asbestos	Asbestos Cement		Sanitary S
Upstream MH	Total Length	Year Constructed	Shape		Location	Details
08-139	253		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
08-099	253		8	8		,



Distance: 173.9 ft. Grade:

Condition: Tap Break-in Activity

Remarks: Infiltratoin from service connection



Distance: 200.3 ft. Grade:

Condition: Tap Factory Activity

Remarks: N/A



Distance: 253.0 ft. Grade: Condition:

Access Point Manhole

Remarks: 08-099

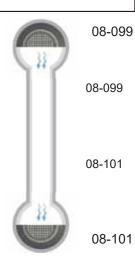


/ Pipe Segm	ient Refere	C	ity	Street	Mat	erial	Location C	Pipe Use	
08-099	_08-101	Westwo	ood MA	School Street	Asbestos	Cement	Primary Ma	Sanitary S	
Upstre	eam MH	Total I	Length	Year Constructed	Sha	аре	Locatio	n Details	
08	-099	6	52		Circ	ular			
Downss	tream MH	Length s	surveyed	Year Renewed	Height	Width	Width Pipe Joint		
08	-101	6	52		8	8			
SPR	0	MPR	0	PO Number			Customer		
CDDI	0	MDDI	0	-			vironmental Partners		
SPRI	0	MPRI	0	Work Order Number	er		Purpose		
QSR	0000	QMR	0000			Infiltra	ration/Inflow Investigat		
0	PR	Surve	yed By	Direction	Da	ate	Medi	a label	
	0	S_I	Bell	Downstream	2021	0407			
0	PRI	Certificat	e Number	Pre-Cleaning	Tir	Time Weather			
	0	07030	03652	Light Cleaning	00:	00:10 Dry - No P			
	Date Cleaned				End	Time	Additio	onal Info	
	20210407				00:	:12			

0.0 ft. Access Point Manhole

0.0 ft. Miscellaneous Water Level

62.0 ft. Access Point Manhole



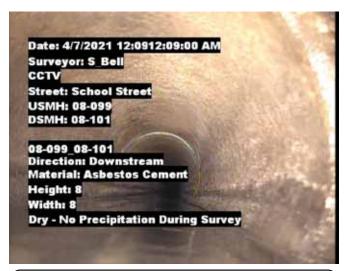


Pipe Segn	nent Refere	С	ity	Street	Mate	erial	Location C	Pipe Use
08-099	9_08-101	Westwo	ood MA	School Street	Asbestos	Cement	Primary Ma	Sanitary S
Upstr	eam MH	Total I	Length	Year Constructed	Sha	аре	Location	n Details
08	-099	6	62		Circ	ular	ar	
Downs	stream MH	Length s	surveyed	Year Renewed	Height	Width	Width Pipe Joint	
08	-101	6	52		8	8		
SPR	0	MPR	0	PO Number				
SPRI	0	MPRI	0	-		Env	ironmental Par	tners
SPRI	U	IVIPRI	0	Work Order Number	er		Purpose	
QSR	0000	QMR	0000			Infiltra	tion/Inflow Investigat	
)PR	Surve	yed By	Direction	Da	nte	Media	a label
	0	S_I	Bell	Downstream	2021	0407		
C	PRI	Certificat	e Number	Pre-Cleaning	Tir	ne	Weather	
	0	07030	03652	Light Cleaning	00:	00:10 Dry - No P		
	Date Cleaned				End	Time	Additio	nal Info
	20210407				00:	12		

Distance	Condition	Cont. Dfct.		Values		Joint	Clock P	osition	Grade
Distance	Condition	Cont. Dict.	1st	2nd	%	Joint	At/From	То	Grade
0.0 ft.	Access Point Manhole								
Remarks:	08-099								
0.0 ft.	Miscellaneous Water Level				10				
62.0 ft.	Access Point Manhole								
Remarks:	08-101								



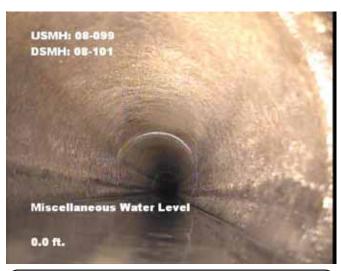
Pipe Segment Refere	City	Street	Mate	erial	Location C	Pipe Use
08-099_08-101	Westwood MA	School Street	Asbestos	Asbestos Cement		Sanitary S
Upstream MH	Total Length	Year Constructed	Shape		Location	Details
08-099	62		Circular			
Downsstream MH	Length surveyed	Year Renewed	Height Width		Pipe Joint	
08-101	62		8	8		,



Distance: 0.0 ft. Grade: 0

Condition: Access Point Manhole

Remarks: 08-099



Distance: 0.0 ft. Grade: 0

Condition: Miscellaneous Water Level

Remarks: N/A



Distance: 62.0 ft. Grade: 0

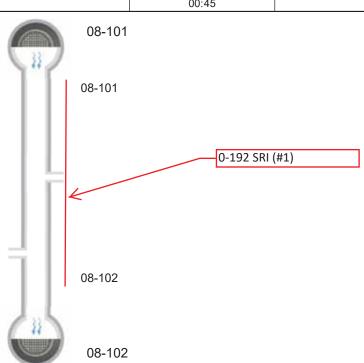
Condition: Access Point Manhole

Remarks: 08-101



Pipe Segme	ent Refere	Ci	ty	Street	Mat	erial	Location C	Pipe Use	
08-101	_08-102	Westwo	ood MA	Washington Street	Asbestos	s Cement	Primary Ma	Sanitary S	
Upstre	am MH	Total L	_ength	Year Constructed	Sha	ape	Locatio	n Details	
08-	8-101 192 Circu		ular						
Downsst	ream MH	Length s	urveyed	Year Renewed Height Width		Width	Pipe Joint		
08-	102	19	92	8 8					
SPR	0	MPR	0	PO Number			Customer		
SPRI	0	MPRI	0	-		Env	ironmental Par	tners	
SPRI	0	IVIFKI		Work Order Number	er		Purpose		
QSR	0000	QMR	0000			Infiltra	ion/Inflow Investigat		
Ol	PR	Survey	ed By	Direction	Da	ate	Medi	a label	
	0	S_E	Bell	Downstream	2021	0407			
OF	OPRI Certificate Number		e Number	Pre-Cleaning	Tiı	me	Weather		
	0 0703003652		Heavy Cleaning	00	:37	Dry - No P			
	Date Cleaned			•	End	Time	Customer Environmental Partners Purpose Infiltration/Inflow Investigat Media labe 07 Weather Dry - No P Additional In		
	20210407				00	:45			

0.0 ft. Access Point Manhole
0.0 ft. Miscellaneous Water Level
60.7 ft. Tap Factory Activity
60.7 ft. Miscellaneous Water Level
180.4 ft. Tap Break-in Activity
192.0 ft. Access Point Manhole





Pipe Segn	nent Refere	С	ity	Street	Mat	erial	Location C	Pipe Use
08-10 ⁻	1_08-102	Westwo	ood MA	Washington Street	Asbestos	Cement	Primary Ma	Sanitary S
Upstr	eam MH	Total I	Length	Year Constructed	Sha	ape	Location	n Details
08	3-101	19	92		Circ	ular		
Downs	stream MH	Length s	surveyed	Year Renewed	Height	Width	Width Pipe Joint	
08	3-102	19	92		8	8		
SPR	0	MPR	0	PO Number			Customer	
SPRI	0	MPRI	0	-		Env	ironmental Par	tners
SPRI	U	IVIPRI	0	Work Order Number	er		Purpose	
QSR	0000	QMR	0000			Infiltra	tion/Inflow Investigat	
)PR	Surve	yed By	Direction	Da	ite	Media	a label
	0	S_I	Bell	Downstream	2021	0407		
C	PRI	Certificat	e Number	Pre-Cleaning	Tir	ne	Weather	
	0	07030	03652	Heavy Cleaning	00:37 Dry		Dry - No P	
	Date Cleaned				End	Time	Additio	nal Info
	20210407				00:	45		

Distance	Condition	Cont. Dfct.		Values		Joint	Clock P	osition	Grade
Distance	Condition	Cont. Dict.	1st	2nd	%	Joint	At/From	То	Orace
0.0 ft.	Access Point Manhole								
Remarks:	08-101								
0.0 ft.	Miscellaneous Water Level				10				
60.7 ft.	Tap Factory Activity		6				12		
60.7 ft.	Miscellaneous Water Level				20				
180.4 ft.	Tap Break-in Activity		6				3		
192.0 ft.	Access Point Manhole								
Remarks:	08-102								



Pipe Segment Refere	City	Street	Mat	erial	Location C	Pipe Use
08-101_08-102	Westwood MA	Washington Street	Asbestos Cement		Primary Ma	Sanitary S
Upstream MH	Total Length	Year Constructed	Shape		Location	n Details
08-101	192		Circular			
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
08-102	192		8	8		



Distance: 0.0 ft. Grade: 0

Condition: Access Point Manhole

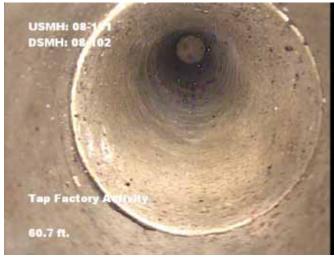
Remarks: 08-101



Distance: 0.0 ft. Grade: (

Condition: Miscellaneous Water Level

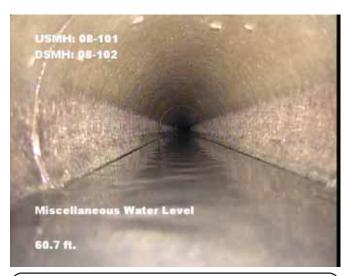
Remarks: N/A



Distance: 60.7 ft. Grade: 0

Condition: Tap Factory Activity

Remarks: N/A

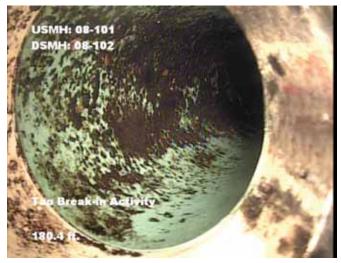


Distance: 60.7 ft. Grade: 0
Condition: Miscellaneous Water Level

Remarks: N/A



Pipe Segment Refere	City	Street	Material		Location C	Pipe Use
08-101_08-102	Westwood MA	Washington Street	Asbestos Cement		Primary Ma	Sanitary S
Upstream MH	Total Length	Year Constructed	Shape		Location	n Details
08-101	192		Circular			
Downsstream MH	Length surveyed	Year Renewed	Height Width		Pipe Joint	
08-102	192		8	8		ر ا



Distance: 180.4 ft. Grade: 0

Condition: Tap Break-in Activity

Remarks: N/A



Distance: 192.0 ft. Grade: (

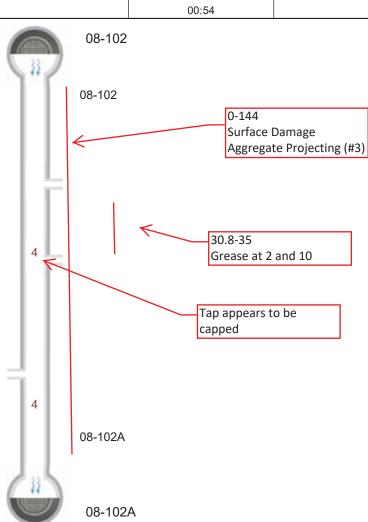
Condition: Access Point Manhole

Remarks: 08-102



Pipe Segm	ent Refere	Ci	ity	Street	Mat	erial	Location C	Pipe Use
08-102	_08-102A	Westwo	ood MA	Washington Street	Asbestos	s Cement	Primary Ma	Sanitary S
Upstre	eam MH	Total L	_ength	Year Constructed	Sha	ape	Locatio	n Details
08	-102	14	14		Circular			
Downss	tream MH	Length s	urveyed	Year Renewed	Height	Width	Width Pipe Joint	
08-	102A	14	14		8	8		
SPR	0	MPR	8	PO Number		Custome		
SPRI	0	MPRI	4	_	Env	vironmental Par	tners	
SPRI	U	IVIPRI	4	Work Order Number	er		Purpose	
QSR	0000	QMR	4200			Infiltra	ation/Inflow Investigat	
C	PR	Survey	yed By	Direction	Da	ate	Medi	a label
	8	S_E	Bell	Downstream	2021	0407		
0	PRI	Certificate	e Number	Pre-Cleaning	Tir	Time Weather		
	4	07030	03652	Light Cleaning	00:46 Dry - No		Dry - No P	
	Date Cleaned			•	End	Time	Additio	onal Info
	20210407				00:	:54		





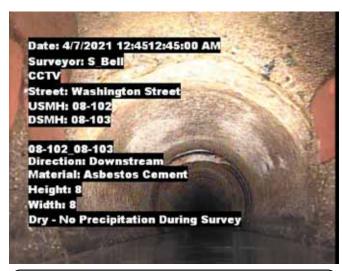


Pipe	Segment Refere	С	ity	Street	Mat	erial	Location C	Pipe Use	
08	3-102_08-102A	Westwo	ood MA	Washington Street	Asbesto	s Cement	Primary Ma	Sanitary S	
	Upstream MH	Total I	Length	Year Constructed	Sh	ape	Locatio	n Details	
	08-102	14	44		Circ	cular	ar		
D	ownsstream MH	Length s	surveyed	Year Renewed	Height	Width	Width Pipe Joint		
	08-102A	14	14		8	8			
SPF	R 0	MPR	8	PO Number			Customer		
CDE	N 0	MDDI	4	-			nvironmental Partners		
SPF	RI 0	MPRI	4	Work Order Numb	er		Purpose		
QSF	R 0000	QMR	4200			Infiltra	ation/Inflow Inve	estigat	
	OPR	Surve	yed By	Direction	Da	ate	Medi	a label	
	8	S_I	Bell	Downstream	2021	0407			
	OPRI	Certificat	e Number	Pre-Cleaning	Ti	me	Weather		
	4	07030	03652	Light Cleaning	00	00:46 Dry - No P			
	Date Cleaned			End	Time	Additio	nal Info		
	20210407				00	:54			

Distance	Condition	Cont. Dfct.		Values		Joint	Clock P	osition	Crada
Distance	Condition	Cont. Dict.	1st	2nd	%	Joint	At/From	То	Grade
0.0 ft.	Access Point Manhole								
Remarks:	08-102								
0.0 ft.	Miscellaneous Water Level				10				
3.1 ft.	Tap Break-in Activity		6				12		
33.4 ft.	Miscellaneous Water Level				20				
35.0 ft.	Tap Break-In Intruding		6	2			12		4
42.4 ft.	Miscellaneous Water Level				50				
64.0 ft.	Miscellaneous Water Level				20				
120.8 ft.	Tap Factory Activity		6				3		
120.8 ft.	Infiltration Runner Lateral						3		4
144.0 ft.	Access Point Manhole								
Remarks:	08-102A					•			



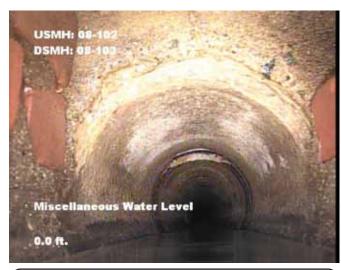
Pipe Segment Refere	City	Street	Mate	erial	Location C	Pipe Use
08-102_08-102A	Westwood MA	Washington Street	Asbestos Cement		Primary Ma	Sanitary S
Upstream MH	Total Length	Year Constructed	Shape		Location	Details
08-102	144		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
08-102A	144		8	8		,



Distance: 0.0 ft. Grade: 0

Condition: Access Point Manhole

Remarks: 08-102



Distance: 0.0 ft. Grade: 0

Condition: Miscellaneous Water Level

Remarks: N/A



Distance: 3.1 ft. Grade: 0

Condition: Tap Break-in Activity

Remarks: N/A



Distance: 33.4 ft. Grade: 0
Condition: Miscellaneous Water Level

Remarks: N/A



Pipe Segment Refere	City	Street	Mate	erial	Location C	Pipe Use
08-102_08-102A	Westwood MA	Washington Street	Asbestos Cement		Primary Ma	Sanitary S
Upstream MH	Total Length	Year Constructed	Shape		Location	Details
08-102	144		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
08-102A	144		8	8		,



Distance: 35.0 ft. Grade: 4

Condition: Tap Break-In Intruding

Remarks: N/A



Distance: 42.4 ft. Grade: 0

Condition: Miscellaneous Water Level

Remarks: N/A



Distance: 64.0 ft. Grade: 0

Condition: Miscellaneous Water Level

Remarks: N/A



Distance: 120.8 ft. Grade: 0

Condition: Tap Factory Activity

Remarks: N/A



Pipe Segment Refere	City	Street	Mat	erial	Location C	Pipe Use
08-102_08-102A	Westwood MA	Washington Street	Asbestos Cement		Primary Ma	Sanitary S
Upstream MH	Total Length	Year Constructed	Shape		Location	n Details
08-102	144		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
08-102A	144		8	8		<i> </i>



Distance: 120.8 ft. Grade: 4

Condition: Infiltration Runner Lateral

Remarks: N/A



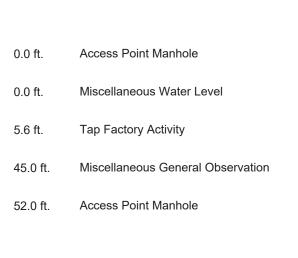
Distance: 144.0 ft. Grade: (

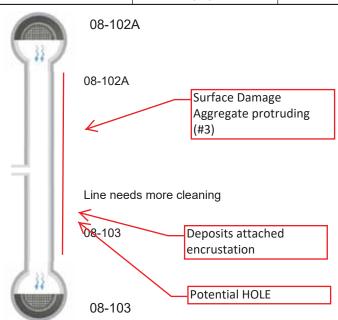
Condition: Access Point Manhole

Remarks: 08-102A



Pipe Seg	ment Refere	Ci	ity	Street	Mat	erial	Location C	Pipe Use	
08-10	2A_08-103	Westwo	ood MA	Washington Street	Asbesto	s Cement	Primary Ma	Sanitary S	
Ups	tream MH	Total I	_ength	Year Constructed	Sh	ape	Location	n Details	
08	3-102A	5	2		Circ	ular			
Down	sstream MH	Length s	surveyed	Year Renewed	Height Width		Pipe Joint		
	8-103	5	2		8 8				
SPR	0	MPR	0	PO Number			Customer		
SPRI	0	MPRI	0			Envi	nvironmental Partners		
SPRI	0	IVIPRI	U	Work Order Number	er		Purpose		
QSR	0000	QMR	0000			Infiltrat	tion/Inflow Inve	estigat	
	OPR	Surve	yed By	Direction	Da	ate	Media	a label	
	0	S_Bell		Downstream	2021	0407			
	OPRI	Certificate	e Number	Pre-Cleaning	Tir	ne	Weather		
	0	0703003652		Light Cleaning	00	:56	Dry - No P		
	Date Cleaned			•	End	Time	Additio	nal Info	
		2021	0407		01	:01			





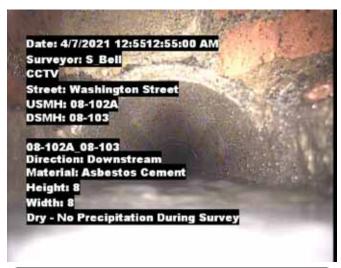


Pipe Segm	ent Refere	С	ity	Street	Mat	erial	Location C	Pipe Use
08-102 <i>A</i>	A_08-103	Westwo	ood MA	Washington Street	Asbestos	Cement	Primary Ma	Sanitary S
Upstre	eam MH	Total I	Length	Year Constructed	Sha	аре	Location	n Details
08-	102A	5	52	Circ		ular		
Downss	tream MH	Length s	surveyed	Year Renewed	Height Width		Pipe Joint	
08-	-103	5	52		8	8		
SPR	0	MPR	0	PO Number				
SPRI	0	MPRI	0	-	Er		nvironmental Partners	
SPRI	0	IVIPRI	0	Work Order Numb	er		Purpose	
QSR	0000	QMR	0000			Infiltra	ition/Inflow Inve	stigat
0	PR	Surve	yed By	Direction	Da	ate	Media	a label
	0	S_I	Bell	Downstream	20210407			
Ol	PRI	Certificat	e Number	Pre-Cleaning	Tir	ne	Weather	
0 0703003		03652	Light Cleaning	00:	:56	Dry - No P		
	Date Cleaned			•	End	Time	Additio	nal Info
	20210407				01:	01		

Distance	Condition	Cont. Dfct.		Values		Joint	Clock P	osition	Grade
Distance	Condition	Cont. Dict.	1st	2nd	%	Joint	At/From	То	Grade
0.0 ft.	Access Point Manhole								
Remarks:	08-102A	-							
0.0 ft.	Miscellaneous Water Level				20				
5.6 ft.	Tap Factory Activity		6				3		
45.0 ft.	Miscellaneous General Observation								
Remarks:	Line needs more cleaning	-							
52.0 ft.	Access Point Manhole								
Remarks:	08-103								



Pipe Segment Refere	City	Street	Mate	erial	Location C	Pipe Use		
08-102A_08-103	Westwood MA	Washington Street	Asbestos Cement		Asbestos Cement		Primary Ma	Sanitary S
Upstream MH	Total Length	Year Constructed	Shape		Location	Details		
08-102A	52		Circ	ular				
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint			
08-103	52		8	8		ر ا		



Distance: 0.0 ft. Grade: 0

Condition: Access Point Manhole

Remarks: 08-102A



Distance: 0.0 ft. Grade: 0

Condition: Miscellaneous Water Level

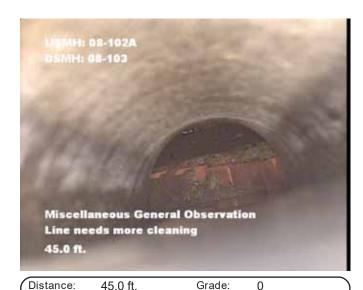
Remarks: N/A



Distance: 5.6 ft. Grade: 0

Condition: Tap Factory Activity

Remarks: N/A

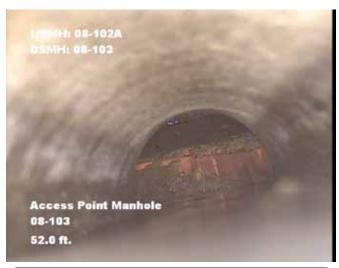


Condition: Miscellaneous General Observation

Remarks: Line needs more cleaning



Pipe Segment Refere	City	Street	Mate	erial	Location C	Pipe Use
08-102A_08-103	Westwood MA	Washington Street	Asbestos Cement		Primary Ma	Sanitary S
Upstream MH	Total Length	Year Constructed	Sha	Shape		Details
08-102A	52		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
08-103	52		8	8		_



Distance: 52.0 ft. Grade: 0

Condition: Access Point Manhole

Remarks: 08-103



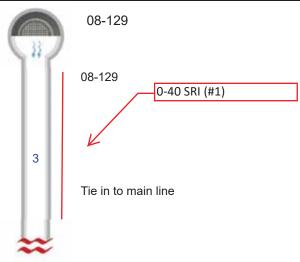
/ Pipe Segm	ent Refere	Ci	ity	Street	Mat	erial	Location C	Pipe Use
08-129_	_08-129A	Westwo	ood MA	Washington Street	Asbestos	s Cement	Primary Ma	Sanitary S
Upstre	eam MH	Total I	_ength	Year Constructed	Sha	ape	Locatio	n Details
08	-129	40			Circ	ular		
Downss	tream MH	Length s	surveyed	Year Renewed	9		Pipe Joint	
08-	3-129A 40 6 6							
SPR	NPR 0 PO Number		Customer					
CDDI	2	MDDI	0	-	En		nvironmental Partners	
SPRI	3	MPRI	0	Work Order Number	er		Purpose	
QSR	3100	QMR	0000			Infiltra	iltration/Inflow Investigat	
0	PR	Surve	yed By	Direction	Da	ate	Medi	a label
	3	S_E	Bell	Downstream	20210408			
0	PRI	Certificate	e Number	Pre-Cleaning	Tir	me	Weather	
	3		03652	Light Cleaning	00:	:05	Dry - No P	
	Date Cleaned				End	Time	Additio	nal Info
	20210408				00:	:16		

0.0 ft. Access Point Manhole

0.0 ft. Miscellaneous Water Level

28.8 ft. Joint Offset Medium

40.0 ft. Miscellaneous Survey Abandoned



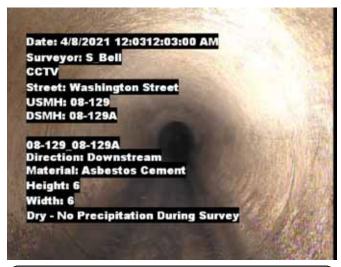


Pipe Segi	nent Refere	С	ity	Street	Mate	erial	Location C	Pipe Use
08-129	_08-129A	Westwo	ood MA	Washington Street	Asbestos	Cement	Primary Ma	Sanitary S
Upst	eam MH	Total I	Length	Year Constructed	Sha	ape	Location	n Details
08	3-129	4	0	Circu		ular		
Downs	stream MH	Length s	surveyed	Year Renewed	Height Width		Pipe Joint	
08	-129A	4	0		6	6		
SPR	3	MPR	0	PO Number			Customer	
SPRI	3	MPRI	0	-			Environmental Partners	
SPRI	ა	IVIPRI	0	Work Order Number	er		Purpose	
QSR	3100	QMR	0000			Infiltra	tion/Inflow Inve	stigat
)PR	Surve	yed By	Direction	Da	ite	Media	a label
	3	S_I	Bell	Downstream	20210408			
(PRI	Certificat	e Number	Pre-Cleaning	Tir	ne	Weather	
	3	07030	03652	Light Cleaning	00:	05	Dry - No P	
	Date Cleaned				End	Time	Additional Info	
	20210408				00:	16		

Distance	Condition	Cont. Dfct.		Values	'alues		Clock P	osition	Grade
Distance	Condition	Cont. Dict.	1st	2nd	%	Joint	At/From	То	Grade
0.0 ft.	Access Point Manhole								
Remarks:	08-129								
0.0 ft.	Miscellaneous Water Level				5				
28.8 ft.	Joint Offset Medium								3
40.0 ft.	Miscellaneous Survey Abandoned								
Remarks:	Tie in to main line								



Pipe Segment Refere	City	Street	Mat	erial	Location C	Pipe Use
08-129_08-129A	Westwood MA	Washington Street	Asbestos	Asbestos Cement		Sanitary S
Upstream MH	Total Length	Year Constructed	Shape		Location	Details
08-129	40		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
08-129A	40		6	6		,



Distance: 0.0 ft. Grade: 0

Condition: Access Point Manhole

Remarks: 08-129



Distance: 0.0 ft. Grade: (

Condition: Miscellaneous Water Level

Remarks: N/A



Distance: 28.8 ft. Grade: 3

Condition: Joint Offset Medium

Remarks: N/A



Distance: 40.0 ft. Grade: 0

Condition: Miscellaneous Survey Abandoned

Remarks: Tie in to main line



Pipe Segme	ent Refere	Ci	ty	Street	Mat	erial	Location C	Pipe Use	
08-128_	08-128A	Westwo	ood MA	Washington Street	Asbesto	s Cement	Primary Ma	Sanitary S	
Upstre	am MH	Total L	ength	Year Constructed	Sh	аре	Location	n Details	
08-	128	4	0		Circ	ular			
Downsst	ream MH	Length s	urveyed	Year Renewed	Height	Width	Pipe Joint		
08-1	28A	4	0		6	6			
SPR	3	MPR	0	PO Number		Customer			
CDDI	3	MDDI	0	-	Env		rironmental Partners		
SPRI	3	MPRI	0	Work Order Number	er		Purpose		
QSR	3100	QMR	0000			Infiltra	tion/Inflow Inve	estigat	
OF	PR	Survey	ed By	Direction	Da	ate	Media	a label	
3	3	S_E	Bell	Downstream	2021	0408			
OF	PRI	Certificate	Number	Pre-Cleaning	Time		Weather		
3	3	07030	03652	Light Cleaning	00:30		Dry - No P		
	Date Cleaned				End T		Time Additional Info		
		2021	0408		00	00:33			



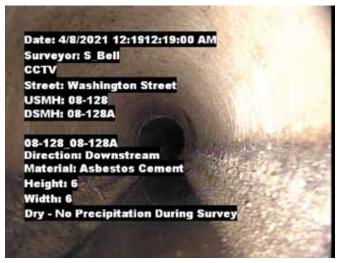


Pipe Segr	nent Refere	С	ity	Street	Mate	erial	Location C	Pipe Use	
08-128	_08-128A	Westwo	ood MA	Washington Street	Asbestos	Cement	Primary Ma	Sanitary S	
Upstr	eam MH	Total I	Length	Year Constructed	Sha	аре	Location	n Details	
30	3-128	4	0		Circ	ular	ular		
Downs	stream MH	Length s	surveyed	Year Renewed	Height	Width	Pipe Joint		
08-	·128A	4	0		6	6			
SPR	3	MPR	0	PO Number			Customer		
SPRI	2	MPRI	0	-		Environmental Partners			
SPRI	3	IVIPRI	0	Work Order Numb	er		Purpose		
QSR	3100	QMR	0000			Infiltra	tion/Inflow Investigat		
()PR	Surve	yed By	Direction	Da	nte	Media	a label	
	3	S_I	Bell	Downstream	2021	0408			
	PRI	Certificat	e Number	Pre-Cleaning	Tir	ne	Weather		
	3	07030	03652	Light Cleaning	00:30		Dry - No P		
		Date C	Cleaned	•	End Time Additional Info			nal Info	
		2021	0408		00:	:33			

Distance	Condition	Cont. Dfct.		Values		Joint	Clock Position		Grade
Distance	Condition	Cont. Dict.	1st	2nd	%	Joint	At/From	То	Grade
0.0 ft.	Access Point Manhole								
Remarks:	08-128				-				
0.0 ft.	Miscellaneous Water Level				5				
36.5 ft.	Joint Offset Medium								3
40.0 ft.	Miscellaneous Survey Abandoned								
Remarks:	Tie into main line								



Pipe Segment Refere	City	Street	Material		Location C	Pipe Use
08-128_08-128A	Westwood MA	Washington Street	Asbestos Cement		Primary Ma	Sanitary S
Upstream MH	Total Length	Year Constructed	Shape		Location	Details
08-128	40		Circular			
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
08-128A	40		6	6		_



Distance: 0.0 ft. Grade: 0

Condition: Access Point Manhole

Remarks: 08-128



Distance: 0.0 ft. Grade: 0

Condition: Miscellaneous Water Level

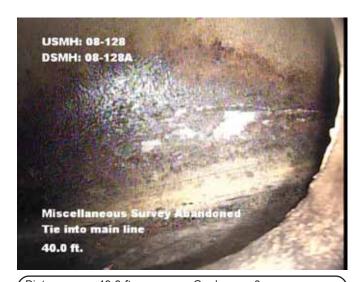
Remarks: N/A



Distance: 36.5 ft. Grade: 3

Condition: Joint Offset Medium

Remarks: N/A



Distance: 40.0 ft. Grade: 0

Condition: Miscellaneous Survey Abandoned

Remarks: Tie into main line



Pipe Segme	ent Refere	Ci	ty	Street	Mat	erial	Location C	Pipe Use	
08-127_0	08-127A	Westwo	ood MA	Washington Street	Asbesto	s Cement	Primary Ma	Sanitary S	
Upstrea	am MH	Total L	_ength	Year Constructed	Sh	ape	Location	n Details	
08-	127	3	6		Circ	ular			
Downsstr	ream MH	Length s	surveyed	Year Renewed	Height	Width	Pipe Joint		
08-1	27A	3	6		6	6			
SPR	3	MPR	0	PO Number		Customer			
CDDI	3	MDDI	0	Env			rironmental Partners		
SPRI	3	MPRI	0	Work Order Numb	er	er		Purpose	
QSR	3100	QMR	0000			Infiltra	tion/Inflow Inve	estigat	
OF	PR	Survey	ed By	Direction	Da	ate	Media	a label	
3	3	S_E	Bell	Downstream	2021	0408			
OF	PRI	Certificate	e Number	Pre-Cleaning	Tir	Time			
3	3	07030	03652	Light Cleaning	01:13		Dry - No P		
		Date C	leaned		End	Time	Additional Info		
		2021	0408		01	:16			

main



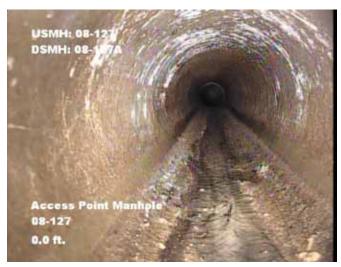


Pipe	Segment l	Refere	Ci	ty	Street	Mat	laterial Location		Pipe Use	
08	3-127_08-	127A	Westwo	ood MA	Washington Street	Asbesto	s Cement	Primary Ma	Sanitary S	
	Upstream	MH	Total L	_ength	Year Constructed	Shape		Location	n Details	
	08-127	7	3	6		Circ	ular			
D	ownsstrear	m MH	Length s	urveyed	Year Renewed	Height	Width Pipe Joint			
	08-127	A	3	6		6	6		<u> </u>	
SPF	₹	3	MPR	0	PO Number		Customer			
CDE	21		MDDI	0	Env			vironmental Partners		
SPF	ΚΙ	3	MPRI	0	Work Order Numb	er	er			
QSI	R	3100	QMR	0000			Infiltra	ation/Inflow Inve	estigat	
	OPR		Survey	ed By	Direction	Da	ate	Media	a label	
	3		S_E	Bell	Downstream	2021	0408			
	OPRI		Certificate	e Number	Pre-Cleaning	Tir	ne	Weather		
	3		07030	03652	Light Cleaning	01:13		Dry - No P		
			Date C	leaned		End	Time	Additional Info		
			2021	0408		01	:16			

Distance	Condition	Cont. Dfct.		Values		Joint	Clock Position		Grade
Distance	Condition	Cont. Dict.	1st	2nd	%	Joint	At/From	То	Grade
0.0 ft.	Access Point Manhole								
Remarks:	08-127								
0.0 ft.	Miscellaneous Water Level				5				
14.3 ft.	Joint Offset Medium								3
36.0 ft.	Miscellaneous Survey Abandoned								
Remarks:	Tie into main line								



Pipe Segment Refere	City	Street	Material		Location C	Pipe Use	
08-127_08-127A	Westwood MA	Washington Street	Asbestos Cement		Primary Ma	Sanitary S	
Upstream MH	Total Length	Year Constructed	Shape		Location	n Details	
08-127	36		Circular				
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint		
08-127A	36		6	6			



Distance: 0.0 ft. Grade: 0

Condition: Access Point Manhole

Remarks: 08-127



Distance: 0.0 ft. Grade: (

Condition: Miscellaneous Water Level

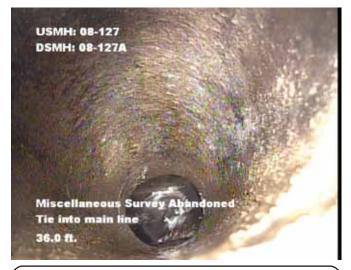
Remarks: N/A



Distance: 14.3 ft. Grade: 3

Condition: Joint Offset Medium

Remarks: N/A



Distance: 36.0 ft. Grade: 0

Condition: Miscellaneous Survey Abandoned

Remarks: Tie into main line

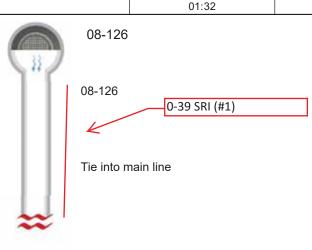


Pipe Segm	ent Refere	Ci	ty	Street	Mat	erial	Location C	Pipe Use	
08-126_	08-126A	Westwo	ood MA	Washington Street	Asbestos	s Cement	Primary Ma	Sanitary S	
Upstre	am MH	Total L	_ength	Year Constructed	Sha	ape	Location	n Details	
08-	126	3	9		Circ	ular			
Downsst	tream MH	Length s	surveyed	Year Renewed	Height Width		Pipe Joint		
08-	126A	3	9		6	6	6		
SPR	0	MPR	0	PO Number			Customer		
SPRI	0	MPRI	0	-	Environmental Partners				
SPRI	0	IVIPRI	0	Work Order Number	er	Purpose			
QSR	0000	QMR	0000			Infiltration/Inflow Investigat		estigat	
0	PR	Survey	ed By	Direction	Da	ate	Media	a label	
	0	S_E	Bell	Downstream	2021	0408			
OI	OPRI Certificate Number Pre-Cleaning		Time		Weather				
	0 0703003652		Light Cleaning	01:30		Dry - No P			
	Date Cleaned				End Time		Additio	Additional Info	
		2021	0408		01	:32			

0.0 ft. Access Point Manhole

0.0 ft. Miscellaneous Water Level

39.0 ft. Miscellaneous Survey Abandoned



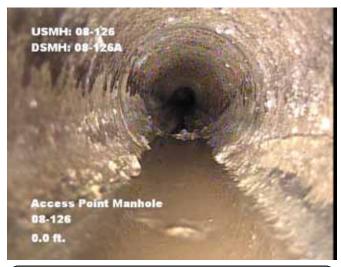


Pip	pe Segme	nt Refere	С	ity	Street	Mat	erial	Location C	Pipe Use
	08-126_0	08-126A	Westwo	ood MA	Washington Street	Asbestos	s Cement	Primary Ma	Sanitary S
	Upstrea	am MH	Total I	_ength	Year Constructed	Sha	ape	Location	n Details
	08-126		3	9	Cir		ular		
	Downsstream MH		Length s	surveyed	Year Renewed	Height	Width	Pipe Joint	
	08-126A		3	9		6	6		
SI	PR	0	MPR	0	PO Number			Customer	
	PRI	0	MPRI	0	-	Envi		ironmental Par	tners
Sr.	PKI	0	IVIPRI	0	Work Order Number	er		Purpose	
Q	SR	0000	QMR	0000			Infiltra	ion/Inflow Investigat	
	OF	PR	Surve	yed By	Direction	Da	ate	Media	a label
	0)	S_E	Bell	Downstream	2021	0408		
	OP	RI	Certificate	e Number	Pre-Cleaning	Tir	ne	Weather	
	0 0703003652		03652	Light Cleaning	01:	:30	Dry - No P		
	Date Cleaned					End	Time	Additio	nal Info
	20210408					01:	:32		

Distance	Condition	Cont. Dfct.	Values			Joint	Clock P	osition	Grade	
Distance	Condition	Cont. Dict.	1st	2nd	%	JOIIIL	At/From	То	Grade	
0.0 ft.	t. Access Point Manhole									
Remarks:	Remarks: 08-126									
0.0 ft.	0.0 ft. Miscellaneous Water Level				5					
39.0 ft. Miscellaneous Survey Abandoned										
Remarks:	Remarks: Tie into main line									



Pipe Segment Refere	City	Street	Mat	Material		Pipe Use
08-126_08-126A	Westwood MA	Washington Street	Asbestos Cement		Primary Ma	Sanitary S
Upstream MH	Total Length	Year Constructed	Shape		Location Details	
08-126	39		Circular			
Downsstream MH	Length surveyed	Year Renewed	Height Width		Pipe Joint	
08-126A	39		6	6		



Distance: 0.0 ft. Grade: 0

Condition: Access Point Manhole

Remarks: 08-126



Distance: 0.0 ft. Grade: 0

Condition: Miscellaneous Water Level

Remarks: N/A



Distance: 39.0 ft. Grade: 0

Condition: Miscellaneous Survey Abandoned

Remarks: Tie into main line

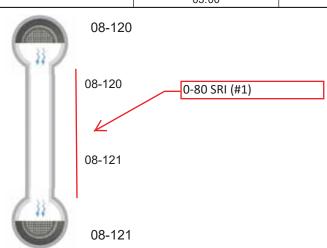


Pipe Segm	ent Refere	C	ity	Street	Mat	terial	Location C	Pipe Use	
08-120	_08-121	Westwe	ood MA	Washington Street	Asbesto	s Cement	Primary Ma	Sanitary S	
Upstre	am MH	Total	Length	Year Constructed	Sh	ape	Locatio	n Details	
08-	120	8	80		Circ	cular			
Downsst	tream MH	Length	surveyed	Year Renewed	Height	Width	Width Pipe Joint		
08-	121	8	30		8	8			
SPR	0	MPR	0	PO Number			Customer		
SPRI	0	MPRI	0	1		Environmental Partners			
OF IXI		IVIFIXI		Work Order Number	er		Purpose		
QSR	0000	QMR	0000			Infiltra	tion/Inflow Inve	estigat	
0	PR	Surve	yed By	Direction	Da	ate	Media	a label	
(0	S_I	Bell	Downstream	2021	10408			
O	PRI	Certificat	e Number	Pre-Cleaning	Ti	me	ne Weather		
	0	07030	003652	Light Cleaning	02	:54	Dry - No P		
	Date Cleaned			•	End	Time	Additio	nal Info	
	20210408				0.3	.00			

0.0 ft. Access Point Manhole

0.0 ft. Miscellaneous Water Level

80.0 ft. Access Point Manhole



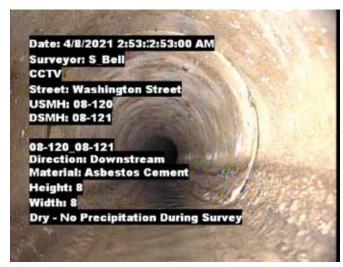


Pipe	Segment Refere	С	ity	Street	Mat	erial	Location C	Pipe Use
0	8-120_08-121	Westwo	ood MA	Washington Street	Asbestos	s Cement	Primary Ma	Sanitary S
	Upstream MH	Total I	Length	Year Constructed	Sha	ape	Location	n Details
	08-120 80 Circ		ular					
D	ownsstream MH	Length s	ength surveyed Year Renewed Height Width		Pipe Joint			
	08-121	8	0	8 8				
SPF	₹ 0	MPR	0	PO Number			Customer	
SPF	0	MPRI	0	-	Envi		ironmental Partners	
586	RI 0	IVIPRI	0	Work Order Number	er		Purpose	
QSI	R 0000	QMR	0000			Infiltra	ion/Inflow Investigat	
	OPR	Surve	yed By	Direction	Da	ate	Media	a label
	0	S_E	Bell	Downstream	2021	0408		
	OPRI	Certificate	e Number	Pre-Cleaning	Tir	ne	Weather	
	0 0703003652		Light Cleaning	02:	:54	Dry - No P		
	Date Cleaned				End	Time	Additio	nal Info
	20210408				03:	:00		

Distance	Condition	Cont. Dfct.		Values		Joint	Clock P	osition	Grade	
Distance	Condition	Cont. Dict.	1st	2nd	%	JOIIIL	At/From	То	Grade	
0.0 ft.	0 ft. Access Point Manhole									
Remarks:	Remarks: 08-120									
0.0 ft.	Miscellaneous Water Level				5					
80.0 ft.	Access Point Manhole									
Remarks:	08-121									



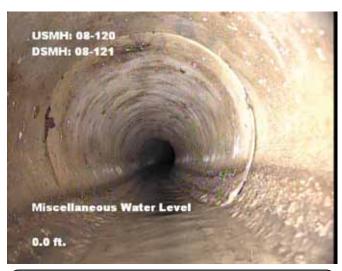
Pipe Segment Refere	City	Street	Mate	erial	Location C	Pipe Use
08-120_08-121	Westwood MA	Washington Street	Asbestos Cement		Primary Ma	Sanitary S
Upstream MH	Total Length	Year Constructed	Shape		Location	Details
08-120	80		Circular			
Downsstream MH	Length surveyed	Year Renewed	Height Width		Pipe Joint	
08-121	80		8	8		,



Distance: 0.0 ft. Grade: 0

Condition: Access Point Manhole

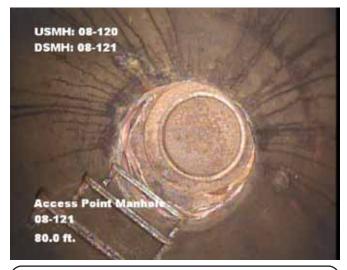
Remarks: 08-120



Distance: 0.0 ft. Grade: (

Condition: Miscellaneous Water Level

Remarks: N/A



Distance: 80.0 ft. Grade: (

Condition: Access Point Manhole

Remarks: 08-121



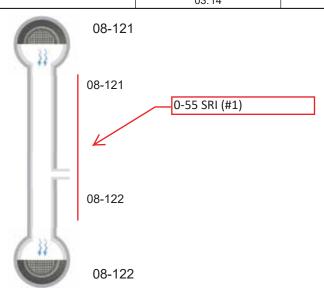
/ Pi	ipe Segme	ent Refere	Ci	ty	Street	Mat	erial	Location C	Pipe Use
	08-121	_08-122	Westwo	ood MA	Washington Street	Asbesto	s Cement	Primary Ma	Sanitary S
	Upstre	am MH	Total I	ength	Year Constructed	Sh	ape	Locatio	n Details
	08-121		5	5		Circ	ular		
	Downsst	ream MH	Length s	urveyed	Year Renewed	Height	Width	Pipe Joint	
	08-	122	5	5		8	8		
S	SPR	0	MPR	0	PO Number			Customer	
	·DDI	0	MDDI	0	_		Environmental Partners		tners
5	SPRI	0	MPRI	0	Work Order Number	er		Purpose	
C	QSR	0000	QMR	0000			Infiltra	ation/Inflow Inve	estigat
	Ol	PR	Surve	ed By	Direction	Da	ate	Medi	a label
	(0	S_E	Bell	Downstream	2021	0408		
	OF	PRI	Certificate	Number	Pre-Cleaning	Tir	me	Weather	
	(0	07030	03652	Light Cleaning	03	:11	Dry - No P	
	Date Cleaned				End	Time	Additio	onal Info	
	20210408				03	:14			

0.0 ft. Access Point Manhole

0.0 ft. Miscellaneous Water Level

25.5 ft. Tap Factory Activity

55.0 ft. Access Point Manhole



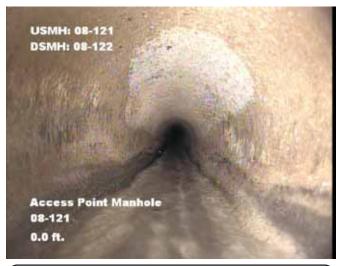


Pipe Segr	nent Refere	С	ity	Street	Mate	erial	Location C	Pipe Use
08-12	1_08-122	Westwo	ood MA	Washington Street	Asbestos	Cement	Primary Ma	Sanitary S
Upsti	eam MH	Total I	Length	Year Constructed	Sha	аре	Location Details	
30	3-121	5	55	Circular				
Downs	stream MH	Length s	surveyed	Year Renewed	Height	Width	Pipe Joint	
08	3-122	5	55		8	8		
SPR	0	MPR	0	PO Number			Customer	
SPRI	0	MPRI	0	-		Env		tners
SPRI	U	IVIPRI	0	Work Order Number	er		Purpose	
QSR	0000	QMR	0000			Infiltra	tion/Inflow Inve	stigat
(OPR	Surve	yed By	Direction	Da	nte	Media	a label
	0	S_I	Bell	Downstream	2021	0408		
	PRI	Certificat	e Number	Pre-Cleaning	Tir	ne	Weather	
	0	07030	03652	Light Cleaning	03:	3:11 Dry - No		
	Date Cleaned				End	Time	Additio	nal Info
	20210408				03:	14		

Distance	Condition	Cont. Dfct.		Values		Joint	Clock P	Clock Position	
Distance	Condition	Cont. Dict.	1st	2nd	%	Joint	At/From	То	Grade
0.0 ft.	Access Point Manhole								
Remarks: 08-121									
0.0 ft.	Miscellaneous Water Level				15				
25.5 ft.	Tap Factory Activity		6				9		
55.0 ft.	Access Point Manhole								
Remarks:	08-122								



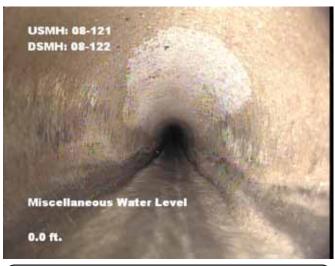
Pipe Segment Refere	City	Street	Mate	erial	Location C	Pipe Use
08-121_08-122	Westwood MA	Washington Street	Asbestos Cement		Primary Ma	Sanitary S
Upstream MH	Total Length	Year Constructed	Shape		Location	Details
08-121	55		Circular			
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
08-122	55		8	8		_



Distance: 0.0 ft. Grade:

Condition: Access Point Manhole

Remarks: 08-121



Distance: 0.0 ft. Grade:

Condition: Miscellaneous Water Level

Remarks: N/A



Distance: 25.5 ft. Grade:

Condition: Tap Factory Activity Remarks: N/A



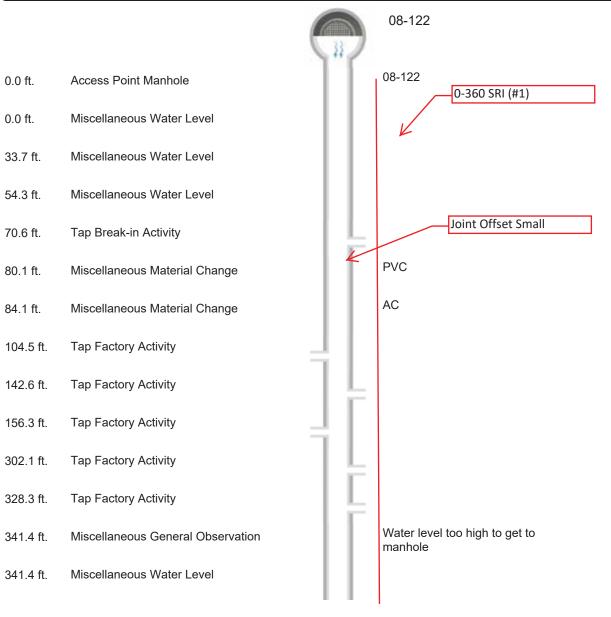
Distance: 55.0 ft. Grade: 0

Condition: Access Point Manhole

Remarks: 08-122



Pipe Segm	ent Refere	Ci	ity	Street	Mat	erial	Location C	Pipe Use
08-122	2_08-140	Westwo	ood MA	Washington Street	Asbestos	s Cement	Primary Ma	Sanitary S
Upstr	eam MH	Total I	_ength	Year Constructed	Sha	ape	Locatio	n Details
08	08-122		60		Circular			
Downss	Downsstream MH		surveyed	Year Renewed	Height	Width	Pipe Joint	
08	08-140		60		8	8		
SPR	0	MPR	0	PO Number			Customer	
CDDI	0	MDDI	0	-		Environmental Par		tners
SPRI	0	MPRI	0	Work Order Number	er		Purpose	
QSR	0000	QMR	0000			Infiltra	ation/Inflow Inve	estigat
C)PR	Surve	yed By	Direction	Da	ate	Medi	a label
	0	S_E	Bell	Downstream	2021	0408		
С	OPRI Certificate Number 0 0703003652		e Number	Pre-Cleaning	Tiı	ne	Weather	
			Light Cleaning	03	:16	Dry - No P		
		Date C	leaned		End	Time	Additio	nal Info
	20210408				03	:30		





Pipe Segme	nt Refere	Ci	ity	Street	Mat	erial	Location C	Pipe Use
08-122_	08-140	Westwo	ood MA	Washington Street	Asbestos	s Cement	Primary Ma	Sanitary S
Upstrea	am MH	Total I	_ength	Year Constructed	Sha	ape	Locatio	n Details
08-	122	36	60		Circ	ular	r	
Downsstr	ream MH	Length s	surveyed	Year Renewed	Height	Width Pipe Joint		
08-	140	36	60		8	8		
SPR	0	MPR	0	PO Number				
SPRI	0	MPRI	0	- En		Env	nvironmental Partners	
SFRI	U	IVIFKI	0	Work Order Number	er		Purpose	
QSR	0000	QMR	0000			Infiltra	ration/Inflow Investigat	
OF	PR	Surve	yed By	Direction	Da	ate	Medi	a label
C)	S_E	Bell	Downstream	2021	0408		
OP	'RI	Certificate	e Number	Pre-Cleaning	Tir	Time		
C	0 0703003652		Light Cleaning	03:	:16	Dry - No P		
	Date Cleaned			•	End	Time	Additional Info	
	20210408				03:	:30		

360.0 ft. Access Point Manhole

08-140

08-140

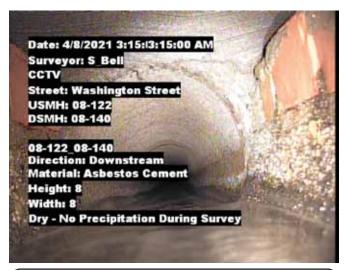


Pipe	Segment Refere	С	ity	Street	Mat	erial	Location C	Pipe Use
30	3-122_08-140	Westwo	ood MA	Washington Street	Asbestos	s Cement	Primary Ma	Sanitary S
I	Upstream MH	Total I	_ength	Year Constructed	Sha	ape	Location	n Details
	08-122	36	60		Circ	ular	lar	
Do	ownsstream MH	Length s	surveyed	Year Renewed	Height	Width	Pipe Joint	
	08-140	36	60		8	8		
SPR	0	MPR	0	PO Number			Customer	
SPR	. 0	MPRI	0	-		Envi	Environmental Partners	
SPR	0	IVIPRI	0	Work Order Numbe	er		Purpose	
QSR	0000	QMR	0000			Infiltrat	nfiltration/Inflow Investigat	
	OPR	Surve	yed By	Direction	Da	ate	Media	a label
	0	S_E	Bell	Downstream	2021	0408		
	OPRI	Certificate	e Number	Pre-Cleaning	Tir	me	Weather	
	0	07030	03652	Light Cleaning	03:16		Dry - No P	
	Date Cleaned				End	Time	Additio	nal Info
	20210408				03:	:30		

Distance	Condition	Count Difet		Values		Laint	Clock P	osition	Cando
Distance	Condition	Cont. Dfct.	1st	2nd	%	Joint	At/From	То	Grade
0.0 ft.	Access Point Manhole								
Remarks:	08-122								
0.0 ft.	Miscellaneous Water Level				15				
33.7 ft.	Miscellaneous Water Level				25				
54.3 ft.	Miscellaneous Water Level				15				
70.6 ft.	Tap Break-in Activity		6				9		
80.1 ft.	Miscellaneous Material Change								
Remarks:	PVC			•					
84.1 ft.	Miscellaneous Material Change								
Remarks:	AC								
104.5 ft.	Tap Factory Activity		6				3		
142.6 ft.	Tap Factory Activity		6				9		
156.3 ft.	Tap Factory Activity		6				3		
302.1 ft.	Tap Factory Activity		6				12		
328.3 ft.	Tap Factory Activity		6				9		
341.4 ft.	Miscellaneous General Observation								
Remarks:	Water level too high to get to manhole								•
341.4 ft.	Miscellaneous Water Level				55				
360.0 ft.	Access Point Manhole								
Remarks:	08-140			•					•



Pipe Segment Refere	City	Street	Mat	erial	Location C	Pipe Use
08-122_08-140	Westwood MA	Washington Street	Asbestos	Asbestos Cement		Sanitary S
Upstream MH	Total Length	Year Constructed	Sha	Shape		Details
08-122	360		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height Width		Pipe Joint	
08-140 360 8 8		8		,		



Distance: 0.0 ft. Grade: 0

Condition: Access Point Manhole

Remarks: 08-122



Distance: 0.0 ft. Grade: 0

Condition: Miscellaneous Water Level

Remarks: N/A



Distance: 33.7 ft. Grade: 0
Condition: Miscellaneous Water Level

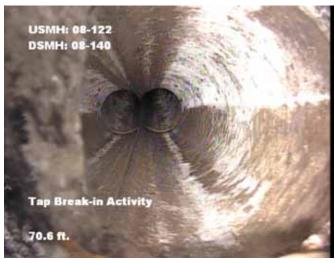
Remarks: N/A



Distance: 54.3 ft. Grade: 0
Condition: Miscellaneous Water Level



Pipe Segment Refere	City	Street	Mate	erial	Location C	Pipe Use		
08-122_08-140	Westwood MA	Washington Street	Asbestos	Asbestos Cement		Asbestos Cement		Sanitary S
Upstream MH	Total Length	Year Constructed	Sha	Shape		Details		
08-122	360		Circ	ular				
Downsstream MH	Downsstream MH Length surveyed Year Renewed Height Width		Width	Pipe Joint				
08-140	08-140 360 8 8			ر ا				



Distance: 70.6 ft. Grade: 0

Condition: Tap Break-in Activity

Remarks: N/A



Miscellaneous Material Change

Distance: 80.1 ft. Grade: 0

Remarks: PVC

Condition:



Distance: 84.1 ft. Grade: 0
Condition: Miscellaneous Material Change

Remarks: AC



Distance: 104.5 ft. Grade: 0

Condition: Tap Factory Activity



Pipe Segment Refere	City	Street	Mate	erial	Location C	Pipe Use		
08-122_08-140	Westwood MA	Washington Street	Asbestos	Asbestos Cement		Asbestos Cement		Sanitary S
Upstream MH	Total Length	Year Constructed	Sha	Shape		Details		
08-122	360		Circ	ular				
Downsstream MH	Downsstream MH Length surveyed Year Renewed Height Width		Width	Pipe Joint				
08-140	08-140 360 8 8			ر ا				



Distance: 142.6 ft. Grade: 0

Condition: Tap Factory Activity

Remarks: N/A



Distance: 156.3 ft. Grade: 0

Condition: Tap Factory Activity

Remarks: N/A



Distance: 302.1 ft. Grade:
Condition: Tap Factory Activity

Remarks: N/A



Distance: 328.3 ft. Grade: 0

Condition: Tap Factory Activity



Pipe Segment Refere	City	Street	Mate	erial	Location C	Pipe Use
08-122_08-140	Westwood MA	Washington Street	Asbestos Cement		Primary Ma	Sanitary S
Upstream MH	Total Length	Year Constructed	Shape		Location	Details
08-122	360		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height Width		Pipe Joint	
08-140	360		8 8			ر ا



Distance: 341.4 ft. Grade: 0

Condition: Miscellaneous General Observation

Remarks: Water level too high to get to manhole



Distance: 341.4 ft. Grade: 0

Miscellaneous Water Level

Remarks: N/A

Condition:

Access Point Manhole
08-140
360.0 ft.

Distance: 360.0 ft. Grade: 0

Condition: Access Point Manhole

Remarks: 08-140

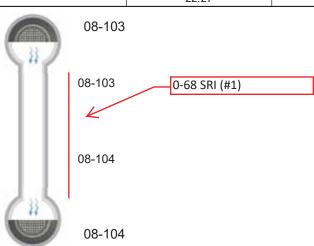


Pipe Segm	ent Refere	Ci	ty	Street	Mat	erial	Location C	Pipe Use
08-103	_08-104	Westwo	ood MA	Washington Street	Asbestos	s Cement	Primary Ma	Sanitary S
Upstre	am MH	Total L	_ength	Year Constructed	Sha	ape	Locatio	n Details
08-	103	6	8		Circ	ular	lar	
Downsst	ream MH	Length s	surveyed	Year Renewed	Height	Width	Pipe Joint	
08-	104	6	8		8	8		
SPR	0	MPR	0	PO Number			Customer	
SPRI	0	MPRI	0	-		Env	Environmental Partners	
SFRI	0	IVIFKI		Work Order Number	er		Purpose	
QSR	0000	QMR	0000			Infiltra	Itration/Inflow Investigat	
0	PR	Survey	ed By	Direction	Da	ate	Medi	a label
	0	S_E	Bell	Downstream	2021	0408		
OF	PRI	Certificate	e Number	Pre-Cleaning	Time		Weather	
	0 0703003652		Light Cleaning	22	:02	Dry - No P		
	Date Cleaned				End	Time	Additio	onal Info
	20210408				22	:27		

0.0 ft. Access Point Manhole

0.0 ft. Miscellaneous Water Level

68.0 ft. Access Point Manhole



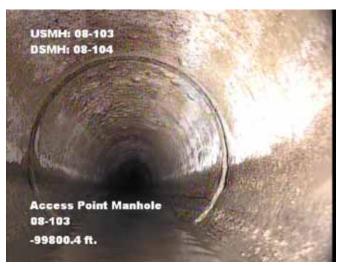


Pipe Segm	nent Refere	Ci	ty	Street	Mat	erial	Location C	Pipe Use	
08-103	3_08-104	Westwo	ood MA	Washington Street	Asbestos	s Cement	Primary Ma	Sanitary S	
Upstre	eam MH	Total I	_ength	Year Constructed	Sha	ape	Location Details		
08	-103	6	8		Circ	ular			
Downss	tream MH	Length s	urveyed	Year Renewed	Height	Width	Pipe Joint		
08	-104	6	8		8	8			
SPR	0	MPR	0	PO Number					
SPRI	0	MPRI	0	-			nvironmental Partners		
SPRI	U	IVIPRI	0	Work Order Number	er		Purpose		
QSR	0000	QMR	0000			Infiltra	ration/Inflow Investigat		
C)PR	Surve	yed By	Direction	Da	ate	Medi	a label	
	0	S_E	Bell	Downstream	2021	0408			
0	PRI	Certificate	e Number	Pre-Cleaning	Tir	ne	Weather		
	0 0703003652 Light Cleaning 22:02		:02	Dry - No P					
	Date Cleaned				End	Time	Additio	nal Info	
	20210408				22:	:27			

Distance	Condition	Cont. Dfct.		Values		Joint	Clock P	osition	Grade
Distance	Condition	Cont. Dict.	1st	2nd	%	Joint	At/From	То	Grade
0.0 ft.	Access Point Manhole								
Remarks:	08-103								
0.0 ft.	Miscellaneous Water Level				10				
68.0 ft.	Access Point Manhole								
Remarks:	08-104								



Pipe Segment Refere	City	Street	Mat	erial	Location C	Pipe Use		
08-103_08-104	Westwood MA	Washington Street	Asbestos	Asbestos Cement		Asbestos Cement		Sanitary S
Upstream MH	Total Length	Year Constructed	Sha	Shape		Details		
08-103	68		Circ	ular				
Downsstream MH	Downsstream MH Length surveyed Year Renewed Height Width		Width	Pipe Joint				
08-104	08-104 68 8		8					



Distance: 0.0 ft. Grade:

Condition: Access Point Manhole

Remarks: 08-103



Distance: 0.0 ft. Grade:

Condition: Miscellaneous Water Level

Remarks: N/A



Distance: 68.0 ft. Grade: Condition:

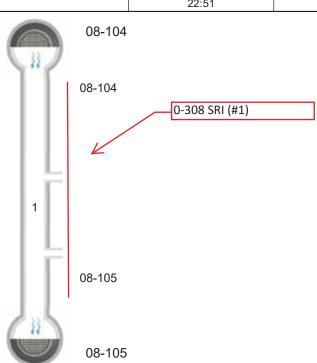
Access Point Manhole

Remarks: 08-104



Pipe Segme	ent Refere	Ci	ty	Street	Mat	erial	Location C	Pipe Use
08-104	_08-105	Westwo	ood MA	Washington Street	Asbesto	s Cement	Primary Ma	Sanitary S
Upstre	am MH	Total I	ength	Year Constructed	Sh	ape	Location	n Details
08-	104	30)8		Circ	ular	r	
Downsst	ream MH	Length s	urveyed	Year Renewed	Height	Width Pipe Joint		
08-	105	30)8		8	8		
SPR	0	MPR	1	PO Number			Customer	
CDDI	0	MDDI	4	-		Envir		tners
SPRI	0	MPRI	1	Work Order Numb	er		Purpose	
QSR	0000	QMR	1100			Infiltra	tion/Inflow Inve	estigat
IO	PR	Surve	ed By	Direction	Da	ate	Media	a label
	1	S_E	Bell	Downstream	2021	0408		
OF	PRI	Certificate	Number	Pre-Cleaning	Tir	me	Weather	
	1	07030	03652	Light Cleaning	22	22:43		
	Date Cleaned			End	Time	Additional Info		
	20210408			22	:51			

0.0 ft. Access Point Manhole
0.0 ft. Miscellaneous Water Level
2.0 ft. Tap Break-in Activity
101.0 ft. Roots Fine Joint
102.9 ft. Tap Factory Activity
308.0 ft. Access Point Manhole





$\overline{}$	Pipe Segme	ent Refere	Ci	ty	Street	Mat	erial	Location C	Pipe Use
	08-104_	_08-105	Westwo	ood MA	Washington Street	Asbesto	s Cement	Primary Ma	Sanitary S
	Upstrea	am MH	Total I	ength	Year Constructed	Sh	ape	Locatio	n Details
	08-104		30)8		Circ	cular		
	Downsstr	ream MH	Length s	urveyed	Year Renewed	Height	Width	Pipe Joint	
	08-	105	30)8		8	8		
	SPR	0	MPR	1	PO Number				
	CDDI	0	MDDI	4	-		Envi		tners
	SPRI	0	MPRI	1	Work Order Numb	er		Purpose	
	QSR	0000	QMR	1100			Infiltra	ation/Inflow Inve	estigat
	OF	PR	Surve	ed By	Direction	D	ate	Medi	a label
	1	I	S_E	Bell	Downstream	2021	0408		
	OF	PRI	RI Certificate Number Pre-Cleaning Time 0703003652 Light Cleaning 22:43		Weather				
	1	I			:43	Dry - No P			
	Date Cleaned				End	Time	Additio	onal Info	
	20210408				22	:51			

Distance	Condition	Cont. Dfct.		Values		Joint	Clock P	osition	Grade
Distance	Collation	Cont. Dict.	1st	2nd	%	Joint	At/From	То	Grade
0.0 ft.	Access Point Manhole								
Remarks:	08-104								
0.0 ft.	Miscellaneous Water Level				15				
2.0 ft.	Tap Break-in Activity		6				9		
101.0 ft.	Roots Fine Joint					V	8		1
102.9 ft.	Tap Factory Activity		6				12		
308.0 ft.	Access Point Manhole								
Remarks:	08-105								



Pipe Segment Refere	City	Street	Mat	erial	Location C	Pipe Use
08-104_08-105	Westwood MA	Washington Street	Asbestos	Asbestos Cement		Sanitary S
Upstream MH	Total Length	Year Constructed	Sha	аре	Location	Details
08-104	308		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
08-105	308		8	8		ر ا



Distance: 0.0 ft. Grade: 0

Condition: Access Point Manhole

Remarks: 08-104



Distance: 0.0 ft. Grade: 0

Condition: Miscellaneous Water Level

Remarks: N/A



Distance: 2.0 ft. Grade: 0

Condition: Tap Break-in Activity

Remarks: N/A

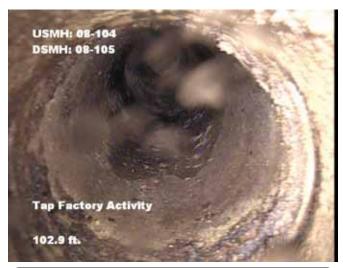


Distance: 101.0 ft. Grade: 1

Condition: Roots Fine Joint



Pipe Segment Refere	City	Street	Mat	erial	Location C	Pipe Use
08-104_08-105	Westwood MA	Washington Street	Asbestos	Asbestos Cement		Sanitary S
Upstream MH	Total Length	Year Constructed	Sha	Shape		n Details
08-104	308		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
08-105	308		8	8		



Distance: 102.9 ft. Grade: 0

Condition: Tap Factory Activity

Remarks: N/A



Distance: 308.0 ft. Grade: (

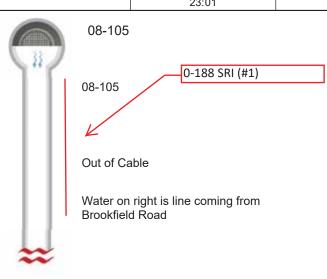
Condition: Access Point Manhole

Remarks: 08-105



Pipe Segn	nent Refere	C	ity	Street	Mat	erial	Location C	Pipe Use
08-105	5_08-121	Westwo	ood MA	Washington Street	Asbesto	s Cement	Primary Ma	Sanitary S
Upstr	eam MH	Total I	_ength	Year Constructed	Sh	ape	Locatio	n Details
08	-105	18	38		Circ	cular		
Downs	stream MH	Length s	surveyed	Year Renewed	Height	Width	Pipe Joint	
08	-121	18	38		8	8		
SPR	0	MPR	0	PO Number			Customer	
SPRI	0	MPRI	0	-		En	Environmental Partners	
SPRI	U	MPRI	U	Work Order Numb	er		Purpose	
QSR	0000	QMR	0000			Infiltr	ation/Inflow Inve	estigat
C)PR	Surve	yed By	Direction	Da	ate	Medi	a label
	0	S_E	Bell	Downstream	2021	0408		
C	PRI	Certificate	e Number	Pre-Cleaning	Ti	me	Weather	
	0	07030	03652	Light Cleaning	22	:52	Dry - No P	
	Date Cleaned				End	Time	Additio	onal Info
	20210408		0408		23	3:01		

0.0 ft. Access Point Manhole
0.0 ft. Miscellaneous Water Level
188.0 ft. Miscellaneous Survey Abandoned
188.0 ft. Miscellaneous General Observation



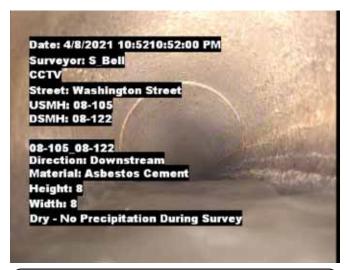


Pipe Segm	ent Refere	С	ity	Street	Mat	erial	Location C	Pipe Use	
08-105	_08-121	Westwo	ood MA	Washington Street	Asbestos	s Cement	Primary Ma	Sanitary S	
Upstre	eam MH	Total I	Length	Year Constructed	Sha	ape	Location Deta		
08	-105	18	88		Circ	ular			
Downss	stream MH Length surveyed Year Renewed Height Width		Pipe Joint						
08	-121	18	88		8	8			
SPR	0	MPR	0	PO Number			Customer		
SPRI	0	MPRI	0			Env	rironmental Partners		
SPRI	0	IVIPRI	0	Work Order Numb	er		Purpose		
QSR	0000	QMR	0000			Infiltra	tion/Inflow Inve	stigat	
0	PR	Surve	yed By	Direction	Da	ate	Media	a label	
	0	S_I	Bell	Downstream	2021	0408			
0	OPRI Certif		e Number	Pre-Cleaning	Tir	ne	Weather		
	0	07030	03652	Light Cleaning	aning 22:52		Dry - No P		
	Date Cleaned			•	End	Time	Additio	nal Info	
	20210408				23	:01			

Distance	Condition	Cont. Dfct.		Values		Joint	Clock Po	osition	Grade
Distance	Condition	Cont. Dict.	1st	2nd	%	Joint	At/From	То	Grade
0.0 ft.	Access Point Manhole								
Remarks:	08-105								
0.0 ft.	Miscellaneous Water Level				15				
188.0 ft.	Miscellaneous Survey Abandoned								
Remarks:	Out of Cable								
188.0 ft.	Miscellaneous General Observation								
Remarks:	: Water on right is line coming from Brookfield Road								



Pipe Segment Refere	City	Street	Mat	erial	Location C	Pipe Use
08-105_08-121	Westwood MA	Washington Street	Asbestos	Asbestos Cement		Sanitary S
Upstream MH	Total Length	Year Constructed	Sha	Shape		n Details
08-105	188		Circular			
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
08-121	188		8	8		· /



Distance: 0.0 ft. Grade: 0

Condition: Access Point Manhole

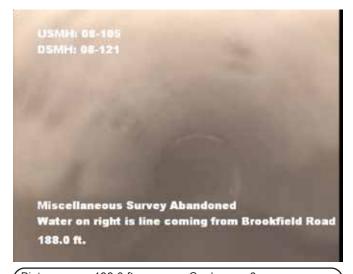
Remarks: 08-105



Distance: 0.0 ft. Grade: (

Condition: Miscellaneous Water Level

Remarks: N/A



Distance: 188.0 ft. Grade: 0

Condition: Miscellaneous Survey Abandoned

Remarks: Out of Cable



Distance: 188.0 ft. Grade: 0

Condition: Miscellaneous General Observation

Remarks: Water on right is line coming from Brookfield

Road



/ Pipe Segm	ent Refere	Ci	ity	Street	Mat	erial	Location C	Pipe Use	
06-104	_06-026	Westwo	ood MA	Dunkin Route 1	Asbestos	s Cement	Primary Ma	Sanitary S	
Upstre	eam MH	Total I	_ength	Year Constructed	Sha	ape	Locatio	n Details	
06	-104	2	4		Circ				
Downss	tream MH	Length s	surveyed	Year Renewed	Height	Width	Pipe Joint		
06	-026	2	4		8	8			
SPR	0	MPR	0	PO Number			Customer		
SPRI	0	MPRI	0	1	E		vironmental Partners		
SPRI	U	IVIPRI	0	Work Order Number	er		Purpose		
QSR	0000	QMR	0000			Infiltra	tion/Inflow Investigat		
0	PR	Surve	yed By	Direction	Da	ate	Medi	a label	
	0	S_E	Bell	Downstream	2021	0408			
0	PRI	Certificate	e Number	Pre-Cleaning	Time		Weather		
	0		03652	No Pre-Cleaning	23:58 Dry		Dry - No P		
	Date Cleaned				End	Time	Additio	nal Info	
					00	:03			

0.0 ft. Access Point Manhole
0.0 ft. Miscellaneous Water Level
24.0 ft. Miscellaneous General Observation
24.0 ft. Miscellaneous Survey Abandoned



06-104

06-104

Cannot get vactor on 06-026 to clean without using flex hose.

Needs to be cleaned

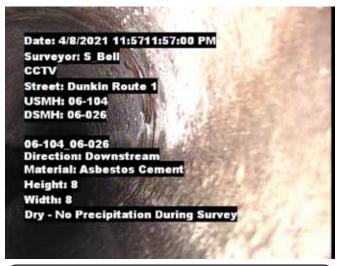


$\overline{}$	Pipe Segme	ent Refere	Ci	ity	Street	Mat	erial	Location C	Pipe Use
	06-104_	_06-026	Westwo	ood MA	Dunkin Route 1	Asbesto	s Cement	Primary Ma	Sanitary S
	Upstrea	am MH	Total I	_ength	Year Constructed	Sh	ape	Locatio	n Details
	06-104		2	4		Circ	cular		
	Downssti	ream MH	Length s	urveyed	Year Renewed	Height	Width	Pipe Joint	
	06-	026	2	4		8	8		
	SPR	0	MPR	0	PO Number			Customer	
	CDDI	0	MDDI	0			Env		tners
	SPRI	0	MPRI	0	Work Order Numb	per		Purpose	
	QSR	0000	QMR	0000			Infiltra	ation/Inflow Inve	estigat
	OF	PR	Surve	ed By	Direction	Da	ate	Medi	a label
	()	S_E	Bell	Downstream	2021	0408		
	OF	PRI	I Certificate Number Pre-Cleaning Time 0703003652 No Pre-Cleaning 23:58		me	Weather			
	()			:58	Dry - No P			
	Date Cleaned				End	Time	Additio	onal Info	
					00	:03			

Distance	Condition	Cont. Dfct.		Values		Joint	Clock Po	osition	Grade
Distance	Condition	1st		2nd	%	Joint	At/From	То	Grade
0.0 ft.	Access Point Manhole								
Remarks:	06-104								
0.0 ft.	Miscellaneous Water Level				15				
24.0 ft.	Miscellaneous General Observation								
Remarks:	Cannot get vactor on 06-026 to clean without using flex hose.								
24.0 ft.	Miscellaneous Survey Abandoned								
Remarks:	Needs to be cleaned								



Pipe Segment Refere	City	Street	Mat	erial	Location C	Pipe Use
06-104_06-026	Westwood MA	Dunkin Route 1	Asbestos	Asbestos Cement		Sanitary S
Upstream MH	Total Length	Year Constructed	Sha	Shape		n Details
06-104	24		Circ	ular		
Downsstream MH	Length surveyed	Year Renewed	Height	Width	Pipe Joint	
06-026	24		8	8		· /



Distance: 0.0 ft. Grade: 0

Condition: Access Point Manhole

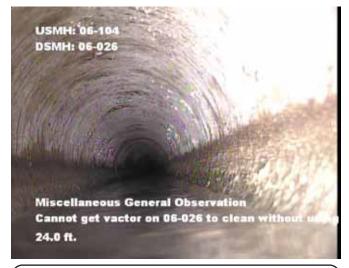
Remarks: 06-104



Distance: 0.0 ft. Grade: (

Condition: Miscellaneous Water Level

Remarks: N/A



Distance: 24.0 ft. Grade: 0

Condition: Miscellaneous General Observation
Remarks: Cannot get vactor on 06-026 to clean

without using flex hose.



Distance: 24.0 ft. Grade: 0

Condition: Miscellaneous Survey Abandoned

Remarks: Needs to be cleaned



National Water Main Cleaning

Co.

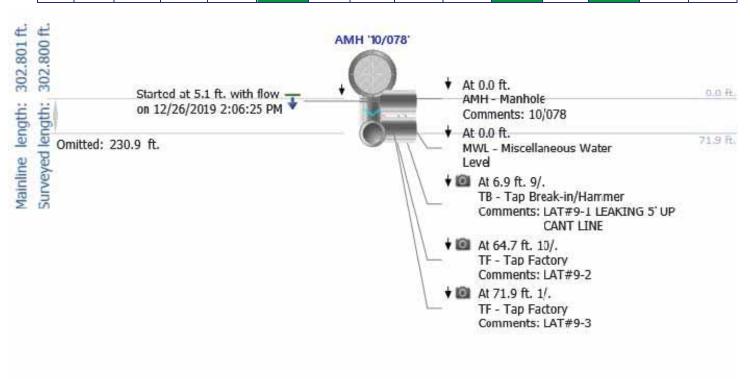
25 Marshall Street Canton, MA 02021 Office: 800-422-0815 Fax: 781-828-2473

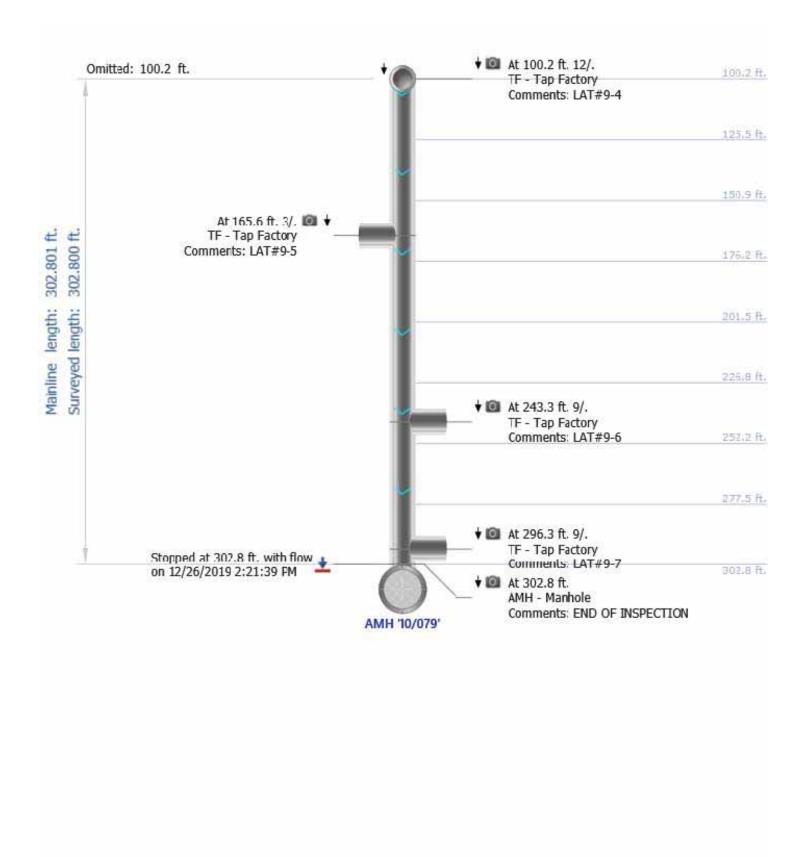
NWMCC INSPECTION REPORT

Start date/time:		Weather:		Surveyed by:	Certificate number:	Pipe segment ref.:					
20191226		Dry - No	on during	F.Sime	N/A	078-079					
		survey	on during								
Owner:		Customer:		Pre-cleaning:	Date cleaned:	Project name:					
				Light Cleaning		WES0153					
City:		Street:		Location code:	Pipe use:	Drainage area:	Flow control:				
WESTWOO	DD MA	DEERFIEL	D AVE		Sanitary Sewage Pipe						
Upstream M	H No:		Downstrea	m MH No:	Direction:	Total length:	Length surveyed:				
10/078			10/079		D	302.801 ft.	302.800 ft.				
Purpose:	Pipe joint le	ength:	Height:	Material:	LateralsCounter:	Additional info:					
Post Rehabilitat ion Survey			8 in.	Other (State in Comments)							

Pipe Ratings

			Structura	ıl:				O&M:				Ove	rall:	
Grade	Defects	Segment Grade	Pipe Rating	Quick Rating	Pipe Rating Index	Defects	Segment Grade	Pipe Rating	Quick Rating	Pipe Rating Index	Pipe Rating	Pipe Rating Index	LoF	Risk
1	0	0				0	0							
2	0	0				0	0							
3	0	0	0	0000	0.0	0	0	0	0000	0.0	0	0.0	1.0	
4	0	0				0	0							
5	0	0				0	0							





NWMCC INSPECTION REPORT

Inspection Photos

City: Street: Start date/time: Pipe segment ref.:

WESTWOOD MA DEERFIELD AVE 20191226 14:06 078-079



Photo: 10_078-10_079-20191226-140625-140832.JPG At: 6.9 ft. 9/. TB - Tap Break-in/Hammer

Joint: No LAT#9-1 LEAKING 5' UP CANT LINE

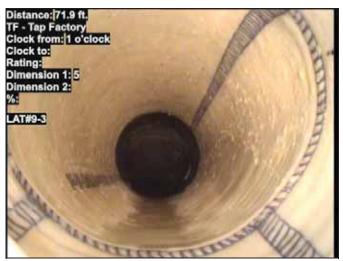


Photo: 10_078-10_079-20191226-140625-141144.JPG

At: 71.9 ft. 1/. TF - Tap Factory

Joint: No LAT#9-3

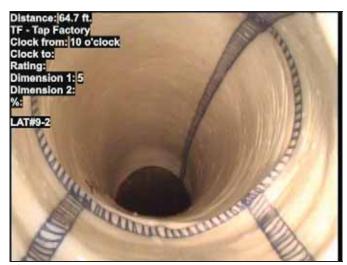


Photo: 10_078-10_079-20191226-140625-141103.JPG

At: 64.7 ft. 10/. TF - Tap Factory

Joint: No LAT#9-2



Photo: 10_078-10_079-20191226-140625-141303.JPG

At: 100.2 ft. 12/. TF - Tap Factory

Joint: No LAT#9-4



Photo: 10_078-10_079-20191226-140625-141524.JPG

At: 165.6 ft. 3/. TF - Tap Factory
Joint: No LAT#9-5



Photo: 10_078-10_079-20191226-140625-142044.JPG

At: 296.3 ft. 9/. TF - Tap Factory
Joint: No LAT#9-7



Photo: 10_078-10_079-20191226-140625-141827.JPG

At: 243.3 ft. 9/. TF - Tap Factory
Joint: No LAT#9-6



Photo: 10_078-10_079-20191226-140625-142118.JPG

At: 302.8 ft. AMH - Manhole

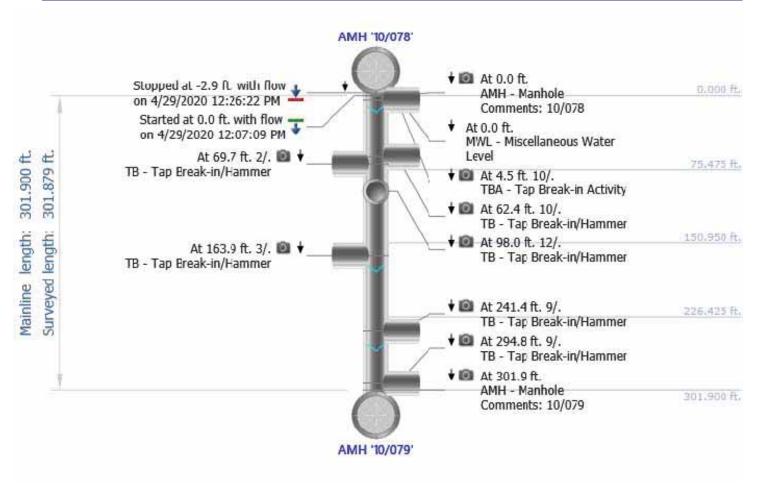
Joint: No END OF INSPECTION

NWMCC INSPECTION REPORT

Weather: Start date/time: Surveyed by: Certificate number: Pipe segment ref.: 20200429 12:07 Dry - No U-315-06023827 10/078-10/079 A. Rodrigues precipitation during survey Owner: Customer: Date cleaned: Project name: Pre-cleaning: **Light Cleaning** WES015-3 City: Street: Location code: Pipe use: Drainage area: Flow control: **WESTWOOD DEERFIELD AVE Sanitary Sewage** Local/Rural Street Pipe Upstream MH No: Downstream MH No: Direction: Total length: Length surveyed: 10/078 10/079 301.900 ft. D 301.879 ft. Purpose: Pipe joint length: Height: Material: LateralsCounter: Additional info: 8 in. Post Other (State in Rehabilitat Comments)

Pipe Ratings

			Structura	ıl:				O&M:				Over	rall:	
Grade	Defects	Segment Grade	Pipe Rating	Quick Rating	Pipe Rating Index	Defects	Segment Grade	Pipe Rating	Quick Rating	Pipe Rating Index	Pipe Rating	Pipe Rating Index	LoF	Risk
1	0	0				0	0							
2	0	0				0	0							
3	0	0	0	0000	0.0	0	0	0	0000	0.0	0	0.0	1.0	l
4	0	0				0	0							
5	0	0				0	0							



ion Survey

NWMCC INSPECTION REPORT

Inspection Photos

 City:
 Street:
 Start date/time:
 Pipe segment ref.:

 WESTWOOD
 DEERFIELD AVE
 20200429
 12:41
 10/078-10/079



Photo: 10_078-10_079-04292020-AMH-0.0 ft.-120709.JPG

At: 0 ft. AMH - Manhole
Joint: No 10/078



Photo: 10_078-10_079-04292020-TB-62.4 ft.-120950.JPG

At: 62.413 ft. TB - Tap Break-in/Hammer

10/.

Joint: No



Photo: 10_078-10_079-04292020-TBA-4.5 ft.-120745.JPG

At: 4.451 ft. 10/. TBA - Tap Break-in Activity

Joint: No



Photo: 10_078-10_079-04292020-TB-69.7 ft.-121327.JPG

At: 69.733 ft. 2/. TB - Tap Break-in/Hammer

Joint: No



Photo: 10_078-10_079-04292020-TB-98.0 ft.-121541.JPG

At: 98.022 ft. TB - Tap Break-in/Hammer

12/.

Joint: No



Photo: 10_078-10_079-04292020-TB-241.4 ft.-122047.JPG

At: 241.444 ft. TB - Tap Break-in/Hammer

9/. Joint: No



Photo: 10_078-10_079-04292020-AMH-301.9 ft.-122315.JPG

At: 301.879 ft. AMH - Manhole

Joint: No 10/079



Photo: 10_078-10_079-04292020-TB-163.9 ft.-121825.JPG

At: 163.897 ft. TB - Tap Break-in/Hammer

3/.

Joint: No

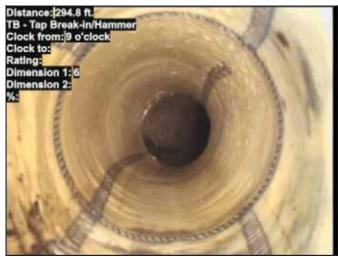


Photo: 10_078-10_079-04292020-TB-294.8 ft.-122242.JPG

At: 294.758 ft. TB - Tap Break-in/Hammer

Joint: No



National Water Main Cleaning

Co.

25 Marshall Street Canton, MA 02021 Office: 800-422-0815 Fax: 781-828-2473

NWMCC INSPECTION REPORT

PACP Rating Description

<u>1:</u>	Excellent Condition
	Minor Defects - Failure unlikely in the foreseeable future
<u>2:</u>	Good Condition
	Defects that have not begun to deteriorate - Pipe unlikely to fail for at least 20 years.
<u>3:</u>	Fair Condition
	Moderate defects that will continue to deteriorate - Pipe may fail in 10-20 years.
<u>4:</u>	Poor Condition
	Severe Defects that will become Grade 5 defects within the foreseeable future - Pipe will probably fail in 5-10 years.
<u>5:</u>	Immediate Attention
	Defects require immediate attention - Pipe has failed or will likely fail within the next 5 years or sooner.

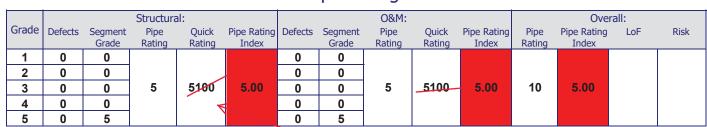
NWMCC INSPECTION REPORT Weather: Start date/time: Surveyed by: Certificate number: Pipe segment ref.: 20181116 08:54 U-311-12216 14/071-14/013 **Light Rain** G. Deluca Owner: Customer: Pre-cleaning: Date cleaned: Project name: **Jetting** ENV017-7 Street: Location code: Sewer use: Flow control: City: Drainage area: **WESTWOOD MA FISHER ST** Light highway Sanitary **Not Controlled** Downstream MH No: Direction: Upstream MH No: Total length: Length surveyed: 14/071 14/013 71.6 ft. U 71.6 ft. Pipe joint length: Height: Additional info:

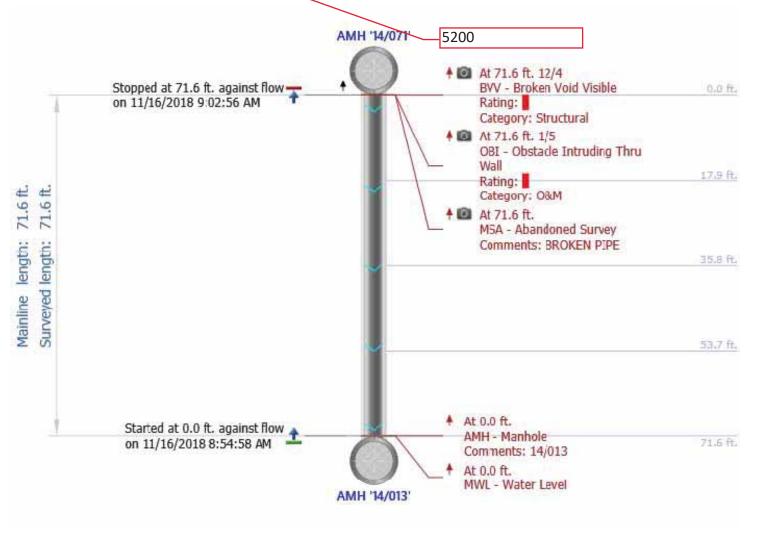
Pipe Ratings

8 in.

Material:

Asbestos Cement





Purpose:

Infiltration/Inflow

Investigation

Inspection Photos

 City:
 Street:
 Start date/time:
 Pipe segment ref.:

 WESTWOOD MA
 FISHER ST
 20181116
 09:07
 14/071-14/013



Photo: 14_071-14_013-20181116-090045.JPG
At: 71.6 ft. 12/4 BVV - Broken Void Visible

Joint: No



Photo: 14_071-14_013-20181116-090054.JPG

At: 71.6 ft. 1/5 OBI - Obstacle Intruding Thru Wall

Joint: No 50 %

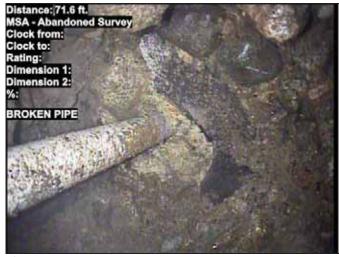


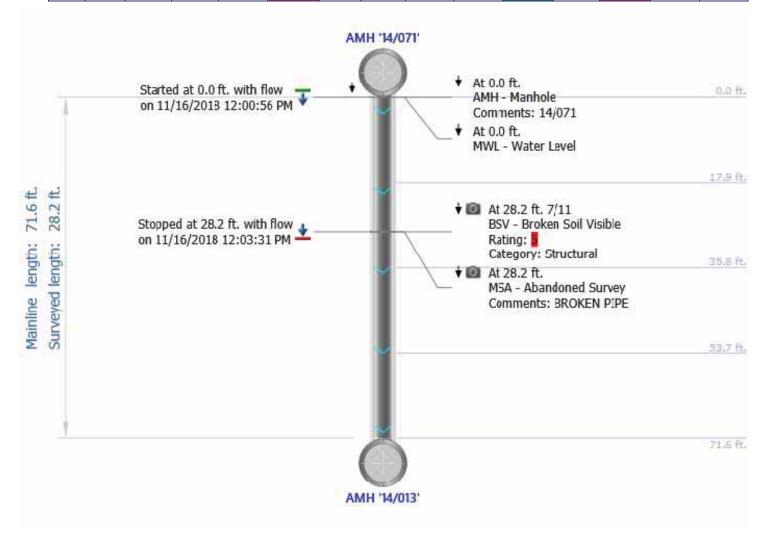
Photo: 14_071-14_013-20181116-090119.JPG
At: 71.6 ft. MSA - Abandoned Survey

Joint: No BROKEN PIPE

Start date/time:	Weather:	Surveyed by:	Certificate number:	Pipe segment ref.:				
20181116 12:00	Dry	G. Deluca	U-311-12216	U-311-12216 14/071-14/013				
Owner: Customer:		Pre-cleaning: Jetting	Date cleaned:	Project name: ENV017-7				
City: WESTWOOD MA	Street: FISHER ST	Location code: Light highway	Sewer use: Sanitary	Drainage area:	Flow control: Not Controlled			
Upstream MH No: 14/071	Downstru 14/013	eam MH No:	Direction:	Total length: 71.6 ft.	Length surveyed: 28.2 ft.			
Purpose:	Pipe joint length:	Height:	Material:	Additional info:				
Infiltration/Inflow Investigation		8 in.	Asbestos Cement	REVERSAL				

Pipe Ratings

		Structural:					O&M:				Overall:			
Grade	Defects	Segment Grade	Pipe Rating	Quick Rating	Pipe Rating Index	Defects	Segment Grade	Pipe Rating	Quick Rating	Pipe Rating Index	Pipe Rating	Pipe Rating Index	LoF	Risk
1	0	0				0	0		0000	0.00		5.00		
2	0	0				0	0				5			
3	0	0	5	5100	5.00	0	0	0						
4	0	0				0	0							
5	0	5				0	0							



Inspection Photos

 City:
 Street:
 Start date/time:
 Pipe segment ref.:

 WESTWOOD MA
 FISHER ST
 20181116
 12:28
 14/071-14/013



Photo: 14_071-14_013-20181116-120243.JPG
At: 28.2 ft. 7/11 BSV - Broken Soil Visible

Joint: No



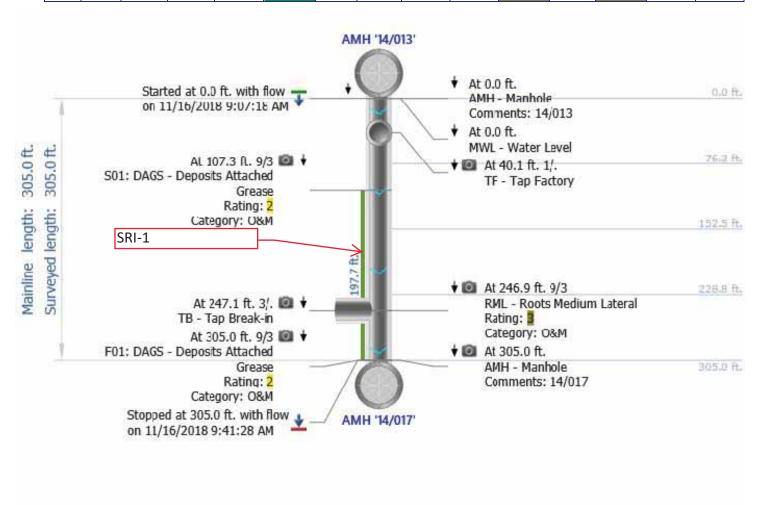
Photo: 14_071-14_013-20181116-120319.JPG
At: 28.2 ft. MSA - Abandoned Survey

Joint: No BROKEN PIPE

Start date/time: 20181116 09:07	Weather: Light Rain	Surveyed by: G. Deluca	Certificate number: U-311-12216	Pipe segment ref.: 14/013-14/017				
Owner:	Customer:	Pre-cleaning: Jetting	Date cleaned:	Project name: ENV017-7				
City: WESTWOOD MA	Street: FISHER ST EASMENT	Location code: Light highway	Sewer use: Sanitary	Drainage area:	Flow control: Not Controlled			
Upstream MH No: 14/013	Downstr 14/017	eam MH No:	Direction:	Total length: 305.0 ft.	Length surveyed: 305.0 ft.			
Purpose: Infiltration/Inflow Investigation	Pipe joint length:	Height:	Material: Asbestos Cement	Additional info:				

Pipe Ratings

	Structural:						O&M:					Overall:			
Grade	Defects	Segment Grade	Pipe Rating	Quick Rating	Pipe Rating Index	Defects	Segment Grade	Pipe Rating	Quick Rating	Pipe Rating Index	Pipe Rating	Pipe Rating Index	LoF	Risk	
1	0	0				0	0								
2	0	0			0.00	0	80		312G	2.02	83	2.02			
3	0	0	0	0000		0	3	83							
4	0	0				0	0								
5	0	0				0	0								



Inspection Photos

City: Street: Start date/time: Pipe segment ref.: WESTWOOD MA FISHER ST EASMENT 20181116 10:23 14/013-14/017



Photo: 14_013-14_017-20181116-090913.JPG

At: 40.1 ft. 1/. TF - Tap Factory

Joint: No



Photo: 14_013-14_017-20181116-091541.JPG
At: 246.9 ft. 9/3 RML - Roots Medium Lateral

Joint: No 50 %

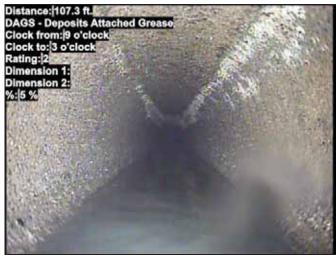


Photo: 14_013-14_017-20181116-091123.JPG

At: 107.3 ft. 9/3 DAGS - Deposits Attached Grease

Joint: Yes 5 %



Photo: 14_013-14_017-20181116-093734.JPG

At: 247.1 ft. 3/. TB - Tap Break-in

Joint: No



Photo: 14_013-14_017-20181116-094115.JPG

At: 305 ft. AMH - Manhole

Joint: No 14/017



Photo: 14_013-14_017-20181116-094100.JPG

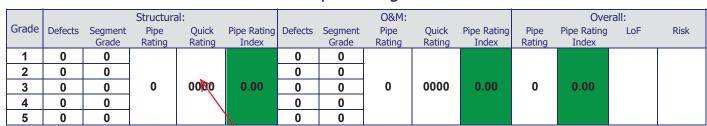
At: 305 ft. 9/3 DAGS - Deposits Attached Grease

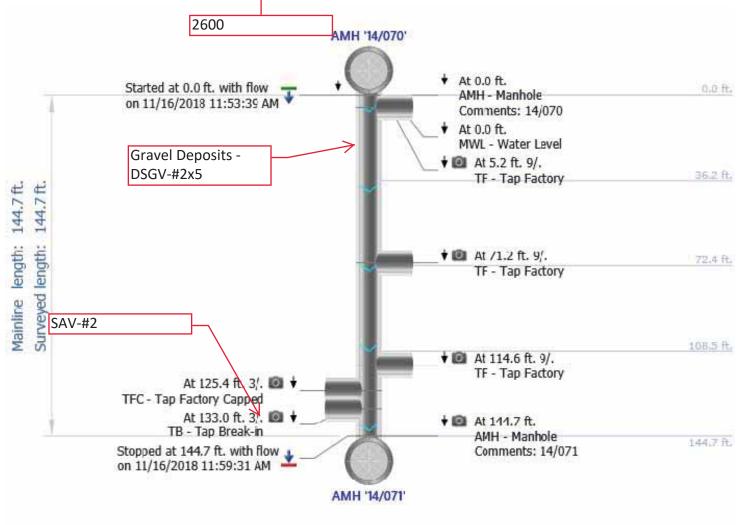
Joint: Yes 5 %

NWMCC INSPECTION REPORT Weather: Start date/time: Surveyed by: Certificate number: Pipe segment ref.: 20181116 11:53 U-311-12216 14/070-14/071 Dry G. Deluca Owner: Customer: Pre-cleaning: Date cleaned: Project name: **Jetting** ENV017-7 Street: Location code: Sewer use: Flow control: City: Drainage area: **WESTWOOD MA FISHER ST** Light highway Sanitary **Not Controlled** Downstream MH No: Direction: Total length: Upstream MH No: Length surveyed: 14/070 14/071 144.7 ft. D 144.7 ft. Pipe joint length: Height: Material: Additional info: Purpose: Infiltration/Inflow **Asbestos Cement**

Pipe Ratings

8 in.





Investigation

Inspection Photos

 City:
 Street:
 Start date/time:
 Pipe segment ref.:

 WESTWOOD MA
 FISHER ST
 20181116
 12:00
 14/070-14/071



Photo: 14_070-14_071-20181116-115427.JPG

At: 5.2 ft. 9/. TF - Tap Factory

Joint: No



Photo: 14_070-14_071-20181116-115742.JPG

At: 114.6 ft. 9/. TF - Tap Factory

Joint: No



Photo: 14_070-14_071-20181116-115613.JPG

At: 71.2 ft. 9/. TF - Tap Factory

Joint: No



Photo: 14_070-14_071-20181116-115817.JPG At: 125.4 ft. 3/. TFC - Tap Factory Capped

Joint: No



Photo: 14_070-14_071-20181116-115834.JPG

At: 133 ft. 3/. TB - Tap Break-in

Joint: No



Photo: 14_070-14_071-20181116-115917.JPG

At: 144.7 ft. AMH - Manhole

Joint: No 14/071



Inspection	Report
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		•	•		
Date	P/O. No.	Weather	Surveyor's Name	Pipe Segment Reference	Section No.
1/24/2020			F.SIME		1
Certificate No. 12345	Survey Customer	System Owner	Date Cleaned	Pre-Cleaning Jetting	Sewer Category

	Street	ARCADIA ROAD	Use of Sewer	Upstream MH	16/067
ı	City	REVERE	Drainage Area	Dowstream MH	16/068
ı	Loc. details		Flow Control	Dir. of Survey	Downstream
ı	Location Code		Length surveyed 252.00 ft	Section Length	252.00 ft

Purpose of Survey Joint Length 10 inch Year Laid Dia./Height Year Rehabilitated Material Other Tape / Media No. 123 Lining Method

Observation

Add. Information:

1:630

Position

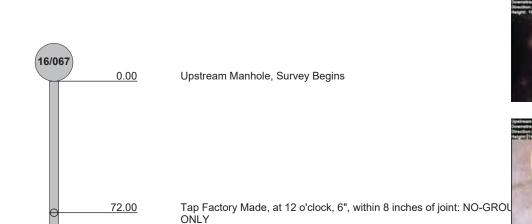
102.00

155.00

189.00

252.00

16/068



15-2 2' LCR INSTALLED

15-3 2' LCR INSTALLED

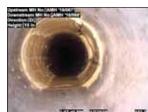
Downstream Manhole, Survey Ends





Tap Factory Made, at 09 o'clock, 6", within 8 inches of joint: NO-LAT

102 F





MPRI QSR QMR SPR MPR OPR SPRI OPRI 0000 0000 0 0 0

Tap Factory Made, at 03 o'clock, 6", within 8 inches of joint: NO LAT

Tap Factory Made, at 10 o'clock, 6", within 8 inches of joint: NO



Inspection photos

City: Street: Date: Pipe Segment Reference: Section No:
REVERE ARCADIA ROAD 1



Photo: 1_1_2_24012020_080123_A.jpg, VCR No.: 123 72FT, Tap Factory Made, at 12 o'clock, 6", within 8 inches of joint: NO-GROUT ONLY



Photo: 1_1_3_24012020_080248_A.jpg, VCR No.: 123 102FT, Tap Factory Made, at 09 o'clock, 6", within 8 inches of joint: NO-LAT 15-2 2' LCR INSTALLED



Photo: 1_1_3_24012020_080259_B.jpg, VCR No.: 123 102FT, Tap Factory Made, at 09 o'clock, 6", within 8 inches of joint: NO-LAT 15-2 2' LCR INSTALLED



Photo: 1_1_4_24012020_080410_A.jpg, VCR No.: 123 155FT, Tap Factory Made, at 03 o'clock, 6", within 8 inches of joint: NO LAT 15-3 2' LCR INSTALLED



Inspection photos

City:	Street :	Date :	Pipe Segment Reference :	Section No :
REVERE	ARCADIA ROAD			1



Photo: 1_1_4_24012020_080422_B.jpg, VCR No.: 123 155FT, Tap Factory Made, at 03 o'clock, 6", within 8 inches of joint: NO LAT 15-3 2' LCR INSTALLED

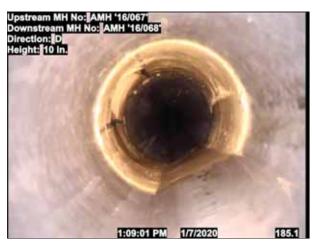


Photo: 1_1_5_24012020_080523_A.jpg, VCR No.: 123 189FT, Tap Factory Made, at 10 o'clock, 6", within 8 inches of joint: NO



Photo: 1_1_5_24012020_080534_B.jpg, VCR No.: 123 189FT, Tap Factory Made, at 10 o'clock, 6", within 8 inches of joint: NO



Photo: 1_1_6_24012020_080617_A.jpg, VCR No.: 123 252FT, Downstream Manhole, Survey Ends

				City : W	/estwood			
						F	iel: ax: mail:	
				Grouting	g Report			
Date 1/6/202	0	Conti	act#	Surveyor's Name Geoff Smith	Inspection Type Lateral Grout	Section No.	Certificate No. U-213-16971	
Survey Cus	tomer		repairable)	Joints Tested 4	Joints Passed 2	Joints Failed 2	Total Gallons used	
City Street oc. details ocation Code	Westv Arcad			Use of Sewer Sanita Weather Dry DVD # Length surveyed 252.5a		Upstream MH Downstream MH Dir. of Survey Section Length	16/067 16/068 Downstream 252.54 ft	
urpose of Sur re-Cleaning routing Type routing Mixtu	•	Test and Sea Jetting	l Grout		Pipe Joint Length Dia./Height Material Map #	0.00 ft 10 inch Other 5		
dd. Informatio		ion #	Descript	ion				
16/067	<i>)</i>	0.00 73.18		n begins at upstream ma		Manager and the state of the st	73.18 FT 158.56 FT	
	1	<u>58.56</u>	Lateral T	ested Failed Grouted (G	AL), Retested Passed			
16/068	3)							

Grouting Inspection photos

City	Street	Date	Type of Inspection	Section No.
Westwood	Arcadia Rd	1/6/2020	Lateral Grout	3

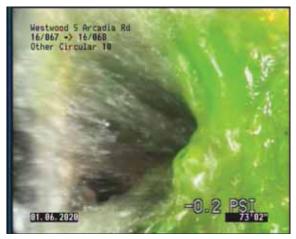


Photo: 3_3_2_06012020_153433_A.JPG, 00:00:00 Lateral Tested Failed Grouted (GAL), Retested Passed

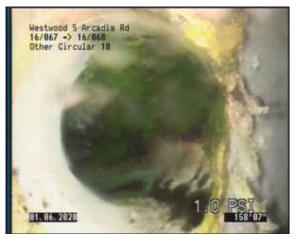
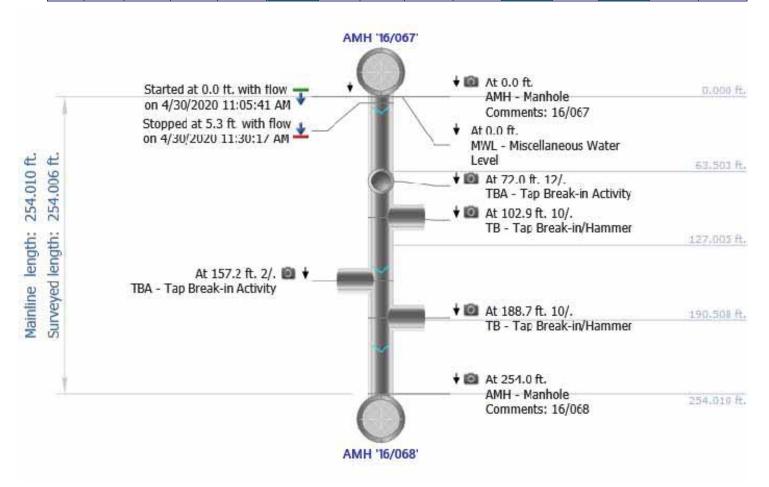


Photo: 3_3_3_06012020_160128_A.JPG, 00:00:00 Lateral Tested Failed Grouted (GAL), Retested Passed

Weather: Start date/time: Surveyed by: Certificate number: Pipe segment ref.: 20200430 11:05 Dry - No U-315-06023827 16/067-16/068 A. Rodrigues precipitation during survey Owner: Customer: Date cleaned: Project name: Pre-cleaning: **Light Cleaning** WES015-3 City: Street: Location code: Pipe use: Drainage area: Flow control: **WESTWOOD ARCADIA RD Sanitary Sewage** Local/Rural Street Pipe Upstream MH No: Downstream MH No: Direction: Total length: Length surveyed: 254.010 ft. 16/067 16/068 D 254.006 ft. Purpose: Pipe joint length: Height: Material: LateralsCounter: Additional info: Post 10 in. Other (State in Rehabilitat Comments) ion Survey

Pipe Ratings

			Structura	ıl:			O&M:					Overall:		
Grade	Defects	Segment Grade	Pipe Rating	Quick Rating	Pipe Rating Index	Defects	Segment Grade	Pipe Rating	Quick Rating	Pipe Rating Index	Pipe Rating	Pipe Rating Index	LoF	Risk
1	0	0				0	0							
2	0	0				0	0		0000	0.0	0	0.0	1.0	
3	0	0	0	0000	0.0	0	0	0						
4	0	0				0	0							
5	0	0				0	0							



Inspection Photos

 City:
 Street:
 Start date/time:
 Pipe segment ref.:

 WESTWOOD
 ARCADIA RD
 20200430
 11:57
 16/067-16/068

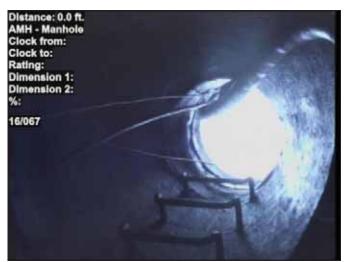


Photo: 16_067-16_068-04302020-AMH-0.0 ft.-110541.JPG

At: 0 ft. AMH - Manhole

Joint: No 16/067



Photo: 16_067-16_068-04302020-TB-102.9 ft.-112235.JPG

At: 102.868 ft. TB - Tap Break-in/Hammer

10/.

Joint: No



Photo: 16_067-16_068-04302020-TBA-72.0 ft.-112123.JPG

At: 72.008 ft. TBA - Tap Break-in Activity

12/. Joint: **No**



Photo: 16_067-16_068-04302020-TBA-157.2 ft.-112414.JPG

At: 157.171 ft. TBA - Tap Break-in Activity

21

Joint: No



Photo: 16_067-16_068-04302020-TB-188.7 ft.-112529.JPG

At: 188.724 ft. TB - Tap Break-in/Hammer

10/.

Joint: No



Photo: 16_067-16_068-04302020-AMH-254.0 ft.-112733.JPG

At: 254.006 ft. AMH - Manhole

Joint: No 16/068