

	Summary for SS Rehabilitation Project Phase 2				
	From MH #	To MH#	Length	# Laterals	Issues
	3A-65	3A-64	207	2	190.4-belly, 193.4 - severe change in grade, pipe changes grade at outside drop
	3A-65-1	3A-65	396.4	3	leaky joint at 2.0, belly at 9.9, separated leaking joint at 19.9
	3A-66	3A-65	73		severe change in grade - 64.9, 68.3 - separated joint, 69-outside drop.
	3A-66-1	3A-66	65.8		
	3A-66-2	3A-66-1	387.3	3	crack at 86.6
	3A-66	3A-67	34.1	0	
	3A-68	3A-67	439.4	7	1 extra capped tap, change in grade-174.5, leaks- 121, 146, 233, 244, 419, 436; protruding steel service - 371; belly-227
	3A-69	3A-68	118.6	3	
	3A-70	3A-69	196.9	2	
	3A-71	3A-70	194.1	5	2 more taps are capped, Belly at 23.5 & 126.2, bad service connection at 178.2
	3A-72	3A-71	484	9	3 protruding cast taps, broken pipe - 178, 179, 383.
	3A-73	3A-72	169.9	2	1 more service is capped, sag-64.9
	3A-74	3A-73	74.2		Sag-52.2
	3A-75	3A-74	258.6	4	Roots - 191.7
	3A-64-1	3A-64	276.4	2	tap at -265.9 - bad connection at main with iron buildup, large iron oxide deposit - 265.3
	3A-64-1-2	3A-64-1 -1	115.5	1	
	3A-64-1 -1	3A-64-1	201.3	2	
	3A-64-2	3A-64-1	139.4		
	3A-64-3	3A-64-2	138.5	1	Tap protruding 1", outside drop MH 64-2
	3A-64-3-3	3A-64-3	271.5	2	Tap at 170.2 protruding 1/2"
	3A-64-3-4	3A-64-3-3	389.7	4	
	3A-64-3-5	3A-64-3-4	223.9	2	
	3A-64-3-6	3A-64-3-5	384.8	4	4" tapped in connection dropped offset plastic. Cracked pipe with roots going through - 327.4; end run outside drop
	3A-64-3-1	3A-64-3	96.9		
	3A-64-3-2	3A-64-3-1	134.6	2	
	3A-64-4	3A-64-3	110.9	1	Roots at 107 and 110.9
	3A-64-5	3A-64-4	109.4	1	
	3A-64-5-1	3A-64-5	86.2	2	Roots through the lateral at 32.3; obstruction unpassable at 86.2
	3A-64-6	3A-64-5	139.7		Crack at 6.5
	3A-64-7	3A-64-6	160.9	3	Roots at 3.0, Protruding tap at 140.8, unpassable
	3A-64-7-1	3A-64-7	207.3	3	1 more tap is capped, roots at 205.2; outside drop
	3A-64-8	3A-64-7	225.9	4	1 more tap is capped, at 217 changed from concrete to PVC; outside drop
	3A-64-9	3A-64-8	164.7	3	1 more tap is capped, at obstruction at 160.1; outside drop at 3A-64-8
	3A-64-9-1	3A-64-9	92.2	1	
	3A-64	3A-63	232.2	3	severe change in grade at 79.5; change from concrete to PVC and back at 86.6 and 89; outside drop.
	3A-63	3A-62	170.4	1	outside drop
	3A-62	3A-61	106.3	1	Infiltration at 53.8
	3A-48	3A-47	186.3	3	1more service is capped; one protruding 1/2"; severe grade change-176.7; outside drop with heavy flow
	3A-48-1	3A-48	387.7	9	

	3A-48-2	3A-48-1	116.4	1	
	3A-48-3	3A-48-2	111.9	3	roots in lateral
	3A-48-4	3A-48-3	304.1	5	
	3A-49	3A-48	17.2		
	3A-49-1	3A-49	329.5	9	roots at 32.4 at service connection page 2; protruding 1/2" service at 35 page 2, protruding unpassable PVC at 36 page 2
	3A-49-2	3A-49-1	400.4	8	
	3A-49-2-1	3A-49-2	97	3	Protruding tap 1", protruding tap unpassable After removing obstruction, City will determine necessity of CIPP lining
	3A-49-3	3A-49-2	193.6	3	Protruding tap. There are 2 TV reports.
	3A-49-4	3A-49-3	145.2	1	
	3A-50-2	3A-50-1	402.7	6	Roots around lateral at 261.9
	3A-50-1	3A-50	106	1	
	3A-50	3A-49	183.8	2	
	3A-51-1	3A-51	323.8	4	
	3A-51-2	3A-51-1	314.9	7	Protruding tap 1/2" at 314.9, unpassable 64.1 up from 3A-51-1, Total TV 379LF, Measurement - 433LF, 43 feet not accounted for, More taps possible
	3A-51	3A-50	142.2		
	3A-52	3A-51	256.4	1	Infiltration at 77.6; roots and broken pipe at 147.8
	3A-53	3A-52	176.7	2	infiltration at 74.5; Steel lateral protruding 1" with heavy infiltration at 113.4
	3A-54	3A-53	99.8		
	3A-55	3A-54	164		MH 3A-54 under water because it is downstream of a beaverslide with heavy flow, possible broken pipe and roots at 134 roots through 137
	3A-56	3A-55	218	2	Joint offset, pipe pulled apart 6", severe I&I at 88.8-90.8; another joint offset at 214.4, with roots in; outside drop
	3A-57	3A-56	68.2	1	infiltration at 66.8
	3A-58	3A-57	121.4	2	I more service-capped.
	3A-59	3A-58	73.7		infiltration at 56.4
	3A-60	3A-59	88.1	2	Joint offset at 79.9
	3A-61	3A-60	178.3	1	
	3A-61-1	3A-61	160.6	1	
	3A-61-2	3A-61-1	168.3	1	
	3A-61-3	3A-61-2	103.2	1	
	3A-61-4	3A-61-3	103.8		
	3A-61-5	3A-61-4	130.2	2	I more tap is capped.
	3A-61-6	3A-61-5	186.3	1	
					13337.6
Kapteyns ST	3A-72-1	3A-72	205.6	2	Roots at 111.9 for 4' to 6' Leak in the pipe at 176', 210'; Crack at 210' Infiltration at 376.8
	3A-72-2	3A-72-1	175.9	2	
	3A-72-3	3A-72-2	213.3	3	
	3A-72-4	3A-72-3	318.4	6	
	3A-72-4	3A-72-5	227.8	4	
	3A-72-5	3A-72-6	381.9	6	
	3A-72-7	3A-72-6	113.4	2	
	3A-72-8	3A-72-7	91.5		
					1727.8

Marylhurst CIR	3A-75-5	3A-75-4	34.2	3	2" protruding cast tap There are 3 additional capped sevice roots - 41.2, crack with portion of the pipe missing-41.7 Ends at Marylhurst Sewer Pump Station 1 extra cupped service, 2x1" protruding cast taps, limited space in the pump station.	722.1
	3A-75-4	3A-75-3	291.9	5		
	3A-75-3	3A-75-2	106.7	2		
	3A-75-2	3A-75-1	91.2	2		
	3A-75-1	3A-75-1	198.1	4		
Top of Marylhurst DR	3A-76	3A-75	351.2	7	I more capped service, 1 protruding steel at 115.3 Slight Joint Offset at 120.7	988.4
	3A-77	3A-76	217.7	2		
	3A-78	3A-77	157.6	3		
	3A-79	3A-78	261.9	4		
	Total		16775.9	222		