

Appendix D
Sanitary Sewer System
Asset Management Database



Manhole ID	Street	Wall Type	Wall Condition	Wall I/I	I/I Sub-Area	Wall Score	Wall Condition Score	Wall I/I Score	Infiltration Ranking	Total Score	Comments
1181	Main St	Precast Concrete	Poor	Active Moderate	3	1	5	4	3	13	Active Moderate I/I
102	Main St	Precast Concrete	Fair	Active Light	3	1	3	3	3	10	Active Light I/I
103	Main St	Precast Concrete	Fair	Active Light	3	1	3	3	3	10	Active Light I/I
1267	Flanders St	Precast Concrete	Fair	Past Inactive	3	1	3	2	3	9	Active Light I/I
204	Depot St	Precast Concrete	Good	Active Moderate	3	1	1	4	3	9	Active Moderate I/I
131	Main St	Precast Concrete	Fair	Past Inactive	3	1	3	2	3	9	
136	Route 4	Precast Concrete	Fair	Past Inactive	3	1	3	2	3	9	
205	Union St	Precast Concrete	Fair	Past Inactive	3	1	3	2	3	9	
1264	Route 4	Precast Concrete	Fair	Past Inactive	3	1	3	2	3	9	
1281	Riverside Dr	Precast Concrete	Fair	Past Inactive	3	1	3	2	3	9	
521	Route 4	Precast Concrete	Fair	Past Inactive	6	1	3	2	3	9	
416	Route 4A	Precast Concrete	Fair	Active Light	1	1	3	3	1	8	Active Light I/I
104	Main St	Precast Concrete	Good	Active Light	3	1	1	3	3	8	Active Light I/I
105	Main St	Precast Concrete	Good	Active Light	3	1	1	3	3	8	Active Light I/I
108	Main St	Precast Concrete	Good	Active Light	3	1	1	3	3	8	Active Light I/I
509	Route 4	Precast Concrete	Fair	Active Light	4	1	3	3	1	8	Active Light I/I
510	McConnell Rd	Precast Concrete	Fair	Active Light	4	1	3	3	1	8	Active Light I/I
511	McConnell Rd	Precast Concrete	Fair	Active Light	4	1	3	3	1	8	Active Light I/I
512	McConnell Rd	Precast Concrete	Fair	Past Inactive	4	1	3	2	1	7	Active Light I/I
1270	Shaker Hill Rd	Precast Concrete	Fair	Past Inactive	4	1	3	2	1	7	Active Light I/I
523	Route 4	Precast Concrete	Good	Past Inactive	6	1	1	2	3	7	Active Light I/I
3057	May St	Precast Concrete	Fair	Past Inactive	2	1	3	2	1	7	Active Light I/I, Loose/Missing Bricks from Riser
2277	Shaker Hill Rd	Precast Concrete	Fair	Past Inactive	4	1	3	2	1	7	
2279	Shaker Hill Rd	Precast Concrete	Fair	Past Inactive	4	1	3	2	1	7	
132	Route 4	Precast Concrete	Good	Past Inactive	3	1	1	2	3	7	Loose/Missing Bricks from Riser
417	Route 4A	Precast Concrete	Fair	Past Inactive	Non-Metered	1	3	2	1	7	Pump Station
202	Depot St	Precast Concrete	Good	Past Inactive	3	1	1	2	3	7	Roots
700	Route 4A	Precast Concrete	Fair	Past Inactive	Non-Metered	1	3	2	1	7	Surcharged
708	Route 4A	Precast Concrete	Fair	Past Inactive	Non-Metered	1	3	2	1	7	
714	Route 4A	Precast Concrete	Fair	Past Inactive	Non-Metered	1	3	2	1	7	
413	Chosen Vale Ln	Precast Concrete	Fair	Past Inactive	1	1	1	2	1	7	
415	Route 4A	Precast Concrete	Fair	Past Inactive	1	1	3	2	1	7	
603	Potter Ln	Precast Concrete	Fair	Past Inactive	1	1	3	2	1	7	
1409	Butternut Pl	Precast Concrete	Fair	Past Inactive	1	1	3	2	1	7	
5050	Landing Rd	Precast Concrete	Fair	Past Inactive	1	1	3	2	1	7	
305	May St	Precast Concrete	Fair	Past Inactive	2	1	3	2	1	7	
106	Main St	Precast Concrete	Good	Past Inactive	3	1	1	2	3	7	
113	Main St	Precast Concrete	Good	Past Inactive	3	1	1	2	3	7	
115	Main St	Precast Concrete	Good	Past Inactive	3	1	1	2	3	7	
118	Main St	Precast Concrete	Good	Past Inactive	3	1	1	2	3	7	
120	Main St	Precast Concrete	Good	Past Inactive	3	1	1	2	3	7	
121	Main St	Precast Concrete	Good	Past Inactive	3	1	1	2	3	7	
122	Main St	Precast Concrete	Good	Past Inactive	3	1	1	2	3	7	
123	Main St	Precast Concrete	Good	Past Inactive	3	1	1	2	3	7	
124	Main St	Precast Concrete	Good	Past Inactive	3	1	1	2	3	7	
125	Main St	Precast Concrete	Good	Past Inactive	3	1	1	2	3	7	
127	Main St	Precast Concrete	Good	Past Inactive	3	1	1	2	3	7	
130	Main St	Precast Concrete	Good	Past Inactive	3	1	1	2	3	7	
134	Route 4	Precast Concrete	Good	Past Inactive	3	1	1	2	3	7	
201	Depot St	Precast Concrete	Good	Past Inactive	3	1	1	2	3	7	
203	Depot St	Precast Concrete	Good	Past Inactive	3	1	1	2	3	7	
211	Shaker Hill Rd	Precast Concrete	Good	Past Inactive	3	1	1	2	3	7	
301	Route 4	Precast Concrete	Good	Past Inactive	3	1	1	2	3	7	
1263	High St	Precast Concrete	Good	Past Inactive	3	1	1	2	3	7	
1265	Route 4	Precast Concrete	Good	Past Inactive	3	1	1	2	3	7	
1266	Flanders St	Precast Concrete	Good	Past Inactive	3	1	1	2	3	7	
1268	Route 4	Precast Concrete	Good	Past Inactive	3	1	1	2	3	7	
1269	Route 4	Precast Concrete	Good	Past Inactive	3	1	1	2	3	7	
2032	Depot St	Precast Concrete	Good	Past Inactive	3	1	1	2	3	7	
2111	Wells St	Precast Concrete	Good	Past Inactive	3	1	1	2	3	7	
2112	Wells St	Precast Concrete	Good	Past Inactive	3	1	1	2	3	7	
500	Route 4	Precast Concrete	Fair	Past Inactive	4	1	3	2	1	7	
508	Route 4	Precast Concrete	Fair	Past Inactive	4	1	3	2	1	7	
2071	Union St	Precast Concrete	Fair	Past Inactive	4	1	3	2	1	7	
2173	Pillsbury St	Precast Concrete	Fair	Past Inactive	4	1	3	2	1	7	
213	Shaker Hill Rd	Precast Concrete	Fair	Past Inactive	5	1	3	2	1	7	
139	Baltic St	Precast Concrete	Good	Past Inactive	6	1	1	2	3	7	
141	Baltic St	Precast Concrete	Good	Past Inactive	6	1	1	2	3	7	



Manhole ID	Street	Wall Type	Wall Condition	Wall I/I	I/I Sub-Area	Wall Score	Wall Condition Score	Wall I/I Score	Infiltration Ranking	Total Score	Comments
146	Baltic St	Precast Concrete	Good	Past Inactive	6	1	1	2	3	7	
149	Route 4	Precast Concrete	Good	Past Inactive	6	1	1	2	3	7	
520	Route 4	Precast Concrete	Good	Past Inactive	6	1	1	2	3	7	
1471	Route 4	Precast Concrete	Good	Past Inactive	6	1	1	2	3	7	
119	Main St	Precast Concrete	Good	None	3	1	1	1	3	6	Roots
142	Baltic St	Precast Concrete	Good	None	6	1	1	1	3	6	
4019	Landing Rd	Precast Concrete	Good	Past Inactive	1	1	1	2	1	5	Active Light I/I
2072	Pillsbury St	Precast Concrete	Good	Past Inactive	4	1	1	2	1	5	Active Light I/I
3055	May St	Precast Concrete	Good	Past Inactive	2	1	1	2	1	5	Backup/Blockage
2276	Pillsbury St	Precast Concrete	Good	Past Inactive	4	1	1	2	1	5	
3238	Flanders St	Precast Concrete	Good	Past Inactive	2	1	1	2	1	5	
707	Route 4A	Precast Concrete	Good	Past Inactive	Non-Metered	1	1	2	1	5	Loose/Missing Bricks from Riser
3034	Main St	Precast Concrete	Good	Past Inactive	2	1	1	2	1	5	Loose/Missing Bricks from Riser
3059	Brown St	Precast Concrete	Good	Past Inactive	2	1	1	2	1	5	Loose/Missing Bricks from Riser
1102	Pine Dr	Precast Concrete	Good	Past Inactive	Non-Metered	1	1	2	1	5	Pump Station - Enclosed Pipe
4021	Landing Rd	Precast Concrete	Good	Past Inactive	1	1	1	2	1	5	Surcharged
101	Main St	Precast Concrete	Good	Past Inactive	Non-Metered	1	1	2	1	5	
701	Route 4A	Precast Concrete	Good	Past Inactive	Non-Metered	1	1	2	1	5	
702	Route 4A	Precast Concrete	Good	Past Inactive	Non-Metered	1	1	2	1	5	
703	Route 4A	Precast Concrete	Good	Past Inactive	Non-Metered	1	1	2	1	5	
704	Route 4A	Precast Concrete	Good	Past Inactive	Non-Metered	1	1	2	1	5	
706	Route 4A	Precast Concrete	Good	Past Inactive	Non-Metered	1	1	2	1	5	
709	Route 4A	Precast Concrete	Good	Past Inactive	Non-Metered	1	1	2	1	5	
711	Route 4A	Precast Concrete	Good	Past Inactive	Non-Metered	1	1	2	1	5	
712	Route 4A	Precast Concrete	Good	Past Inactive	Non-Metered	1	1	2	1	5	
715	Route 4A	Precast Concrete	Good	Past Inactive	Non-Metered	1	1	2	1	5	
1012	Bridge St	Precast Concrete	Good	Past Inactive	Non-Metered	1	1	2	1	5	
1013	Bridge St	Precast Concrete	Good	Past Inactive	Non-Metered	1	1	2	1	5	
1014	Pine Dr	Precast Concrete	Good	Past Inactive	Non-Metered	1	1	2	1	5	
1101	Main St	Precast Concrete	Good	Past Inactive	Non-Metered	1	1	2	1	5	
1701	Route 4A	Precast Concrete	Good	Past Inactive	Non-Metered	1	1	2	1	5	
1715	Route 4A	Precast Concrete	Good	Past Inactive	Non-Metered	1	1	2	1	5	
403	Landing Rd	Precast Concrete	Good	Past Inactive	1	1	1	2	1	5	
404	Landing Rd	Precast Concrete	Good	Past Inactive	1	1	1	2	1	5	
405	Nancys Way	Precast Concrete	Good	Past Inactive	1	1	1	2	1	5	
406	Caleb Dyer Ln	Precast Concrete	Good	Past Inactive	1	1	1	2	1	5	
407	Simple Gift Ln	Precast Concrete	Good	Past Inactive	1	1	1	2	1	5	
408	Lily Ln	Precast Concrete	Good	Past Inactive	1	1	1	2	1	5	
409	Butternut Pl	Precast Concrete	Good	Past Inactive	1	1	1	2	1	5	
412	Chosen Vale Ln	Precast Concrete	Good	Past Inactive	1	1	1	2	1	5	
414	Chosen Vale Ln	Precast Concrete	Good	Past Inactive	1	1	1	2	1	5	
601	Turner Pl	Precast Concrete	Good	Past Inactive	1	1	1	2	1	5	
604	Route 4A	Precast Concrete	Good	Past Inactive	1	1	1	2	1	5	
605	Route 4A	Precast Concrete	Good	Past Inactive	1	1	1	2	1	5	
606	Merril Pl	Precast Concrete	Good	Past Inactive	1	1	1	2	1	5	
609	Marsten Ln	Precast Concrete	Good	Past Inactive	1	1	1	2	1	5	
610	Route 4A	Precast Concrete	Good	Past Inactive	1	1	1	2	1	5	
612	Marsten Ln	Precast Concrete	Good	Past Inactive	1	1	1	2	1	5	
1405	Chosen Vale Ln	Precast Concrete	Good	Past Inactive	1	1	1	2	1	5	
1406	Caleb Dyer Ln	Precast Concrete	Good	Past Inactive	1	1	1	2	1	5	
1605	Merril Pl	Precast Concrete	Good	Past Inactive	1	1	1	2	1	5	
4020	Landing Rd	Precast Concrete	Good	Past Inactive	1	1	1	2	1	5	
4040	Landing Rd	Precast Concrete	Good	Past Inactive	1	1	1	2	1	5	
4407	Chosen Vale Ln	Precast Concrete	Good	Past Inactive	1	1	1	2	1	5	
4408	Simple Gift Ln	Precast Concrete	Good	Past Inactive	1	1	1	2	1	5	
6060	Landing Rd	Precast Concrete	Good	Past Inactive	1	1	1	2	1	5	
6061	Landing Rd	Precast Concrete	Good	Past Inactive	1	1	1	2	1	5	
302	Route 4	Precast Concrete	Good	Past Inactive	2	1	1	2	1	5	
304	May St	Precast Concrete	Good	Past Inactive	2	1	1	2	1	5	
3051	May St	Precast Concrete	Good	Past Inactive	2	1	1	2	1	5	
3053	May St	Precast Concrete	Good	Past Inactive	2	1	1	2	1	5	
3054	May St	Precast Concrete	Good	Past Inactive	2	1	1	2	1	5	
3056	May St	Precast Concrete	Good	Past Inactive	2	1	1	2	1	5	
3058	Brown St	Precast Concrete	Good	Past Inactive	2	1	1	2	1	5	
501	Route 4	Precast Concrete	Good	Past Inactive	4	1	1	2	1	5	
502	Route 4	Precast Concrete	Good	Past Inactive	4	1	1	2	1	5	
503	Route 4	Precast Concrete	Good	Past Inactive	4	1	1	2	1	5	
504	Route 4	Precast Concrete	Good	Past Inactive	4	1	1	2	1	5	



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505	Route 4	Precast Concrete	Good	Past Inactive	4	1	1	2	1	5	
506	Route 4	Precast Concrete	Good	Past Inactive	4	1	1	2	1	5	
507	Route 4	Precast Concrete	Good	Past Inactive	4	1	1	2	1	5	
515	Route 4	Precast Concrete	Good	Past Inactive	4	1	1	2	1	5	
516	Route 4	Precast Concrete	Good	Past Inactive	4	1	1	2	1	5	
517	Route 4	Precast Concrete	Good	Past Inactive	4	1	1	2	1	5	
518	Route 4	Precast Concrete	Good	Past Inactive	4	1	1	2	1	5	
1272	Shedd St	Precast Concrete	Good	Past Inactive	4	1	1	2	1	5	
2076	Shedd St	Precast Concrete	Good	Past Inactive	4	1	1	2	1	5	
2077	Shedd St	Precast Concrete	Good	Past Inactive	4	1	1	2	1	5	
2079	Shedd St	Precast Concrete	Good	Past Inactive	4	1	1	2	1	5	
5500	Route 4	Precast Concrete	Good	Past Inactive	4	1	1	2	1	5	
6500	Route 4	Precast Concrete	Good	Past Inactive	4	1	1	2	1	5	
212	Shaker Hill Rd	Precast Concrete	Good	Past Inactive	5	1	1	2	1	5	
2131	Stevens St	Precast Concrete	Good	Past Inactive	5	1	1	2	1	5	
2132	Stevens St	Precast Concrete	Good	Past Inactive	5	1	1	2	1	5	
2133	Stevens St	Precast Concrete	Good	Past Inactive	5	1	1	2	1	5	
2141	Moore St	Precast Concrete	Good	Past Inactive	5	1	1	2	1	5	
2144	Lake St	Precast Concrete	Good	Past Inactive	5	1	1	2	1	5	
2145	Lake St	Precast Concrete	Good	Past Inactive	5	1	1	2	1	5	
513	McConnell Rd	Precast Concrete	Good	None	4	1	1	1	1	4	Enclosed Pipe - Pump Station
1606	Route 4A	Precast Concrete	Good	None	1	1	1	1	1	4	
111	Main St				3				3	3	Bolted Cover
112	Main St				3				3	3	Bolted Cover
126	Main St				3				3	3	Bolted Cover
148	Route 4				6				3	3	Bolted Cover
110	Main St				3				3	3	Could Not Locate
128	Main St				3				3	3	Could Not Locate
129	Main St				3				3	3	Could Not Locate
133	Route 4				3				3	3	Could Not Locate
135	Route 4				3				3	3	Could Not Locate
206	Union St				3				3	3	Could Not Locate
1361	Route 4				3				3	3	Could Not Locate
140	Baltic St				6				3	3	Could Not Locate
143	Baltic St				6				3	3	Could Not Locate
144	Baltic St				6				3	3	Could Not Locate
114	Main St				3				3	3	Could Not Open
116	Main St				3				3	3	Could Not Open
117	Main St				3				3	3	Could Not Open
137	Baltic St				3				3	3	Could Not Open
138	Baltic St				3				3	3	Could Not Open
1182	Main St				3				3	3	Could Not Open
1262	High St				3				3	3	Could Not Open
2031	Depot St				3				3	3	Could Not Open
145	Baltic St				6				3	3	Could Not Open
147	Baltic St				6				3	3	Could Not Open
109	Main St				3				3	3	Paved Over
207	Union St				3				3	3	Paved Over
209	Union St				3				3	3	Paved Over
210	Union St				3				3	3	Paved Over
1261	High St				3				3	3	Paved Over
107	Main St				3				3	3	Paved Over
2074	Pillsbury St				4			1	1	1	Bolted Cover
2075	Pillsbury St				4			1	1	1	Bolted Cover
6073	Pillsbury St				4			1	1	1	Bolted Cover
705	Route 4A				Non-Metered			1	1	1	Could Not Locate
400	Landing Rd				1			1	1	1	Could Not Locate
410	Chosen Vale Ln				1			1	1	1	Could Not Locate
411	Chosen Vale Ln				1			1	1	1	Could Not Locate
303	Route 4				2			1	1	1	Could Not Locate
3052	May St				2			1	1	1	Could Not Locate
2272	Shaker Hill Rd				4			1	1	1	Could Not Locate
2140	Livingston Lodge Rd				5			1	1	1	Could Not Locate
1011	Main St				Non-Metered			1	1	1	Could Not Open
402	Landing Rd				1			1	1	1	Could Not Open
3031	Main St				2			1	1	1	Could Not Open
3033	Main St				2			1	1	1	Could Not Open
3035	Route 4				2			1	1	1	Could Not Open



Manhole ID	Street	Wall Type	Wall Condition	Wall I/I	I/I Sub-Area	Wall Score	Wall Condition Score	Wall I/I Score	Infiltration Ranking	Total Score	Comments
3037	Route 4				2				1	1	Could Not Open
2073	Shedd St				4				1	1	Could Not Open
2078	Shaker Hill Rd				4				1	1	Could Not Open
2142	Moore St				5				1	1	Could Not Open
2143	Moore St				5				1	1	Could Not Open
602	Turner Pl				1				1	1	Paved Over
306	Maple St				2				1	1	Paved Over
307	Maple St				2				1	1	Paved Over
308	Maple St				2				1	1	Paved Over
309	Maple St				2				1	1	Paved Over
310	Maple St				2				1	1	Paved Over
1337	Route 4				2				1	1	Paved Over
3032	Main St				2				1	1	Paved Over
3036	Route 4				2				1	1	Paved Over
3038	Route 4				2				1	1	Paved Over
3039	Route 4				2				1	1	Paved Over
3138	Flanders St				2				1	1	Paved Over
1271	Shedd St				4				1	1	Paved Over
1273	Shedd St				4				1	1	Paved Over
214	Mill St				5				1	1	Paved Over
215	Mill St				5				1	1	Paved Over
2271	Shaker Hill Rd				4				1	1	Paved Over

Recommendations:

Recommended for Chemical Grout/Cementitious Lining
Recommended for Grouting of Bricks in Riser
Recommended for O&M/Cleaning/Root Treatment
Provide Access for Manhole Inspection

Notes:
1. Manholes with multiple defects/O&M needs should be addressed accordingly.



Upstream Manhole	Downstream Manhole	Length (ft)	Pipe Diameter	Pipe Type	Street Name	I/I Sub-Area	I/I Score	Pipe Type Score	Sonar Score	Normalized Sonar Score	Total Score
128	127	197	8	PVC	Landing Road	1	1	1	0	5	7
130	129	205	8	PVC	Landing Road	1	1	1	0	5	7
3053	3052	360	12	PVC	NH Route 4A	Non-Metered	1	1	0	5	7
124	123	171	8	PVC	Caleb Dwyer Lane	1	1	1	3	4	6
104	103	295	8	PVC	Nancy's Way	1	1	1	6	3	5
1272	1271	253	8	PVC	US Route 4	4	1	1	6	3	5
1701	701	157	8	PVC	Shedd Street	4	1	1	6	3	5
129	128	147	8	PVC	Landing Road	1	1	1	7	2	4
135	134	126	8	PVC	Landing Road	1	1	1	7	2	4
1011	101	328	8	PVC	Wells Street	3	3	1	7	2	6
1012	1011	266	8	PVC	Wells Street	3	3	1	7	2	6
1267	1266	274	8	PVC	McConnell Road	4	1	1	7	2	4
1281	128	66	8	PVC	US Route 4	4	1	1	7	2	4
2076	1272	224	8	PVC	US Route 4	4	1	1	7	2	4
3035	1337	240	8	PVC	US Route 4	6	3	1	7	2	6
3138	3038	233	8	PVC	NH Route 4A	Non-Metered	1	1	7	2	4
4019	404	159	8	DI	NH Route 4A	Non-Metered	1	1	7	2	4
106	105	132	8	PVC	Caleb Dwyer Lane	1	1	1	8	2	4
107	106	208	10	PVC	Chosen Vale Lane	1	1	1	8	2	4
108	107	36	8	PVC	Chosen Vale Lane	1	1	1	8	2	4
115	114	129	8	PVC	US Route 4	1	1	1	8	2	4
119	118	166	8	PVC	NH Route 4A	1	1	1	8	2	4
121	120	428	8	PVC	NH Route 4A	1	1	1	8	2	4
124	123	464	8	PVC	Chosen Vale Lane	1	1	1	8	2	4
126	125	114	8	PVC	Rocky Hill Way	1	1	1	8	2	4
134	133	132	8	PVC	Landing Road	1	1	1	8	2	4
205	204	147	8	PVC	May Street	2	1	1	8	2	4
209	207	186	8	PVC	May Street	2	1	1	8	2	4
211	210	325	8	PVC	May Street	2	1	1	8	2	4
212	211	304	8	PVC	May Street	2	1	1	8	2	4
213	212	145	8	PVC	Brown Street	2	1	1	8	2	4
409	411	55	12	PVC	Main Street	3	3	1	8	2	6
413	414	115	12	PVC	Main Street	3	3	1	8	2	6
504	505	272	8	PVC	Main Street	3	3	1	8	2	6
604	610	180	8	PVC	Shaker Hill Road	3	3	1	8	2	6
605	604	118	8	PVC	US Route 4	3	3	1	8	2	6
610	612	90	8	PVC	Main Street	3	3	1	8	2	6
704	703	143	8	PVC	US Route 4	3	3	1	8	2	6
706	707	82	8	PVC	US Route 4	3	3	1	8	2	6
707	708	405	8	PVC	Flanders Street	3	3	1	8	2	6
708	709	188	8	PVC	US Route 4	3	3	1	8	2	6
1101	101	224	8	PVC	US Route 4	4	1	1	8	2	4
1102	Pump Station	343	8	PVC	US Route 4	4	1	1	8	2	4
1181	118	236	8	PVC	US Route 4	4	1	1	8	2	4
1261	126	208	8	PVC	US Route 4	4	1	1	8	2	4
1262	1261	361	8	PVC	US Route 4	4	1	1	8	2	4
1271	2073	165	8	PVC	US Route 4	4	1	1	8	2	4
1273	2077	197	8	PVC	US Route 4	4	1	1	8	2	4
2074	6073	59	8	PVC	Shaker Hill Road	4	1	1	8	2	4
2078	2277	187	8	PVC	US Route 4	4	1	1	8	2	4
3036	3035	174	8	PVC	US Route 4	6	3	1	8	2	6
3037	303	196	8	PVC	US Route 4	6	3	1	8	2	6
3238	3138	150	8	DI	NH Route 4A	Non-Metered	1	1	8	2	4
4040	4019	99	8	DI	NH Route 4A	Non-Metered	1	1	8	2	4
4408	1409	57	8	PVC	NH Route 4A	Non-Metered	1	1	8	2	4
6061	Pump Station	115	8	PVC	Pine Drive	Non-Metered	1	1	8	2	4
102	1101	81	8	PVC	Landing Road	1		1	9	1	2
103	102	127	8	PVC	Landing Road	1		1	9	1	2
105	104	150	8	PVC	Nancy's Way	1	1	1	9	1	3
118	117	196	8	PVC	NH Route 4A	1	1	1	9	1	3
118	117	238	8	PVC	NH Route 4A	1	1	1	9	1	3
120	119	148	8	PVC	Rocky Hill Way	1	1	1	9	1	3
122	121	85	8	PVC	NH Route 4A	1	1	1	9	1	3



Upstream Manhole	Downstream Manhole	Length (ft)	Pipe Diameter	Pipe Type	Street Name	I/I Sub-Area	I/I Score	Pipe Type Score	Sonar Score	Normalized Sonar Score	Total Score
125	124	126	10	PVC	Butternut Place	1	1	1	9	1	3
127	126	149	8	PVC	Rocky Hill Way	1	1	1	9	1	3
131	130	148	8	PVC	Landing Road	1	1	1	9	1	3
132	131	96	10	PVC	Simple Gift Lane	1	1	1	9	1	3
133	132	241	10	PVC	Simple Gift Lane	1	1	1	9	1	3
138	137	258	8	PVC	Maple Street	2	1	1	9	1	3
210	209	144	8	PVC	May Street	2	1	1	9	1	3
214	2140	347	8	PVC	Brown Street	2	1	1	9	1	3
302	301	74	16	DI	Main Street	3	3	1	9	1	5
303	302	54	16	DI	Main Street	3	3	1	9	1	5
410	413	275	12	PVC	Main Street	3	3	1	9	1	5
411	412	128	12	PVC	Main Street	3	3	1	9	1	5
412	410	168	12	PVC	Main Street	3	3	1	9	1	5
416	417	102	12	DI	Main Street	3	3	1	9	1	5
505	506	146	8	PVC	Main Street	3	3	1	9	1	5
515	509	90	12	PVC	Depot Street	3	3	1	9	1	5
517	516	133	12	DI	Depot Street	3	3	1	9	1	5
603	604	195	8	PVC	Shaker Hill Road	3	3	1	9	1	5
705	704	119	8	PVC	US Route 4	3	3	1	9	1	5
1182	1181	214	8	PVC	US Route 4	4	1	1	9	1	3
1263	1262	226	10	PVC	US Route 4	4	1	1	9	1	3
1264	1263	167	10	PVC	US Route 4	4	1	1	9	1	3
1265	1264	292	10	PVC	US Route 4	4	1	1	9	1	3
1266	1265	141	12	PVC	McConnell Road	4	1	1	9	1	3
1337	3039	280	8	PVC	Shaker Hill Road	4	1	1	9	1	3
1606	605	166	8	PVC	Shedd Street	4	1	1	9	1	3
2031	203	170	12	DI	Union Street	4	1	1	9	1	3
2075	2074	60	8	PVC	Shaker Hill Road	4	1	1	9	1	3
2131	213	311	8	PVC	Stevens Street	5	1	1	9	1	3
2132	2131	276	8	PVC	Stevens Street	5	1	1	9	1	3
2133	2132	115	8	PVC	Stevens Street	5	1	1	9	1	3
2145	2144	200	8	PVC	Lake Street	5	1	1	9	1	3
3039	3038	41	16	DI	Main Street	Non-Metered	1	1	9	1	3
3052	3051	263	12	PVC	NH Route 4A	Non-Metered	1	1	9	1	3
3056	3055	268	12	DI	NH Route 4A	Non-Metered	1	1	9	1	3
3057	3056	268	12	DI	NH Route 4A	Non-Metered	1	1	9	1	3
3058	3056	370	12	DI	NH Route 4A	Non-Metered	1	1	9	1	3
4021	4020	203	8	DI	NH Route 4A	Non-Metered	1	1	9	1	3
4407	4408	301	8	PVC	NH Route 4A	Non-Metered	1	1	9	1	3
6060	6061	323	8	PVC	Bridge Street	Non-Metered	1	1	9	1	3
6073	2173	264	16	DI	Main Street	Non-Metered	1	1	9	1	3
6500	5500	82	12	DI	NH Route 4A	Non-Metered	1	1	9	1	3
N/A	138	165	8	PVC	NH Route 4A	Non-Metered	1	1	9	1	3
113	112	188	12	PVC	NH Route 4A	1	1	1	10	1	3
114	113	172	12	PVC	NH Route 4A	1	1	1	10	1	3
304	303	134	16	DI	Main Street	3	3	1	10	1	5
305	304	198	16	DI	Main Street	3	3	1	10	1	5
516	515	182	12	PVC	Depot Street	3	3	1	10	1	5
518	517	193	12	DI	Depot Street	3	3	1	10	1	5
2271	1270	296	8	PVC	Baltic Street	6	3	1	10	1	5
3051	305	41	16	DI	Main Street	Non-Metered	1	1	10	1	3
3055	3054	121	12	DI	NH Route 4A	Non-Metered	1	1	10	1	3
101	1102	144	8	PVC	Baltic Street	1		1	N/A		1
109	108	101	12	PVC	Chosen Vale Lane	1	1	1	N/A		2
110	109	170	12	PVC	NH Route 4A	1	1	1	N/A		2
111	110	195	12	PVC	Chosen Vale Lane	1	1	1	N/A		2
112	111	83	12	PVC	Chosen Vale Lane	1	1	1	N/A		2
116	115	127	8	PVC	Turner Place	1	1	1	N/A		2
117	116	148	8	PVC	Turner Place	1	1	1	N/A		2
123	122	98	8	PVC	US Route 4	1	1	1	N/A		2
136	135	18	8	PVC	Landing Road	1	1	1	N/A		2
137	136	353	8	PVC	Maple Street	2	1	1	N/A		2
139	138	287	8	PVC	Maple Street	2	1	1	N/A		2



Upstream Manhole	Downstream Manhole	Length (ft)	Pipe Diameter	Pipe Type	Street Name	I/I Sub-Area	I/I Score	Pipe Type Score	Sonar Score	Normalized Sonar Score	Total Score
140	139	136	8	PVC	Maple Street	2	1	1	N/A		2
141	140	282	8	PVC	Maple Street	2	1	1	N/A		2
142	141	311	8	PVC	Maple Street	2	1	1	N/A		2
143	142	308	8	PVC	Maple Street	2	1	1	N/A		2
144	143	378	8	PVC	Landing Road	2	1	1	N/A		2
145	144	111	8	PVC	Main Street	2	1	1	N/A		2
146	145	114	8	PVC	Main Street	2	1	1	N/A		2
147	146	180	8	PVC	Main Street	2	1	1	N/A		2
148	147	299	8	PVC	Main Street	2	1	1	N/A		2
149	148	174	8	PVC	Main Street	2	1	1	N/A		2
201	130	221	8	PVC	US Route 4	2	1	1	N/A		2
201	130	120	8	PVC	US Route 4	2	1	1	N/A		2
202	201	134	8	PVC	US Route 4	2	1	1	N/A		2
203	202	237	8	PVC	US Route 4	2	1	1	N/A		2
204	203	92	8	PVC	US Route 4	2	1	1	N/A		2
206	205	72	8	PVC	May Street	2	1	1	N/A		2
207	206	50	8	PVC	May Street	2	1	1	N/A		2
215	214	314	8	PVC	Flanders Street	2	1	1	N/A		2
301	135	226	8	PVC	Flanders Street	2	1	1	N/A		2
306	305	233	15	PVC	Main Street	3	3	1	N/A		4
307	306	298	15	PVC	Main Street	3	3	1	N/A		4
308	307	319	15	PVC	Main Street	3	3	1	N/A		4
309	308	47	15	PVC	Main Street	3	3	1	N/A		4
310	309	151	15	PVC	Main Street	3	3	1	N/A		4
400	403	103	15	PVC	Main Street	3	3	1	N/A		4
402	4040	213	15	PVC	Main Street	3	3	1	N/A		4
403	6060	368	15	PVC	Main Street	3	3	1	N/A		4
404	405	283	15	PVC	Main Street	3	3	1	N/A		4
405	1405	93	15	PVC	Main Street	3	3	1	N/A		4
406	1406	43	15	PVC	Main Street	3	3	1	N/A		4
417	Pump Station	134	12	DI	Main Street	3	3	1	N/A		4
500	501	157	12	DI	Main Street	3	3	1	N/A		4
501	502	110	12	DI	Main Street	3	3	1	N/A		4
502	503	98	12	DI	Main Street	3	3	1	N/A		4
503	504	165	12	DI	Main Street	3	3	1	N/A		4
506	507	134	8	PVC	US Route 4	3	3	1	N/A		4
507	508	154	8	PVC	US Route 4	3	3	1	N/A		4
508	509	106	8	PVC	US Route 4	3	3	1	N/A		4
509	512	162	8	PVC	US Route 4	3	3	1	N/A		4
510	511	114	8	PVC	US Route 4	3	3	1	N/A		4
511	512	213	8	PVC	Baltic Street	3	3	1	N/A		4
512	513	181	8	PVC	Baltic Street	3	3	1	N/A		4
520	521	135	12	PVC	Union Street	3	3	1	N/A		4
521	523	113	12	PVC	Union Street	3	3	1	N/A		4
523	1471	300	8	PVC	Union Street	3	3	1	N/A		4
601	602	200	8	PVC	Union Street	3	3	1	N/A		4
602	603	275	8	PVC	Union Street	3	3	1	N/A		4
606	1606	147	8	PVC	US Route 4	3	3	1	N/A		4
609	612	33	16	DI	Main Street	3	3	1	N/A		4
612	Pump Station	291	8	PVC	Main Street	3	3	1	N/A		4
701	700	88	8	PVC	High Street	3	3	1	N/A		4
702	1701	155	8	PVC	High Street	3	3	1	N/A		4
703	702	291	8	PVC	High Street	3	3	1	N/A		4
709	Pump Station	297	8	PVC	Shedd Street	3	3	1	N/A		4
711	709	117	8	PVC	US Route 4	3	3	1	N/A		4
712	711	102	12	PVC	Union Street	3	3	1	N/A		4
714	712	179	8	PVC	Depot Street	3	3	1	N/A		4
715	1715	224	8	PVC	Depot Street	3	3	1	N/A		4
1013	1012	970	8	PVC	US Route 4	3	3	1	N/A		4
1014	1012	44	12	DI	NH Route 4A	4	1	1	N/A		2
1268	1266	280	8	PVC	McConnell Road	4	1	1	N/A		2
1269	1268	10	12	PVC	McConnell Road	4	1	1	N/A		2
1270	2279	33	12	PVC	McConnell Road	4	1	1	N/A		2



Upstream Manhole	Downstream Manhole	Length (ft)	Pipe Diameter	Pipe Type	Street Name	I/I Sub-Area	I/I Score	Pipe Type Score	Sonar Score	Normalized Sonar Score	Total Score
1361	136	75	8	PVC	Shedd Street	4	1	1	N/A		2
1405	406	115	8	PVC	Shedd Street	4	1	1	N/A		2
1406	407	30	8	DI	Shedd Street	4	1	1	N/A		2
1409	409	112	8	PVC	Shedd Street	4	1	1	N/A		2
1471	147	390	8	PVC	Pillsbury Street	4	1	1	N/A		2
1605	605	345	8	PVC	Pillsbury Street	4	1	1	N/A		2
1715	714	184	8	PVC	Shaker Hill Road	4	1	1	N/A		2
2017	207	291	8	PVC	Shedd Street	4	1	1	N/A		2
2032	2031	63	8	PVC	Shaker Hill Road	4	1	1	N/A		2
2072	2173	79	8	PVC	Shaker Hill Road	4	1	1	N/A		2
2073	2173	101	8	PVC	Pillsbury Street	4	1	1	N/A		2
2077	2076	104	8	DI	Pillsbury Street	4	1	1	N/A		2
2079	1273	225	8	PVC	Livingston Lodge Road	5	1	1	N/A		2
2111	211	237	8	PVC	Livingston Lodge Road	5	1	1	N/A		2
2112	2111	310	8	PVC	US Route 4	5	1	1	N/A		2
2140	213	263	8	PVC	Livingston Lodge Road	5	1	1	N/A		2
2141	214	73	8	PVC	Moore Street	5	1	1	N/A		2
2142	2141	222	8	PVC	Moore Street	5	1	1	N/A		2
2143	2142	103	8	PVC	Moore Street	5	1	1	N/A		2
2144	2143	217	8	PVC	Dartmouth Street	5	1	1	N/A		2
2173	2071	180	8	PVC	Baltic Street	6	3	1	N/A		4
2272	2271	266	8	PVC	Baltic Street	6	3	1	N/A		4
2276	2075	404	8	PVC	Baltic Street	6	3	1	N/A		4
2277	2276	239	8	PVC	Baltic Street	6	3	1	N/A		4
2279	2276	211	8	PVC	Baltic Street	6	3	1	N/A		4
3031	303	158	8	PVC	Baltic Street	6	3	1	N/A		4
3032	3031	53	8	PVC	US Route 4	6	3	1	N/A		4
3033	3032	131	8	PVC	US Route 4	6	3	1	N/A		4
3038	3037	170	8	PVC	US Route 4	6	3	1	N/A		4
3054	3053	69	8	PVC	NH Route 4A	Non-Metered	1	1	N/A		2
3059	3058	214	12	DI	NH Route 4A	Non-Metered	1	1	N/A		2
4020	4040	34	8	DI	NH Route 4A	Non-Metered	1	1	N/A		2
5050	402	160	8	PVC	Main Street	Non-Metered	1	1	N/A		2
5500	500	289	8	PVC	Bridge Street	Non-Metered	1	1	N/A		2
407	4407	202	6	DI	Main Street	3	3	1	N/A - Siphon		4
408	407	202	6	DI	Main Street	3	3	1	N/A - Siphon		4
414	415	166	6	DI	Main Street	3	3	1	N/A - Siphon		4
415	416	163	6	DI	Main Street	3	3	1	N/A - Siphon		4
513	Pump Station	161	6	DI	Depot Street	3	3	1	N/A - Siphon		4
3034	3033	159	6	DI	Depot Street	6	3	1	N/A - Siphon		4

Recommendations:

Recommended for CCTV Inspection
Provide Access/Locate for Sonar and CCTV Inspection