

**APPENDIX A - TABLE E18.1: SITE SPECIFIC DESIGN CONDITIONS AND REPAIR REQUIREMENTS PRIOR TO PERFORMING SEWER LINING**

<b>Ness Ave (Asset No. MA20008165) Combined Sewer</b>	<b>MH (MH20007543) at Berry St. to MH (MH20007505) at Hampton St.</b>
Drawng Number	13322
Size / Shape	1350mm x 1050mm, egg shape
Material Type	conc
Total Length	106.5m
Maximum Sewer Depth to Invert	7.43m
Design Condition	fully deteriorated
<b>Site Specific Repairs</b>	
<b>Location</b>	<b>Action Required</b>
Distance from MH20007543 (m)	
0.0 to 0.5	Patch pipe wall @ 5:00
0.3	Remove encrustation from pipe wall below service @ 2:00
1.8	Remove encrustation from pipe wall @ 11:00
10.8 to 11.3	Patch pipe wall @ 5:00
11.8 to 13.9	Patch pipe wall from 3:00 to 5:00
33.9	Remove encrustation from pipe wall @ 9:00
35.2 to 36.6	Remove encrustation from pipe wall from 7:00 to 10:00
42.7 to 46.0	Remove encrustation from pipe wall from 3:00 to 5:00
52.3 to 52.5	Remove encrustation from pipe wall from 6:00 to 5:00
53.5	Remove encrustation from pipe wall below service @ 10:00
68.5 to 70.5	Remove encrustation from pipe wall from 6:00 to 5:00
80.0 to 80.9	Remove encrustation from pipe wall from 6:00 to 10:00
86.0 to 87.9	Remove encrustation from pipe wall from 9:00 to 3:00

<b>McPhillips Street (Asset No. MA20019475) Combined Sewer</b>	<b>MH (MH20017468) at Ross Ave. to MH (MH20017685) at Alexander Ave.</b>
Drawng Number	13323
Size / Shape	2000mm x 1500mm, egg shape
Material Type	Concrete
Total Length	82.3m
Maximum Sewer Depth to Invert	6.96m
Design Condition	fully deteriorated
<b>Site Specific Repairs</b>	
<b>Location</b>	<b>Action Required</b>
Distance from MH20017685 (m)	
4.8	Remove encrustation from pipe wall from 1:00 to 5:00
43.2	Remove encrustation from pipe wall from 2:00 to 4:00
44.6	Remove encrustation from pipe wall below service @ 2:00
58.3	Remove encrustation from pipe wall below service from 11:00 to 7:00
64.1	Remove encrustation from pipe wall below service from 11:00 to 7:00
87.0	note: start branch eastward
89.4	Start of previously lined pipe

<b>Xante Street (Asset No. MA20019529) Combined Sewer</b>	<b>MH (MH20017580) at Alexander Ave. (N) to MH (MH20017547) at Pacific Ave. (N)</b>
Drawng Number	13324
Size / Shape	1875mm x 1450mm, egg shape
Material Type	Concrete
Total Length	63.4m
Maximum Sewer Depth to Invert	6.17m
Design Condition	fully deteriorated
<b>Site Specific Repairs</b>	
<b>Location</b>	<b>Action Required</b>
Distance from MH20017547 (m)	
0.0 to 0.6	Remove encrustation from pipe wall @ 5:00
23.5	Remove encrustation from pipe wall @ 2:00 and 10:00
28.1	Remove encrustation from pipe service @ 12:00
45.9 to 52.0	Remove encrustation from pipe from from 7:00 to 10:00
45.9 to 53.7	Remove encrustation from pipe wall from 2:00 to 5:00
55.3	note: bend in line

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<b>Dugald Road (N PL) [Asset No. MA70008533] Waste Water Sewer</b>	<b>1st MH (MH50011366) W of Softly Rd. to MH (MH50010945) at Lagimodiere Bv.</b>
Drawng Number	13325
Size / Shape	1350mm circular
Material Type	Concrete
Total Length	131.4m
Maximum Sewer Depth to Invert	6.32m
Design Condition	fully deteriorated 3% ovality
<b>Site Specific Repairs</b>	
<b>Location</b>	<b>Action Required</b>
Distance from MH50011366 (m)	
6.2	Remove encrustation from pipe wall from 6:00 to 6:00
7.9	Remove encrustation from pipe wall from 6:00 to 6:00
10.4	Remove encrustation from pipe wall from 6:00 to 6:00
12.2	Remove encrustation from pipe wall from 12:00 to 6:00
15.3	Remove encrustation from pipe wall from 7:00 to 12:00
55.8	Remove encrustation from pipe wall from 1:00 to 5:00
57.3	Remove encrustation from pipe wall from 1:00 to 5:00
77.0	Remove encrustation from pipe wall from 1:00 to 5:00
89.6	Remove encrustation from pipe wall from 7:00 to 11:00
117.3	Remove encrustation from pipe wall from 1:00 to 3:00
120.6	Remove encrustation from pipe wall from 9:00 to 3:00
122.7	Remove encrustation from pipe wall @ 11:00
129.1	<i>Survey abandoned</i> due to dirty main. Can see MH; 50% dirt @ MH

<b>St. Marys Road (Asset No. MA50004098) Combined Sewer</b>	<b>2nd MH (MH50003561) S of Coniston St. to MH (MH50003549) at Lydale Dr.</b>
Drawng Number	13326
Size / Shape	1500mm x 1000mm, egg shape
Material Type	Concrete
Total Length	75.9m
Maximum Sewer Depth to Invert	8.37m
Design Condition	fully deteriorated
<b>Site Specific Repairs</b>	
<b>Location</b>	<b>Action Required</b>
Distance from MH50003561 (m)	
1.8	Remove intruding service @ 10:00
11.3	Remove encrustation below service @ 10:00
14.9 to 17.9	Patch pipe wall @ 5:00
27.0	Remove encrustation from pipe wall below service @ 2:00
31.8	Remove encrustation from pipe wall from 7:00 to 11:00
51.1	Remove encrustation from pipe wall @ 10:00
57.6	Remove encrustation from pipe wall from 12:00 to 3:00
61.7	Remove encrustation from service @ 12:00
72.0	Remove encrustation from pipe wall at service @ 2:00
75.3	Patch pipe wall from 7:00 to 9:00