



Remedial Measure Description	Quantity	Remediation Plan	Quantity	T total Estimate
Access; Clean and Inspection (l.f.)	22,933	\$ 271,280	22,933	\$ 271,280
Monitor in CMOM (l.f.)		\$ -		\$ -
Pipe Burst or Replace (l.f.)	24,604	\$ 2,811,731	24,604	\$ 2,811,731
Point Repair (ea.)		\$ 2,707,250		\$ 2,707,250
Replace Mainline (l.f.)	816	\$ 163,200	816	\$ 163,200
Cured In Place Pipe Liner (l.f.)	1,595	\$ 126,125	1,595	\$ 126,125
High Frequency Cleaning Program		CMOM Program	4,569	\$ -
Root Removal Program		CMOM Program	16,688	\$ -
Total Remedial Measures		\$ 6,079,586		\$ 6,079,586
Deferred for Capacity Analysis		\$ 145,200		
Group 2 Remedial Measures		\$ 5,934,386		



Remedial Measure Description	Quantity	Remediation Plan
Access; Clean and Inspection (I.f.)	22,933	\$ 271,280
Pipe Burst or Replace (I.f.)	24,604	\$ 2,811,731
Point Repair (ea.)	570	\$ 2,707,250
Replace Mainline (I.f.)	816	\$ 163,200
Cured In Place Pipe Liner (I.f.)	1,595	\$ 126,125
Total Remedial Measures		\$ 6,079,586
Deferred for Capacity Analysis		\$ 145,200
Group 2 Mainline Remedial Measures		\$ 5,934,386

Group 2 - Mainline Condition Remedial Measures Summary - Basin 13

Item	Basin	Pipe Segment	Rating	City Pipe Asset ID	Upstream Manhole	Downstream Manhole	Pipe Length	Pipe Diameter	Preliminary Rehabilitation Recommendation	Repair Cost	Recommended	Remediation Plan
1	13	New EOLS-SSMHT0002735	D	SS.GM.T0005174	New EOLS	SSMHT0002735	123	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
2	13	SSMHT0000390-SSMHT0004610	D	SS.GM.T0001160	SSMHT0000390	SSMHT0004610	131	6	Point Repairs at 85 and 98 ft from 00390	\$ 9,500	\$ 9,500	Point Repair
3	13	SSMHT0000391-SSMHT0000759	B	SS.GM.T0006524	SSMHT0000391	SSMHT0000759	63	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
4	13	SSMHT0000403-SSMHT0003312	D	SS.GM.T0009142	SSMHT0000403	SSMHT0003312	312	6	Burst to 8" - 3 svc	\$ 31,770	\$ 31,770	Pipe Burst or Replace
5	13	SSMHT0000404-SSMHT0004898	B	SS.GM.T0006119	SSMHT0000404	SSMHT0004898	340	15	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
6	13	SSMHT0000405-SSMHT0005020	B	SS.GM.T0006142	SSMHT0000405	SSMHT0005020	123	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
7	13	SSMHT0000664-SSMHT0003076	D	SS.GM.T0006356	SSMHT0000664	SSMHT0003076	182	6	Point Repair at 27.2 ft from 00664	\$ 4,750	\$ 4,750	Point Repair
8	13	SSMHT0000673-SSMHT0004433	C	SS.GM.T0008094	SSMHT0000673	SSMHT0004433	202	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
9	13	SSMHT0000674-SSMHT0004434	C	SS.GM.T0005155	SSMHT0000674	SSMHT0004434	347	6	Point Repair at 166 & 371 ft from 00674	\$ -	\$ -	Monitor in CMOM
10	13	SSMHT0000758-SSMHT0004546	D	SS.GM.T0003870	SSMHT0000758	SSMHT0004546	943	8	Point Repair at 726 ft from 00758	\$ 4,750	\$ 4,750	Point Repair
11	13	SSMHT0000759-SSMHT0000758	C	SS.GM.T0006525	SSMHT0000759	SSMHT0000758	187	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
12	13	SSMHT0000760-SSMHT0000391	B	SS.GM.T0008427	SSMHT0000760	SSMHT0000391	302	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
13	13	SSMHT0000761-SSMHT0004549	C	SS.GM.T0003944	SSMHT0000761	SSMHT0004549	466	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
14	13	SSMHT0000762-SSMHT0001793	D	SS.GM.T0006518	SSMHT0000762	SSMHT0001793	371	6	Point Repair at 65 ft from 00762	\$ 4,750	\$ 4,750	Point Repair
15	13	SSMHT0000763-SSMHT0001794	D	SS.GM.T0006517	SSMHT0000763	SSMHT0001794	583	6	Access; Clean and Inspection	\$ 6,030	\$ 6,030	Access; Clean and Inspection
16	13	SSMHT0000772-SSMHT0004563	D	SS.GM.T0006507	SSMHT0000772	SSMHT0004563	456	8	Access; Clean and Inspection	\$ 4,761	\$ 4,761	Access; Clean and Inspection
17	13	SSMHT0000773-SSMHT0004565	D	SS.GM.T0006512	SSMHT0000773	SSMHT0004565	343	6	Point Repairs at 126 & 209 ft from 04565	\$ 9,500	\$ 9,500	Point Repair
18	13	SSMHT0000774-SSMHT0004566	D	SS.GM.T0006510	SSMHT0000774	SSMHT0004566	388	6	Point Repair at 160 ft from 04566	\$ 4,750	\$ 4,750	Point Repair
19	13	SSMHT0000777-SSMHT0005046	C	SS.GM.T0008313	SSMHT0000777	SSMHT0005046	350	12	Sectional liner 175 to 185 ft from 0777	\$ -	\$ -	Monitor in CMOM
20	13	SSMHT0000779-SSMHT0004938	B	SS.GM.T0006028	SSMHT0000779	SSMHT0004938	546	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
21	13	SSMHT0000780-SSMHT0013319	B	SS.GM.T0005063	SSMHT0000780	SSMHT0013319	110	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
22	13	SSMHT0000781-SSMHT0000782	B	SS.GM.T0009388	SSMHT0000781	SSMHT0000782	85	8	Assign to high frequency cleaning - tuberculation	\$ 128	\$ -	Add to High Frequency Cleaning in CMOM
23	13	SSMHT0000783-SSMHT0004986	C	SS.GM.T0009386	SSMHT0000783	SSMHT0004986	128	8	Point Repairs at 8 and 139 ft from 00783	\$ -	\$ -	Monitor in CMOM
24	13	SSMHT0000784-SSMHT0004990	C	SS.GM.T0006472	SSMHT0000784	SSMHT0004990	366	6	Add to Root Removal Schedule	\$ 641	\$ -	Add to Root Removal Program in CMOM
25	13	SSMHT0000786-SSMHT0005006	D	SS.GM.T0004489	SSMHT0000786	SSMHT0005006	642	6	Point Repair at 392 ft from 00786	\$ 4,750	\$ 4,750	Point Repair
26	13	SSMHT0000787-SSMHT0004618	C	SS.GM.T0008454	SSMHT0000787	SSMHT0004618	435	6	Point Repair at 185 ft from 04618	\$ -	\$ -	Monitor in CMOM
27	13	SSMHT0000788-SSMHT0005077	B	SS.GM.T0009394	SSMHT0000788	SSMHT0005077	6	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
28	13	SSMHT0000857-SSMHT0005993	B	SS.GM.T0009838	SSMHT0000857	SSMHT0005993	538	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
29	13	SSMHT0000858-SSMHT0000857	C	SS.GM.T0009889	SSMHT0000858	SSMHT0000857	372	6	Point Repair at 10 ft from 00858	\$ -	\$ -	Monitor in CMOM
30	13	SSMHT0000859-SSMHT0000860	C	SS.GM.T0009835	SSMHT0000859	SSMHT0000860	58	6	Point Repair at 58 ft from 00859	\$ -	\$ -	Monitor in CMOM
31	13	SSMHT0000860-SSMHT0000858	B	SS.GM.T0009834	SSMHT0000860	SSMHT0000858	400	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
32	13	SSMHT0000861-SSMHT0000859	B	SS.GM.T0009836	SSMHT0000861	SSMHT0000859	316	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
33	13	SSMHT0001023-SSMHT0004429	B	SS.GM.T0004979	SSMHT0001023	SSMHT0004429	373	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
34	13	SSMHT0001025-SSMHT0005620	C	SS.GM.T0007903	SSMHT0001025	SSMHT0005620	305	6	Point Repairs at 36 and 128 ft. from 05620	\$ -	\$ -	Monitor in CMOM
35	13	SSMHT0001027-SSMHT0005658	C	SS.GM.T0004523	SSMHT0001027	SSMHT0005658	400	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
36	13	SSMHT0001135-SSMHT0013174	B	SS.GM.T0008315	SSMHT0001135	SSMHT0013174	125	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
37	13	SSMHT0001136-SSMHT0004421	D	SS.GM.T0005389	SSMHT0001136	SSMHT0004421	354	6	Point Repair at 90, 175 & 334 ft from 01136	\$ 14,250	\$ 14,250	Point Repair
38	13	SSMHT0001139-SSMHT0002309	B	SS.GM.T0008087	SSMHT0001139	SSMHT0002309	17	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
39	13	SSMHT0001140-SSMHT0001139	B	SS.GM.T0003884	SSMHT0001140	SSMHT0001139	46	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
40	13	SSMHT0001141-SSMHT0002970	B	SS.GM.T0005303	SSMHT0001141	SSMHT0002970	37	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
41	13	SSMHT0001142-SSMHT0001145	B	SS.GM.T0005141	SSMHT0001142	SSMHT0001145	233	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
42	13	SSMHT0001143-SSMHT0002972	D	SS.GM.T0007025	SSMHT0001143	SSMHT0002972	166	6	Point Repair at 88 ft from 01143	\$ 4,750	\$ 4,750	Point Repair
43	13	SSMHT0001144-SSMHT0001143	B	SS.GM.T0005143	SSMHT0001144	SSMHT0001143	164	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
44	13	SSMHT0001145-SSMHT0004540	D	SS.GM.T0008321	SSMHT0001145	SSMHT0004540	685	10	Burst to 12" - 4 svc	\$ 78,925	\$ 78,925	Pipe Burst or Replace
45	13	SSMHT0001146-SSMHT0001147	C	SS.GM.T0008090	SSMHT0001146	SSMHT0001147	287	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
46	13	SSMHT0001147-SSMHT0004417	D	SS.GM.T0005145	SSMHT0001147	SSMHT0004417	314	6	Point Repair at 308 ft from 01147	\$ 4,750	\$ 4,750	Point Repair
47	13	SSMHT0001149-SSMHT0001150	C	SS.GM.T0005152	SSMHT0001149	SSMHT0001150	164	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
48	13	SSMHT0001150-SSMHT0004440	D	SS.GM.T0003864	SSMHT0001150	SSMHT0004440	428	6	Point Repair at 47 and 477 ft from 01150	\$ 9,500	\$ 9,500	Point Repair
49	13	SSMHT0001151-SSMHT0001150	C	SS.GM.T0008096	SSMHT0001151	SSMHT0001150	68	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
50	13	SSMHT0001260-SSMHT0004626	B	SS.GM.T0005790	SSMHT0001260	SSMHT0004626	9	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
51	13	SSMHT0001789-SSMHT0001792	B	SS.GM.T0005581	SSMHT0001789	SSMHT0001792	462	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
52	13	SSMHT0001790-SSMHT0001789	D	SS.GM.T0005582	SSMHT0001790	SSMHT0001789	742	6	Point Repairs at 153, 376, 561 & 641 ft from 01790	\$ 19,000	\$ 19,000	Point Repair
53	13	SSMHT0001791-SSMHT0001795	C	SS.GM.T0008001	SSMHT0001791	SSMHT0001795	487	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
54	13	SSMHT0001792-SSMHT0001791	C	SS.GM.T0007496	SSMHT0001792	SSMHT0001791	229	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
55	13	SSMHT0001793-SSMHT0001794	B	SS.GM.T0006373	SSMHT0001793	SSMHT0001794	410	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
56	13	SSMHT0001794-SSMHT0001797	C	SS.GM.T0006372	SSMHT0001794	SSMHT0001797	380	6	Point Repair at 64 ft from 01797	\$ -	\$ -	Monitor in CMOM
57	13	SSMHT0001796-SSMHT0001795	C	SS.GM.T0005580	SSMHT0001796	SSMHT0001795	183	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
58	13	SSMHT0001797-SSMHT0001798	B	SS.GM.T0007495	SSMHT0001797	SSMHT0001798	168	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
59	13	SSMHT0001798-SSMHT0003065	C	SS.GM.T0008238	SSMHT0001798	SSMHT0003065	378	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM



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Point Repair (ea.)	570	\$ 2,707,250
Replace Mainline (I.f.)	816	\$ 163,200
Cured In Place Pipe Liner (I.f.)	1,595	\$ 126,125
Total Remedial Measures		\$ 6,079,586
Deferred for Capacity Analysis		\$ 145,200
Group 2 Mainline Remedial Measures		\$ 5,934,386

Group 2 - Mainline Condition Remedial Measures Summary - Basin 13

Item	Basin	Pipe Segment	Rating	City Pipe Asset ID	Upstream Manhole	Downstream Manhole	Pipe Length	Pipe Diameter	Preliminary Rehabilitation Recommendation	Repair Cost	Recommended	Remediation Plan
60	13	SSMHT0002039-SSMHT0012793	C	SS.GM.T0007966	SSMHT0002039	SSMHT0012793	52	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
61	13	SSMHT0002297-SSMHT0002300	E	SS.GM.T0005311	SSMHT0002297	SSMHT0002300	489	6	Point Repair at 250 ft from 02300	\$ 4,750	\$ 4,750	Point Repair
62	13	SSMHT0002298-SSMHT0002301	C	SS.GM.T0001649	SSMHT0002298	SSMHT0002301	297	6	Point Repair at 23 ft from 02298	\$ -	\$ -	Monitor in CMOM
63	13	SSMHT0002298-SSMHT0003064	D	SS.GM.T0005507	SSMHT0002298	SSMHT0003064	487	6	Burst to 8" - 5 svc	\$ 50,145	\$ 50,145	Pipe Burst or Replace
64	13	SSMHT0002299-SSMHT0002302	D	SS.GM.T0007867	SSMHT0002299	SSMHT0002302	495	6	Point Repair at 185, 464 & 558 ft from 02299	\$ 14,250	\$ 14,250	Point Repair
65	13	SSMHT0002300-SSMHT0002301	B	SS.GM.T0005304	SSMHT0002300	SSMHT0002301	43	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
66	13	SSMHT0002301-SSMHT0002302	B	SS.GM.T0005300	SSMHT0002301	SSMHT0002302	325	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
67	13	SSMHT0002302-SSMHT0002304	B	SS.GM.T0005301	SSMHT0002302	SSMHT0002304	226	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
68	13	SSMHT0002303-SSMHT0004567	C	SS.GM.T0006364	SSMHT0002303	SSMHT0004567	243	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
69	13	SSMHT0002304-SSMHT0001141	B	SS.GM.T0005302	SSMHT0002304	SSMHT0001141	221	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
70	13	SSMHT0002305-SSMHT0003082	B	SS.GM.T0007868	SSMHT0002305	SSMHT0003082	357	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
71	13	SSMHT0002306-SSMHT0002307	C	SS.GM.T0007872	SSMHT0002306	SSMHT0002307	245	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
72	13	SSMHT0002307-SSMHT0002309	C	SS.GM.T0013230	SSMHT0002307	SSMHT0002309	85	6	Assign to high frequency cleaning - tuberculation	\$ 128	\$ -	Add to High Frequency Cleaning in CMOM
73	13	SSMHT0002308-SSMHT0001140	B	SS.GM.T0008128	SSMHT0002308	SSMHT0001140	155	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
74	13	SSMHT0002309-SSMHT0002726	D	SS.GM.T0006873	SSMHT0002309	SSMHT0002726	417	12	Point Repair at 67 ft from 02309	\$ 4,750	\$ 4,750	Point Repair
75	13	SSMHT0002350-SSMHT0002782	D	SS.GM.T0008420	SSMHT0002350	SSMHT0002782	102	6	Burst to 8" - 1 svc	\$ 10,420	\$ 10,420	Pipe Burst or Replace
76	13	SSMHT0002351-SSMHT0002352	B	SS.GM.T0004446	SSMHT0002351	SSMHT0002352	132	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
77	13	SSMHT0002352-SSMHT0002784	D	SS.GM.T0004445	SSMHT0002352	SSMHT0002784	563	6	Point Repair at 419 and 508 ft from 02352	\$ 9,500	\$ 9,500	Point Repair
78	13	SSMHT0002577-SSMHT0003067	C	SS.GM.T0005899	SSMHT0002577	SSMHT0003067	257	6	Point Repair at 120 ft from 02577	\$ -	\$ -	Monitor in CMOM
79	13	SSMHT0002577-SSMHT0001798	B	SS.GM.T0007494	SSMHT0002577	SSMHT0001798	267	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
80	13	SSMHT0002581-SSMHT0002577	B	SS.GM.T0006369	SSMHT0002581	SSMHT0002577	322	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
81	13	SSMHT0002582-SSMHT0002581	B	SS.GM.T0006368	SSMHT0002582	SSMHT0002581	187	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
82	13	SSMHT0002688-SSMHT0002701	B	SS.GM.T0004681	SSMHT0002688	SSMHT0002701	197	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
83	13	SSMHT0002689-SSMHT0002688	B	SS.GM.T0004689	SSMHT0002689	SSMHT0002688	756	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
84	13	SSMHT0002690-SSMHT0002691	C	SS.GM.T0004691	SSMHT0002690	SSMHT0002691	409	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
85	13	SSMHT0002691-SSMHT0002692	C	SS.GM.T0007051	SSMHT0002691	SSMHT0002692	219	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
86	13	SSMHT0002692-SSMHT0002694	B	SS.GM.T0007700	SSMHT0002692	SSMHT0002694	482	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
87	13	SSMHT0002693-SSMHT0002694	C	SS.GM.T0004690	SSMHT0002693	SSMHT0002694	474	8	Point Repair at 101 ft from 02693	\$ -	\$ -	Monitor in CMOM
88	13	SSMHT0002694-SSMHT0002689	C	SS.GM.T0007701	SSMHT0002694	SSMHT0002689	372	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
89	13	SSMHT0002695-SSMHT0004401	B	SS.GM.T0004682	SSMHT0002695	SSMHT0004401	183	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
90	13	SSMHT0002696-SSMHT0000861	B	SS.GM.T0004683	SSMHT0002696	SSMHT0000861	349	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
91	13	SSMHT0002697-SSMHT0002699	C	SS.GM.T0007882	SSMHT0002697	SSMHT0002699	424	6	Point Repair at 243 ft from 02697	\$ -	\$ -	Monitor in CMOM
92	13	SSMHT0002698-SSMHT0002700	B	SS.GM.T0004687	SSMHT0002698	SSMHT0002700	381	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
93	13	SSMHT0002699-SSMHT0002696	C	SS.GM.T0007050	SSMHT0002699	SSMHT0002696	448	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
94	13	SSMHT0002700-SSMHT0000861	B	SS.GM.T0004686	SSMHT0002700	SSMHT0000861	459	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
95	13	SSMHT0002701-SSMHT0002702	B	SS.GM.T0004680	SSMHT0002701	SSMHT0002702	282	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
96	13	SSMHT0002702-SSMHT0004423	C	SS.GM.T0004984	SSMHT0002702	SSMHT0004431	171	8	Point Repair at 64 ft from 04423	\$ -	\$ -	Monitor in CMOM
97	13	SSMHT0002703-SSMHT0005641	B	SS.GM.T0007702	SSMHT0002703	SSMHT0005641	135	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
98	13	SSMHT0002725-SSMHT0002726	C	SS.GM.T0006354	SSMHT0002725	SSMHT0002726	184	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
99	13	SSMHT0002726-SSMHT0002731	B	SS.GM.T0008088	SSMHT0002726	SSMHT0002731	482	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
100	13	SSMHT0002727-SSMHT0002726	C	SS.GM.T0005172	SSMHT0002727	SSMHT0002726	316	6	Point Repair at 220 & 359 ft from 13035	\$ -	\$ -	Monitor in CMOM
101	13	SSMHT0002731-SSMHT0003109	C	SS.GM.T0007031	SSMHT0002731	SSMHT0003109	280	12	Add to Root Removal Schedule	\$ 490	\$ -	Add to Root Removal Program in CMOM
102	13	SSMHT0002732-SSMHT0002731	C	SS.GM.T0008233	SSMHT0002732	SSMHT0002731	231	6	Point Repairs at 13 5 ft from 02733	\$ -	\$ -	Monitor in CMOM
103	13	SSMHT0002733-SSMHT0002732	D	SS.GM.T0007876	SSMHT0002733	SSMHT0002732	225	6	Burst to 8" - 6 svc	\$ 29,625	\$ 29,625	Pipe Burst or Replace
104	13	SSMHT0002734-SSMHT0002733	C	SS.GM.T0007030	SSMHT0002734	SSMHT0002733	540	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
105	13	SSMHT0002736-SSMHT0003109	C	SS.GM.T0005169	SSMHT0002736	SSMHT0003109	270	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
106	13	SSMHT0002737-SSMHT0004533	C	SS.GM.T0005171	SSMHT0002737	SSMHT0004533	130	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
107	13	SSMHT0002775-SSMHT0004515	B	SS.GM.T0007009	SSMHT0002775	SSMHT0004515	423	30	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
108	13	SSMHT0002776-SSMHT0004510	B	SS.GM.T0007406	SSMHT0002776	SSMHT0004510	270	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
109	13	SSMHT0002781-SSMHT0002350	D	SS.GM.T0008225	SSMHT0002781	SSMHT0002350	264	6	Point Repairs at 30, 79.4, 98.7 and 195 ft from 02781	\$ 19,000	\$ 19,000	Point Repair
110	13	SSMHT0002783-SSMHT0002784	B	SS.GM.T0004143	SSMHT0002783	SSMHT0002784	106	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
111	13	SSMHT0002784-SSMHT0013167	B	SS.GM.T0013335	SSMHT0002784	SSMHT0013167	67	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
112	13	SSMHT0002786-SSMHT0002791	B	SS.GM.T0008230	SSMHT0002786	SSMHT0002791	284	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
113	13	SSMHT0002787-SSMHT0002786	C	SS.GM.T0008226	SSMHT0002787	SSMHT0002786	294	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
114	13	SSMHT0002788-SSMHT0002793	C	SS.GM.T0008422	SSMHT0002788	SSMHT0002793	164	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
115	13	SSMHT0002789-SSMHT0002788	C	SS.GM.T0008227	SSMHT0002789	SSMHT0002788	300	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
116	13	SSMHT0002792-SSMHT0004463	D	SS.GM.T0004166	SSMHT0002792	SSMHT0004463	465	30	CIPP - 0 svc	\$ 34,875	\$ 34,875	Cured In Place Pipe Liner
117	13	SSMHT0002793-SSMHT0002792	C	SS.GM.T0004167	SSMHT0002793	SSMHT0002792	449	36	Assign to high frequency cleaning - tuberculation	\$ 674	\$ -	Add to High Frequency Cleaning in CMOM
118	13	SSMHT0002970-SSMHT0002308	B	SS.GM.T0008336	SSMHT0002970	SSMHT0002308	89	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM



Remedial Measure Description	Quantity	Remediation Plan
Access; Clean and Inspection (I.f.)	22,933	\$ 271,280
Pipe Burst or Replace (I.f.)	24,604	\$ 2,811,731
Point Repair (ea.)	570	\$ 2,707,250
Replace Mainline (I.f.)	816	\$ 163,200
Cured In Place Pipe Liner (I.f.)	1,595	\$ 126,125
Total Remedial Measures		\$ 6,079,586
Deferred for Capacity Analysis		\$ 145,200
Group 2 Mainline Remedial Measures		\$ 5,934,386

Group 2 - Mainline Condition Remedial Measures Summary - Basin 13

Item	Basin	Pipe Segment	Rating	City Pipe Asset ID	Upstream Manhole	Downstream Manhole	Pipe Length	Pipe Diameter	Preliminary Rehabilitation Recommendation	Repair Cost	Recommended	Remediation Plan
119	13	SSMHT0002971-SSMHT0004540	D	SS.GM.T0004150	SSMHT0002971	SSMHT0004540	219	8	Burst to 8" - 3 svc	\$ 23,865	\$ 23,865	Pipe Burst or Replace
120	13	SSMHT0002972-SSMHT0014024	B	SS.GM.T0008318	SSMHT0002972	SSMHT0014024	701	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
121	13	SSMHT0002973-SSMHT0004465	B	SS.GM.T0007007	SSMHT0002973	SSMHT0004465	1001	24	Add to Root Removal Schedule	\$ 1,752	\$ -	Add to Root Removal Program in CMOM
122	13	SSMHT0002975-SSMHT0002775	B	SS.GM.T0007008	SSMHT0002975	SSMHT0002775	280	30	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
123	13	SSMHT0002976-SSMHT0004456	B	SS.GM.T0004438	SSMHT0002976	SSMHT0004456	360	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
124	13	SSMHT0003011-SSMHT0004569	B	SS.GM.T0005306	SSMHT0003011	SSMHT0004569	102	6	Assign to high frequency cleaning - grease	\$ 153	\$ -	Add to High Frequency Cleaning in CMOM
125	13	SSMHT0003012-SSMHT0004569	C	SS.GM.T0005578	SSMHT0003012	SSMHT0004569	270	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
126	13	SSMHT0003013-SSMHT0003082	D	SS.GM.T0007862	SSMHT0003013	SSMHT0003082	484	8	Access; Clean and Inspection	\$ 5,036	\$ 5,036	Access; Clean and Inspection
127	13	SSMHT0003014-SSMHT0003013	B	SS.GM.T0007364	SSMHT0003014	SSMHT0003013	265	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
128	13	SSMHT0003015-SSMHT0002305	B	SS.GM.T0007860	SSMHT0003015	SSMHT0002305	407	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
129	13	SSMHT0003016-SSMHT0003015	D	SS.GM.T0007018	SSMHT0003016	SSMHT0003015	327	6	Point Repair at 293 ft from 03016	\$ 4,750	\$ 4,750	Point Repair
130	13	SSMHT0003017-SSMHT0012799	B	SS.GM.T0007476	SSMHT0003017	SSMHT0012799	165	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
131	13	SSMHT0003018-SSMHT0003017	D	SS.GM.T0007857	SSMHT0003018	SSMHT0003017	461	6	Point Repair at 334 ft from 03018	\$ 4,750	\$ 4,750	Point Repair
132	13	SSMHT0003019-SSMHT0003018	C	SS.GM.T0005575	SSMHT0003019	SSMHT0003018	338	6	Point Repair at 165 ft from 03019	\$ -	\$ -	Monitor in CMOM
133	13	SSMHT0003020-SSMHT0003031	D	SS.GM.T0005313	SSMHT0003020	SSMHT0003031	123	6	Point Repair at 116 & 125 ft from 03031	\$ 9,500	\$ 9,500	Point Repair
134	13	SSMHT0003031-SSMHT0003062	B	SS.GM.T0008103	SSMHT0003031	SSMHT0003062	382	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
135	13	SSMHT0003032-SSMHT0003017	C	SS.GM.T0005576	SSMHT0003032	SSMHT0003017	338	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
136	13	SSMHT0003053-SSMHT0004568	D	SS.GM.T0006366	SSMHT0003053	SSMHT0004568	361	8	Access; Clean and Inspection	\$ 3,813	\$ 3,813	Access; Clean and Inspection
137	13	SSMHT0003057-SSMHT0003059	D	SS.GM.T0005309	SSMHT0003057	SSMHT0003059	465	6	Point Repair at 220, 267 & 387 ft from 03057	\$ 14,250	\$ 14,250	Point Repair
138	13	SSMHT0003058-SSMHT0003019	B	SS.GM.T0005574	SSMHT0003058	SSMHT0003019	323	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
139	13	SSMHT0003059-SSMHT0003060	C	SS.GM.T0007854	SSMHT0003059	SSMHT0003060	331	6	Point Repair at 176 ft from 03059	\$ -	\$ -	Monitor in CMOM
140	13	SSMHT0003060-SSMHT0003064	C	SS.GM.T0007855	SSMHT0003060	SSMHT0003064	328	6	Point Repair at 244 ft from 03060	\$ -	\$ -	Monitor in CMOM
141	13	SSMHT0003062-SSMHT0012798	B	SS.GM.T0005312	SSMHT0003062	SSMHT0012798	114	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
142	13	SSMHT0003063-SSMHT0009207	B	SS.GM.T0007861	SSMHT0003063	SSMHT0009207	212	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
143	13	SSMHT0003064-SSMHT0002297	C	SS.GM.T0007858	SSMHT0003064	SSMHT0002297	319	6	Point Repair at 141 ft from 03064	\$ -	\$ -	Monitor in CMOM
144	13	SSMHT0003065-SSMHT0003012	C	SS.GM.T0003672	SSMHT0003065	SSMHT0003012	346	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
145	13	SSMHT0003066-SSMHT0003065	C	SS.GM.T0005579	SSMHT0003066	SSMHT0003065	110	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
146	13	SSMHT0003067-SSMHT0004568	C	SS.GM.T0008239	SSMHT0003067	SSMHT0004568	350	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
147	13	SSMHT0003069-SSMHT0010114	B	SS.GM.T0007870	SSMHT0003069	SSMHT0010114	90	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
148	13	SSMHT0003070-SSMHT0003069	C	SS.GM.T0007014	SSMHT0003070	SSMHT0003069	540	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
149	13	SSMHT0003071-SSMHT0000664	B	SS.GM.T0006357	SSMHT0003071	SSMHT0000664	146	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
150	13	SSMHT0003072-SSMHT0003073	C	SS.GM.T0005308	SSMHT0003072	SSMHT0003073	194	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
151	13	SSMHT0003073-SSMHT0003011	D	SS.GM.T0005307	SSMHT0003073	SSMHT0003011	417	6	Point Repair at 57 ft from 03073	\$ 4,750	\$ 4,750	Point Repair
152	13	SSMHT0003074-SSMHT0002303	D	SS.GM.T0006365	SSMHT0003074	SSMHT0002303	323	6	Access; Clean and Inspection	\$ 3,428	\$ 3,428	Access; Clean and Inspection
153	13	SSMHT0003075-SSMHT0003074	C	SS.GM.T0006363	SSMHT0003075	SSMHT0003074	259	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
154	13	SSMHT0003076-SSMHT0003079	C	SS.GM.T0007866	SSMHT0003076	SSMHT0003079	175	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
155	13	SSMHT0003077-SSMHT0003078	C	SS.GM.T0007869	SSMHT0003077	SSMHT0003078	239	6	Point Repairs at 52, 99, 110, 187 & 222 ft from 03077	\$ -	\$ -	Monitor in CMOM
156	13	SSMHT0003078-SSMHT0002308	C	SS.GM.T0006874	SSMHT0003078	SSMHT0002308	234	6	Add to Root Removal Schedule	\$ 410	\$ -	Add to Root Removal Program in CMOM
157	13	SSMHT0003079-SSMHT0002304	C	SS.GM.T0006355	SSMHT0003079	SSMHT0002304	272	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
158	13	SSMHT0003080-SSMHT0002300	C	SS.GM.T0007864	SSMHT0003080	SSMHT0002300	397	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
159	13	SSMHT0003082-SSMHT0013999	B	SS.GM.T0014102	SSMHT0003082	SSMHT0013999	149	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
160	13	SSMHT0003083-SSMHT0001258	D	SS.GM.T0009820	SSMHT0003083	SSMHT0001258	184	6	Point Repair at 344 ft from 03083	\$ 4,750	\$ 4,750	Point Repair
161	13	SSMHT0003085-SSMHT0003083	C	SS.GM.T0005139	SSMHT0003085	SSMHT0003083	341	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
162	13	SSMHT0003086-SSMHT0003125	C	SS.GM.T0004678	SSMHT0003086	SSMHT0003125	537	8	Point Repair at 104 ft from 03125	\$ -	\$ -	Monitor in CMOM
163	13	SSMHT0003087-SSMHT0012978	B	SS.GM.T0008217	SSMHT0003087	SSMHT0012978	21	36	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
164	13	SSMHT0003109-SSMHT0014011	B	SS.GM.T0014117	SSMHT0003109	SSMHT0014011	269	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
165	13	SSMHT0003110-SSMHT0003083	C	SS.GM.T0008089	SSMHT0003110	SSMHT0003083	356	6	Point Repair at 212 ft from 03110	\$ -	\$ -	Monitor in CMOM
166	13	SSMHT0003111-SSMHT0002734	D	SS.GM.T0007875	SSMHT0003111	SSMHT0002734	349	6	Point Repairs at 73 ft and 173 ft from 03111	\$ 9,500	\$ 9,500	Point Repair
167	13	SSMHT0003115-SSMHT0002306	B	SS.GM.T0007871	SSMHT0003115	SSMHT0002306	362	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
168	13	SSMHT0003118-SSMHT0004606	B	SS.GM.T0007366	SSMHT0003118	SSMHT0004606	56	24	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
169	13	SSMHT0003119-SSMHT0004609	B	SS.GM.T0005793	SSMHT0003119	SSMHT0004609	131	18	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
170	13	SSMHT0003120-SSMHT0012936	B	SS.GM.T0006872	SSMHT0003120	SSMHT0012936	131	24	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
171	13	SSMHT0003121-SSMHT0004622	B	SS.GM.T0007360	SSMHT0003121	SSMHT0004622	259	18	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
172	13	SSMHT0003123-SSMHT0012981	C	SS.GM.T0013158	SSMHT0003123	SSMHT0012981	205	6	Point Repair at 186 ft from 03123	\$ -	\$ -	Monitor in CMOM
173	13	SSMHT0003124-SSMHT0012982	C	SS.GM.T0004157	SSMHT0003124	SSMHT0012982	58	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
174	13	SSMHT0003125-SSMHT0003124	C	SS.GM.T0004677	SSMHT0003125	SSMHT0003124	131	8	Locate and Expose 03124; Clean and CCTV	\$ -		Monitor in CMOM
175	13	SSMHT0003127-SSMHT0003060	B	SS.GM.T0014099	SSMHT0003127	SSMHT0003060	467	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
176	13	SSMHT0003129-SSMHT0003131	C	SS.GM.T0008821	SSMHT0003129	SSMHT0003131	187	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
177	13	SSMHT0003130-SSMHT0003129	C	SS.GM.T0008822	SSMHT0003130	SSMHT0003129	169	8	Sectional liner 58 to 68 ft from 03130	\$ -	\$ -	Monitor in CMOM



Remedial Measure Description	Quantity	Remediation Plan
Access; Clean and Inspection (I.f.)	22,933	\$ 271,280
Pipe Burst or Replace (I.f.)	24,604	\$ 2,811,731
Point Repair (ea.)	570	\$ 2,707,250
Replace Mainline (I.f.)	816	\$ 163,200
Cured In Place Pipe Liner (I.f.)	1,595	\$ 126,125
Total Remedial Measures		\$ 6,079,586
Deferred for Capacity Analysis		\$ 145,200
Group 2 Mainline Remedial Measures		\$ 5,934,386

Group 2 - Mainline Condition Remedial Measures Summary - Basin 13

Item	Basin	Pipe Segment	Rating	City Pipe Asset ID	Upstream Manhole	Downstream Manhole	Pipe Length	Pipe Diameter	Preliminary Rehabilitation Recommendation	Repair Cost	Recommended	Remediation Plan
178	13	SSMHT0003131-SSMHT0012966	B	SS.GM.T0008836	SSMHT0003131	SSMHT0012966	255	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
179	13	SSMHT0003164-SSMHT0003165	B	SS.GM.T0008982	SSMHT0003164	SSMHT0003165	172	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
180	13	SSMHT0003165-SSMHT0003166	B	SS.GM.T0008981	SSMHT0003165	SSMHT0003166	54	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
181	13	SSMHT0003166-SSMHT0008094	B	SS.GM.T0006331	SSMHT0003166	SSMHT0008094	311	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
182	13	SSMHT0003167-SSMHT0003166	D	SS.GM.T0006339	SSMHT0003167	SSMHT0003166	257	6	Point Repairs at 23 and 197 ft from 03167	\$ 9,500	\$ 9,500	Point Repair
183	13	SSMHT0003168-SSMHT0003167	D	SS.GM.T0006340	SSMHT0003168	SSMHT0003167	350	6	Point Repairs at 68, 93, 202 and 318 ft from 03168	\$ 19,000	\$ 19,000	Point Repair
184	13	SSMHT0003169-SSMHT0003168	D	SS.GM.T0006342	SSMHT0003169	SSMHT0003168	411	6	Point Repairs at 122 ft from 03169	\$ 4,750	\$ 4,750	Point Repair
185	13	SSMHT0003170-SSMHT0003169	D	SS.GM.T0006343	SSMHT0003170	SSMHT0003169	297	6	Point Repairs at 96 and 222 ft from 03170	\$ 9,500	\$ 9,500	Point Repair
186	13	SSMHT0003171-SSMHT0003170	B	SS.GM.T0006344	SSMHT0003171	SSMHT0003170	228	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
187	13	SSMHT0003172-SSMHT0003167	C	SS.GM.T0006338	SSMHT0003172	SSMHT0003167	412	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
188	13	SSMHT0003173-SSMHT0003164	B	SS.GM.T0008983	SSMHT0003173	SSMHT0003164	188	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
189	13	SSMHT0003174-SSMHT0003173	C	SS.GM.T0008985	SSMHT0003174	SSMHT0003173	355	6	Point Repair at 123 ft from 03174	\$ -	\$ -	Monitor in CMOM
190	13	SSMHT0003175-SSMHT0004703	D	SS.GM.T0006272	SSMHT0003175	SSMHT0004703	649	6	Locate and Expose 03175 Clean and CCTV	\$ 7,840	\$ 7,840	Access; Clean and Inspection
191	13	SSMHT0003176-SSMHT0003180	D	SS.GM.T0006310	SSMHT0003176	SSMHT0003180	277	6	Point Repair at 37 ft from 03176	\$ 4,750	\$ 4,750	Point Repair
192	13	SSMHT0003177-SSMHT0003178	C	SS.GM.T0006322	SSMHT0003177	SSMHT0003178	167	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
193	13	SSMHT0003178-SSMHT0006845	B	SS.GM.T0008973	SSMHT0003178	SSMHT0006845	114	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
194	13	SSMHT0003179-SSMHT0003178	C	SS.GM.T0008989	SSMHT0003179	SSMHT0003178	188	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
195	13	SSMHT0003180-SSMHT0003284	C	SS.GM.T0008738	SSMHT0003180	SSMHT0003284	352	6	Point Repairs at 99 and 194 ft from 03180	\$ -	\$ -	Monitor in CMOM
196	13	SSMHT0003181-SSMHT0003281	C	SS.GM.T0006291	SSMHT0003181	SSMHT0003281	192	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
197	13	SSMHT0003182-SSMHT0003181	C	SS.GM.T0006290	SSMHT0003182	SSMHT0003181	157	6	Point Repair at 56.4 ft from 03182	\$ -	\$ -	Monitor in CMOM
198	13	SSMHT0003183-SSMHT0004697	C	SS.GM.T0008991	SSMHT0003183	SSMHT0004697	692	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
199	13	SSMHT0003184-SSMHT0006842	D	SS.GM.T0006296	SSMHT0003184	SSMHT0006842	190	8	Point Repair at 105 ft from 03184	\$ 4,750	\$ 4,750	Point Repair
200	13	SSMHT0003185-SSMHT0009676	C	SS.GM.T0006312	SSMHT0003185	SSMHT0009676	299	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
201	13	SSMHT0003186-SSMHT0004688	C	SS.GM.T0006261	SSMHT0003186	SSMHT0004688	168	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
202	13	SSMHT0003187-SSMHT0003186	D	SS.GM.T0008988	SSMHT0003187	SSMHT0003186	348	6	Burst to 8" - 9 svc	\$ 45,330	\$ 45,330	Pipe Burst or Replace
203	13	SSMHT0003188-SSMHT0003184	D	SS.GM.T0008994	SSMHT0003188	SSMHT0003184	406	8	Point Repair at 329 ft from 03188*	\$ 4,750	\$ 4,750	Point Repair
204	13	SSMHT0003189-SSMHT0003188	D	SS.GM.T0006297	SSMHT0003189	SSMHT0003188	280	6	Point Repair at 57 ft from 03189	\$ 4,750	\$ 4,750	Point Repair
205	13	SSMHT0003190-SSMHT0003195	D	SS.GM.T0006109	SSMHT0003190	SSMHT0003195	343	6	Point Repair at 288 ft from 03190	\$ 4,750	\$ 4,750	Point Repair
206	13	SSMHT0003191-SSMHT0012833	C	SS.GM.T0006264	SSMHT0003191	SSMHT0012833	364	6	Point Repairs at 36, 113, 180, 262, 310 and 335 ft from 03191	\$ -	\$ -	Monitor in CMOM
207	13	SSMHT0003192-SSMHT0004703	D	SS.GM.T0008998	SSMHT0003192	SSMHT0004703	358	6	Point Repair at 35 ft from 03192	\$ 4,750	\$ 4,750	Point Repair
208	13	SSMHT0003193-SSMHT0004713	E	SS.GM.T0006107	SSMHT0003193	SSMHT0004713	349	6	Point Repair at 83 ft from 04713	\$ 4,750	\$ 4,750	Point Repair
209	13	SSMHT0003194-SSMHT0003193	B	SS.GM.T0006106	SSMHT0003194	SSMHT0003193	95	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
210	13	SSMHT0003195-SSMHT0003194	B	SS.GM.T0006105	SSMHT0003195	SSMHT0003194	25	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
211	13	SSMHT0003197-SSMHT0014071	D	SS.GM.T0006104	SSMHT0003197	SSMHT0014071	277	6	Point Repair at 28 ft from 03197	\$ 4,750	\$ 4,750	Point Repair
212	13	SSMHT0003199-SSMHT0003201	C	SS.GM.T0009001	SSMHT0003199	SSMHT0003201	212	6	Point Repair at 183 ft from 03199	\$ -	\$ -	Monitor in CMOM
213	13	SSMHT0003200-SSMHT0003199	C	SS.GM.T0009002	SSMHT0003200	SSMHT0003199	194	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
214	13	SSMHT0003201-SSMHT0014066	C	SS.GM.T0009004	SSMHT0003201	SSMHT0014066	488	6	Add to Root Removal Schedule	\$ 854	\$ -	Add to Root Removal Program in CMOM
215	13	SSMHT0003202-SSMHT0003203	C	SS.GM.T0004803	SSMHT0003202	SSMHT0003203	362	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
216	13	SSMHT0003203-SSMHT0004790	B	SS.GM.T0004802	SSMHT0003203	SSMHT0004790	404	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
217	13	SSMHT0003204-SSMHT0004790	B	SS.GM.T0004805	SSMHT0003204	SSMHT0004790	357	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
218	13	SSMHT0003206-SSMHT0004773	C	SS.GM.T0009006	SSMHT0003206	SSMHT0004773	149	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
219	13	SSMHT0003207-SSMHT0013590	B	SS.GM.T0009016	SSMHT0003207	SSMHT0013590	116	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
220	13	SSMHT0003208-SSMHT0004808	B	SS.GM.T0009015	SSMHT0003208	SSMHT0004808	219	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
221	13	SSMHT0003212-SSMHT0004842	B	SS.GM.T0009071	SSMHT0003212	SSMHT0004842	127	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
222	13	SSMHT0003212-SSMHT0004841	D	SS.GM.T0009074	SSMHT0003212	SSMHT0004841	110	12	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
223	13	SSMHT0003214-SSMHT0003213	C	SS.GM.T0003874	SSMHT0003214	SSMHT0003213	88	12	Point Repair at 158 ft from 03214	\$ -	\$ -	Monitor in CMOM
224	13	SSMHT0003215-SSMHT0003214	B	SS.GM.T0009075	SSMHT0003215	SSMHT0003214	26	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
225	13	SSMHT0003216-SSMHT0003214	B	SS.GM.T0006826	SSMHT0003216	SSMHT0003214	92	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
226	13	SSMHT0003217-SSMHT0013573	B	SS.GM.T0013902	SSMHT0003217	SSMHT0013573	79	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
227	13	SSMHT0003219-SSMHT0003217	B	SS.GM.T0006828	SSMHT0003219	SSMHT0003217	44	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
228	13	SSMHT0003220-SSMHT0003219	B	SS.GM.T0006829	SSMHT0003220	SSMHT0003219	32	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
229	13	SSMHT0003223-SSMHT0003224	C	SS.GM.T0006833	SSMHT0003223	SSMHT0003224	318	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
230	13	SSMHT0003224-SSMHT0003226	C	SS.GM.T0006831	SSMHT0003224	SSMHT0003226	350	6	Add to Root Removal Schedule	\$ 613	\$ -	Add to Root Removal Program in CMOM
231	13	SSMHT0003225-SSMHT0003220	D	SS.GM.T0006998	SSMHT0003225	SSMHT0012954	326	8	Point Repair at 144 ft from 03225*	\$ 4,750	\$ 4,750	Point Repair
232	13	SSMHT0003226-SSMHT0012954	D	SS.GM.T0012038	SSMHT0003226	SSMHT0012954	187	6	Burst to 8" - 9 svc	\$ 31,628	\$ 31,628	Pipe Burst or Replace
233	13	SSMHT0003227-SSMHT0003225	C	SS.GM.T0009081	SSMHT0003227	SSMHT0003225	120	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
234	13	SSMHT0003228-SSMHT0003232	D	SS.GM.T0009085	SSMHT0003228	SSMHT0003232	209	6	Point Repairs at 5 and 118 ft from 03228	\$ 9,500	\$ 9,500	Point Repair
235	13	SSMHT0003229-SSMHT0003228	B	SS.GM.T0009086	SSMHT0003229	SSMHT0003228	98	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
236	13	SSMHT0003230-SSMHT0004741	B	SS.GM.T0009087	SSMHT0003230	SSMHT0004741	104	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM



Remedial Measure Description	Quantity	Remediation Plan
Access; Clean and Inspection (I.f.)	22,933	\$ 271,280
Pipe Burst or Replace (I.f.)	24,604	\$ 2,811,731
Point Repair (ea.)	570	\$ 2,707,250
Replace Mainline (I.f.)	816	\$ 163,200
Cured In Place Pipe Liner (I.f.)	1,595	\$ 126,125
Total Remedial Measures		\$ 6,079,586
Deferred for Capacity Analysis		\$ 145,200
Group 2 Mainline Remedial Measures		\$ 5,934,386

Group 2 - Mainline Condition Remedial Measures Summary - Basin 13

Item	Basin	Pipe Segment	Rating	City Pipe Asset ID	Upstream Manhole	Downstream Manhole	Pipe Length	Pipe Diameter	Preliminary Rehabilitation Recommendation	Repair Cost	Recommended	Remediation Plan
237	13	SSMHT0003231-SSMHT0005963	B	SS.GM.T0009058	SSMHT0003231	SSMHT0005963	100	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
238	13	SSMHT0003232-SSMHT0012848	C	SS.GM.T0009084	SSMHT0003232	SSMHT0012848	99	6	Assign to high frequency cleaning - tuberculation	\$ 149	\$ -	Add to High Frequency Cleaning in CMOM
239	13	SSMHT0003233-SSMHT0012848	B	SS.GM.T0009082	SSMHT0003233	SSMHT0012848	100	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
240	13	SSMHT0003234-SSMHT0003233	D	SS.GM.T0009089	SSMHT0003234	SSMHT0003233	578	8	Point Repair at 136 ft from 03234	\$ 4,750	\$ 4,750	Point Repair
241	13	SSMHT0003235-SSMHT0003241	C	SS.GM.T0006836	SSMHT0003235	SSMHT0003241	456	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
242	13	SSMHT0003236-SSMHT0003235	B	SS.GM.T0009079	SSMHT0003236	SSMHT0003235	167	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
243	13	SSMHT0003237-SSMHT0010298	C	SS.GM.T0005093	SSMHT0003237	SSMHT0010298	42	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
244	13	SSMHT0003238-SSMHT0003241	C	SS.GM.T0009091	SSMHT0003238	SSMHT0003241	153	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
245	13	SSMHT0003239-SSMHT0003240	D	SS.GM.T0009093	SSMHT0003239	SSMHT0003240	589	8	Burst to 8" - 6 svc	\$ 60,565	\$ 60,565	Pipe Burst or Replace
246	13	SSMHT0003240-SSMHT0003238	B	SS.GM.T0009092	SSMHT0003240	SSMHT0003238	23	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
247	13	SSMHT0003241-SSMHT0014092	B	SS.GM.T0009090	SSMHT0003241	SSMHT0014092	347	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
248	13	SSMHT0003242-SSMHT0003238	C	SS.GM.T0005095	SSMHT0003242	SSMHT0003238	101	6	Locate and Expose 03238; Clean and CCTV	\$ -	\$ -	Monitor in CMOM
249	13	SSMHT0003243-SSMHT0003244	D	SS.GM.T0005132	SSMHT0003243	SSMHT0003244	384	6	Point Repair at 297 ft from 03243	\$ 4,750	\$ 4,750	Point Repair
250	13	SSMHT0003244-SSMHT0003245	C	SS.GM.T0009096	SSMHT0003244	SSMHT0003245	175	6	Point Repair at 62 ft from 03244	\$ -	\$ -	Monitor in CMOM
251	13	SSMHT0003245-SSMHT0003241	D	SS.GM.T0009094	SSMHT0003245	SSMHT0003241	659	6	Point Repair at 104 ft from 03241	\$ 4,750	\$ 4,750	Point Repair
252	13	SSMHT0003246-SSMHT0003247	C	SS.GM.T0009098	SSMHT0003246	SSMHT0003247	498	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
253	13	SSMHT0003247-SSMHT0003245	B	SS.GM.T0009097	SSMHT0003247	SSMHT0003245	338	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
254	13	SSMHT0003248-SSMHT0012849	C	SS.GM.T0005112	SSMHT0003248	SSMHT0012849	189	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
255	13	SSMHT0003249-SSMHT0003250	B	SS.GM.T0009100	SSMHT0003249	SSMHT0003250	200	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
256	13	SSMHT0003250-SSMHT0003231	C	SS.GM.T0005102	SSMHT0003250	SSMHT0003231	193	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
257	13	SSMHT0003251-SSMHT0003251	D	SS.GM.T0005101	SSMHT0003251	SSMHT0003251	78	6	Access; Clean and Inspection	\$ 983	\$ 983	Access; Clean and Inspection
258	13	SSMHT0003251-SSMHT0014232	C	SS.GM.T0014244	SSMHT0003251	SS.MH.T0014232	59	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
259	13	SSMHT0003252-SSMHT0003255	D	SS.GM.T0009295	SSMHT0003252	SSMHT0003255	295	6	Access; Clean and Inspection	\$ 3,150	\$ 3,150	Access; Clean and Inspection
260	13	SSMHT0003253-SSMHT0003258	B	SS.GM.T0009102	SSMHT0003253	SSMHT0003258	431	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
261	13	SSMHT0003254-SSMHT0003253	B	SS.GM.T0009103	SSMHT0003254	SSMHT0003253	35	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
262	13	SSMHT0003255-SSMHT0003256	C	SS.GM.T0009104	SSMHT0003255	SSMHT0003256	441	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
263	13	SSMHT0003256-SSMHT0003257	D	SS.GM.T0009296	SSMHT0003256	SSMHT0003257	481	6	Point Repairs at 40 and 153 ft from 03256; Point Repairs at 17 and 139 ft from 03257	\$ 19,000	\$ 19,000	Point Repair
264	13	SSMHT0003257-SSMHT0003218	D	SS.GM.T0006033	SSMHT0003257	SSMHT0003218	204	6	Point Repairs at 164 and 184 ft from 03257	\$ 9,500	\$ 9,500	Point Repair
265	13	SSMHT0003258-SSMHT0003259	C	SS.GM.T0009101	SSMHT0003258	SSMHT0003259	307	8	Point Repair at 150 ft from 03259	\$ -	\$ -	Monitor in CMOM
266	13	SSMHT0003259-SSMHT0004745	B	SS.GM.T0006047	SSMHT0003259	SSMHT0004745	183	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
267	13	SSMHT0003260-SSMHT0003259	B	SS.GM.T0006048	SSMHT0003260	SSMHT0003259	74	6	Assign to high frequency cleaning - grease	\$ 111	\$ -	Add to High Frequency Cleaning in CMOM
268	13	SSMHT0003264-SSMHT0005968	D	SS.GM.T0008526	SSMHT0003264	SSMHT0005968	522	6	Point Repair at 110 and 179 ft from 03264	\$ 9,500	\$ 9,500	Point Repair
269	13	SSMHT0003265-SSMHT0013651	D	SS.GM.T0009294	SSMHT0003265	SSMHT0013651	439	8	Point Repairs at 419 and 444 ft from 03265	\$ 9,500	\$ 9,500	Point Repair
270	13	SSMHT0003266-SSMHT0003265	D	SS.GM.T0009115	SSMHT0003266	SSMHT0003265	278	6	Burst to 8" - 7 svc	\$ 35,880	\$ 35,880	Pipe Burst or Replace
271	13	SSMHT0003267-SSMHT0003266	C	SS.GM.T0009116	SSMHT0003267	SSMHT0003266	193	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
272	13	SSMHT0003268-SSMHT0003265	D	SS.GM.T0005126	SSMHT0003268	SSMHT0003265	143	6	Point Repair at 59 and 131 ft from 03265	\$ 9,500	\$ 9,500	Point Repair
273	13	SSMHT0003269-SSMHT0012854	B	SS.GM.T0008512	SSMHT0003269	SSMHT0012854	60	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
274	13	SSMHT0003270-SSMHT0004846	D	SS.GM.T0009145	SSMHT0003270	SSMHT0004846	234	6	Burst to 8" - 9 svc	\$ 35,640	\$ 35,640	Pipe Burst or Replace
275	13	SSMHT0003271-SSMHT0004860	D	SS.GM.T0005117	SSMHT0003271	SSMHT0004860	224	6	Point Repair at 187 ft from 03271	\$ 4,750	\$ 4,750	Point Repair
276	13	SSMHT0003272-SSMHT0004864	C	SS.GM.T0009121	SSMHT0003272	SSMHT0004864	482	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
277	13	SSMHT0003273-SSMHT0014040	D	SS.GM.T0006039	SSMHT0003273	SSMHT0014040	1832	6	Point Repairs at 120 ft from 14040	\$ 4,750	\$ 4,750	Point Repair
278	13	SSMHT0003274-SSMHT0003276	B	SS.GM.T0010006	SSMHT0003274	SSMHT0003276	141	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
279	13	SSMHT0003275-SSMHT0003276	C	SS.GM.T0010007	SSMHT0003275	SSMHT0003276	231	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
280	13	SSMHT0003276-SSMHT0003277	B	SS.GM.T0010008	SSMHT0003276	SSMHT0003277	96	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
281	13	SSMHT0003277-SSMHT0003278	B	SS.GM.T0010012	SSMHT0003277	SSMHT0003278	38	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
282	13	SSMHT0003278-SSMHT0003305	D	SS.GM.T0010011	SSMHT0003278	SSMHT0003305	301	12	Locate and Expose 03305; Clean and CCTV	\$ 4,360	\$ 4,360	Access; Clean and Inspection
283	13	SSMHT0003281-SSMHT0003278	C	SS.GM.T0006287	SSMHT0003281	SSMHT0003278	203	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
284	13	SSMHT0003282-SSMHT0003283	B	SS.GM.T0009127	SSMHT0003282	SSMHT0003283	197	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
285	13	SSMHT0003283-SSMHT0003278	C	SS.GM.T0009126	SSMHT0003283	SSMHT0003278	550	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
286	13	SSMHT0003284-SSMHT0003283	C	SS.GM.T0009134	SSMHT0003284	SSMHT0003283	175	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
287	13	SSMHT0003285-SSMHT0003282	B	SS.GM.T0009128	SSMHT0003285	SSMHT0003282	222	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
288	13	SSMHT0003286-SSMHT0003285	B	SS.GM.T0009132	SSMHT0003286	SSMHT0003285	51	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
289	13	SSMHT0003287-SSMHT0014030	B	SS.GM.T0007120	SSMHT0003287	SSMHT0014030	91	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
290	13	SSMHT0003288-SSMHT0003289	D	SS.GM.T0007121	SSMHT0003288	SSMHT0003289	485	6	Point Repairs at 12 and 77 ft from 03288	\$ 9,500	\$ 9,500	Point Repair
291	13	SSMHT0003289-SSMHT0012852	C	SS.GM.T0007118	SSMHT0003289	SSMHT0012852	308	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
292	13	SSMHT0003290-SSMHT0003291	C	SS.GM.T0007117	SSMHT0003290	SSMHT0003291	285	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
293	13	SSMHT0003291-SSMHT0003292	B	SS.GM.T0007115	SSMHT0003291	SSMHT0003292	219	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
294	13	SSMHT0003292-SSMHT0012855	C	SS.GM.T0007114	SSMHT0003292	SSMHT0012855	250	6	Point Repairs at 61 and 260 ft from 03292	\$ -	\$ -	Monitor in CMOM
295	13	SSMHT0003293-SSMHT0003295	C	SS.GM.T0009136	SSMHT0003293	SSMHT0003295	205	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM



Remedial Measure Description	Quantity	Remediation Plan
Access; Clean and Inspection (I.f.)	22,933	\$ 271,280
Pipe Burst or Replace (I.f.)	24,604	\$ 2,811,731
Point Repair (ea.)	570	\$ 2,707,250
Replace Mainline (I.f.)	816	\$ 163,200
Cured In Place Pipe Liner (I.f.)	1,595	\$ 126,125
Total Remedial Measures		\$ 6,079,586
Deferred for Capacity Analysis		\$ 145,200
Group 2 Mainline Remedial Measures		\$ 5,934,386

Group 2 - Mainline Condition Remedial Measures Summary - Basin 13

Item	Basin	Pipe Segment	Rating	City Pipe Asset ID	Upstream Manhole	Downstream Manhole	Pipe Length	Pipe Diameter	Preliminary Rehabilitation Recommendation	Repair Cost	Recommended	Remediation Plan
296	13	SSMHT0003294-SSMHT0003295	C	SS.GM.T0007092	SSMHT0003294	SSMHT0003295	152	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
297	13	SSMHT0003295-SSMHT0004858	C	SS.GM.T0009120	SSMHT0003295	SSMHT0004858	338	6	Point Repairs at 50, 94, 181 ft from 03295	\$ -	\$ -	Monitor in CMOM
298	13	SSMHT0003296-SSMHT0003264	D	SS.GM.T0007084	SSMHT0003296	SSMHT0003264	675	6	Burst to 8" - 0 svc	\$ 57,375	\$ 57,375	Pipe Burst or Replace
299	13	SSMHT0003297-SSMHT0003296	D	SS.GM.T0007085	SSMHT0003297	SSMHT0003296	214	6	Burst to 8" - 0 svc	\$ 18,190	\$ 18,190	Pipe Burst or Replace
300	13	SSMHT0003298-SSMHT0003266	D	SS.GM.T0007078	SSMHT0003298	SSMHT0003266	589	6	Point Repair at 130 ft from 03298	\$ 4,750	\$ 4,750	Point Repair
301	13	SSMHT0003299-SSMHT0003300	D	SS.GM.T0007075	SSMHT0003299	SSMHT0003300	234	6	Point Repair at 168 ft from 03299	\$ 4,750	\$ 4,750	Point Repair
302	13	SSMHT0003300-SSMHT0003301	B	SS.GM.T0009138	SSMHT0003300	SSMHT0003301	73	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
303	13	SSMHT0003301-SSMHT0004868	B	SS.GM.T0007074	SSMHT0003301	SSMHT0004868	285	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
304	13	SSMHT0003302-SSMHT0009665	D	SS.GM.T0007106	SSMHT0003302	SSMHT0009665	486	6	Point Repairs at 12, 67, 98, 163, 314 and 391 ft from 09666	\$ 28,500	\$ 28,500	Point Repair
305	13	SSMHT0003303-SSMHT0004692	C	SS.GM.T0006326	SSMHT0003303	SSMHT0004692	357	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
306	13	SSMHT0003304-SSMHT0003309	D	SS.GM.T0006284	SSMHT0003304	SSMHT0003309	216	8	Locate and Expose 03304 Clean and CCTV	\$ 3,510	\$ 3,510	Access; Clean and Inspection
307	13	SSMHT0003305-SSMHT0003304	B	SS.GM.T0013551	SSMHT0003305	SSMHT0003304	12	15	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
308	13	SSMHT0003307-SSMHT0003306	B	SS.GM.T0006281	SSMHT0003307	SSMHT0003306	151	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
309	13	SSMHT0003308-SSMHT0003306	D	SS.GM.T0009139	SSMHT0003308	SSMHT0003306	57	12	CIPP - 0 svc	\$ 4,275	\$ 4,275	Cured In Place Pipe Liner
310	13	SSMHT0003309-SSMHT0004886	D	SS.GM.T0009140	SSMHT0003309	SSMHT0004886	59	8	Point Reapir at 2 ft from 04886 and CIPP - 0 svc	\$ 9,175	\$ 9,175	Cured In Place Pipe Liner
311	13	SSMHT0003310-SSMHT0000777	B	SS.GM.T0009055	SSMHT0003310	SSMHT0000777	124	12	Point Repair at 27 ft from 03310	\$ -	\$ -	Monitor in CMOM
312	13	SSMHT0003310-SSMHT0003311	B	SS.GM.T0009282	SSMHT0003310	SSMHT0003311	1	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
313	13	SSMHT0003311-SSMHT0005045	D	SS.GM.T0009056	SSMHT0003311	SSMHT0005045	136	8	Point Repair at 19, 191, 337 and 399 ft from 03311	\$ 19,000	\$ 19,000	Point Repair
314	13	SSMHT0003312-SSMHT0013693	D	SS.GM.T0006060	SSMHT0003312	SSMHT0013693	455	6	Burst to 8" - 2 svc	\$ 42,175	\$ 42,175	Pipe Burst or Replace
315	13	SSMHT0003313-SSMHT0000403	C	SS.GM.T0009143	SSMHT0003313	SSMHT0000403	206	6	Add to Root Removal Schedule	\$ 361	\$ -	Add to Root Removal Program in CMOM
316	13	SSMHT0004376-SSMHT0001026	C	SS.GM.T0007710	SSMHT0004376	SSMHT0001026	256	8	Point Repair at 164 ft from 04376	\$ -	\$ -	Monitor in CMOM
317	13	SSMHT0004377-SSMHT0004378	B	SS.GM.T0004365	SSMHT0004377	SSMHT0004378	431	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
318	13	SSMHT0004378-SSMHT0005623	B	SS.GM.T0004364	SSMHT0004378	SSMHT0005623	443	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
319	13	SSMHT0004385-SSMHT0004378	D	SS.GM.T0007043	SSMHT0004385	SSMHT0004378	374	6	Point Repairs at 34, 38 and 78 ft from 04385	\$ 14,250	\$ 14,250	Point Repair
320	13	SSMHT0004387-SSMHT0005640	C	SS.GM.T0007703	SSMHT0004387	SSMHT0005640	137	10	Add to Root Removal Schedule	\$ 240	\$ -	Add to Root Removal Program in CMOM
321	13	SSMHT0004388-SSMHT0005650	B	SS.GM.T0007715	SSMHT0004388	SSMHT0005650	212	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
322	13	SSMHT0004389-SSMHT0004388	C	SS.GM.T0003684	SSMHT0004389	SSMHT0004388	207	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
323	13	SSMHT0004390-SSMHT0005666	B	SS.GM.T0007716	SSMHT0004390	SSMHT0005666	166	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
324	13	SSMHT0004392-SSMHT0004390	B	SS.GM.T0007717	SSMHT0004392	SSMHT0004390	35	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
325	13	SSMHT0004393-SSMHT0004392	C	SS.GM.T0003685	SSMHT0004393	SSMHT0004392	417	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
326	13	SSMHT0004394-SSMHT0004393	C	SS.GM.T0004671	SSMHT0004394	SSMHT0004393	382	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
327	13	SSMHT0004398-SSMHT0004393	B	SS.GM.T0004675	SSMHT0004398	SSMHT0004393	550	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
328	13	SSMHT0004399-SSMHT0013598	B	SS.GM.T0007711	SSMHT0004399	SSMHT0013598	206	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
329	13	SSMHT0004401-SSMHT0002688	B	SS.GM.T0007699	SSMHT0004401	SSMHT0002688	304	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
330	13	SSMHT0004402-SSMHT0012982	C	SS.GM.T0004974	SSMHT0004402	SSMHT0012982	814	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
331	13	SSMHT0004403-SSMHT0004404	C	SS.GM.T0006352	SSMHT0004403	SSMHT0004404	355	6	Point Repairs at 2 & 215 ft from 04403	\$ -	\$ -	Monitor in CMOM
332	13	SSMHT0004404-SSMHT0002725	C	SS.GM.T0006353	SSMHT0004404	SSMHT0002725	452	6	Point Repairs at 81 & 496 ft from 04404	\$ -	\$ -	Monitor in CMOM
333	13	SSMHT0004405-SSMHT0004406	C	SS.GM.T0005159	SSMHT0004405	SSMHT0004406	214	6	Point Repair at 164 ft from 04405	\$ -	\$ -	Monitor in CMOM
334	13	SSMHT0004406-SSMHT0004408	C	SS.GM.T0005167	SSMHT0004406	SSMHT0004408	395	6	Point Repairs at 62 and 219 ft from 04406	\$ -	\$ -	Monitor in CMOM
335	13	SSMHT0004407-SSMHT0004406	C	SS.GM.T0005165	SSMHT0004407	SSMHT0004406	209	6	Point Repair at 57 ft from 04406	\$ -	\$ -	Monitor in CMOM
336	13	SSMHT0004408-SSMHT0004409	E	SS.GM.T0005166	SSMHT0004408	SSMHT0004409	75	6	Point Repair at 44 ft from 04408	\$ 4,750	\$ 4,750	Point Repair
337	13	SSMHT0004409-SSMHT0004410	D	SS.GM.T0005168	SSMHT0004409	SSMHT0004410	481	6	Point Repairs at 44, 239 and 319 ft from 04409	\$ 14,250	\$ 14,250	Point Repair
338	13	SSMHT0004410-SSMHT0001135	B	SS.GM.T0008083	SSMHT0004410	SSMHT0001135	249	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
339	13	SSMHT0004411-SSMHT0002970	B	SS.GM.T0008232	SSMHT0004411	SSMHT0002970	70	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
340	13	SSMHT0004412-SSMHT0004411	C	SS.GM.T0007877	SSMHT0004412	SSMHT0004411	476	6	Add to Root Removal Schedule	\$ 833	\$ -	Add to Root Removal Program in CMOM
341	13	SSMHT0004413-SSMHT0004405	C	SS.GM.T0005160	SSMHT0004413	SSMHT0004405	490	6	Point Repair at 247, 430 & 475 ft from 04413	\$ -	\$ -	Monitor in CMOM
342	13	SSMHT0004414-SSMHT0004403	C	SS.GM.T0006351	SSMHT0004414	SSMHT0004403	194	6	Point Repair at 127 ft from 04414	\$ -	\$ -	Monitor in CMOM
343	13	SSMHT0004415-SSMHT0004543	C	SS.GM.T0006348	SSMHT0004415	SSMHT0004543	491	6	Point Repairs at 341 & 490 ft from 04415	\$ -	\$ -	Monitor in CMOM
344	13	SSMHT0004416-SSMHT0004415	B	SS.GM.T0006349	SSMHT0004416	SSMHT0004415	56	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
345	13	SSMHT0004417-SSMHT0004419	C	SS.GM.T0008085	SSMHT0004417	SSMHT0004419	348	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
346	13	SSMHT0004418-SSMHT0004417	C	SS.GM.T0005146	SSMHT0004418	SSMHT0004417	333	6	Point Repairs at 64 and 206 ft from 04418	\$ -	\$ -	Monitor in CMOM
347	13	SSMHT0004419-SSMHT0013172	C	SS.GM.T0008086	SSMHT0004419	SSMHT0013172	236	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
348	13	SSMHT0004420-SSMHT0013171	B	SS.GM.T0013349	SSMHT0004420	SSMHT0013171	335	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
349	13	SSMHT0004421-SSMHT0004420	C	SS.GM.T0005156	SSMHT0004421	SSMHT0004420	287	6	Point Repair at 45 ft from 04421	\$ -	\$ -	Monitor in CMOM
350	13	SSMHT0004422-SSMHT0001137	C	SS.GM.T0005150	SSMHT0004422	SSMHT0001137	178	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
351	13	SSMHT0004423-SSMHT0004424	B	SS.GM.T0004980	SSMHT0004423	SSMHT0004424	5	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
352	13	SSMHT0004424-SSMHT0004430	C	SS.GM.T0004981	SSMHT0004424	SSMHT0004430	438	8	Point Repair at 420 ft from 04424	\$ -	\$ -	Monitor in CMOM
353	13	SSMHT0004425-SSMHT0005665	B	SS.GM.T0007905	SSMHT0004425	SSMHT0005665	406	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
354	13	SSMHT0004426-SSMHT0004422	C	SS.GM.T0005149	SSMHT0004426	SSMHT0004422	364	6	Point Repair at 159 ft from 04422	\$ -	\$ -	Monitor in CMOM



Remedial Measure Description	Quantity	Remediation Plan
Access; Clean and Inspection (I.f.)	22,933	\$ 271,280
Pipe Burst or Replace (I.f.)	24,604	\$ 2,811,731
Point Repair (ea.)	570	\$ 2,707,250
Replace Mainline (I.f.)	816	\$ 163,200
Cured In Place Pipe Liner (I.f.)	1,595	\$ 126,125
Total Remedial Measures		\$ 6,079,586
Deferred for Capacity Analysis		\$ 145,200
Group 2 Mainline Remedial Measures		\$ 5,934,386

Group 2 - Mainline Condition Remedial Measures Summary - Basin 13

Item	Basin	Pipe Segment	Rating	City Pipe Asset ID	Upstream Manhole	Downstream Manhole	Pipe Length	Pipe Diameter	Preliminary Rehabilitation Recommendation	Repair Cost	Recommended	Remediation Plan
355	13	SSMHT0004427-SSMHT0002781	C	SS.GM.T0004144	SSMHT0004427	SSMHT0002781	359	6	Point Repair at 241 ft from 04427	\$ -	\$ -	Monitor in CMOM
356	13	SSMHT0004428-SSMHT0002972	C	SS.GM.T0007026	SSMHT0004428	SSMHT0002972	320	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
357	13	SSMHT0004429-SSMHT0004402	B	SS.GM.T0004976	SSMHT0004429	SSMHT0004402	332	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
358	13	SSMHT0004430-SSMHT0001023	B	SS.GM.T0013009	SSMHT0004430	SSMHT0001023	459	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
359	13	SSMHT0004433-SSMHT0001151	D	SS.GM.T0008095	SSMHT0004433	SSMHT0001151	57	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
360	13	SSMHT0004434-SSMHT0004435	C	SS.GM.T0005154	SSMHT0004434	SSMHT0004435	51	6	Point Repair at 0 ft from 04434 to open pipe	\$ -	\$ -	Monitor in CMOM
361	13	SSMHT0004435-SSMHT0004437	C	SS.GM.T0008101	SSMHT0004435	SSMHT0004437	219	6	Point Repair at 60 ft from 04435	\$ -	\$ -	Monitor in CMOM
362	13	SSMHT0004436-SSMHT0004437	B	SS.GM.T0008099	SSMHT0004436	SSMHT0004437	30	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
363	13	SSMHT0004437-SSMHT0013035	D	SS.GM.T0008098	SSMHT0004437	SSMHT0013035	568	6	Burst to 8" - 10 svc	\$ 65,780	\$ 65,780	Pipe Burst or Replace
364	13	SSMHT0004438-SSMHT0013035	B	SS.GM.T0013179	SSMHT0004438	SSMHT0013035	26	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
365	13	SSMHT0004439-SSMHT0013034	B	SS.GM.T0013178	SSMHT0004439	SSMHT0013034	20	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
366	13	SSMHT0004440-SSMHT0004439	D	SS.GM.T0008097	SSMHT0004440	SSMHT0004439	127	6	Point Repair at 36 & 110 ft from 04440	\$ 9,500	\$ 9,500	Point Repair
367	13	SSMHT0004441-SSMHT0004407	C	SS.GM.T0005163	SSMHT0004441	SSMHT0004407	348	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
368	13	SSMHT0004442-SSMHT0004441	E	SS.GM.T0005162	SSMHT0004442	SSMHT0004441	355	6	Point Repair at 92 ft from 04442	\$ 4,750	\$ 4,750	Point Repair
369	13	SSMHT0004443-SSMHT0004442	D	SS.GM.T0005161	SSMHT0004443	SSMHT0004442	348	6	Point Repair at 114 ft from 04442	\$ 4,750	\$ 4,750	Point Repair
370	13	SSMHT0004453-SSMHT0002781	D	SS.GM.T0008121	SSMHT0004453	SSMHT0002781	640	6	Point Repairs at 105, 414 and 510 ft from 04453	\$ 14,250	\$ 14,250	Point Repair
371	13	SSMHT0004454-SSMHT0004478	D	SS.GM.T0008120	SSMHT0004454	SSMHT0004478	685	6	Point Repair at 671 ft from 04478	\$ 4,750	\$ 4,750	Point Repair
372	13	SSMHT0004455-SSMHT0004478	C	SS.GM.T0008118	SSMHT0004455	SSMHT0004478	276	6	Point Repairs at 132 and 272 ft from 03110	\$ -	\$ -	Monitor in CMOM
373	13	SSMHT0004456-SSMHT0004477	D	SS.GM.T0004139	SSMHT0004456	SSMHT0004477	352	6	Point Repair at 41, 74 and 154 and 272 ft from 04456	\$ 19,000	\$ 19,000	Point Repair
374	13	SSMHT0004457-SSMHT0004507	C	SS.GM.T0007035	SSMHT0004457	SSMHT0004507	260	6	Point Repair at 51 ft from 04457	\$ -	\$ -	Monitor in CMOM
375	13	SSMHT0004458-SSMHT0004475	B	SS.GM.T0007036	SSMHT0004458	SSMHT0004475	518	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
376	13	SSMHT0004459-SSMHT0004458	B	SS.GM.T0004160	SSMHT0004459	SSMHT0004458	451	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
377	13	SSMHT0004460-SSMHT0010008	D	SS.GM.T0008122	SSMHT0004460	SSMHT0010008	362	6	Point Repair at 32, 392 and 415 ft from 04460	\$ 14,250	\$ 14,250	Point Repair
378	13	SSMHT0004461-SSMHT0004464	D	SS.GM.T0004163	SSMHT0004461	SSMHT0004464	903	6	Point Repairs at 641, 837 and 852 and 864 ft from 04461	\$ 19,000	\$ 19,000	Point Repair
379	13	SSMHT0004462-SSMHT0004479	B	SS.GM.T0008126	SSMHT0004462	SSMHT0004479	499	30	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
380	13	SSMHT0004463-SSMHT0004462	C	SS.GM.T0008330	SSMHT0004463	SSMHT0004462	126	30	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
381	13	SSMHT0004464-SSMHT0004465	B	SS.GM.T0004162	SSMHT0004464	SSMHT0004465	56	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
382	13	SSMHT0004465-SSMHT0004466	B	SS.GM.T0008124	SSMHT0004465	SSMHT0004466	395	24	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
383	13	SSMHT0004466-SSMHT0004476	C	SS.GM.T0007037	SSMHT0004466	SSMHT0004476	275	24	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
384	13	SSMHT0004475-SSMHT0012984	B	SS.GM.T0004159	SSMHT0004475	SSMHT0012984	434	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
385	13	SSMHT0004476-SSMHT0004475	C	SS.GM.T0008125	SSMHT0004476	SSMHT0004475	108	24	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
386	13	SSMHT0004477-SSMHT0004457	D	SS.GM.T0008117	SSMHT0004477	SSMHT0004457	442	6	Point Repairs at 14 and 270 ft from 04477	\$ 9,500	\$ 9,500	Point Repair
387	13	SSMHT0004478-SSMHT0004457	D	SS.GM.T0008119	SSMHT0004478	SSMHT0004457	624	6	Point Repair at 205 ft from 04457	\$ 4,750	\$ 4,750	Point Repair
388	13	SSMHT0004479-SSMHT0002974	B	SS.GM.T0008331	SSMHT0004479	SSMHT0002974	229	30	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
389	13	SSMHT0004480-SSMHT0001136	C	SS.GM.T0005157	SSMHT0004480	SSMHT0001136	448	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
390	13	SSMHT0004481-SSMHT0004480	E	SS.GM.T0005158	SSMHT0004481	SSMHT0004480	354	6	Point Repair at 161 ft from 04481	\$ 4,750	\$ 4,750	Point Repair
391	13	SSMHT0004483-SSMHT0004484	D	SS.GM.T0005144	SSMHT0004483	SSMHT0004484	300	6	Burst to 8" - 4 svc	\$ 32,500	\$ 32,500	Pipe Burst or Replace
392	13	SSMHT0004484-SSMHT0004422	C	SS.GM.T0005148	SSMHT0004484	SSMHT0004422	994	6	Point Repair at 734 ft from 04484	\$ -	\$ -	Monitor in CMOM
393	13	SSMHT0004485-SSMHT0014003	D	SS.GM.T0014107	SSMHT0004485	SSMHT0014003	136	6	Point Repair at 80 ft from 04485	\$ 4,750	\$ 4,750	Point Repair
394	13	SSMHT0004486-SSMHT0002976	E	SS.GM.T0008265	SSMHT0004486	SSMHT0002976	566	6	Point Repair at 27 ft from 02967 & 78 and 533 ft from 04486	\$ 14,250	\$ 14,250	Point Repair
395	13	SSMHT0004487-SSMHT0004453	C	SS.GM.T0004146	SSMHT0004487	SSMHT0004453	189	6	Point Repair at 130 ft from 04487	\$ -	\$ -	Monitor in CMOM
396	13	SSMHT0004488-SSMHT0004453	E	SS.GM.T0004147	SSMHT0004488	SSMHT0004453	316	6	Point Repairs at 65, 123 and 143 ft from 04488	\$ 14,250	\$ 14,250	Point Repair
397	13	SSMHT0004503-SSMHT0004504	B	SS.GM.T0003885	SSMHT0004503	SSMHT0004504	93	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
398	13	SSMHT0004504-SSMHT0003126	B	SS.GM.T0008215	SSMHT0004504	SSMHT0003126	203	42	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
399	13	SSMHT0004507-SSMHT0004503	C	SS.GM.T0004138	SSMHT0004507	SSMHT0004503	317	24	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
400	13	SSMHT0004509-SSMHT0013094	B	SS.GM.T0013408	SSMHT0004509	SSMHT0013094	187	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
401	13	SSMHT0004510-SSMHT0004509	B	SS.GM.T0008218	SSMHT0004510	SSMHT0004509	311	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
402	13	SSMHT0004511-SSMHT0004597	D	SS.GM.T0004843	SSMHT0004511	SSMHT0004597	327	6	Point Repair at 34 ft from 04511	\$ 4,750	\$ 4,750	Point Repair
403	13	SSMHT0004512-SSMHT0002793	B	SS.GM.T0004168	SSMHT0004512	SSMHT0002793	146	36	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
404	13	SSMHT0004513-SSMHT0004512	B	SS.GM.T0003879	SSMHT0004513	SSMHT0004512	166	32	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
405	13	SSMHT0004515-SSMHT0012984	B	SS.GM.T0008212	SSMHT0004515	SSMHT0012984	221	30	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
406	13	SSMHT0004519-SSMHT0003087	B	SS.GM.T0004155	SSMHT0004519	SSMHT0003087	380	36	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
407	13	SSMHT0004532-SSMHT0002976	B	SS.GM.T0004140	SSMHT0004532	SSMHT0002976	360	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
408	13	SSMHT0004532-SSMHT0004485	C	SS.GM.T0004142	SSMHT0004532	SSMHT0004485	573	6	Point Repairs at 109 and 309 ft from 04532	\$ -	\$ -	Monitor in CMOM
409	13	SSMHT0004533-SSMHT0002736	C	SS.GM.T0005170	SSMHT0004533	SSMHT0002736	258	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
410	13	SSMHT0004541-SSMHT0004542	B	SS.GM.T0004152	SSMHT0004541	SSMHT0004542	27	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
411	13	SSMHT0004542-SSMHT0004540	B	SS.GM.T0004153	SSMHT0004542	SSMHT0004540	12	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
412	13	SSMHT0004543-SSMHT0002299	E	SS.GM.T0006347	SSMHT0004543	SSMHT0002299	371	6	Burst to 8" - 8 svc	\$ 45,535	\$ 45,535	Pipe Burst or Replace
413	13	SSMHT0004547-SSMHT0004548	C	SS.GM.T0006869	SSMHT0004547	SSMHT0004548	344	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM



Remedial Measure Description	Quantity	Remediation Plan
Access; Clean and Inspection (I.f.)	22,933	\$ 271,280
Pipe Burst or Replace (I.f.)	24,604	\$ 2,811,731
Point Repair (ea.)	570	\$ 2,707,250
Replace Mainline (I.f.)	816	\$ 163,200
Cured In Place Pipe Liner (I.f.)	1,595	\$ 126,125
Total Remedial Measures		\$ 6,079,586
Deferred for Capacity Analysis		\$ 145,200
Group 2 Mainline Remedial Measures		\$ 5,934,386

Group 2 - Mainline Condition Remedial Measures Summary - Basin 13

Item	Basin	Pipe Segment	Rating	City Pipe Asset ID	Upstream Manhole	Downstream Manhole	Pipe Length	Pipe Diameter	Preliminary Rehabilitation Recommendation	Repair Cost	Recommended	Remediation Plan
414	13	SSMHT0004548-SSMHT0004549	C	SS.GM.T0003697	SSMHT0004548	SSMHT0004549	372	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
415	13	SSMHT0004549-SSMHT0004550	D	SS.GM.T0003696	SSMHT0004549	SSMHT0004550	656	6	Burst to 8" - 10 svc	\$ 73,260	\$ 73,260	Pipe Burst or Replace
416	13	SSMHT0004550-SSMHT0003056	C	SS.GM.T0006374	SSMHT0004550	SSMHT0003056	363	6	Point Repair at 161 ft from 04550	\$ -	\$ -	Monitor in CMOM
417	13	SSMHT0004563-SSMHT0004564	C	SS.GM.T0003888	SSMHT0004563	SSMHT0004564	165	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
418	13	SSMHT0004564-SSMHT0003053	C	SS.GM.T0006367	SSMHT0004564	SSMHT0003053	322	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
419	13	SSMHT0004565-SSMHT0003067	C	SS.GM.T0008241	SSMHT0004565	SSMHT0003067	361	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
420	13	SSMHT0004566-SSMHT0000772	B	SS.GM.T0006508	SSMHT0004566	SSMHT0000772	186	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
421	13	SSMHT0004567-SSMHT0004568	C	SS.GM.T0008240	SSMHT0004567	SSMHT0004568	301	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
422	13	SSMHT0004568-SSMHT0003012	D	SS.GM.T0006370	SSMHT0004568	SSMHT0003012	388	8	Point Repairs at 207 & 271 ft from 04568	\$ 9,500	\$ 9,500	Point Repair
423	13	SSMHT0004569-SSMHT0003013	B	SS.GM.T0005577	SSMHT0004569	SSMHT0003013	79	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
424	13	SSMHT0004570-SSMHT0013600	B	SS.GM.T0008271	SSMHT0004570	SSMHT0013600	95	24	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
425	13	SSMHT0004571-SSMHT0004624	B	SS.GM.T0008272	SSMHT0004571	SSMHT0004624	97	24	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
426	13	SSMHT0004572-SSMHT0004571	B	SS.GM.T0006871	SSMHT0004572	SSMHT0004571	17	24	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
427	13	SSMHT0004573-SSMHT0004572	B	SS.GM.T0008273	SSMHT0004573	SSMHT0004572	67	24	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
428	13	SSMHT0004575-SSMHT0004576	B	SS.GM.T0004849	SSMHT0004575	SSMHT0004576	96	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
429	13	SSMHT0004576-SSMHT0004577	B	SS.GM.T0004848	SSMHT0004576	SSMHT0004577	36	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
430	13	SSMHT0004577-SSMHT0004591	B	SS.GM.T0004861	SSMHT0004577	SSMHT0004591	262	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
431	13	SSMHT0004578-SSMHT0004577	B	SS.GM.T0004860	SSMHT0004578	SSMHT0004577	120	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
432	13	SSMHT0004579-SSMHT0010013	B	SS.GM.T0004856	SSMHT0004579	SSMHT0010013	193	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
433	13	SSMHT0004580-SSMHT0004581	B	SS.GM.T0004857	SSMHT0004580	SSMHT0004581	32	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
434	13	SSMHT0004581-SSMHT0004582	B	SS.GM.T0004858	SSMHT0004581	SSMHT0004582	54	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
435	13	SSMHT0004582-SSMHT0004578	B	SS.GM.T0004859	SSMHT0004582	SSMHT0004578	180	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
436	13	SSMHT0004583-SSMHT0004584	D	SS.GM.T0008280	SSMHT0004583	SSMHT0004584	287	6	Point Repair at 214 ft from 04584	\$ 4,750	\$ 4,750	Point Repair
437	13	SSMHT0004584-SSMHT0004585	B	SS.GM.T0008279	SSMHT0004584	SSMHT0004585	121	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
438	13	SSMHT0004585-SSMHT0004586	C	SS.GM.T0008277	SSMHT0004585	SSMHT0004586	514	6	Point Repair at 246 and 300 ft from 04585	\$ -	\$ -	Monitor in CMOM
439	13	SSMHT0004586-SSMHT0004588	D	SS.GM.T0005134	SSMHT0004586	SSMHT0004588	547	6	Point Repair at 326 and 458 ft from 04586	\$ 9,500	\$ 9,500	Point Repair
440	13	SSMHT0004587-SSMHT0004586	C	SS.GM.T0008276	SSMHT0004587	SSMHT0004586	346	6	Point Repair at 50, 96, 180 and 349 ft from 04586	\$ -	\$ -	Monitor in CMOM
441	13	SSMHT0004588-SSMHT0004598	C	SS.GM.T0005352	SSMHT0004588	SSMHT0004598	249	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
442	13	SSMHT0004589-SSMHT0013815	B	SS.GM.T0004864	SSMHT0004589	SSMHT0013815	296	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
443	13	SSMHT0004590-SSMHT0004589	B	SS.GM.T0004863	SSMHT0004590	SSMHT0004589	117	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
444	13	SSMHT0004591-SSMHT0004590	C	SS.GM.T0004862	SSMHT0004591	SSMHT0004590	223	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
445	13	SSMHT0004592-SSMHT0004591	C	SS.GM.T0004854	SSMHT0004592	SSMHT0004591	321	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
446	13	SSMHT0004593-SSMHT0004605	E	SS.GM.T0008447	SSMHT0004593	SSMHT0004605	156	10	Replace Line*	\$ 31,200	\$ 31,200	Replace Mainline
447	13	SSMHT0004596-SSMHT0004622	D	SS.GM.T0003677	SSMHT0004596	SSMHT0004622	876	6	Locate and Expose 04596; Clean and CCTV	\$ 10,110	\$ 10,110	Access; Clean and Inspection
448	13	SSMHT0004597-SSMHT0004598	C	SS.GM.T0004841	SSMHT0004597	SSMHT0004598	234	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
449	13	SSMHT0004598-SSMHT0004599	D	SS.GM.T0004844	SSMHT0004598	SSMHT0004599	505	6	Point Repair at 43, 465 and 486 ft from 04598	\$ 14,250	\$ 14,250	Point Repair
450	13	SSMHT0004599-SSMHT0004601	B	SS.GM.T0003883	SSMHT0004599	SSMHT0004601	109	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
451	13	SSMHT0004600-SSMHT0004601	B	SS.GM.T0008282	SSMHT0004600	SSMHT0004601	109	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
452	13	SSMHT0004601-SSMHT0012935	D	SS.GM.T0008449	SSMHT0004601	SSMHT0012935	349	10	Point Repair at 267 and 286 ft from 04601	\$ 9,500	\$ 9,500	Point Repair
453	13	SSMHT0004602-SSMHT0012063	B	SS.GM.T0014005	SSMHT0004602	SSMHT0012063	7	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
454	13	SSMHT0004603-SSMHT0004604	C	SS.GM.T0008286	SSMHT0004603	SSMHT0004604	100	18	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
455	13	SSMHT0004604-SSMHT0004605	B	SS.GM.T0008285	SSMHT0004604	SSMHT0004605	197	18	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
456	13	SSMHT0004605-SSMHT0003119	B	SS.GM.T0008284	SSMHT0004605	SSMHT0003119	304	18	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
457	13	SSMHT0004606-SSMHT0014058	B	SS.GM.T0005792	SSMHT0004606	SSMHT0014058	118	24	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
458	13	SSMHT0004607-SSMHT0003118	B	SS.GM.T0008288	SSMHT0004607	SSMHT0003118	31	24	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
459	13	SSMHT0004608-SSMHT0004607	B	SS.GM.T0003678	SSMHT0004608	SSMHT0004607	16	24	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
460	13	SSMHT0004609-SSMHT0004608	B	SS.GM.T0008289	SSMHT0004609	SSMHT0004608	14	24	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
461	13	SSMHT0004610-SSMHT0004609	B	SS.GM.T0008290	SSMHT0004610	SSMHT0004609	147	24	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
462	13	SSMHT0004611-SSMHT0004610	B	SS.GM.T0008291	SSMHT0004611	SSMHT0004610	199	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
463	13	SSMHT0004614-SSMHT0004615	B	SS.GM.T0008453	SSMHT0004614	SSMHT0004615	214	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
464	13	SSMHT0004615-SSMHT0004616	B	SS.GM.T0004172	SSMHT0004615	SSMHT0004616	249	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
465	13	SSMHT0004616-SSMHT0004617	B	SS.GM.T0004173	SSMHT0004616	SSMHT0004617	219	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
466	13	SSMHT0004617-SSMHT0001260	B	SS.GM.T0005789	SSMHT0004617	SSMHT0001260	364	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
467	13	SSMHT0004618-SSMHT0003131	C	SS.GM.T0008823	SSMHT0004618	SSMHT0003131	215	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
468	13	SSMHT0004619-SSMHT0005657	D	SS.GM.T0004192	SSMHT0004619	SSMHT0005657	205	6	Point Repairs at 39 and 200.8 ft from 04619	\$ 9,500	\$ 9,500	Point Repair
469	13	SSMHT0004620-SSMHT0003130	C	SS.GM.T0008450	SSMHT0004620	SSMHT0003130	238	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
470	13	SSMHT0004621-SSMHT0012935	C	SS.GM.T0005798	SSMHT0004621	SSMHT0012935	188	4	Point Repairs at 52 and 117 ft from 04621	\$ -	\$ -	Monitor in CMOM
471	13	SSMHT0004622-SSMHT0004570	C	SS.GM.T0013339	SSMHT0004622	SSMHT0004570	50	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
472	13	SSMHT0004623-SSMHT0003118	D	SS.GM.T0008455	SSMHT0004623	SSMHT0003118	10	8	Access; Clean and Inspection	\$ 300	\$ 300	Access; Clean and Inspection



Remedial Measure Description	Quantity	Remediation Plan
Access; Clean and Inspection (I.f.)	22,933	\$ 271,280
Pipe Burst or Replace (I.f.)	24,604	\$ 2,811,731
Point Repair (ea.)	570	\$ 2,707,250
Replace Mainline (I.f.)	816	\$ 163,200
Cured In Place Pipe Liner (I.f.)	1,595	\$ 126,125
Total Remedial Measures		\$ 6,079,586
Deferred for Capacity Analysis		\$ 145,200
Group 2 Mainline Remedial Measures		\$ 5,934,386

Group 2 - Mainline Condition Remedial Measures Summary - Basin 13

Item	Basin	Pipe Segment	Rating	City Pipe Asset ID	Upstream Manhole	Downstream Manhole	Pipe Length	Pipe Diameter	Preliminary Rehabilitation Recommendation	Repair Cost	Recommended	Remediation Plan
473	13	SSMHT0004624-SSMHT0004570	B	SS.GM.T0003670	SSMHT0004624	SSMHT0004570	56	24	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
474	13	SSMHT0004625-SSMHT0004624	B	SS.GM.T0008456	SSMHT0004625	SSMHT0004624	41	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
475	13	SSMHT0004626-SSMHT0004627	B	SS.GM.T0005791	SSMHT0004626	SSMHT0004627	61	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
476	13	SSMHT0004627-SSMHT0004625	B	SS.GM.T0008457	SSMHT0004627	SSMHT0004625	172	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
477	13	SSMHT0004648-SSMHT0005694	C	SS.GM.T0004668	SSMHT0004648	SSMHT0005694	205	6	Point Repair at 34 ft from 04648	\$ -	\$ -	Monitor in CMOM
478	13	SSMHT0004657-SSMHT0005085	B	SS.GM.T0008685	SSMHT0004657	SSMHT0005085	336	6	Assign to high frequency cleaning - tuberculation	\$ 504	\$ -	Add to High Frequency Cleaning in CMOM
479	13	SSMHT0004686-SSMHT0004687	D	SS.GM.T0008974	SSMHT0004686	SSMHT0004687	756	6	Burst to 8" - 26 svc	\$ 109,760	\$ 109,760	Pipe Burst or Replace
480	13	SSMHT0004687-SSMHT0012852	C	SS.GM.T0008740	SSMHT0004687	SSMHT0012852	358	6	Add to Root Removal Schedule	\$ 627	\$ -	Add to Root Removal Program in CMOM
481	13	SSMHT0004688-SSMHT0004689	D	SS.GM.T0008976	SSMHT0004688	SSMHT0004689	196	6	Point Repair at 176 ft from 04688	\$ 4,750	\$ 4,750	Point Repair
482	13	SSMHT0004689-SSMHT0004879	D	SS.GM.T0009302	SSMHT0004689	SSMHT0004879	218	6	Point Repairs at 90 and 129 ft from 03265	\$ 9,500	\$ 9,500	Point Repair
483	13	SSMHT0004690-SSMHT0003177	B	SS.GM.T0009287	SSMHT0004690	SSMHT0003177	136	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
484	13	SSMHT0004691-SSMHT0004690	C	SS.GM.T0008023	SSMHT0004691	SSMHT0004690	246	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
485	13	SSMHT0004692-SSMHT0004691	D	SS.GM.T0006325	SSMHT0004692	SSMHT0004691	182	6	Point Repair at 138 ft from 04692	\$ 4,750	\$ 4,750	Point Repair
486	13	SSMHT0004693-SSMHT0004692	D	SS.GM.T0006276	SSMHT0004693	SSMHT0004692	367	6	Burst to 8" - 4 svc	\$ 38,195	\$ 38,195	Pipe Burst or Replace
487	13	SSMHT0004694-SSMHT0004695	B	SS.GM.T0008980	SSMHT0004694	SSMHT0004695	342	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
488	13	SSMHT0004695-SSMHT0004696	D	SS.GM.T0006277	SSMHT0004695	SSMHT0004696	342	6	Point Repair at 14 ft from 04695	\$ 4,750	\$ 4,750	Point Repair
489	13	SSMHT0004696-SSMHT0004691	D	SS.GM.T0008979	SSMHT0004696	SSMHT0004691	175	6	Point Repair at 93 ft from 04696	\$ 4,750	\$ 4,750	Point Repair
490	13	SSMHT0004697-SSMHT0006839	B	SS.GM.T0008970	SSMHT0004697	SSMHT0006839	31	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
491	13	SSMHT0004698-SSMHT0004699	C	SS.GM.T0006081	SSMHT0004698	SSMHT0004699	248	6	Add to Root Removal Schedule	\$ 434	\$ -	Add to Root Removal Program in CMOM
492	13	SSMHT0004699-SSMHT0012910	C	SS.GM.T0006077	SSMHT0004699	SSMHT0012910	309	6	Add to Root Removal Schedule	\$ 541	\$ -	Add to Root Removal Program in CMOM
493	13	SSMHT0004700-SSMHT0004698	B	SS.GM.T0006080	SSMHT0004700	SSMHT0004698	80	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
494	13	SSMHT0004701-SSMHT0003183	E	SS.GM.T0008992	SSMHT0004701	SSMHT0003183	361	6	Point Repair at 200 ft from 03183	\$ 4,750	\$ 4,750	Point Repair
495	13	SSMHT0004702-SSMHT0012911	D	SS.GM.T0006090	SSMHT0004702	SSMHT0012911	215	6	Point Repair at 1 ft from 04702	\$ 4,750	\$ 4,750	Point Repair
496	13	SSMHT0004703-SSMHT0004705	C	SS.GM.T0006271	SSMHT0004703	SSMHT0004705	640	6	Point Repair at 362 and 410 ft from 04703	\$ -	\$ -	Monitor in CMOM
497	13	SSMHT0004704-SSMHT0003191	C	SS.GM.T0006263	SSMHT0004704	SSMHT0003191	360	6	Point Repair at 272 ft from 03141	\$ -	\$ -	Monitor in CMOM
498	13	SSMHT0004704-SSMHT0004706	D	SS.GM.T0009379	SSMHT0004704	SSMHT0004706	640	6	Point Repairs at 255 ft from 04704.	\$ 4,750	\$ 4,750	Point Repair
499	13	SSMHT0004705-SSMHT0004706	C	SS.GM.T0006305	SSMHT0004705	SSMHT0004706	360	6	Point Repairs at 38, 103 and 180 ft from 04705	\$ -	\$ -	Monitor in CMOM
500	13	SSMHT0004706-SSMHT0012912	C	SS.GM.T0006302	SSMHT0004706	SSMHT0012912	40	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
501	13	SSMHT0004707-SSMHT0003189	C	SS.GM.T0006300	SSMHT0004707	SSMHT0003189	361	6	Point Repairs at 82, 104, 167 and 236 ft from 04707	\$ -	\$ -	Monitor in CMOM
502	13	SSMHT0004708-SSMHT0004707	E	SS.GM.T0006301	SSMHT0004708	SSMHT0004707	359	6	Point Repairs at 41, 104 and 110 ft from 04708	\$ 14,250	\$ 14,250	Point Repair
503	13	SSMHT0004709-SSMHT0014038	C	SS.GM.T0008995	SSMHT0004709	SSMHT0014038	444	6	Point Repair at 3 and 206 ft from 04709	\$ -	\$ -	Monitor in CMOM
504	13	SSMHT0004710-SSMHT0004701	E	SS.GM.T0008993	SSMHT0004710	SSMHT0004701	360	6	Point Repair at 215 ft from 04710	\$ 4,750	\$ 4,750	Point Repair
505	13	SSMHT0004711-SSMHT0004713	C	SS.GM.T0006096	SSMHT0004711	SSMHT0004713	436	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
506	13	SSMHT0004712-SSMHT0004709	D	SS.GM.T0006095	SSMHT0004712	SSMHT0004709	390	6	Point Repairs at 169 and 359 ft from 04712	\$ 9,500	\$ 9,500	Point Repair
507	13	SSMHT0004713-SSMHT0004710	C	SS.GM.T0006099	SSMHT0004713	SSMHT0004710	360	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
508	13	SSMHT0004714-SSMHT0004712	E	SS.GM.T0006269	SSMHT0004714	SSMHT0004712	358	6	Point Repairs at 100, 212, 294 and 334 ft from 04714	\$ 19,000	\$ 19,000	Point Repair
509	13	SSMHT0004715-SSMHT0004716	B	SS.GM.T0009067	SSMHT0004715	SSMHT0004716	143	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
510	13	SSMHT0004716-SSMHT0014046	B	SS.GM.T0005844	SSMHT0004716	SSMHT0014046	357	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
511	13	SSMHT0004716-SSMHT0004717	B	SS.GM.T0009066	SSMHT0004716	SSMHT0004717	45	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
512	13	SSMHT0004717-SSMHT0004726	B	SS.GM.T0009065	SSMHT0004717	SSMHT0004726	139	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
513	13	SSMHT0004718-SSMHT0004841	B	SS.GM.T0006044	SSMHT0004718	SSMHT0004841	676	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
514	13	SSMHT0004720-SSMHT0004721	B	SS.GM.T0006042	SSMHT0004720	SSMHT0004721	227	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
515	13	SSMHT0004721-SSMHT0004722	B	SS.GM.T0006041	SSMHT0004721	SSMHT0004722	123	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
516	13	SSMHT0004722-SSMHT0004718	B	SS.GM.T0006045	SSMHT0004722	SSMHT0004718	197	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
517	13	SSMHT0004723-SSMHT0004718	D	SS.GM.T0009069	SSMHT0004723	SSMHT0004718	176	6	Burst to 8" - 0 svc	\$ 14,960	\$ 14,960	Pipe Burst or Replace
518	13	SSMHT0004724-SSMHT0004715	B	SS.GM.T0009068	SSMHT0004724	SSMHT0004715	251	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
519	13	SSMHT0004725-SSMHT0004724	C	SS.GM.T0009077	SSMHT0004725	SSMHT0004724	163	8	Point Repair at 133 ft from 04725	\$ -	\$ -	Monitor in CMOM
520	13	SSMHT0004726-SSMHT0003215	B	SS.GM.T0009076	SSMHT0004726	SSMHT0003215	142	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
521	13	SSMHT0004727-SSMHT0004726	B	SS.GM.T0005840	SSMHT0004727	SSMHT0004726	21	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
522	13	SSMHT0004728-SSMHT0004727	C	SS.GM.T0005841	SSMHT0004728	SSMHT0004727	248	8	Point Repairs at 76 ft from 14046	\$ -	\$ -	Monitor in CMOM
523	13	SSMHT0004730-SSMHT0004749	B	SS.GM.T0009064	SSMHT0004730	SSMHT0004749	140	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
524	13	SSMHT0004731-SSMHT0014082	B	SS.GM.T0009072	SSMHT0004731	SSMHT0014082	151	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
525	13	SSMHT0004732-SSMHT0004750	B	SS.GM.T0005833	SSMHT0004732	SSMHT0004750	70	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
526	13	SSMHT0004734-SSMHT0004733	B	SS.GM.T0005830	SSMHT0004734	SSMHT0004733	19	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
527	13	SSMHT0004735-SSMHT0012846	B	SS.GM.T0008061	SSMHT0004735	SSMHT0012846	88	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
528	13	SSMHT0004736-SSMHT0012840	D	SS.GM.T0009057	SSMHT0004736	SSMHT0012840	203	6	Access; Clean and Inspection	\$ 2,230	\$ 2,230	Access; Clean and Inspection
529	13	SSMHT0004737-SSMHT0003260	C	SS.GM.T0008058	SSMHT0004737	SSMHT0003260	388	6	Point Repair at 7 and 260 ft from 03260	\$ -	\$ -	Monitor in CMOM
530	13	SSMHT0004740-SSMHT0003220	C	SS.GM.T0009078	SSMHT0004740	SSMHT0013325	216	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
531	13	SSMHT0004741-SSMHT0003229	D	SS.GM.T0008079	SSMHT0004741	SSMHT0003229	101	8	Point Repair at 2 ft from 04741	\$ 4,750	\$ 4,750	Point Repair



Remedial Measure Description	Quantity	Remediation Plan
Access; Clean and Inspection (I.f.)	22,933	\$ 271,280
Pipe Burst or Replace (I.f.)	24,604	\$ 2,811,731
Point Repair (ea.)	570	\$ 2,707,250
Replace Mainline (I.f.)	816	\$ 163,200
Cured In Place Pipe Liner (I.f.)	1,595	\$ 126,125
Total Remedial Measures		\$ 6,079,586
Deferred for Capacity Analysis		\$ 145,200
Group 2 Mainline Remedial Measures		\$ 5,934,386

Group 2 - Mainline Condition Remedial Measures Summary - Basin 13

Item	Basin	Pipe Segment	Rating	City Pipe Asset ID	Upstream Manhole	Downstream Manhole	Pipe Length	Pipe Diameter	Preliminary Rehabilitation Recommendation	Repair Cost	Recommended	Remediation Plan
532	13	SSMHT0004742-SSMHT0003233	C	SS.GM.T0009083	SSMHT0004742	SSMHT0003233	619	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
533	13	SSMHT0004743-SSMHT0010299	C	SS.GM.T0005091	SSMHT0004743	SSMHT0010299	238	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
534	13	SSMHT0004744-SSMHT0005964	B	SS.GM.T0004874	SSMHT0004744	SSMHT0005964	18	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
535	13	SSMHT0004745-SSMHT0004722	B	SS.GM.T0006046	SSMHT0004745	SSMHT0004722	59	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
536	13	SSMHT0004747-SSMHT0004731	B	SS.GM.T0004871	SSMHT0004747	SSMHT0004731	141	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
537	13	SSMHT0004748-SSMHT0004935	D	SS.GM.T0004893	SSMHT0004748	SSMHT0004935	142	6	Point Repair at 105 and 133 ft from 04935	\$ 9,500	\$ 9,500	Point Repair
538	13	SSMHT0004749-SSMHT0004947	D	SS.GM.T0009054	SSMHT0004749	SSMHT0004947	152	10	Burst to 10" - 4 svc	\$ 21,440	\$ 21,440	Pipe Burst or Replace
539	13	SSMHT0004750-SSMHT0004751	C	SS.GM.T0004898	SSMHT0004750	SSMHT0004751	37	6	Assign to high frequency cleaning - tuberculation	\$ 56	\$ -	Add to High Frequency Cleaning in CMOM
540	13	SSMHT0004751-SSMHT0004749	B	SS.GM.T0009063	SSMHT0004751	SSMHT0004749	22	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
541	13	SSMHT0004752-SSMHT0004802	C	SS.GM.T0009010	SSMHT0004752	SSMHT0004802	328	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
542	13	SSMHT0004754-SSMHT0005072	C	SS.GM.T0006197	SSMHT0004754	SSMHT0005072	349	8	Add to Root Removal Schedule	\$ 611	\$ -	Add to Root Removal Program in CMOM
543	13	SSMHT0004755-SSMHT0005073	C	SS.GM.T0004782	SSMHT0004755	SSMHT0005073	235	6	Point Repair at 82 ft from 04755	\$ -	\$ -	Monitor in CMOM
544	13	SSMHT0004756-SSMHT0005077	C	SS.GM.T0008967	SSMHT0004756	SSMHT0005077	720	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
545	13	SSMHT0004757-SSMHT0004756	B	SS.GM.T0009018	SSMHT0004757	SSMHT0004756	48	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
546	13	SSMHT0004758-SSMHT0004757	B	SS.GM.T0009019	SSMHT0004758	SSMHT0004757	639	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
547	13	SSMHT0004759-SSMHT0005099	C	SS.GM.T0004778	SSMHT0004759	SSMHT0005099	349	8	Point Repair at 18 and 238 ft from 04759	\$ -	\$ -	Monitor in CMOM
548	13	SSMHT0004760-SSMHT0012952	C	SS.GM.T0009021	SSMHT0004760	SSMHT0012952	159	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
549	13	SSMHT0004761-SSMHT0012951	D	SS.GM.T0009274	SSMHT0004761	SSMHT0012951	197	6	Burst to 8" - 4 svc	\$ 23,745	\$ 23,745	Pipe Burst or Replace
550	13	SSMHT0004762-SSMHT0014067	B	SS.GM.T0006227	SSMHT0004762	SSMHT0014067	338	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
551	13	SSMHT0004763-SSMHT0014060	B	SS.GM.T0008024	SSMHT0004763	SSMHT0014060	268	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
552	13	SSMHT0004764-SSMHT0004766	D	SS.GM.T0009023	SSMHT0004764	SSMHT0004766	104	6	Burst to 8" - 0 svc	\$ 8,840	\$ 8,840	Pipe Burst or Replace
553	13	SSMHT0004765-SSMHT0004764	D	SS.GM.T0006235	SSMHT0004765	SSMHT0004764	52	6	CIPP - 0 svc	\$ 3,900	\$ 3,900	Cured In Place Pipe Liner
554	13	SSMHT0004766-SSMHT0004763	D	SS.GM.T0009022	SSMHT0004766	SSMHT0004763	171	6	Burst to 8" - 0 svc	\$ 14,535	\$ 14,535	Pipe Burst or Replace
555	13	SSMHT0004767-SSMHT0004764	D	SS.GM.T0006218	SSMHT0004767	SSMHT0004764	739	6	Burst to 8" - 11 svc	\$ 82,065	\$ 82,065	Pipe Burst or Replace
556	13	SSMHT0004768-SSMHT0004769	D	SS.GM.T0009025	SSMHT0004768	SSMHT0004769	111	6	Point Repair at 10 ft from 04769	\$ 4,750	\$ 4,750	Point Repair
557	13	SSMHT0004769-SSMHT0004764	C	SS.GM.T0009024	SSMHT0004769	SSMHT0004764	356	6	Point Repair at 247 ft from 04874 and Add to Root Removal Schedule	\$ 623	\$ -	Add to Root Removal Program in CMOM
558	13	SSMHT0004770-SSMHT0004769	C	SS.GM.T0006248	SSMHT0004770	SSMHT0004769	316	6	Point Repair at 128 ft from 04770	\$ -	\$ -	Monitor in CMOM
559	13	SSMHT0004771-SSMHT0004762	C	SS.GM.T0006228	SSMHT0004771	SSMHT0004762	267	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
560	13	SSMHT0004772-SSMHT0003206	C	SS.GM.T0009007	SSMHT0004772	SSMHT0003206	235	6	Point Repair at 110 ft from 04772	\$ -	\$ -	Monitor in CMOM
561	13	SSMHT0004773-SSMHT0004787	B	SS.GM.T0009273	SSMHT0004773	SSMHT0004787	58	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
562	13	SSMHT0004774-SSMHT0004775	C	SS.GM.T0006215	SSMHT0004774	SSMHT0004775	385	6	Point Repairs at 122 and 197 ft from 04774	\$ -	\$ -	Monitor in CMOM
563	13	SSMHT0004775-SSMHT0004789	C	SS.GM.T0006213	SSMHT0004775	SSMHT0004789	368	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
564	13	SSMHT0004776-SSMHT0004787	C	SS.GM.T0006221	SSMHT0004776	SSMHT0004787	214	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
565	13	SSMHT0004777-SSMHT0004778	D	SS.GM.T0006083	SSMHT0004777	SSMHT0004778	1034	6	Point Repairs at 129, 249, 755 and 937 ft from 04777	\$ 19,000	\$ 19,000	Point Repair
566	13	SSMHT0004778-SSMHT0006838	D	SS.GM.T0008964	SSMHT0004778	SSMHT0006838	303	6	Burst to 8" - 10 svc	\$ 43,255	\$ 43,255	Pipe Burst or Replace
567	13	SSMHT0004779-SSMHT0004754	B	SS.GM.T0006205	SSMHT0004779	SSMHT0004754	207	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
568	13	SSMHT0004780-SSMHT0004754	C	SS.GM.T0006204	SSMHT0004780	SSMHT0004754	124	6	Point Repairs at 0 to 15 and 114 ft from 04780	\$ -	\$ -	Monitor in CMOM
569	13	SSMHT0004781-SSMHT0005049	C	SS.GM.T0008965	SSMHT0004781	SSMHT0005049	344	6	Point Repairs at 2, 111, 159 and 242 ft from 04781	\$ -	\$ -	Monitor in CMOM
570	13	SSMHT0004782-SSMHT0014061	D	SS.GM.T0006207	SSMHT0004782	SSMHT0014061	502	6	Burst to 8" - 0 svc	\$ 42,670	\$ 42,670	Pipe Burst or Replace
571	13	SSMHT0004783-SSMHT0004780	D	SS.GM.T0009032	SSMHT0004783	SSMHT0004780	557	6	Point Repair at 276 and 433 ft from 04780	\$ 9,500	\$ 9,500	Point Repair
572	13	SSMHT0004784-SSMHT0004779	B	SS.GM.T0009301	SSMHT0004784	SSMHT0004779	562	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
573	13	SSMHT0004785-SSMHT0014059	C	SS.GM.T0009027	SSMHT0004785	SSMHT0014059	196	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
574	13	SSMHT0004786-SSMHT0004789	D	SS.GM.T0009031	SSMHT0004786	SSMHT0004789	385	6	Point Repairs at 14 and 315 ft from 04789	\$ 9,500	\$ 9,500	Point Repair
575	13	SSMHT0004787-SSMHT0004788	C	SS.GM.T0009300	SSMHT0004787	SSMHT0004788	387	8	Point Repair at 375 ft from 04787	\$ -	\$ -	Monitor in CMOM
576	13	SSMHT0004788-SSMHT0004784	B	SS.GM.T0006210	SSMHT0004788	SSMHT0004784	572	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
577	13	SSMHT0004789-SSMHT0004783	D	SS.GM.T0009033	SSMHT0004789	SSMHT0004783	561	6	Point Repair at 272 and 491 ft from 04789	\$ 9,500	\$ 9,500	Point Repair
578	13	SSMHT0004790-SSMHT0005844	C	SS.GM.T0004801	SSMHT0004790	SSMHT0005844	335	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
579	13	SSMHT0004791-SSMHT0004755	B	SS.GM.T0004783	SSMHT0004791	SSMHT0004755	82	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
580	13	SSMHT0004792-SSMHT0004793	B	SS.GM.T0004786	SSMHT0004792	SSMHT0004793	71	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
581	13	SSMHT0004793-SSMHT0004794	D	SS.GM.T0008073	SSMHT0004793	SSMHT0004794	22	6	Burst to 8" - 2 svc	\$ 5,370	\$ 5,370	Pipe Burst or Replace
582	13	SSMHT0004794-SSMHT0004795	D	SS.GM.T0009038	SSMHT0004794	SSMHT0004795	304	6	Point Repairs at 5 ft from 04794*	\$ 4,750	\$ 4,750	Point Repair
583	13	SSMHT0004795-SSMHT0014063	B	SS.GM.T0009037	SSMHT0004795	SSMHT0014063	706	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
584	13	SSMHT0004796-SSMHT0004797	C	SS.GM.T0009036	SSMHT0004796	SSMHT0004797	53	6	Add to Root Removal Schedule	\$ 93	\$ -	Add to Root Removal Program in CMOM
585	13	SSMHT0004797-SSMHT0004798	C	SS.GM.T0009035	SSMHT0004797	SSMHT0004798	249	6	Add to Root Removal Schedule	\$ 436	\$ -	Add to Root Removal Program in CMOM
586	13	SSMHT0004798-SSMHT0004799	C	SS.GM.T0009034	SSMHT0004798	SSMHT0004799	238	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
587	13	SSMHT0004799-SSMHT0014078	B	SS.GM.T0008968	SSMHT0004799	SSMHT0014078	362	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
588	13	SSMHT0004800-SSMHT0004799	B	SS.GM.T0008040	SSMHT0004800	SSMHT0004799	219	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
589	13	SSMHT0004801-SSMHT0014075	C	SS.GM.T0004811	SSMHT0004801	SSMHT0014075	609	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
590	13	SSMHT0004802-SSMHT0005959	C	SS.GM.T0009009	SSMHT0004802	SSMHT0005959	260	12	Remove Roots and CIPP - 0 svc	\$ -	\$ -	Monitor in CMOM



Remedial Measure Description	Quantity	Remediation Plan
Access; Clean and Inspection (I.f.)	22,933	\$ 271,280
Pipe Burst or Replace (I.f.)	24,604	\$ 2,811,731
Point Repair (ea.)	570	\$ 2,707,250
Replace Mainline (I.f.)	816	\$ 163,200
Cured In Place Pipe Liner (I.f.)	1,595	\$ 126,125
Total Remedial Measures		\$ 6,079,586
Deferred for Capacity Analysis		\$ 145,200
Group 2 Mainline Remedial Measures		\$ 5,934,386

Group 2 - Mainline Condition Remedial Measures Summary - Basin 13

Item	Basin	Pipe Segment	Rating	City Pipe Asset ID	Upstream Manhole	Downstream Manhole	Pipe Length	Pipe Diameter	Preliminary Rehabilitation Recommendation	Repair Cost	Recommended	Remediation Plan
591	13	SSMHT0004803-SSMHT0013590	B	SS.GM.T0014205	SSMHT0004803	SSMHT0013590	68	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
592	13	SSMHT0004804-SSMHT0004803	C	SS.GM.T0009041	SSMHT0004804	SSMHT0004803	311	8	Sectional liner 130 to 230 ft from 03130	\$ -	\$ -	Monitor in CMOM
593	13	SSMHT0004805-SSMHT0004810	C	SS.GM.T0004828	SSMHT0004805	SSMHT0004810	402	6	Point Repair at 120 ft from 04811	\$ -	\$ -	Monitor in CMOM
594	13	SSMHT0004806-SSMHT0004793	D	SS.GM.T0009040	SSMHT0004806	SSMHT0004793	323	6	Burst to 8" - 2 svc	\$ 30,955	\$ 30,955	Pipe Burst or Replace
595	13	SSMHT0004807-SSMHT0004817	C	SS.GM.T0004819	SSMHT0004807	SSMHT0004817	594	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
596	13	SSMHT0004809-SSMHT0004808	D	SS.GM.T0009043	SSMHT0004809	SSMHT0004808	42	6	Locate and Expose 04808; Clean and CCTV	\$ 1,770	\$ 1,770	Access; Clean and Inspection
597	13	SSMHT0004810-SSMHT0004809	C	SS.GM.T0009044	SSMHT0004810	SSMHT0004809	228	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
598	13	SSMHT0004811-SSMHT0003207	D	SS.GM.T0009288	SSMHT0004811	SSMHT0003207	210	6	Point Repairs at 22 ft from 04811	\$ 4,750	\$ 4,750	Point Repair
599	13	SSMHT0004812-SSMHT0004813	B	SS.GM.T0004836	SSMHT0004812	SSMHT0004813	107	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
600	13	SSMHT0004813-SSMHT0004814	B	SS.GM.T0004835	SSMHT0004813	SSMHT0004814	78	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
601	13	SSMHT0004814-SSMHT0004818	B	SS.GM.T0004834	SSMHT0004814	SSMHT0004818	35	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
602	13	SSMHT0004815-SSMHT0004816	B	SS.GM.T0005781	SSMHT0004815	SSMHT0004816	34	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
603	13	SSMHT0004816-SSMHT0004819	B	SS.GM.T0005780	SSMHT0004816	SSMHT0004819	24	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
604	13	SSMHT0004817-SSMHT0004815	B	SS.GM.T0004817	SSMHT0004817	SSMHT0004815	296	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
605	13	SSMHT0004818-SSMHT0004804	B	SS.GM.T0009042	SSMHT0004818	SSMHT0004804	312	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
606	13	SSMHT0004819-SSMHT0004818	C	SS.GM.T0009005	SSMHT0004819	SSMHT0004818	420	8	Sectional liner 125 to 140 ft from 03130	\$ -	\$ -	Monitor in CMOM
607	13	SSMHT0004820-SSMHT0004771	B	SS.GM.T0009026	SSMHT0004820	SSMHT0004771	321	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
608	13	SSMHT0004821-SSMHT0012839	B	SS.GM.T0006259	SSMHT0004821	SSMHT0012839	280	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
609	13	SSMHT0004822-SSMHT0004823	B	SS.GM.T0006255	SSMHT0004822	SSMHT0004823	417	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
610	13	SSMHT0004823-SSMHT0012836	C	SS.GM.T0006254	SSMHT0004823	SSMHT0012836	297	6	Point Repair at 15 ft from 04823	\$ -	\$ -	Monitor in CMOM
611	13	SSMHT0004824-SSMHT0004768	B	SS.GM.T0009049	SSMHT0004824	SSMHT0004768	662	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
612	13	SSMHT0004825-SSMHT0004824	B	SS.GM.T0006237	SSMHT0004825	SSMHT0004824	346	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
613	13	SSMHT0004826-SSMHT0004825	B	SS.GM.T0006238	SSMHT0004826	SSMHT0004825	346	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
614	13	SSMHT0004829-SSMHT0004828	B	SS.GM.T0004967	SSMHT0004829	SSMHT0004828	306	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
615	13	SSMHT0004830-SSMHT0004819	B	SS.GM.T0009721	SSMHT0004830	SSMHT0004819	488	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
616	13	SSMHT0004831-SSMHT0004830	B	SS.GM.T0005784	SSMHT0004831	SSMHT0004830	377	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
617	13	SSMHT0004832-SSMHT0004875	B	SS.GM.T0006230	SSMHT0004832	SSMHT0004875	577	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
618	13	SSMHT0004833-SSMHT0004876	B	SS.GM.T0009045	SSMHT0004833	SSMHT0004876	143	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
619	13	SSMHT0004834-SSMHT0004836	C	SS.GM.T0009048	SSMHT0004834	SSMHT0004836	927	6	Point Repair at 74 ft from 04836	\$ -	\$ -	Monitor in CMOM
620	13	SSMHT0004835-SSMHT0004830	D	SS.GM.T0009046	SSMHT0004835	SSMHT0004830	406	8	Locate and Expose 04830; Clean and CCTV	\$ 5,410	\$ 5,410	Access; Clean and Inspection
621	13	SSMHT0004836-SSMHT0004835	B	SS.GM.T0005786	SSMHT0004836	SSMHT0004835	27	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
622	13	SSMHT0004837-SSMHT0005130	B	SS.GM.T0006126	SSMHT0004837	SSMHT0005130	152	18	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
623	13	SSMHT0004838-SSMHT0004839	D	SS.GM.T0005839	SSMHT0004838	SSMHT0004839	276	6	Burst to 8" - 13 svc	\$ 46,210	\$ 46,210	Pipe Burst or Replace
624	13	SSMHT0004840-SSMHT0004734	B	SS.GM.T0005831	SSMHT0004840	SSMHT0004734	133	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
625	13	SSMHT0004841-SSMHT0004842	D	SS.GM.T0009073	SSMHT0004841	SSMHT0004842	27	8	Locate and Expose 04842; Clean and CCTV	\$ 1,620	\$ 1,620	Access; Clean and Inspection
626	13	SSMHT0004842-SSMHT0004733	E	SS.GM.T0009713	SSMHT0004842	SSMHT0004733	330	12	Point Repairs at 182 ft from 04842	\$ 4,750	\$ 4,750	Point Repair
627	13	SSMHT0004843-SSMHT0014043	B	SS.GM.T0014160	SSMHT0004843	SSMHT0014043	14	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
628	13	SSMHT0004844-SSMHT0004843	B	SS.GM.T0006839	SSMHT0004844	SSMHT0004843	88	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
629	13	SSMHT0004845-SSMHT0003246	B	SS.GM.T0009099	SSMHT0004845	SSMHT0003246	42	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
630	13	SSMHT0004846-SSMHT0004848	C	SS.GM.T0009107	SSMHT0004846	SSMHT0004848	420	6	Point Repair at 174 ft from 04546	\$ -	\$ -	Monitor in CMOM
631	13	SSMHT0004847-SSMHT0004963	B	SS.GM.T0006051	SSMHT0004847	SSMHT0004963	271	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
632	13	SSMHT0004848-SSMHT0010056	B	SS.GM.T0009106	SSMHT0004848	SSMHT0010056	283	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
633	13	SSMHT0004849-SSMHT0004735	C	SS.GM.T0005085	SSMHT0004849	SSMHT0004735	27	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
634	13	SSMHT0004850-SSMHT0004735	C	SS.GM.T0009108	SSMHT0004850	SSMHT0004735	150	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
635	13	SSMHT0004851-SSMHT0004852	D	SS.GM.T0009110	SSMHT0004851	SSMHT0004852	116	6	Point Repair at 80 ft from 04852	\$ 4,750	\$ 4,750	Point Repair
636	13	SSMHT0004852-SSMHT0004853	C	SS.GM.T0009109	SSMHT0004852	SSMHT0004853	147	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
637	13	SSMHT0004853-SSMHT0004737	C	SS.GM.T0009297	SSMHT0004853	SSMHT0004737	608	6	Point Repairs at 141 and 172 ft from 003244	\$ -	\$ -	Monitor in CMOM
638	13	SSMHT0004854-SSMHT0004853	B	SS.GM.T0009062	SSMHT0004854	SSMHT0004853	33	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
639	13	SSMHT0004856-SSMHT0003264	C	SS.GM.T0008025	SSMHT0004856	SSMHT0003264	177	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
640	13	SSMHT0004857-SSMHT0004873	B	SS.GM.T0009112	SSMHT0004857	SSMHT0004873	36	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
641	13	SSMHT0004858-SSMHT0004859	C	SS.GM.T0009119	SSMHT0004858	SSMHT0004859	339	6	Point Repairs at 1, 56, 173 ft from 04858	\$ -	\$ -	Monitor in CMOM
642	13	SSMHT0004859-SSMHT0004856	C	SS.GM.T0009118	SSMHT0004859	SSMHT0004856	217	6	Point Repair at 181 ft from 04859	\$ -	\$ -	Monitor in CMOM
643	13	SSMHT0004860-SSMHT0004848	C	SS.GM.T0005116	SSMHT0004860	SSMHT0004848	248	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
644	13	SSMHT0004861-SSMHT0004850	D	SS.GM.T0009146	SSMHT0004861	SSMHT0004850	263	6	Point Repair at 77 ft from 03270	\$ 4,750	\$ 4,750	Point Repair
645	13	SSMHT0004862-SSMHT0009662	C	SS.GM.T0006037	SSMHT0004862	SSMHT0009662	354	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
646	13	SSMHT0004863-SSMHT0004849	B	SS.GM.T0009147	SSMHT0004863	SSMHT0004849	245	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
647	13	SSMHT0004864-SSMHT0014041	C	SS.GM.T0009144	SSMHT0004864	SSMHT0014041	495	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
648	13	SSMHT0004865-SSMHT0014166	B	SS.GM.T0006055	SSMHT0004865	SSMHT0014166	428	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
649	13	SSMHT0004866-SSMHT0005032	D	SS.GM.T0006063	SSMHT0004866	SSMHT0005032	432	6	Point Repairs at 52, 233 and 275 ft from 04866	\$ 14,250	\$ 14,250	Point Repair



Remedial Measure Description	Quantity	Remediation Plan
Access; Clean and Inspection (I.f.)	22,933	\$ 271,280
Pipe Burst or Replace (I.f.)	24,604	\$ 2,811,731
Point Repair (ea.)	570	\$ 2,707,250
Replace Mainline (I.f.)	816	\$ 163,200
Cured In Place Pipe Liner (I.f.)	1,595	\$ 126,125
Total Remedial Measures		\$ 6,079,586
Deferred for Capacity Analysis		\$ 145,200
Group 2 Mainline Remedial Measures		\$ 5,934,386

Group 2 - Mainline Condition Remedial Measures Summary - Basin 13

Item	Basin	Pipe Segment	Rating	City Pipe Asset ID	Upstream Manhole	Downstream Manhole	Pipe Length	Pipe Diameter	Preliminary Rehabilitation Recommendation	Repair Cost	Recommended	Remediation Plan
650	13	SSMHT0004867-SSMHT0003307	D	SS.GM.T0006282	SSMHT0004867	SSMHT0003307	439	6	Point Repair at 37 ft from 03307 and Add to Root Removal Schedule	\$ 5,518	\$ 4,750	Point Repair and Add to Root Removal Program in CMOM
651	13	SSMHT0004868-SSMHT0004869	C	SS.GM.T0007073	SSMHT0004868	SSMHT0004869	298	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
652	13	SSMHT0004869-SSMHT0004870	B	SS.GM.T0007070	SSMHT0004869	SSMHT0004870	166	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
653	13	SSMHT0004869-SSMHT0013386	B	SS.GM.T0013540	SSMHT0004869	SSMHT0013386	174	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
654	13	SSMHT0004870-SSMHT0003275	D	SS.GM.T0007068	SSMHT0004870	SSMHT0003275	346	6	Point Repair at 92 ft from 04870	\$ 4,750	\$ 4,750	Point Repair
655	13	SSMHT0004871-SSMHT0004862	D	SS.GM.T0009124	SSMHT0004871	SSMHT0004862	466	6	Burst to 8" - 7 svc	\$ 51,860	\$ 51,860	Pipe Burst or Replace
656	13	SSMHT0004872-SSMHT0004857	C	SS.GM.T0009113	SSMHT0004872	SSMHT0004857	354	6	Point Repair at 210 ft from 04872	\$ -	\$ -	Monitor in CMOM
657	13	SSMHT0004873-SSMHT0014042	C	SS.GM.T0006308	SSMHT0004873	SSMHT0014042	393	6	Point Repairs at 106 and 213 ft from 04873	\$ -	\$ -	Monitor in CMOM
658	13	SSMHT0004874-SSMHT0004705	D	SS.GM.T0006306	SSMHT0004874	SSMHT0004705	350	6	Point Repairs at 51, 108, 169 and 232 ft from 04874	\$ 19,000	\$ 19,000	Point Repair
659	13	SSMHT0004875-SSMHT0014057	B	SS.GM.T0006229	SSMHT0004875	SSMHT0014057	103	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
660	13	SSMHT0004876-SSMHT0004831	C	SS.GM.T0008074	SSMHT0004876	SSMHT0004831	195	6	Point Repair at 189 ft from 04831	\$ -	\$ -	Monitor in CMOM
661	13	SSMHT0004877-SSMHT0000788	B	SS.GM.T0008067	SSMHT0004877	SSMHT0000788	218	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
662	13	SSMHT0004878-SSMHT0004877	B	SS.GM.T0008068	SSMHT0004878	SSMHT0004877	53	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
663	13	SSMHT0004879-SSMHT0004690	D	SS.GM.T0008517	SSMHT0004879	SSMHT0004690	161	6	Locate and Expose 04690; Clean and CCTV	\$ 2,960	\$ 2,960	Access; Clean and Inspection
664	13	SSMHT0004880-SSMHT0004776	C	SS.GM.T0006222	SSMHT0004880	SSMHT0004776	111	6	Point Repair at 7 ft from 04880	\$ -	\$ -	Monitor in CMOM
665	13	SSMHT0004881-SSMHT0005051	D	SS.GM.T0009230	SSMHT0004881	SSMHT0005051	433	6	Burst to 8" - 9 svc	\$ 52,555	\$ 52,555	Pipe Burst or Replace
666	13	SSMHT0004882-SSMHT0004657	C	SS.GM.T0004237	SSMHT0004882	SSMHT0004657	276	6	Assign to high frequency cleaning - grease	\$ 414	\$ -	Add to High Frequency Cleaning in CMOM
667	13	SSMHT0004883-SSMHT0004950	C	SS.GM.T0004889	SSMHT0004883	SSMHT0004950	96	6	Point Repair at 3 and 44 ft from 04883	\$ -	\$ -	Monitor in CMOM
668	13	SSMHT0004885-SSMHT0006843	D	SS.GM.T0008972	SSMHT0004885	SSMHT0006843	179	6	Point Repairs at 120 and 192 ft from 06843	\$ 9,500	\$ 9,500	Point Repair
669	13	SSMHT0004886-SSMHT0003311	D	SS.GM.T0008070	SSMHT0004886	SSMHT0003311	120	8	CIPP - 0 svc	\$ 9,000	\$ 9,000	Cured In Place Pipe Liner
670	13	SSMHT0004889-SSMHT0005022	B	SS.GM.T0006148	SSMHT0004889	SSMHT0005022	26	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
671	13	SSMHT0004890-SSMHT0004961	C	SS.GM.T0005076	SSMHT0004890	SSMHT0004961	169	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
672	13	SSMHT0004891-SSMHT0004946	C	SS.GM.T0008056	SSMHT0004891	SSMHT0004946	111	10	Assign to high frequency cleaning - tuberculation	\$ 167	\$ -	Add to High Frequency Cleaning in CMOM
673	13	SSMHT0004893-SSMHT0004896	B	SS.GM.T0009149	SSMHT0004893	SSMHT0004896	199	15	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
674	13	SSMHT0004894-SSMHT0004999	B	SS.GM.T0004202	SSMHT0004894	SSMHT0004999	319	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
675	13	SSMHT0004896-SSMHT0000404	C	SS.GM.T0008030	SSMHT0004896	SSMHT0000404	138	15	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
676	13	SSMHT0004897-SSMHT0000404	B	SS.GM.T0006116	SSMHT0004897	SSMHT0000404	37	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
677	13	SSMHT0004898-SSMHT0004899	B	SS.GM.T0006120	SSMHT0004898	SSMHT0004899	61	15	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
678	13	SSMHT0004899-SSMHT0004909	B	SS.GM.T0006121	SSMHT0004899	SSMHT0004909	322	18	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
679	13	SSMHT0004900-SSMHT0004904	C	SS.GM.T0009160	SSMHT0004900	SSMHT0004904	384	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
680	13	SSMHT0004901-SSMHT0004902	B	SS.GM.T0009162	SSMHT0004901	SSMHT0004902	145	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
681	13	SSMHT0004902-SSMHT0004903	D	SS.GM.T0004217	SSMHT0004902	SSMHT0004903	203	8	Point Repair at 10 ft from 04902	\$ 4,750	\$ 4,750	Point Repair
682	13	SSMHT0004903-SSMHT0004916	B	SS.GM.T0009385	SSMHT0004903	SSMHT0004916	330	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
683	13	SSMHT0004904-SSMHT0004903	C	SS.GM.T0009161	SSMHT0004904	SSMHT0004903	210	6	Add to Root Removal Schedule	\$ 368	\$ -	Add to Root Removal Program in CMOM
684	13	SSMHT0004905-SSMHT0005120	D	SS.GM.T0004183	SSMHT0004905	SSMHT0005120	367	6	Point Repair at 290 ft from 04905	\$ 4,750	\$ 4,750	Point Repair
685	13	SSMHT0004906-SSMHT0005123	D	SS.GM.T0004189	SSMHT0004906	SSMHT0005123	120	8	Point Repair at 73 ft from 04909	\$ 4,750	\$ 4,750	Point Repair
686	13	SSMHT0004907-SSMHT0005128	B	SS.GM.T0006125	SSMHT0004907	SSMHT0005128	63	48	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
687	13	SSMHT0004908-SSMHT0004907	B	SS.GM.T0006124	SSMHT0004908	SSMHT0004907	91	48	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
688	13	SSMHT0004909-SSMHT0004910	B	SS.GM.T0006122	SSMHT0004909	SSMHT0004910	71	18	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
689	13	SSMHT0004910-SSMHT0004908	B	SS.GM.T0006123	SSMHT0004910	SSMHT0004908	283	48	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
690	13	SSMHT0004912-SSMHT0004911	B	SS.GM.T0003891	SSMHT0004912	SSMHT0004911	39	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
691	13	SSMHT0004913-SSMHT0004906	D	SS.GM.T0008031	SSMHT0004913	SSMHT0004906	429	8	Point Repair at 87 ft from 04913	\$ 4,750	\$ 4,750	Point Repair
692	13	SSMHT0004914-SSMHT0004913	C	SS.GM.T0009153	SSMHT0004914	SSMHT0004913	123	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
693	13	SSMHT0004915-SSMHT0004914	C	SS.GM.T0009152	SSMHT0004915	SSMHT0004914	134	8	Point Repair at 23 ft from 04915	\$ -	\$ -	Monitor in CMOM
694	13	SSMHT0004916-SSMHT0004915	C	SS.GM.T0009151	SSMHT0004916	SSMHT0004915	126	8	Point Repair at 38 ft from 04916	\$ -	\$ -	Monitor in CMOM
695	13	SSMHT0004917-SSMHT0004916	C	SS.GM.T0009158	SSMHT0004917	SSMHT0004916	148	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
696	13	SSMHT0004918-SSMHT0004917	D	SS.GM.T0004213	SSMHT0004918	SSMHT0004917	324	6	Point Repair at 86 ft from 04918	\$ 4,750	\$ 4,750	Point Repair
697	13	SSMHT0004919-SSMHT0004922	C	SS.GM.T0008032	SSMHT0004919	SSMHT0004922	231	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
698	13	SSMHT0004920-SSMHT0004921	C	SS.GM.T0006135	SSMHT0004920	SSMHT0004921	424	6	Point Repairs at 118 ft from 04920	\$ -	\$ -	Monitor in CMOM
699	13	SSMHT0004921-SSMHT0005132	C	SS.GM.T0006134	SSMHT0004921	SSMHT0005132	440	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
700	13	SSMHT0004922-SSMHT0005132	C	SS.GM.T0009053	SSMHT0004922	SSMHT0005132	433	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
701	13	SSMHT0004923-SSMHT0004892	B	SS.GM.T0006128	SSMHT0004923	SSMHT0004892	61	18	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
702	13	SSMHT0004924-SSMHT0004926	D	SS.GM.T0009166	SSMHT0004924	SSMHT0004926	294	10	Burst to 8" - 1 svc	\$ 26,740	\$ 26,740	Pipe Burst or Replace
703	13	SSMHT0004925-SSMHT0004927	B	SS.GM.T0006131	SSMHT0004925	SSMHT0004927	272	18	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
704	13	SSMHT0004926-SSMHT0004922	D	SS.GM.T0008033	SSMHT0004926	SSMHT0004922	263	10	Point Repair at 9 and 90 ft from 04926	\$ 9,500	\$ 9,500	Point Repair
705	13	SSMHT0004927-SSMHT0004923	C	SS.GM.T0006130	SSMHT0004927	SSMHT0004923	243	18	Add to Root Removal Schedule	\$ 425	\$ -	Add to Root Removal Program in CMOM
706	13	SSMHT0004928-SSMHT0004925	D	SS.GM.T0006132	SSMHT0004928	SSMHT0004925	382	18	Locate and Expose 04928; Clean and CCTV	\$ 4,020	\$ 4,020	Access; Clean and Inspection
707	13	SSMHT0004929-SSMHT0004924	D	SS.GM.T0009167	SSMHT0004929	SSMHT0004924	352	10	Locate and Expose 04929; Clean and CCTV	\$ 4,870	\$ 4,870	Access; Clean and Inspection
708	13	SSMHT0004932-SSMHT0004929	D	SS.GM.T0008043	SSMHT0004932	SSMHT0004929	283	10	Point Repair at 49, 70 and 156 ft from 04932*	\$ 14,250	\$ 14,250	Point Repair



Remedial Measure Description	Quantity	Remediation Plan
Access; Clean and Inspection (I.f.)	22,933	\$ 271,280
Pipe Burst or Replace (I.f.)	24,604	\$ 2,811,731
Point Repair (ea.)	570	\$ 2,707,250
Replace Mainline (I.f.)	816	\$ 163,200
Cured In Place Pipe Liner (I.f.)	1,595	\$ 126,125
Total Remedial Measures		\$ 6,079,586
Deferred for Capacity Analysis		\$ 145,200
Group 2 Mainline Remedial Measures		\$ 5,934,386

Group 2 - Mainline Condition Remedial Measures Summary - Basin 13

Item	Basin	Pipe Segment	Rating	City Pipe Asset ID	Upstream Manhole	Downstream Manhole	Pipe Length	Pipe Diameter	Preliminary Rehabilitation Recommendation	Repair Cost	Recommended	Remediation Plan
709	13	SSMHT0004933-SSMHT0004932	D	SS.GM.T0006155	SSMHT0004933	SSMHT0004932	111	6	Access; Clean and Inspection	\$ 1,310	\$ 1,310	Access; Clean and Inspection
710	13	SSMHT0004934-SSMHT0004933	B	SS.GM.T0009148	SSMHT0004934	SSMHT0004933	22	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
711	13	SSMHT0004935-SSMHT0009437	B	SS.GM.T0004895	SSMHT0004935	SSMHT0009437	111	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
712	13	SSMHT0004936-SSMHT0004937	B	SS.GM.T0006158	SSMHT0004936	SSMHT0004937	212	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
713	13	SSMHT0004937-SSMHT0004934	B	SS.GM.T0006156	SSMHT0004937	SSMHT0004934	185	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
714	13	SSMHT0004938-SSMHT0004939	B	SS.GM.T0005818	SSMHT0004938	SSMHT0004939	135	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
715	13	SSMHT0004939-SSMHT0004941	D	SS.GM.T0005817	SSMHT0004939	SSMHT0004941	660	6	Replace Line	\$ 132,000	\$ 132,000	Replace Mainline
716	13	SSMHT0004940-SSMHT0014053	B	SS.GM.T0005811	SSMHT0004940	SSMHT0014053	797	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
717	13	SSMHT0004941-SSMHT0012857	D	SS.GM.T0005814	SSMHT0004941	SSMHT0012857	276	6	Point Repair at 27, 143 and 194 ft from 04941	\$ 14,250	\$ 14,250	Point Repair
718	13	SSMHT0004942-SSMHT0014023	C	SS.GM.T0009171	SSMHT0004942	SSMHT0014023	377	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
719	13	SSMHT0004945-SSMHT0004947	C	SS.GM.T0005827	SSMHT0004945	SSMHT0004947	207	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
720	13	SSMHT0004946-SSMHT0012857	C	SS.GM.T0009293	SSMHT0004946	SSMHT0012857	313	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
721	13	SSMHT0004947-SSMHT0004891	C	SS.GM.T0009173	SSMHT0004947	SSMHT0004891	113	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
722	13	SSMHT0004948-SSMHT0004957	B	SS.GM.T0005065	SSMHT0004948	SSMHT0004957	271	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
723	13	SSMHT0004949-SSMHT0004954	B	SS.GM.T0009177	SSMHT0004949	SSMHT0004954	436	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
724	13	SSMHT0004951-SSMHT0004935	B	SS.GM.T0004894	SSMHT0004951	SSMHT0004935	338	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
725	13	SSMHT0004952-SSMHT0000779	D	SS.GM.T0005823	SSMHT0004952	SSMHT0000779	221	6	Point Repair at 70 and 205 ft from 00779	\$ 9,500	\$ 9,500	Point Repair
726	13	SSMHT0004953-SSMHT0014084	B	SS.GM.T0005822	SSMHT0004953	SSMHT0014084	60	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
727	13	SSMHT0004954-SSMHT0004955	B	SS.GM.T0009292	SSMHT0004954	SSMHT0004955	360	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
728	13	SSMHT0004955-SSMHT0004951	B	SS.GM.T0005070	SSMHT0004955	SSMHT0004951	449	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
729	13	SSMHT0004956-SSMHT0004948	D	SS.GM.T0009176	SSMHT0004956	SSMHT0004948	197	6	Point Repair at 88 ft from 04956	\$ 4,750	\$ 4,750	Point Repair
730	13	SSMHT0004957-SSMHT0000782	D	SS.GM.T0005064	SSMHT0004957	SSMHT0000782	379	6	Locate and Expose 04957; Clean and CCTV	\$ 5,140	\$ 5,140	Access; Clean and Inspection
731	13	SSMHT0004958-SSMHT0004957	B	SS.GM.T0009180	SSMHT0004958	SSMHT0004957	73	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
732	13	SSMHT0004959-SSMHT0004958	D	SS.GM.T0009181	SSMHT0004959	SSMHT0004958	318	6	Locate and Expose 04959; Clean and CCTV	\$ 4,530	\$ 4,530	Access; Clean and Inspection
733	13	SSMHT0004960-SSMHT0004959	D	SS.GM.T0009182	SSMHT0004960	SSMHT0004959	113	6	Locate and Expose 04960; Clean and CCTV	\$ 2,480	\$ 2,480	Access; Clean and Inspection
734	13	SSMHT0004961-SSMHT0004960	B	SS.GM.T0009183	SSMHT0004961	SSMHT0004960	55	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
735	13	SSMHT0004962-SSMHT0004890	B	SS.GM.T0009179	SSMHT0004962	SSMHT0004890	103	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
736	13	SSMHT0004962-SSMHT0004954	C	SS.GM.T0014177	SSMHT0004962	SSMHT0004954	391	6	Point Repair at 104 and 377 ft from 04962	\$ -	\$ -	Monitor in CMOM
737	13	SSMHT0004963-SSMHT0004949	D	SS.GM.T0009178	SSMHT0004963	SSMHT0004949	396	6	Point Repairs at 27 and 209 ft from 04963	\$ 9,500	\$ 9,500	Point Repair
738	13	SSMHT0004963-SSMHT0004962	D	SS.GM.T0009184	SSMHT0004963	SSMHT0004962	426	6	Point Repair at 90 and 101 ft from 04963	\$ 9,500	\$ 9,500	Point Repair
739	13	SSMHT0004964-SSMHT0004993	C	SS.GM.T0009199	SSMHT0004964	SSMHT0004993	224	6	Point Repair at 124 and 212 ft from 04964 and add to Root Removal Schedule	\$ 392	\$ -	Add to Root Removal Program in CMOM
740	13	SSMHT0004967-SSMHT0004968	B	SS.GM.T0004902	SSMHT0004967	SSMHT0004968	155	6	Locate and Expose 04967; Clean and CCTV	\$ -	\$ -	Monitor in CMOM
741	13	SSMHT0004968-SSMHT0004969	C	SS.GM.T0004901	SSMHT0004968	SSMHT0004969	75	6	Point Repair at 44 ft from 04968	\$ -	\$ -	Monitor in CMOM
742	13	SSMHT0004969-SSMHT0004970	E	SS.GM.T0004899	SSMHT0004969	SSMHT0004970	147	8	Point Repair at 53 ft from 04969	\$ 4,750	\$ 4,750	Point Repair
743	13	SSMHT0004970-SSMHT0004980	B	SS.GM.T0006181	SSMHT0004970	SSMHT0004980	243	18	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
744	13	SSMHT0004971-SSMHT0004970	B	SS.GM.T0006182	SSMHT0004971	SSMHT0004970	224	18	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
745	13	SSMHT0004972-SSMHT0004981	D	SS.GM.T0009187	SSMHT0004972	SSMHT0004981	470	8	CIPP - 1 svc	\$ 37,000	\$ 37,000	Cured In Place Pipe Liner
746	13	SSMHT0004973-SSMHT0004974	D	SS.GM.T0009192	SSMHT0004973	SSMHT0004974	113	6	Point Repairs at 38 ft from 04973	\$ 9,500	\$ 9,500	Point Repair
747	13	SSMHT0004974-SSMHT0004976	D	SS.GM.T0009191	SSMHT0004974	SSMHT0004976	268	6	Point Repair at 29 and 198 ft from 04974	\$ 9,500	\$ 9,500	Point Repair
748	13	SSMHT0004975-SSMHT0004977	B	SS.GM.T0006173	SSMHT0004975	SSMHT0004977	68	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
749	13	SSMHT0004976-SSMHT0004977	B	SS.GM.T0006172	SSMHT0004976	SSMHT0004977	28	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
750	13	SSMHT0004977-SSMHT0004978	D	SS.GM.T0006176	SSMHT0004977	SSMHT0004978	155	8	Point Repair at 64 ft from 04977	\$ 4,750	\$ 4,750	Point Repair
751	13	SSMHT0004978-SSMHT0004979	B	SS.GM.T0009280	SSMHT0004978	SSMHT0004979	159	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
752	13	SSMHT0004979-SSMHT0004983	C	SS.GM.T0009279	SSMHT0004979	SSMHT0004983	156	8	Point Repairs at 25ft from 04979	\$ -	\$ -	Monitor in CMOM
753	13	SSMHT0004980-SSMHT0004982	B	SS.GM.T0006161	SSMHT0004980	SSMHT0004982	12	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
754	13	SSMHT0004981-SSMHT0004984	D	SS.GM.T0009186	SSMHT0004981	SSMHT0004984	163	8	Burst to 8" - 0 svc	\$ 13,855	\$ 13,855	Pipe Burst or Replace
755	13	SSMHT0004981-SSMHT0004980	B	SS.GM.T0013550	SSMHT0004981	SSMHT0004980	5	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
756	13	SSMHT0004982-SSMHT0004986	C	SS.GM.T0006162	SSMHT0004982	SSMHT0004986	355	12	Point Repair at 187 ft from 04982	\$ -	\$ -	Monitor in CMOM
757	13	SSMHT0004982-SSMHT0004983	B	SS.GM.T0009189	SSMHT0004982	SSMHT0004983	13	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
758	13	SSMHT0004983-SSMHT0004985	D	SS.GM.T0006165	SSMHT0004983	SSMHT0004985	186	18	Point Repair at 148 ft from 04983	\$ 4,750	\$ 4,750	Point Repair
759	13	SSMHT0004984-SSMHT0000783	B	SS.GM.T0009185	SSMHT0004984	SSMHT0000783	59	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
760	13	SSMHT0004985-SSMHT0004987	D	SS.GM.T0006164	SSMHT0004985	SSMHT0004987	198	18	CIPP - 0 svc	\$ 14,850	\$ 14,850	Cured In Place Pipe Liner
761	13	SSMHT0004986-SSMHT0004931	D	SS.GM.T0009169	SSMHT0004986	SSMHT0004931	435	10	Locate and Expose 04931; Clean and CCTV	\$ 5,700	\$ 5,700	Access; Clean and Inspection
762	13	SSMHT0004987-SSMHT0004930	C	SS.GM.T0006163	SSMHT0004987	SSMHT0004930	421	18	Remove Roots and CIPP - 0 svc	\$ -	\$ -	Monitor in CMOM
763	13	SSMHT0004988-SSMHT0004986	C	SS.GM.T0009190	SSMHT0004988	SSMHT0004986	187	6	Point Repair at 187 ft from 04986	\$ -	\$ -	Monitor in CMOM
764	13	SSMHT0004990-SSMHT0004988	D	SS.GM.T0006152	SSMHT0004990	SSMHT0004988	398	6	Point Repair at 391 ft from 04990	\$ 4,750	\$ 4,750	Point Repair
765	13	SSMHT0004991-SSMHT0004990	E	SS.GM.T0009194	SSMHT0004991	SSMHT0004990	287	6	Point Repairs at 124, 178 and 196 ft from 04991	\$ 14,250	\$ 14,250	Point Repair
766	13	SSMHT0004992-SSMHT0014037	D	SS.GM.T0009195	SSMHT0004992	SSMHT0014037	371	6	Point Repairs at 9 and 113 ft from 04992	\$ 9,500	\$ 9,500	Point Repair
767	13	SSMHT0004993-SSMHT0005000	C	SS.GM.T0009200	SSMHT0004993	SSMHT0005000	20	6	Point Repair at 3 ft from 04993	\$ -	\$ -	Monitor in CMOM



Remedial Measure Description	Quantity	Remediation Plan
Access; Clean and Inspection (I.f.)	22,933	\$ 271,280
Pipe Burst or Replace (I.f.)	24,604	\$ 2,811,731
Point Repair (ea.)	570	\$ 2,707,250
Replace Mainline (I.f.)	816	\$ 163,200
Cured In Place Pipe Liner (I.f.)	1,595	\$ 126,125
Total Remedial Measures		\$ 6,079,586
Deferred for Capacity Analysis		\$ 145,200
Group 2 Mainline Remedial Measures		\$ 5,934,386

Group 2 - Mainline Condition Remedial Measures Summary - Basin 13

Item	Basin	Pipe Segment	Rating	City Pipe Asset ID	Upstream Manhole	Downstream Manhole	Pipe Length	Pipe Diameter	Preliminary Rehabilitation Recommendation	Repair Cost	Recommended	Remediation Plan
768	13	SSMHT0004994-SSMHT0004893	B	SS.GM.T0009150	SSMHT0004994	SSMHT0004893	298	15	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
769	13	SSMHT0004996-SSMHT0014085	B	SS.GM.T0004197	SSMHT0004996	SSMHT0014085	34	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
770	13	SSMHT0004997-SSMHT0004998	B	SS.GM.T0004198	SSMHT0004997	SSMHT0004998	74	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
771	13	SSMHT0004998-SSMHT0013625	B	SS.GM.T0014207	SSMHT0004998	SSMHT0013625	181	15	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
772	13	SSMHT0004999-SSMHT0004998	B	SS.GM.T0009202	SSMHT0004999	SSMHT0004998	207	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
773	13	SSMHT0005000-SSMHT0005001	B	SS.GM.T0004204	SSMHT0005000	SSMHT0005001	113	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
774	13	SSMHT0005003-SSMHT0014034	E	SS.GM.T0009155	SSMHT0005003	SSMHT0014034	212	6	Point Repair at 27 ft from 05003	\$ 4,750	\$ 4,750	Point Repair
775	13	SSMHT0005004-SSMHT0004901	E	SS.GM.T0009163	SSMHT0005004	SSMHT0004901	158	6	Point Repair at 18 ft from 05005	\$ 4,750	\$ 4,750	Point Repair
776	13	SSMHT0005005-SSMHT0004902	B	SS.GM.T0004216	SSMHT0005005	SSMHT0004902	316	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
777	13	SSMHT0005006-SSMHT0005848	C	SS.GM.T0004488	SSMHT0005006	SSMHT0005848	407	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
778	13	SSMHT0005007-SSMHT0000786	D	SS.GM.T0004196	SSMHT0005007	SSMHT0000786	434	6	Point Repairs at 20 and 395 ft from 05007	\$ 9,500	\$ 9,500	Point Repair
779	13	SSMHT0005008-SSMHT0005899	C	SS.GM.T0009204	SSMHT0005008	SSMHT0005899	90	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
780	13	SSMHT0005009-SSMHT0005016	B	SS.GM.T0008044	SSMHT0005009	SSMHT0005016	151	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
781	13	SSMHT0005010-SSMHT0005012	B	SS.GM.T0008029	SSMHT0005010	SSMHT0005012	262	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
782	13	SSMHT0005011-SSMHT0005000	B	SS.GM.T0009201	SSMHT0005011	SSMHT0005000	211	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
783	13	SSMHT0005012-SSMHT0005011	B	SS.GM.T0009208	SSMHT0005012	SSMHT0005011	15	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
784	13	SSMHT0005013-SSMHT0005011	B	SS.GM.T0004206	SSMHT0005013	SSMHT0005011	52	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
785	13	SSMHT0005014-SSMHT0005013	D	SS.GM.T0004205	SSMHT0005014	SSMHT0005013	18	6	Access; Clean and Inspection	\$ 380	\$ 380	Access; Clean and Inspection
786	13	SSMHT0005015-SSMHT0004972	D	SS.GM.T0009188	SSMHT0005015	SSMHT0004972	272	8	Burst to 8" - 0 svc	\$ 23,120	\$ 23,120	Pipe Burst or Replace
787	13	SSMHT0005016-SSMHT0004971	C	SS.GM.T0006183	SSMHT0005016	SSMHT0004971	273	12	Add to Root Removal Schedule	\$ 478	\$ -	Add to Root Removal Program in CMOM
788	13	SSMHT0005017-SSMHT0005009	D	SS.GM.T0009271	SSMHT0005017	SSMHT0005009	199	6	Locate and Expose 05017; Clean and CCTV	\$ 3,340	\$ 3,340	Access; Clean and Inspection
789	13	SSMHT0005018-SSMHT0005016	B	SS.GM.T0009206	SSMHT0005018	SSMHT0005016	175	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
790	13	SSMHT0005019-SSMHT0013398	B	SS.GM.T0013541	SSMHT0005019	SSMHT0013398	61	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
791	13	SSMHT0005020-SSMHT0014036	D	SS.GM.T0009196	SSMHT0005020	SSMHT0014036	744	6	Point Repair at 300 ft from 05020	\$ 4,750	\$ 4,750	Point Repair
792	13	SSMHT0005021-SSMHT0004889	B	SS.GM.T0006150	SSMHT0005021	SSMHT0004889	168	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
793	13	SSMHT0005022-SSMHT0004973	D	SS.GM.T0006168	SSMHT0005022	SSMHT0004973	318	6	Burst to 8" - 8 svc	\$ 41,030	\$ 41,030	Pipe Burst or Replace
794	13	SSMHT0005023-SSMHT0005008	D	SS.GM.T0009205	SSMHT0005023	SSMHT0005008	334	6	Point Repairs at 21, 77 and 140 ft from 05008	\$ 14,250	\$ 14,250	Point Repair
795	13	SSMHT0005024-SSMHT0005857	B	SS.GM.T0009210	SSMHT0005024	SSMHT0005857	449	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
796	13	SSMHT0005025-SSMHT0005079	C	SS.GM.T0004238	SSMHT0005025	SSMHT0005079	713	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
797	13	SSMHT0005026-SSMHT0004790	B	SS.GM.T0004807	SSMHT0005026	SSMHT0004790	358	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
798	13	SSMHT0005027-SSMHT0005028	B	SS.GM.T0009212	SSMHT0005027	SSMHT0005028	158	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
799	13	SSMHT0005028-SSMHT0005038	D	SS.GM.T0009218	SSMHT0005028	SSMHT0005038	77	6	Point Repair at 76 ft from 05028	\$ 4,750	\$ 4,750	Point Repair
800	13	SSMHT0005029-SSMHT0005041	D	SS.GM.T0008064	SSMHT0005029	SSMHT0005041	19	12	Point Repair at 12 ft from 05029	\$ 4,750	\$ 4,750	Point Repair
801	13	SSMHT0005030-SSMHT0005081	D	SS.GM.T0004775	SSMHT0005030	SSMHT0005081	356	6	Point Repair at 275 ft from 05030	\$ 4,750	\$ 4,750	Point Repair
802	13	SSMHT0005032-SSMHT0005046	C	SS.GM.T0006065	SSMHT0005032	SSMHT0005046	318	6	Point Repairs at 276 ft from 05032	\$ -	\$ -	Monitor in CMOM
803	13	SSMHT0005033-SSMHT0005040	B	SS.GM.T0009227	SSMHT0005033	SSMHT0005040	104	8	Assign to high frequency cleaning - tuberculation	\$ 156	\$ -	Add to High Frequency Cleaning in CMOM
804	13	SSMHT0005034-SSMHT0004963	D	SS.GM.T0009253	SSMHT0005034	SSMHT0004963	405	6	Burst to 8" - 7 svc	\$ 46,675	\$ 46,675	Pipe Burst or Replace
805	13	SSMHT0005035-SSMHT0005043	D	SS.GM.T0009716	SSMHT0005035	SSMHT0005043	155	12	Locate and Expose 05035; Clean and CCTV	\$ 2,900	\$ 2,900	Access; Clean and Inspection
806	13	SSMHT0005037-SSMHT0005035	C	SS.GM.T0009224	SSMHT0005037	SSMHT0005035	325	12	Remove Roots and CIPP - 0 svc	\$ -	\$ -	Monitor in CMOM
807	13	SSMHT0005039-SSMHT0005029	B	SS.GM.T0009226	SSMHT0005039	SSMHT0005029	5	8	Assign to high frequency cleaning - tuberculation	\$ 8	\$ -	Add to High Frequency Cleaning in CMOM
808	13	SSMHT0005040-SSMHT0005039	B	SS.GM.T0006191	SSMHT0005040	SSMHT0005039	14	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
809	13	SSMHT0005041-SSMHT0005037	C	SS.GM.T0009225	SSMHT0005041	SSMHT0005037	150	12	Remove Roots and CIPP - 0 svc	\$ -	\$ -	Monitor in CMOM
810	13	SSMHT0005042-SSMHT0005041	C	SS.GM.T0008065	SSMHT0005042	SSMHT0005041	262	6	Add to Root Removal Schedule	\$ 459	\$ -	Add to Root Removal Program in CMOM
811	13	SSMHT0005043-SSMHT0004965	C	SS.GM.T0008066	SSMHT0005043	SSMHT0000782	471	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
812	13	SSMHT0005044-SSMHT0005057	D	SS.GM.T0006178	SSMHT0005044	SSMHT0005057	531	6	Locate and Expose 05057; Clean and CCTV	\$ 6,660	\$ 6,660	Access; Clean and Inspection
813	13	SSMHT0005045-SSMHT0005046	D	SS.GM.T0009216	SSMHT0005045	SSMHT0005046	50	6	Access; Clean and Inspection	\$ 500	\$ 500	Access; Clean and Inspection
814	13	SSMHT0005046-SSMHT0005029	B	SS.GM.T0009223	SSMHT0005046	SSMHT0005029	938	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
815	13	SSMHT0005047-SSMHT0005033	C	SS.GM.T0009214	SSMHT0005047	SSMHT0005033	258	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
816	13	SSMHT0005048-SSMHT0004881	D	SS.GM.T0009285	SSMHT0005048	SSMHT0004881	355	6	Burst to 8" - 5 svc	\$ 38,925	\$ 38,925	Pipe Burst or Replace
817	13	SSMHT0005049-SSMHT0005048	D	SS.GM.T0009229	SSMHT0005049	SSMHT0005048	344	6	Burst to 8" - 6 svc	\$ 39,740	\$ 39,740	Pipe Burst or Replace
818	13	SSMHT0005050-SSMHT0005051	D	SS.GM.T0009231	SSMHT0005050	SSMHT0005051	149	6	Burst to 8" - 2 svc	\$ 16,165	\$ 16,165	Pipe Burst or Replace
819	13	SSMHT0005051-SSMHT0005045	D	SS.GM.T0009217	SSMHT0005051	SSMHT0005045	255	6	Point Repair at 29, 67 and 80 ft from 05051	\$ 14,250	\$ 14,250	Point Repair
820	13	SSMHT0005052-SSMHT0005053	B	SS.GM.T0009233	SSMHT0005052	SSMHT0005053	89	6	Assign to high frequency cleaning - tuberculation	\$ 134	\$ -	Add to High Frequency Cleaning in CMOM
821	13	SSMHT0005053-SSMHT0005054	B	SS.GM.T0004793	SSMHT0005053	SSMHT0005054	71	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
822	13	SSMHT0005054-SSMHT0013583	D	SS.GM.T0009213	SSMHT0005054	SSMHT0013583	58	12	Point Repair at 250 ft from 05054	\$ 4,750	\$ 4,750	Point Repair
823	13	SSMHT0005055-SSMHT0005056	B	SS.GM.T0004210	SSMHT0005055	SSMHT0005056	71	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
824	13	SSMHT0005056-SSMHT0005010	B	SS.GM.T0008028	SSMHT0005056	SSMHT0005010	218	18	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
825	13	SSMHT0005057-SSMHT0005017	D	SS.GM.T0009254	SSMHT0005057	SSMHT0005017	260	6	Locate and Expose 05017; Clean and CCTV	\$ 3,950	\$ 3,950	Access; Clean and Inspection
826	13	SSMHT0005059-SS.MH.T0014291	D	SS.GM.T0009255	SSMHT0005059	SSMHT0014291	440	6	Point Repair at 13, 100 and 551 ft from 05059	\$ 14,250	\$ 14,250	Point Repair



Remedial Measure Description	Quantity	Remediation Plan
Access; Clean and Inspection (I.f.)	22,933	\$ 271,280
Pipe Burst or Replace (I.f.)	24,604	\$ 2,811,731
Point Repair (ea.)	570	\$ 2,707,250
Replace Mainline (I.f.)	816	\$ 163,200
Cured In Place Pipe Liner (I.f.)	1,595	\$ 126,125
Total Remedial Measures		\$ 6,079,586
Deferred for Capacity Analysis		\$ 145,200
Group 2 Mainline Remedial Measures		\$ 5,934,386

Group 2 - Mainline Condition Remedial Measures Summary - Basin 13

Item	Basin	Pipe Segment	Rating	City Pipe Asset ID	Upstream Manhole	Downstream Manhole	Pipe Length	Pipe Diameter	Preliminary Rehabilitation Recommendation	Repair Cost	Recommended	Remediation Plan
827	13	SSMHT0005059-SSMHT0014292	D	SS.GM.T0014260	SSMHT0005059	SSMHT0014292	79	6	Clean and CCTV	\$ 790	\$ 790	Access; Clean and Inspection
828	13	SSMHT0005060-SSMHT0014204	B	SS.GM.T0004772	SSMHT0005060	SSMHT0014204	350	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
829	13	SSMHT0005061-SSMHT0005030	B	SS.GM.T0004776	SSMHT0005061	SSMHT0005030	291	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
830	13	SSMHT0005062-SSMHT0005055	B	SS.GM.T0004209	SSMHT0005062	SSMHT0005055	348	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
831	13	SSMHT0005063-SSMHT0005856	B	SS.GM.T0009821	SSMHT0005063	SSMHT0005856	295	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
832	13	SSMHT0005064-SSMHT0004780	D	SS.GM.T0008966	SSMHT0005064	SSMHT0004780	348	6	Point Repairs at 5, 22, 127, 172 and 240 ft from 05064	\$ 23,750	\$ 23,750	Point Repair/Pipe Burst/Replace
833	13	SSMHT0005065-SSMHT0005068	B	SS.GM.T0006187	SSMHT0005065	SSMHT0005068	294	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
834	13	SSMHT0005066-SSMHT0005033	C	SS.GM.T0009228	SSMHT0005066	SSMHT0005033	345	8	Add to Root Removal Schedule	\$ 604	\$ -	Add to Root Removal Program in CMOM
835	13	SSMHT0005067-SSMHT0005068	B	SS.GM.T0006189	SSMHT0005067	SSMHT0005068	51	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
836	13	SSMHT0005068-SSMHT0005042	B	SS.GM.T0009291	SSMHT0005068	SSMHT0005042	533	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
837	13	SSMHT0005069-SSMHT0005070	C	SS.GM.T0009237	SSMHT0005069	SSMHT0005070	66	6	Point Repairs at 60 ft from 05069	\$ -	\$ -	Monitor in CMOM
838	13	SSMHT0005070-SSMHT0005066	C	SS.GM.T0009238	SSMHT0005070	SSMHT0005066	184	8	Add to Root Removal Schedule	\$ 322	\$ -	Add to Root Removal Program in CMOM
839	13	SSMHT0005071-SSMHT0007930	B	SS.GM.T0011466	SSMHT0005071	SSMHT0007930	52	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
840	13	SSMHT0005072-SSMHT0005071	C	SS.GM.T0009240	SSMHT0005072	SSMHT0005071	339	8	Remove Roots and CIPP - 3 svc	\$ -	\$ -	Monitor in CMOM
841	13	SSMHT0005073-SSMHT0004759	B	SS.GM.T0004779	SSMHT0005073	SSMHT0004759	104	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
842	13	SSMHT0005074-SSMHT0014079	B	SS.GM.T0004791	SSMHT0005074	SSMHT0014079	43	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
843	13	SSMHT0005075-SSMHT0005073	B	SS.GM.T0004780	SSMHT0005075	SSMHT0005073	258	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
844	13	SSMHT0005076-SSMHT0005044	D	SS.GM.T0006061	SSMHT0005076	SSMHT0005044	710	6	Locate and Expose 12724; Clean and CCTV	\$ 8,450	\$ 8,450	Access; Clean and Inspection
845	13	SSMHT0005077-SSMHT0013410	C	SS.GM.T0009290	SSMHT0005077	SSMHT0013410	998	8	Add to Root Removal Schedule	\$ 1,747	\$ -	Add to Root Removal Program in CMOM
846	13	SSMHT0005078-SSMHT0005079	B	SS.GM.T0004240	SSMHT0005078	SSMHT0005079	320	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
847	13	SSMHT0005079-SSMHT0004657	B	SS.GM.T0004239	SSMHT0005079	SSMHT0004657	288	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
848	13	SSMHT0005080-SSMHT0005093	B	SS.GM.T0004798	SSMHT0005080	SSMHT0005093	61	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
849	13	SSMHT0005081-SSMHT0005060	C	SS.GM.T0004774	SSMHT0005081	SSMHT0005060	475	6	Point Repairs at 121, 388 and 405 ft from 04883	\$ -	\$ -	Monitor in CMOM
850	13	SSMHT0005082-SSMHT0005081	C	SS.GM.T0009241	SSMHT0005082	SSMHT0005081	439	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
851	13	SSMHT0005083-SSMHT0005082	B	SS.GM.T0004790	SSMHT0005083	SSMHT0005082	20	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
852	13	SSMHT0005083-SSMHT0014065	C	SS.GM.T0009378	SSMHT0005083	SSMHT0014065	109	8	Assign to high frequency cleaning - tuberculation	\$ 163	\$ -	Add to High Frequency Cleaning in CMOM
853	13	SSMHT0005084-SSMHT0004882	B	SS.GM.T0008035	SSMHT0005084	SSMHT0004882	173	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
854	13	SSMHT0005085-SSMHT0005086	B	SS.GM.T0004235	SSMHT0005085	SSMHT0005086	446	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
855	13	SSMHT0005086-SSMHT0005854	B	SS.GM.T0009236	SSMHT0005086	SSMHT0005854	357	6	Assign to high frequency cleaning - tuberculation	\$ 536	\$ -	Add to High Frequency Cleaning in CMOM
856	13	SSMHT0005087-SSMHT0005086	B	SS.GM.T0004233	SSMHT0005087	SSMHT0005086	334	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
857	13	SSMHT0005088-SSMHT0014027	B	SS.GM.T0009242	SSMHT0005088	SSMHT0014027	212	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
858	13	SSMHT0005089-SSMHT0005052	D	SS.GM.T0004795	SSMHT0005089	SSMHT0005052	351	6	Point Repair at 309 ft from 05089	\$ 4,750	\$ 4,750	Point Repair
859	13	SSMHT0005090-SSMHT0005053	B	SS.GM.T0009235	SSMHT0005090	SSMHT0005053	336	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
860	13	SSMHT0005091-SSMHT0005090	B	SS.GM.T0009243	SSMHT0005091	SSMHT0005090	68	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
861	13	SSMHT0005092-SSMHT0005091	C	SS.GM.T0009244	SSMHT0005092	SSMHT0005091	309	12	Add to Root Removal Schedule	\$ 541	\$ -	Add to Root Removal Program in CMOM
862	13	SSMHT0005093-SSMHT0005092	D	SS.GM.T0009245	SSMHT0005093	SSMHT0005092	73	12	Point Repair at 60 ft from 05093 and Add to Root Removal Schedule	\$ 4,878	\$ 4,750	Point Repair and Add to Root Removal Program in CMOM
863	13	SSMHT0005096-SSMHT0005093	B	SS.GM.T0009248	SSMHT0005096	SSMHT0005093	66	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
864	13	SSMHT0005097-SSMHT0005096	B	SS.GM.T0009249	SSMHT0005097	SSMHT0005096	295	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
865	13	SSMHT0005098-SSMHT0005100	B	SS.GM.T0009251	SSMHT0005098	SSMHT0005100	157	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
866	13	SSMHT0005099-SSMHT0005098	B	SS.GM.T0009252	SSMHT0005099	SSMHT0005098	169	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
867	13	SSMHT0005100-SSMHT0005097	B	SS.GM.T0009250	SSMHT0005100	SSMHT0005097	140	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
868	13	SSMHT0005101-SSMHT0005100	C	SS.GM.T0004763	SSMHT0005101	SSMHT0005100	167	6	Point Repair at 156 ft from 05101	\$ -	\$ -	Monitor in CMOM
869	13	SSMHT0005102-SSMHT0005101	D	SS.GM.T0004764	SSMHT0005102	SSMHT0005101	237	6	Point Repair at 51 and 71 ft from 05102	\$ 9,500	\$ 9,500	Point Repair
870	13	SSMHT0005103-SSMHT0005104	C	SS.GM.T0004766	SSMHT0005103	SSMHT0005104	293	6	Point Repair at 5 ft from 05103	\$ -	\$ -	Monitor in CMOM
871	13	SSMHT0005104-SSMHT0005102	D	SS.GM.T0004765	SSMHT0005104	SSMHT0005102	286	6	Point Repair at 276 ft from 05104	\$ 4,750	\$ 4,750	Point Repair
872	13	SSMHT0005106-SSMHT0004601	C	SS.GM.T0004867	SSMHT0005106	SSMHT0004601	446	10	Add to Root Removal Schedule	\$ 781	\$ -	Add to Root Removal Program in CMOM
873	13	SSMHT0005107-SSMHT0005108	B	SS.GM.T0009276	SSMHT0005107	SSMHT0005108	10	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
874	13	SSMHT0005108-SSMHT0005114	B	SS.GM.T0009261	SSMHT0005108	SSMHT0005114	169	24	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
875	13	SSMHT0005109-SSMHT0005112	C	SS.GM.T0005805	SSMHT0005109	SSMHT0005112	200	6	Point Repair at 151 ft from 05109	\$ -	\$ -	Monitor in CMOM
876	13	SSMHT0005110-SSMHT0005113	B	SS.GM.T0009259	SSMHT0005110	SSMHT0005113	214	18	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
877	13	SSMHT0005111-SSMHT0005112	D	SS.GM.T0005803	SSMHT0005111	SSMHT0005112	221	6	Point Repairs at 102 & 180 ft from 05111 and 37 ft from 05112	\$ 14,250	\$ 14,250	Point Repair
878	13	SSMHT0005112-SSMHT0014025	D	SS.GM.T0005800	SSMHT0005112	SSMHT0014025	451	6	Point Repair at 80 ft from 14025	\$ 4,750	\$ 4,750	Point Repair
879	13	SSMHT0005113-SSMHT0004603	B	SS.GM.T0008287	SSMHT0005113	SSMHT0004603	266	18	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
880	13	SSMHT0005115-SSMHT0005108	B	SS.GM.T0009262	SSMHT0005115	SSMHT0005108	158	24	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
881	13	SSMHT0005116-SSMHT0005122	B	SS.GM.T0009265	SSMHT0005116	SSMHT0005122	455	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
882	13	SSMHT0005118-SSMHT0005119	B	SS.GM.T0004182	SSMHT0005118	SSMHT0005119	138	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
883	13	SSMHT0005119-SSMHT0005120	C	SS.GM.T0004185	SSMHT0005119	SSMHT0005120	310	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
884	13	SSMHT0005120-SSMHT0005121	B	SS.GM.T0004186	SSMHT0005120	SSMHT0005121	94	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
885	13	SSMHT0005121-SSMHT0005122	B	SS.GM.T0004187	SSMHT0005121	SSMHT0005122	471	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM



Remedial Measure Description	Quantity	Remediation Plan
Access; Clean and Inspection (I.f.)	22,933	\$ 271,280
Pipe Burst or Replace (I.f.)	24,604	\$ 2,811,731
Point Repair (ea.)	570	\$ 2,707,250
Replace Mainline (I.f.)	816	\$ 163,200
Cured In Place Pipe Liner (I.f.)	1,595	\$ 126,125
Total Remedial Measures		\$ 6,079,586
Deferred for Capacity Analysis		\$ 145,200
Group 2 Mainline Remedial Measures		\$ 5,934,386

Group 2 - Mainline Condition Remedial Measures Summary - Basin 13

Item	Basin	Pipe Segment	Rating	City Pipe Asset ID	Upstream Manhole	Downstream Manhole	Pipe Length	Pipe Diameter	Preliminary Rehabilitation Recommendation	Repair Cost	Recommended	Remediation Plan
886	13	SSMHT0005122-SSMHT0005123	B	SS.GM.T0004188	SSMHT0005122	SSMHT0005123	108	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
887	13	SSMHT0005123-SSMHT0005131	B	SS.GM.T0009268	SSMHT0005123	SSMHT0005131	259	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
888	13	SSMHT0005124-SSMHT0005125	B	SS.GM.T0009257	SSMHT0005124	SSMHT0005125	15	15	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
889	13	SSMHT0005125-SSMHT0005115	B	SS.GM.T0009263	SSMHT0005125	SSMHT0005115	225	24	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
890	13	SSMHT0005126-SSMHT0005125	B	SS.GM.T0009264	SSMHT0005126	SSMHT0005125	40	18	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
891	13	SSMHT0005127-SSMHT0004907	B	SS.GM.T0009052	SSMHT0005127	SSMHT0004907	78	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
892	13	SSMHT0005128-SSMHT0005126	B	SS.GM.T0009269	SSMHT0005128	SSMHT0005126	86	48	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
893	13	SSMHT0005129-SSMHT0005110	B	SS.GM.T0009260	SSMHT0005129	SSMHT0005110	243	18	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
894	13	SSMHT0005130-SSMHT0005129	B	SS.GM.T0005807	SSMHT0005130	SSMHT0005129	155	18	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
895	13	SSMHT0005131-SSMHT0005124	B	SS.GM.T0004178	SSMHT0005131	SSMHT0005124	50	15	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
896	13	SSMHT0005132-SSMHT0005127	B	SS.GM.T0009267	SSMHT0005132	SSMHT0005127	58	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
897	13	SSMHT0005611-SSMHT0014081	B	SS.GM.T0004696	SSMHT0005611	SSMHT0014081	422	36	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
898	13	SSMHT0005612-SSMHT0005617	B	SS.GM.T0004698	SSMHT0005612	SSMHT0005617	308	36	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
899	13	SSMHT0005613-SSMHT0005618	B	SS.GM.T0004700	SSMHT0005613	SSMHT0005618	347	36	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
900	13	SSMHT0005616-SSMHT0004399	C	SS.GM.T0003681	SSMHT0005616	SSMHT0004399	271	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
901	13	SSMHT0005617-SSMHT0005611	B	SS.GM.T0004697	SSMHT0005617	SSMHT0005611	333	36	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
902	13	SSMHT0005618-SSMHT0005612	B	SS.GM.T0004699	SSMHT0005618	SSMHT0005612	523	36	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
903	13	SSMHT0005620-SSMHT0001026	D	SS.GM.T0007709	SSMHT0005620	SSMHT0001026	290	6	Point Repair at 71 ft from 01026	\$ 4,750	\$ 4,750	Point Repair
904	13	SSMHT0005621-SSMHT0014013	C	SS.GM.T0008270	SSMHT0005621	SSMHT0014013	648	6	Point Repair at 122 ft from 05621	\$ -	\$ -	Monitor in CMOM
905	13	SSMHT0005622-SSMHT0005616	B	SS.GM.T0004366	SSMHT0005622	SSMHT0005616	438	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
906	13	SSMHT0005623-SSMHT0005616	B	SS.GM.T0004363	SSMHT0005623	SSMHT0005616	313	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
907	13	SSMHT0005624-SSMHT0005662	B	SS.GM.T0007361	SSMHT0005624	SSMHT0005662	243	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
908	13	SSMHT0005628-SSMHT0005629	C	SS.GM.T0004367	SSMHT0005628	SSMHT0005629	417	36	Locate and Expose 05628; Clean and CCTV	\$ -	\$ -	Monitor in CMOM
909	13	SSMHT0005629-SSMHT0004519	B	SS.GM.T0009747	SSMHT0005629	SSMHT0004519	441	36	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
910	13	SSMHT0005637-SSMHT0005636	C	SS.GM.T0007881	SSMHT0005637	SSMHT0005636	162	10	Assign to high frequency cleaning - tuberculation	\$ 243	\$ -	Add to High Frequency Cleaning in CMOM
911	13	SSMHT0005638-SSMHT0005637	B	SS.GM.T0007046	SSMHT0005638	SSMHT0005637	274	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
912	13	SSMHT0005639-SSMHT0005638	D	SS.GM.T0007045	SSMHT0005639	SSMHT0005638	428	10	Point Repair at 2 ft from 05639	\$ 4,750	\$ 4,750	Point Repair
913	13	SSMHT0005640-SSMHT0005639	D	SS.GM.T0007049	SSMHT0005640	SSMHT0005639	278	10	Point Repair at 147 ft from 05640	\$ 4,750	\$ 4,750	Point Repair
914	13	SSMHT0005641-SSMHT0005643	C	SS.GM.T0004692	SSMHT0005641	SSMHT0005643	429	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
915	13	SSMHT0005642-SSMHT0002703	B	SS.GM.T0004693	SSMHT0005642	SSMHT0002703	280	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
916	13	SSMHT0005648-SSMHT0005647	C	SS.GM.T0007704	SSMHT0005648	SSMHT0005647	302	10	Add to Root Removal Schedule	\$ 529	\$ -	Add to Root Removal Program in CMOM
917	13	SSMHT0005649-SSMHT0005648	C	SS.GM.T0007705	SSMHT0005649	SSMHT0005648	297	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
918	13	SSMHT0005650-SSMHT0005649	D	SS.GM.T0007706	SSMHT0005650	SSMHT0005649	299	10	Point Repair at 288 ft from 05650	\$ 4,750	\$ 4,750	Point Repair
919	13	SSMHT0005651-SSMHT0005636	B	SS.GM.T0007044	SSMHT0005651	SSMHT0005636	486	36	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
920	13	SSMHT0005652-SSMHT0005651	B	SS.GM.T0004694	SSMHT0005652	SSMHT0005651	543	36	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
921	13	SSMHT0005653-SSMHT0005652	B	SS.GM.T0004695	SSMHT0005653	SSMHT0005652	479	36	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
922	13	SSMHT0005656-SSMHT0014016	D	SS.GM.T0009712	SSMHT0005656	SSMHT0014016	536	6	Point Repairs at 24, 257 and 268 ft from 03265	\$ 14,250	\$ 14,250	Point Repair
923	13	SSMHT0005657-SSMHT0004620	C	SS.GM.T0008451	SSMHT0005657	SSMHT0004620	201	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
924	13	SSMHT0005658-SSMHT0004399	C	SS.GM.T0004522	SSMHT0005658	SSMHT0004399	400	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
925	13	SSMHT0005660-SSMHT0004398	B	SS.GM.T0004670	SSMHT0005660	SSMHT0004398	449	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
926	13	SSMHT0005662-SSMHT0005623	B	SS.GM.T0007042	SSMHT0005662	SSMHT0005623	132	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
927	13	SSMHT0005663-SSMHT0002690	C	SS.GM.T0007880	SSMHT0005663	SSMHT0002690	478	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
928	13	SSMHT0005664-SSMHT0005663	B	SS.GM.T0007052	SSMHT0005664	SSMHT0005663	85	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
929	13	SSMHT0005665-SSMHT0005664	C	SS.GM.T0007053	SSMHT0005665	SSMHT0005664	75	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
930	13	SSMHT0005666-SSMHT0004389	C	SS.GM.T0004676	SSMHT0005666	SSMHT0004389	207	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
931	13	SSMHT0005694-SSMHT0004829	B	SS.GM.T0004667	SSMHT0005694	SSMHT0004829	164	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
932	13	SSMHT0005694-SSMHT0012254	B	SS.GM.T0005042	SSMHT0005694	SSMHT0012254	255	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
933	13	SSMHT0005764-SSMHT0005765	B	SS.GM.T0004822	SSMHT0005764	SSMHT0005765	341	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
934	13	SSMHT0005765-SSMHT0005782	C	SS.GM.T0008672	SSMHT0005765	SSMHT0005782	148	6	Point Repair at 111 ft from 05765	\$ -	\$ -	Monitor in CMOM
935	13	SSMHT0005782-SSMHT0005783	B	SS.GM.T0008673	SSMHT0005782	SSMHT0005783	326	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
936	13	SSMHT0005783-SSMHT0005860	D	SS.GM.T0004825	SSMHT0005783	SSMHT0005860	382	6	Point Repairs at 244 and 375 ft from 05783	\$ 9,500	\$ 9,500	Point Repair
937	13	SSMHT0005844-SSMHT0014080	B	SS.GM.T0004800	SSMHT0005844	SSMHT0014080	23	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
938	13	SSMHT0005848-SSMHT0012818	C	SS.GM.T0004194	SSMHT0005848	SSMHT0012818	178	6	Point Repair at 134 ft from 05848	\$ -	\$ -	Monitor in CMOM
939	13	SSMHT0005849-SSMHT0005657	C	SS.GM.T0004193	SSMHT0005849	SSMHT0005657	465	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
940	13	SSMHT0005850-SSMHT0005004	B	SS.GM.T0004221	SSMHT0005850	SSMHT0005004	96	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
941	13	SSMHT0005851-SSMHT0005004	C	SS.GM.T0009203	SSMHT0005851	SSMHT0005004	369	6	Add to Root Removal Schedule	\$ 646	\$ -	Add to Root Removal Program in CMOM
942	13	SSMHT0005852-SSMHT0005851	B	SS.GM.T0004223	SSMHT0005852	SSMHT0005851	74	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
943	13	SSMHT0005853-SSMHT0005854	C	SS.GM.T0004232	SSMHT0005853	SSMHT0005854	436	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
944	13	SSMHT0005854-SSMHT0005052	B	SS.GM.T0009305	SSMHT0005854	SSMHT0005052	224	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM



Remedial Measure Description	Quantity	Remediation Plan
Access; Clean and Inspection (I.f.)	22,933	\$ 271,280
Pipe Burst or Replace (I.f.)	24,604	\$ 2,811,731
Point Repair (ea.)	570	\$ 2,707,250
Replace Mainline (I.f.)	816	\$ 163,200
Cured In Place Pipe Liner (I.f.)	1,595	\$ 126,125
Total Remedial Measures		\$ 6,079,586
Deferred for Capacity Analysis		\$ 145,200
Group 2 Mainline Remedial Measures		\$ 5,934,386

Group 2 - Mainline Condition Remedial Measures Summary - Basin 13

Item	Basin	Pipe Segment	Rating	City Pipe Asset ID	Upstream Manhole	Downstream Manhole	Pipe Length	Pipe Diameter	Preliminary Rehabilitation Recommendation	Repair Cost	Recommended	Remediation Plan
945	13	SSMHT0005855-SSMHT0005062	B	SS.GM.T0004208	SSMHT0005855	SSMHT0005062	38	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
946	13	SSMHT0005856-SSMHT0005024	B	SS.GM.T0008308	SSMHT0005856	SSMHT0005024	542	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
947	13	SSMHT0005857-SSMHT0005013	C	SS.GM.T0009752	SSMHT0005857	SSMHT0005013	457	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
948	13	SSMHT0005858-SSMHT0005853	C	SS.GM.T0009822	SSMHT0005858	SSMHT0005853	585	6	Point Repairs at 348 and 526 ft from 05858	\$ -	\$ -	Monitor in CMOM
949	13	SSMHT0005860-SSMHT0003208	C	SS.GM.T0009719	SSMHT0005860	SSMHT0003208	537	6	Access; Clean and Inspection	\$ -	\$ -	Monitor in CMOM
950	13	SSMHT0005899-SSMHT0005852	C	SS.GM.T0009749	SSMHT0005899	SSMHT0005852	438	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
951	13	SSMHT0005900-SSMHT0005857	C	SS.GM.T0008719	SSMHT0005900	SSMHT0005857	342	6	Point Repair at 320 ft from 05900	\$ -	\$ -	Monitor in CMOM
952	13	SSMHT0005901-SSMHT0004994	B	SS.GM.T0004201	SSMHT0005901	SSMHT0004994	82	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
953	13	SSMHT0005959-SSMHT0004800	B	SS.GM.T0009380	SSMHT0005959	SSMHT0004800	95	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
954	13	SSMHT0005960-SSMHT0004648	B	SS.GM.T0008311	SSMHT0005960	SSMHT0004648	371	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
955	13	SSMHT0005961-SSMHT0005962	B	SS.GM.T0004966	SSMHT0005961	SSMHT0005962	51	6	Locate and Expose 05962; Clean and CCTV	\$ -	\$ -	Monitor in CMOM
956	13	SSMHT0005962-SSMHT0004828	B	SS.GM.T0004666	SSMHT0005962	SSMHT0004828	145	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
957	13	SSMHT0005963-SSMHT0003230	B	SS.GM.T0008314	SSMHT0005963	SSMHT0003230	83	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
958	13	SSMHT0005964-SSMHT0004747	B	SS.GM.T0005045	SSMHT0005964	SSMHT0004747	136	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
959	13	SSMHT0005965-SSMHT0004725	B	SS.GM.T0006031	SSMHT0005965	SSMHT0004725	122	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
960	13	SSMHT0005966-SSMHT0014044	B	SS.GM.T0009383	SSMHT0005966	SSMHT0014044	320	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
961	13	SSMHT0005968-SSMHT0004843	C	SS.GM.T0006840	SSMHT0005968	SSMHT0004843	229	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
962	13	SSMHT0006367-SSMHT0005961	B	SS.GM.T0003123	SSMHT0006367	SSMHT0005961	50	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
963	13	SSMHT0006369-SSMHT0005550	B	SS.GM.T0002708	SSMHT0006369	SSMHT0005550	132	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
964	13	SSMHT0006369-SSMHT0006370	B	SS.GM.T0003126	SSMHT0006369	SSMHT0006370	187	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
965	13	SSMHT0006371-SSMHT0006370	B	SS.GM.T0002707	SSMHT0006371	SSMHT0006370	43	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
966	13	SSMHT0006838-SSMHT0012944	C	SS.GM.T0006073	SSMHT0006838	SSMHT0012944	286	6	Point Repairs at 60 and 209 ft from 06838	\$ -	\$ -	Monitor in CMOM
967	13	SSMHT0006839-SSMHT0003182	C	SS.GM.T0006289	SSMHT0006839	SSMHT0003182	25	6	Point Repair at 7 ft from 06839	\$ -	\$ -	Monitor in CMOM
968	13	SSMHT0006841-SSMHT0003190	C	SS.GM.T0006110	SSMHT0006841	SSMHT0003190	193	8	Assign to high frequency cleaning - grease	\$ 290	\$ -	Add to High Frequency Cleaning in CMOM
969	13	SSMHT0006842-SSMHT0010319	D	SS.GM.T0006294	SSMHT0006842	SSMHT0010319	367	8	Point Repairs at 86 and 102 ft from 06842	\$ 9,500	\$ 9,500	Point Repair
970	13	SSMHT0006843-SSMHT0006844	D	SS.GM.T0006317	SSMHT0006843	SSMHT0006844	388	6	Point Repair at 4 ft from 06844*	\$ 4,750	\$ 4,750	Point Repair
971	13	SSMHT0006844-SSMHT0003179	C	SS.GM.T0006319	SSMHT0006844	SSMHT0003179	154	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
972	13	SSMHT0006845-SSMHT0003285	D	SS.GM.T0008737	SSMHT0006845	SSMHT0003285	331	8	Point Repair at 215 ft from 06845	\$ 4,750	\$ 4,750	Point Repair
973	13	SSMHT0006846-SSMHT0003287	C	SS.GM.T0008739	SSMHT0006846	SSMHT0003287	903	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
974	13	SSMHT0006847-SSMHT0004686	C	SS.GM.T0007125	SSMHT0006847	SSMHT0004686	346	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
975	13	SSMHT0006848-SSMHT0004686	B	SS.GM.T0008975	SSMHT0006848	SSMHT0004686	90	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
976	13	SSMHT0007595-SSMHT0007596	B	SS.GM.T0010706	SSMHT0007595	SSMHT0007596	421	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
977	13	SSMHT0007596-SSMHT0007597	B	SS.GM.T0012969	SSMHT0007596	SSMHT0007597	105	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
978	13	SSMHT0007597-SSMHT0007598	B	SS.GM.T0012968	SSMHT0007597	SSMHT0007598	205	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
979	13	SSMHT0007599-SSMHT0007600	B	SS.GM.T0013265	SSMHT0007599	SSMHT0007600	104	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
980	13	SSMHT0007600-SSMHT0007601	B	SS.GM.T0010707	SSMHT0007600	SSMHT0007601	395	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
981	13	SSMHT0007601-SSMHT0007598	B	SS.GM.T0013266	SSMHT0007601	SSMHT0007598	29	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
982	13	SSMHT0007930-SSMHT0007931	B	SS.GM.T0011465	SSMHT0007930	SSMHT0007931	88	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
983	13	SSMHT0007931-SSMHT0007932	B	SS.GM.T0009239	SSMHT0007931	SSMHT0007932	262	15	Assign to high frequency cleaning - tuberculation	\$ 393	\$ -	Add to High Frequency Cleaning in CMOM
984	13	SSMHT0007932-SSMHT0005070	B	SS.GM.T0009281	SSMHT0007932	SSMHT0005070	51	15	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
985	13	SSMHT0008093-SSMHT0004696	D	SS.GM.T0006328	SSMHT0008093	SSMHT0004696	347	6	Point Repairs at 88 and 160 ft from 08093*	\$ 9,500	\$ 9,500	Point Repair
986	13	SSMHT0008094-SSMHT0008093	B	SS.GM.T0006329	SSMHT0008094	SSMHT0008093	41	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
987	13	SSMHT0008945-SSMHT0004402	B	SS.GM.T0012297	SSMHT0008945	SSMHT0004402	571	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
988	13	SSMHT0008946-SSMHT0008945	C	SS.GM.T0012298	SSMHT0008946	SSMHT0008945	591	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
989	13	SSMHT0008947-SSMHT0008946	B	SS.GM.T0012299	SSMHT0008947	SSMHT0008946	585	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
990	13	SSMHT0008948-SSMHT0008947	B	SS.GM.T0012300	SSMHT0008948	SSMHT0008947	31	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
991	13	SSMHT0008949-SSMHT0008948	B	SS.GM.T0012301	SSMHT0008949	SSMHT0008948	281	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
992	13	SSMHT0008950-SSMHT0008949	B	SS.GM.T0004975	SSMHT0008950	SSMHT0008949	434	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
993	13	SSMHT0008951-SSMHT0008950	B	SS.GM.T0012302	SSMHT0008951	SSMHT0008950	290	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
994	13	SSMHT0009168-SSMHT0002701	B	SS.GM.T0013008	SSMHT0009168	SSMHT0002701	929	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
995	13	SSMHT0009191-SSMHT0003056	D	SS.GM.T0006515	SSMHT0009191	SSMHT0003056	320	6	Point Repairs at 16 & 322 ft from 09191	\$ -	\$ -	Monitor in CMOM
996	13	SSMHT0009195-SSMHT0002298	C	SS.GM.T0013046	SSMHT0009195	SSMHT0002298	291	6	Point Repair at 31, 77, 132, 240 & 270 ft from 09195	\$ 23,750	\$ 23,750	Point Repair/Pipe Burst/Replace
997	13	SSMHT0009196-SSMHT0002301	B	SS.GM.T0013264	SSMHT0009196	SSMHT0002301	440	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
998	13	SSMHT0009206-SSMHT0002299	E	SS.GM.T0006484	SSMHT0009206	SSMHT0002299	474	6	Burst to 8" - 15 svc	\$ 66,540	\$ 66,540	Pipe Burst or Replace
999	13	SSMHT0009207-SSMHT0003127	C	SS.GM.T0005503	SSMHT0009207	SSMHT0003127	447	6	Point Repair at 125 ft from 09207	\$ -	\$ -	Monitor in CMOM
1000	13	SSMHT0009416-SSMHT0003031	D	SS.GM.T0005514	SSMHT0009416	SSMHT0003031	50	6	Burst to 8" - 1 svc	\$ 6,000	\$ 6,000	Pipe Burst or Replace
1001	13	SSMHT0009430-SSMHT0009431	C	SS.GM.T0005079	SSMHT0009430	SSMHT0009431	123	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1002	13	SSMHT0009431-SSMHT0003255	C	SS.GM.T0005078	SSMHT0009431	SSMHT0003255	54	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1003	13	SSMHT0009432-SSMHT0009430	C	SS.GM.T0005082	SSMHT0009432	SSMHT0009430	168	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM



Remedial Measure Description	Quantity	Remediation Plan
Access; Clean and Inspection (I.f.)	22,933	\$ 271,280
Pipe Burst or Replace (I.f.)	24,604	\$ 2,811,731
Point Repair (ea.)	570	\$ 2,707,250
Replace Mainline (I.f.)	816	\$ 163,200
Cured In Place Pipe Liner (I.f.)	1,595	\$ 126,125
Total Remedial Measures		\$ 6,079,586
Deferred for Capacity Analysis		\$ 145,200
Group 2 Mainline Remedial Measures		\$ 5,934,386

Group 2 - Mainline Condition Remedial Measures Summary - Basin 13

Item	Basin	Pipe Segment	Rating	City Pipe Asset ID	Upstream Manhole	Downstream Manhole	Pipe Length	Pipe Diameter	Preliminary Rehabilitation Recommendation	Repair Cost	Recommended	Remediation Plan
1004	13	SSMHT0009433-SSMHT0009432	D	SS.GM.T0005083	SSMHT0009433	SSMHT0009432	66	6	Access; Clean and Inspection	\$ 860	\$ 860	Access; Clean and Inspection
1005	13	SSMHT0009434-SSMHT0003244	C	SS.GM.T0009299	SSMHT0009434	SSMHT0003244	288	6	Point Repair at 25 ft from 03244	\$ -	\$ -	Monitor in CMOM
1006	13	SSMHT0009435-SSMHT0003242	B	SS.GM.T0009298	SSMHT0009435	SSMHT0003242	262	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1007	13	SSMHT0009436-SSMHT0004736	D	SS.GM.T0008080	SSMHT0009436	SSMHT0004736	222	6	Access; Clean and Inspection	\$ 2,420	\$ 2,420	Access; Clean and Inspection
1008	13	SSMHT0009437-SSMHT0010040	D	SS.GM.T0004896	SSMHT0009437	SSMHT0010040	288	6	Point Repair at 91, 262 and 292 ft from 09437	\$ 14,250	\$ 14,250	Point Repair
1009	13	SSMHT0009438-SSMHT0004883	B	SS.GM.T0008057	SSMHT0009438	SSMHT0004883	557	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1010	13	SSMHT0009439-SSMHT0004942	C	SS.GM.T0009170	SSMHT0009439	SSMHT0004942	178	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1011	13	SSMHT0009444-SSMHT0004900	B	SS.GM.T0009159	SSMHT0009444	SSMHT0004900	330	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1012	13	SSMHT0009445-SSMHT0012937	C	SS.GM.T0009156	SSMHT0009445	SSMHT0012937	100	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1013	13	SSMHT0009450-SSMHT0005028	C	SS.GM.T0008063	SSMHT0009450	SSMHT0005028	583	6	Add to Root Removal Schedule	\$ 1,020	\$ -	Add to Root Removal Program in CMOM
1014	13	SSMHT0009452-SSMHT0009453	B	SS.GM.T0008518	SSMHT0009452	SSMHT0009453	125	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1015	13	SSMHT0009453-SSMHT0004697	B	SS.GM.T0009389	SSMHT0009453	SSMHT0004697	117	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1016	13	SSMHT0009454-SSMHT0003249	B	SS.GM.T0005103	SSMHT0009454	SSMHT0003249	65	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1017	13	SSMHT0009455-SSMHT0009454	B	SS.GM.T0005104	SSMHT0009455	SSMHT0009454	203	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1018	13	SSMHT0009456-SSMHT0010054	B	SS.GM.T0008077	SSMHT0009456	SSMHT0010054	210	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1019	13	SSMHT0009482-SSMHT0002695	D	SS.GM.T0004987	SSMHT0009482	SSMHT0002695	914	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1020	13	SSMHT0009500-SSMHT0003123	C	SS.GM.T0008390	SSMHT0009500	SSMHT0003123	366	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1021	13	SSMHT0009501-SSMHT0000774	D	SS.GM.T0006511	SSMHT0009501	SSMHT0000774	629	6	Point Repairs at 254 & 405 ft from 00774	\$ 9,500	\$ 9,500	Point Repair
1022	13	SSMHT0009513-SSMHT0001797	B	SS.GM.T0008237	SSMHT0009513	SSMHT0001797	590	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1023	13	SSMHT0009515-SSMHT0004862	B	SS.GM.T0009389	SSMHT0009515	SSMHT0004862	275	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1024	13	SSMHT0009516-SSMHT0004702	C	SS.GM.T0006471	SSMHT0009516	SSMHT0004702	213	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1025	13	SSMHT0009624-SSMHT0002698	B	SS.GM.T0004688	SSMHT0009624	SSMHT0002698	102	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1026	13	SSMHT0009627-SSMHT0002297	B	SS.GM.T0007859	SSMHT0009627	SSMHT0002297	113	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1027	13	SSMHT0009628-SSMHT0004435	B	SS.GM.T0008102	SSMHT0009628	SSMHT0004435	70	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1028	13	SSMHT0009638-SSMHT0004579	B	SS.GM.T0008268	SSMHT0009638	SSMHT0004579	299	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1029	13	SSMHT0009639-SSMHT0004583	C	SS.GM.T0008267	SSMHT0009639	SSMHT0004583	319	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1030	13	SSMHT0009658-SSMHT0010039	B	SS.GM.T0008515	SSMHT0009658	SSMHT0010039	180	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1031	13	SSMHT0009659-SSMHT0009660	D	SS.GM.T0005122	SSMHT0009659	SSMHT0009660	319	6	Burst to 8" - 11 svc	\$ 46,365	\$ 46,365	Pipe Burst or Replace
1032	13	SSMHT0009660-SSMHT0009661	B	SS.GM.T0005121	SSMHT0009660	SSMHT0009661	69	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1033	13	SSMHT0009661-SSMHT0003270	C	SS.GM.T0005120	SSMHT0009661	SSMHT0003270	100	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1034	13	SSMHT0009662-SSMHT0003272	D	SS.GM.T0006036	SSMHT0009662	SSMHT0003272	162	6	Point Repairs at 184 and 207 ft from 09662	\$ 9,500	\$ 9,500	Point Repair
1035	13	SSMHT0009663-SSMHT0012854	C	SS.GM.T0005129	SSMHT0009663	SSMHT0012854	269	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1036	13	SSMHT0009665-SSMHT0003298	B	SS.GM.T0007107	SSMHT0009665	SSMHT0003298	186	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1037	13	SSMHT0009666-SSMHT0009665	C	SS.GM.T0007108	SSMHT0009666	SSMHT0009665	181	6	Point Repairs at 60 and 149 ft from 09666	\$ -	\$ -	Monitor in CMOM
1038	13	SSMHT0009675-SSMHT0004945	B	SS.GM.T0009051	SSMHT0009675	SSMHT0004945	235	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1039	13	SSMHT0009676-SSMHT0003176	C	SS.GM.T0006311	SSMHT0009676	SSMHT0003176	164	6	Point Repair at 208 ft from 09676	\$ -	\$ -	Monitor in CMOM
1040	13	SSMHT0009677-SSMHT0003266	C	SS.GM.T0009114	SSMHT0009677	SSMHT0003266	398	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1041	13	SSMHT0009678-SSMHT0004872	D	SS.GM.T0009135	SSMHT0009678	SSMHT0004872	291	6	Point Repair at 87 ft from 04872	\$ 4,750	\$ 4,750	Point Repair
1042	13	SSMHT0009679-SSMHT0004885	D	SS.GM.T0008516	SSMHT0009679	SSMHT0004885	78	6	Access; Clean and Inspection	\$ 980	\$ 980	Access; Clean and Inspection
1043	13	SSMHT0009950-SSMHT0006371	B	SS.GM.T0002706	SSMHT0009950	SSMHT0006371	172	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1044	13	SSMHT0009951-SSMHT0006371	B	SS.GM.T0003127	SSMHT0009951	SSMHT0006371	155	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1045	13	SSMHT0009952-SSMHT0006369	B	SS.GM.T0003125	SSMHT0009952	SSMHT0006369	168	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1046	13	SSMHT0010008-SSMHT0004466	C	SS.GM.T0008123	SSMHT0010008	SSMHT0004466	368	6	Point Repair at 61, 209 and 254 ft from 10008	\$ -	\$ -	Monitor in CMOM
1047	13	SSMHT0010009-SSMHT0004436	B	SS.GM.T0008100	SSMHT0010009	SSMHT0004436	284	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1048	13	SSMHT0010010-SSMHT0004414	C	SS.GM.T0006350	SSMHT0010010	SSMHT0004414	269	6	Point Repair at 161 ft from 04414	\$ -	\$ -	Monitor in CMOM
1049	13	SSMHT0010011-SSMHT0001147	D	SS.GM.T0008091	SSMHT0010011	SSMHT0001147	525	6	Point Repair at 197, 257 & 534 ft from 01147	\$ 14,250	\$ 14,250	Point Repair
1050	13	SSMHT0010012-SSMHT0004579	B	SS.GM.T0008281	SSMHT0010012	SSMHT0004579	243	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1051	13	SSMHT0010013-SSMHT0004592	B	SS.GM.T0004855	SSMHT0010013	SSMHT0004592	369	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1052	13	SSMHT0010014-SSMHT0004585	B	SS.GM.T0008278	SSMHT0010014	SSMHT0004585	239	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1053	13	SSMHT0010015-SSMHT0004587	C	SS.GM.T0008275	SSMHT0010015	SSMHT0004587	465	6	Point Repair at 2165 ft from 10015	\$ -	\$ -	Monitor in CMOM
1054	13	SSMHT0010016-SSMHT0003012	C	SS.GM.T0006371	SSMHT0010016	SSMHT0003012	376	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1055	13	SSMHT0010017-SSMHT0000674	C	SS.GM.T0005153	SSMHT0010017	SSMHT0000674	73	6	Point Repair at 173 ft from 04480	\$ -	\$ -	Monitor in CMOM
1056	13	SSMHT0010031-SSMHT0010300	C	SS.GM.T0005089	SSMHT0010031	SSMHT0010300	243	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1057	13	SSMHT0010032-SSMHT0003251	D	SS.GM.T0009105	SSMHT0010032	SSMHT0003251	254	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1058	13	SSMHT0010033-SSMHT0004844	C	SS.GM.T0009395	SSMHT0010033	SSMHT0004844	390	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1059	13	SSMHT0010036-SSMHT0004868	B	SS.GM.T0009130	SSMHT0010036	SSMHT0004868	177	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1060	13	SSMHT0010037-SSMHT0010036	C	SS.GM.T0008514	SSMHT0010037	SSMHT0010036	377	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1061	13	SSMHT0010038-SSMHT0009677	B	SS.GM.T0008513	SSMHT0010038	SSMHT0009677	183	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1062	13	SSMHT0010039-SSMHT0003300	C	SS.GM.T0009131	SSMHT0010039	SSMHT0003300	249	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM



Remedial Measure Description	Quantity	Remediation Plan
Access; Clean and Inspection (I.f.)	22,933	\$ 271,280
Pipe Burst or Replace (I.f.)	24,604	\$ 2,811,731
Point Repair (ea.)	570	\$ 2,707,250
Replace Mainline (I.f.)	816	\$ 163,200
Cured In Place Pipe Liner (I.f.)	1,595	\$ 126,125
Total Remedial Measures		\$ 6,079,586
Deferred for Capacity Analysis		\$ 145,200
Group 2 Mainline Remedial Measures		\$ 5,934,386

Group 2 - Mainline Condition Remedial Measures Summary - Basin 13

Item	Basin	Pipe Segment	Rating	City Pipe Asset ID	Upstream Manhole	Downstream Manhole	Pipe Length	Pipe Diameter	Preliminary Rehabilitation Recommendation	Repair Cost	Recommended	Remediation Plan
1063	13	SSMHT0010040-SSMHT0004750	D	SS.GM.T0004897	SSMHT0010040	SSMHT0004750	378	6	Point Repair at 82 and 112 ft from 10040 and 17 ft from 04750	\$ 14,250	\$ 14,250	Point Repair
1064	13	SSMHT0010054-SSMHT0003251	B	SS.GM.T0008078	SSMHT0010054	SSMHT0003251	74	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1065	13	SSMHT0010055-SSMHT0009456	C	SS.GM.T0008076	SSMHT0010055	SSMHT0009456	211	6	Add to Root Removal Schedule	\$ 369	\$ -	Add to Root Removal Program in CMOM
1066	13	SSMHT0010088-SSMHT0002577	C	SS.GM.T0007967	SSMHT0010088	SSMHT0002577	328	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1067	13	SSMHT0010109-SSMHT0010011	C	SS.GM.T0007398	SSMHT0010109	SSMHT0010109	512	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1068	13	SSMHT0010111-SSMHT0003110	C	SS.GM.T0005366	SSMHT0010111	SSMHT0003110	749	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1069	13	SSMHT0010113-SSMHT0003110	B	SS.GM.T0005406	SSMHT0010113	SSMHT0003110	254	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1070	13	SSMHT0010114-SSMHT0003115	D	SS.GM.T0003943	SSMHT0010114	SSMHT0003115	448	6	Access; Clean and Inspection	\$ 4,678	\$ 4,678	Access; Clean and Inspection
1071	13	SSMHT0010115-SSMHT0014006	B	SS.GM.T0005044	SSMHT0010115	SSMHT0014006	100	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1072	13	SSMHT0010118-SSMHT0004483	D	SS.GM.T0007402	SSMHT0010118	SSMHT0004483	686	6	Point Repair at 593 ft from 04483	\$ 4,750	\$ 4,750	Point Repair
1073	13	SSMHT0010119-SSMHT0004413	D	SS.GM.T0004073	SSMHT0010119	SSMHT0004413	91	6	Burst to 8" - 10 svc	\$ 25,235	\$ 25,235	Pipe Burst or Replace
1074	13	SSMHT0010271-SSMHT0010273	B	SS.GM.T0007021	SSMHT0010271	SSMHT0010273	248	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1075	13	SSMHT0010273-SSMHT0010274	C	SS.GM.T0007022	SSMHT0010273	SSMHT0010274	297	6	Point Repair at 2 ft from 10274	\$ -	\$ -	Monitor in CMOM
1076	13	SSMHT0010274-SSMHT0002309	C	SS.GM.T0007878	SSMHT0010274	SSMHT0002309	255	6	Point Repairs at 1, 233 & 292 ft from 02309	\$ -	\$ -	Monitor in CMOM
1077	13	SSMHT0010277-SSMHT0010276	B	SS.GM.T0007028	SSMHT0010277	SSMHT0010276	23	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1078	13	SSMHT0010277-SSMHT0002735	D	SS.GM.T0007029	SSMHT0010277	SSMHT0002735	299	6	Point Repair at 276 ft from 02735	\$ 4,750	\$ 4,750	Point Repair
1079	13	SSMHT0010278-SSMHT0002732	C	SS.GM.T0005173	SSMHT0010278	SSMHT0002732	406	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1080	13	SSMHT0010294-SSMHT0010295	C	SS.GM.T0008055	SSMHT0010294	SSMHT0010295	358	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1081	13	SSMHT0010295-SSMHT0010296	D	SS.GM.T0008054	SSMHT0010295	SSMHT0010296	104	6	Point Repair at 116 ft from 10296	\$ 4,750	\$ 4,750	Point Repair
1082	13	SSMHT0010296-SSMHT0004740	D	SS.GM.T0008053	SSMHT0010296	SSMHT0004740	113	6	Point Repair at 38 & 46 ft from 004740	\$ 9,500	\$ 9,500	Point Repair
1083	13	SSMHT0010297-SSMHT0004742	D	SS.GM.T0008081	SSMHT0010297	SSMHT0004742	54	6	Access; Clean and Inspection	\$ 740	\$ 740	Access; Clean and Inspection
1084	13	SSMHT0010298-SSMHT0003238	C	SS.GM.T0005096	SSMHT0010298	SSMHT0003238	317	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1085	13	SSMHT0010299-SSMHT0003237	C	SS.GM.T0005092	SSMHT0010299	SSMHT0003237	17	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1086	13	SSMHT0010300-SSMHT0004743	B	SS.GM.T0005090	SSMHT0010300	SSMHT0004743	44	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1087	13	SSMHT0010302-SSMHT0004919	B	SS.GM.T0009164	SSMHT0010302	SSMHT0004919	127	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1088	13	SSMHT0010303-SSMHT0014074	B	SS.GM.T0009154	SSMHT0010303	SSMHT0014074	173	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1089	13	SSMHT0010304-SSMHT0005025	C	SS.GM.T0009211	SSMHT0010304	SSMHT0005025	96	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1090	13	SSMHT0010305-SSMHT0005057	B	SS.GM.T0009232	SSMHT0010305	SSMHT0005057	44	6	Assign to high frequency cleaning - tuberculation	\$ 66	\$ -	Add to High Frequency Cleaning in CMOM
1091	13	SSMHT0010306-SSMHT0005027	B	SS.GM.T0008062	SSMHT0010306	SSMHT0005027	182	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1092	13	SSMHT0010307-SSMHT0005034	D	SS.GM.T0006057	SSMHT0010307	SSMHT0005034	130	6	Point Repairs at 112 and 193 ft from 05034	\$ 9,500	\$ 9,500	Point Repair
1093	13	SSMHT0010308-SSMHT0005036	D	SS.GM.T0009219	SSMHT0010308	SSMHT0005036	858	6	Point Repair at 216 ft from 05036	\$ 4,750	\$ 4,750	Point Repair
1094	13	SSMHT0010313-SSMHT0003184	D	SS.GM.T0008986	SSMHT0010313	SSMHT0003184	393	6	Point Repairs at 245 and 309 ft from 03184*	\$ 9,500	\$ 9,500	Point Repair
1095	13	SSMHT0010314-SSMHT0004704	D	SS.GM.T0008999	SSMHT0010314	SSMHT0004704	183	6	Point Repair at 218 ft from 04704	\$ 4,750	\$ 4,750	Point Repair
1096	13	SSMHT0010315-SSMHT0003192	C	SS.GM.T0008997	SSMHT0010315	SSMHT0003192	367	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1097	13	SSMHT0010316-SSMHT0004878	B	SS.GM.T0008069	SSMHT0010316	SSMHT0004878	151	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1098	13	SSMHT0010317-SSMHT0003187	C	SS.GM.T0008987	SSMHT0010317	SSMHT0003187	479	6	Point Repairs at 167 and 241 ft from 03187	\$ -	\$ -	Monitor in CMOM
1099	13	SSMHT0010318-SSMHT0004881	C	SS.GM.T0008575	SSMHT0010318	SSMHT0004881	279	6	Point Repairs at 291, 313, 340, 350 and 397 ft from 04881	\$ -	\$ -	Monitor in CMOM
1100	13	SSMHT0010319-SSMHT0003181	C	SS.GM.T0006292	SSMHT0010319	SSMHT0003181	170	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1101	13	SSMHT0010320-SSMHT0003312	D	SS.GM.T0009141	SSMHT0010320	SSMHT0003312	361	6	Point Repairs at 81 and 105 ft from 03312	\$ 9,500	\$ 9,500	Point Repair
1102	13	SSMHT0010321-SSMHT0004701	E	SS.GM.T0006085	SSMHT0010321	SSMHT0004701	641	6	Point Repair at 516 ft from 04701	\$ 4,750	\$ 4,750	Point Repair
1103	13	SSMHT0010323-SSMHT0012849	C	SS.GM.T0005109	SSMHT0010323	SSMHT0012849	80	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1104	13	SSMHT0010343-SSMHT0002695	B	SS.GM.T0004986	SSMHT0010343	SSMHT0002695	140	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1105	13	SSMHT0010344-SSMHT0002696	B	SS.GM.T0007897	SSMHT0010344	SSMHT0002696	279	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1106	13	SSMHT0010545-SSMHT0004477	D	SS.GM.T0004437	SSMHT0010545	SSMHT0004477	417	6	Point Repair at 276 ft from 04477	\$ 4,750	\$ 4,750	Point Repair
1107	13	SSMHT0010562-SSMHT0005024	B	SS.GM.T0004226	SSMHT0010562	SSMHT0005024	527	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1108	13	SSMHT0010564-SSMHT0005085	D	SS.GM.T0004236	SSMHT0010564	SSMHT0005085	486	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1109	13	SSMHT0010566-SSMHT0001025	B	SS.GM.T0004467	SSMHT0010566	SSMHT0001025	109	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1110	13	SSMHT0010567-SSMHT0004385	B	SS.GM.T0007902	SSMHT0010567	SSMHT0004385	383	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1111	13	SSMHT0010568-SSMHT0005624	B	SS.GM.T0004571	SSMHT0010568	SSMHT0005624	402	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1112	13	SSMHT0010569-SSMHT0005619	B	SS.GM.T0007899	SSMHT0010569	SSMHT0005619	126	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1113	13	SSMHT0010570-SSMHT0012968	C	SS.GM.T0003686	SSMHT0010570	SSMHT0012968	153	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1114	13	SSMHT0010574-SSMHT0003014	B	SS.GM.T0007960	SSMHT0010574	SSMHT0003014	220	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1115	13	SSMHT0010575-SSMHT0003016	C	SS.GM.T0005896	SSMHT0010575	SSMHT0003016	412	6	Add to Root Removal Schedule	\$ 721	\$ -	Add to Root Removal Program in CMOM
1116	13	SSMHT0010576-SSMHT0009191	D	SS.GM.T0006519	SSMHT0010576	SSMHT0009191	165	6	Point Repairs at 28 & 52 ft from 09191	\$ 9,500	\$ 9,500	Point Repair
1117	13	SSMHT0010577-SSMHT0012799	D	SS.GM.T0005895	SSMHT0010577	SSMHT0012799	476	6	Access; Clean and Inspection	\$ 4,960	\$ 4,960	Access; Clean and Inspection
1118	13	SSMHT0010578-SSMHT0009191	D	SS.GM.T0007957	SSMHT0010578	SSMHT0009191	295	6	Burst to 8" - 9 svc	\$ 40,825	\$ 40,825	Pipe Burst or Replace
1119	13	SSMHT0010579-SSMHT0003032	C	SS.GM.T0005894	SSMHT0010579	SSMHT0003032	285	6	Point Repair at 20 ft from 03032	\$ -	\$ -	Monitor in CMOM
1120	13	SSMHT0010580-SSMHT0002727	D	SS.GM.T0005490	SSMHT0010580	SSMHT0002727	576	6	Point Repair at 2345ft from 027	\$ 4,750	\$ 4,750	Point Repair
1121	13	SSMHT0010581-SSMHT0002306	D	SS.GM.T0006494	SSMHT0010581	SSMHT0002306	179	6	Access; Clean and Inspection	\$ 1,990	\$ 1,990	Access; Clean and Inspection



Remedial Measure Description	Quantity	Remediation Plan
Access; Clean and Inspection (I.f.)	22,933	\$ 271,280
Pipe Burst or Replace (I.f.)	24,604	\$ 2,811,731
Point Repair (ea.)	570	\$ 2,707,250
Replace Mainline (I.f.)	816	\$ 163,200
Cured In Place Pipe Liner (I.f.)	1,595	\$ 126,125
Total Remedial Measures		\$ 6,079,586
Deferred for Capacity Analysis		\$ 145,200
Group 2 Mainline Remedial Measures		\$ 5,934,386

Group 2 - Mainline Condition Remedial Measures Summary - Basin 13

Item	Basin	Pipe Segment	Rating	City Pipe Asset ID	Upstream Manhole	Downstream Manhole	Pipe Length	Pipe Diameter	Preliminary Rehabilitation Recommendation	Repair Cost	Recommended	Remediation Plan
1122	13	SSMHT0010582-SSMHT0004412	B	SS.GM.T0006486	SSMHT0010582	SSMHT0004412	242	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1123	13	SSMHT0010583-SSMHT0004415	B	SS.GM.T0006481	SSMHT0010583	SSMHT0004415	166	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1124	13	SSMHT0010584-SSMHT0004416	B	SS.GM.T0006480	SSMHT0010584	SSMHT0004416	437	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1125	13	SSMHT0010585-SSMHT0002737	D	SS.GM.T0005403	SSMHT0010585	SSMHT0002737	542	6	Burst to 8" - 7 svc	\$ 58,320	\$ 58,320	Pipe Burst or Replace
1126	13	SSMHT0010586-SSMHT0004408	B	SS.GM.T0005400	SSMHT0010586	SSMHT0004408	218	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1127	13	SSMHT0010587-SSMHT0004405	B	SS.GM.T0005399	SSMHT0010587	SSMHT0004405	147	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1128	13	SSMHT0010588-SSMHT0002736	C	SS.GM.T0005404	SSMHT0010588	SSMHT0002736	567	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1129	13	SSMHT0010589-SSMHT0004410	C	SS.GM.T0005402	SSMHT0010589	SSMHT0004410	193	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1130	13	SSMHT0010590-SSMHT0002731	B	SS.GM.T0005405	SSMHT0010590	SSMHT0002731	332	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1131	13	SSMHT0010591-SSMHT0004409	C	SS.GM.T0005401	SSMHT0010591	SSMHT0004409	376	6	Point Repair at 78 ft from 04409	\$ -	\$ -	Monitor in CMOM
1132	13	SSMHT0010592-SSMHT0004419	B	SS.GM.T0005395	SSMHT0010592	SSMHT0004419	171	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1133	13	SSMHT0010593-SSMHT0012798	D	SS.GM.T0008327	SSMHT0010593	SSMHT0012798	132	6	Access; Clean and Inspection	\$ 1,520	\$ 1,520	Access; Clean and Inspection
1134	13	SSMHT0010630-SSMHT0002694	B	SS.GM.T0004991	SSMHT0010630	SSMHT0002694	226	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1135	13	SSMHT0010631-SSMHT0002693	B	SS.GM.T0004992	SSMHT0010631	SSMHT0002693	159	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1136	13	SSMHT0010632-SSMHT0002690	B	SS.GM.T0004044	SSMHT0010632	SSMHT0002690	275	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1137	13	SSMHT0010633-SSMHT0002693	B	SS.GM.T0004993	SSMHT0010633	SSMHT0002693	133	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1138	13	SSMHT0010634-SSMHT0002697	B	SS.GM.T0004989	SSMHT0010634	SSMHT0002697	73	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1139	13	SSMHT0010635-SSMHT0002689	B	SS.GM.T0004990	SSMHT0010635	SSMHT0002689	385	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1140	13	SSMHT0010636-SSMHT0014026	B	SS.GM.T0014141	SSMHT0010636	SSMHT0014026	192	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1141	13	SSMHT0010637-SSMHT0002702	D	SS.GM.T0004985	SSMHT0010637	SSMHT0002702	180	6	Point Repair at 87, 114, 132, 217 and 232 ft from 002702*	\$ 23,750	\$ 23,750	Point Repair/Pipe Burst/Replace
1142	13	SSMHT0010638-SSMHT0004429	B	SS.GM.T0004977	SSMHT0010638	SSMHT0004429	131	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1143	13	SSMHT0010639-SSMHT0001023	C	SS.GM.T0004978	SSMHT0010639	SSMHT0001023	141	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1144	13	SSMHT0010640-SSMHT0002703	B	SS.GM.T0004995	SSMHT0010640	SSMHT0002703	348	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1145	13	SSMHT0010643-SSMHT0004601	B	SS.GM.T0004866	SSMHT0010643	SSMHT0004601	328	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1146	13	SSMHT0010670-SSMHT0003236	B	SS.GM.T0006837	SSMHT0010670	SSMHT0003236	98	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1147	13	SSMHT0010672-SSMHT0004748	D	SS.GM.T0004892	SSMHT0010672	SSMHT0004748	145	6	Point Repair at 150 ft from 04748	\$ 4,750	\$ 4,750	Point Repair
1148	13	SSMHT0010673-SSMHT0004939	B	SS.GM.T0005819	SSMHT0010673	SSMHT0004939	154	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1149	13	SSMHT0010674-SSMHT0006843	B	SS.GM.T0006318	SSMHT0010674	SSMHT0006843	137	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1150	13	SSMHT0010675-SSMHT0004802	C	SS.GM.T0004815	SSMHT0010675	SSMHT0004802	215	6	Add to Root Removal Schedule	\$ 376	\$ -	Add to Root Removal Program in CMOM
1151	13	SSMHT0010676-SSMHT0003172	D	SS.GM.T0006336	SSMHT0010676	SSMHT0003172	80	6	Point Repairs at 13 and 70 ft from 03172	\$ 9,500	\$ 9,500	Point Repair
1152	13	SSMHT0010677-SSMHT0003172	B	SS.GM.T0006341	SSMHT0010677	SSMHT0003172	313	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1153	13	SSMHT0010678-SSMHT0003169	B	SS.GM.T0008984	SSMHT0010678	SSMHT0003169	272	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1154	13	SSMHT0010679-SSMHT0004773	B	SS.GM.T0006476	SSMHT0010679	SSMHT0004773	305	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1155	13	SSMHT0010680-SSMHT0004786	B	SS.GM.T0009030	SSMHT0010680	SSMHT0004786	150	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1156	13	SSMHT0010681-SSMHT0004710	D	SS.GM.T0006098	SSMHT0010681	SSMHT0004710	901	6	Point Repair at 70 ft from 04710	\$ 4,750	\$ 4,750	Point Repair
1157	13	SSMHT0010682-SSMHT0004786	B	SS.GM.T0009029	SSMHT0010682	SSMHT0004786	119	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1158	13	SSMHT0010735-SSMHT0012977	D	SS.GM.T0013261	SSMHT0010735	SSMHT0012977	232	6	Point Repair at 120 and 263 ft from 12977	\$ 9,500	\$ 9,500	Point Repair
1159	13	SSMHT0010739-SSMHT0004438	D	SS.GM.T0005397	SSMHT0010739	SSMHT0004438	284	6	Point Repair at 205 ft from 04438	\$ 4,750	\$ 4,750	Point Repair
1160	13	SSMHT0010740-SSMHT0013044	D	SS.GM.T0005382	SSMHT0010740	SSMHT0013044	195	6	Access; Clean and Inspection	\$ 2,150	\$ 2,150	Access; Clean and Inspection
1161	13	SSMHT0010751-SSMHT0005849	C	SS.GM.T0008793	SSMHT0010751	SSMHT0005849	266	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1162	13	SSMHT0010752-SSMHT0005116	C	SS.GM.T0004179	SSMHT0010752	SSMHT0005116	328	6	Point Repair at 258 ft from 05116	\$ -	\$ -	Monitor in CMOM
1163	13	SSMHT0010754-SSMHT0005005	B	SS.GM.T0004215	SSMHT0010754	SSMHT0005005	276	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1164	13	SSMHT0010755-SSMHT0005850	B	SS.GM.T0004222	SSMHT0010755	SSMHT0005850	102	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1165	13	SSMHT0010756-SSMHT0005899	C	SS.GM.T0008011	SSMHT0010756	SSMHT0005899	251	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1166	13	SSMHT0010757-SSMHT0004648	D	SS.GM.T0004669	SSMHT0010757	SSMHT0004648	572	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1167	13	SSMHT0010759-SSMHT0005764	B	SS.GM.T0008670	SSMHT0010759	SSMHT0005764	323	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1168	13	SSMHT0012159-SSMHT0004807	D	SS.GM.T0004821	SSMHT0010760	SSMHT0005764	345	6	Point Repair at 374 ft from 05764	\$ 4,750	\$ 4,750	Point Repair
1169	13	SSMHT0010761-SSMHT0005783	B	SS.GM.T0004824	SSMHT0010761	SSMHT0005783	361	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1170	13	SSMHT0010766-SSMHT0005118	D	SS.GM.T0004482	SSMHT0010766	SSMHT0005118	268	6	Point Repair at 3 ft from 05118	\$ 4,750	\$ 4,750	Point Repair
1171	13	SSMHT0010767-SSMHT0004945	C	SS.GM.T0006029	SSMHT0010767	SSMHT0004945	265	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1172	13	SSMHT0010770-SSMHT0004914	C	SS.GM.T0004083	SSMHT0010770	SSMHT0004914	281	6	Point Repair at 190 ft from 04914	\$ -	\$ -	Monitor in CMOM
1173	13	SSMHT0010771-SSMHT0004912	B	SS.GM.T0004082	SSMHT0010771	SSMHT0004912	197	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1174	13	SSMHT0010772-SSMHT0004918	B	SS.GM.T0004496	SSMHT0010772	SSMHT0004918	129	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1175	13	SSMHT0010773-SSMHT0000786	D	SS.GM.T0004490	SSMHT0010773	SSMHT0000786	248	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1176	13	SSMHT0010774-SSMHT0000784	B	SS.GM.T0006151	SSMHT0010774	SSMHT0000784	213	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1177	13	SSMHT0010776-SSMHT0004956	B	SS.GM.T0005066	SSMHT0010776	SSMHT0004956	97	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1178	13	SSMHT0010779-SSMHT0005080	D	SS.GM.T0004799	SSMHT0010779	SSMHT0005080	306	6	Access; Clean and Inspection	\$ 3,260	\$ 3,260	Access; Clean and Inspection
1179	13	SSMHT0010780-SSMHT0005040	D	SS.GM.T0006192	SSMHT0010780	SSMHT0005040	806	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1180	13	SSMHT0010781-SSMHT0004870	E	SS.GM.T0007071	SSMHT0010781	SSMHT0004870	265	6	Point Repairs at 75 and 141 ft from 04870	\$ 9,500	\$ 9,500	Point Repair



Remedial Measure Description	Quantity	Remediation Plan
Access; Clean and Inspection (I.f.)	22,933	\$ 271,280
Pipe Burst or Replace (I.f.)	24,604	\$ 2,811,731
Point Repair (ea.)	570	\$ 2,707,250
Replace Mainline (I.f.)	816	\$ 163,200
Cured In Place Pipe Liner (I.f.)	1,595	\$ 126,125
Total Remedial Measures		\$ 6,079,586
Deferred for Capacity Analysis		\$ 145,200
Group 2 Mainline Remedial Measures		\$ 5,934,386

Group 2 - Mainline Condition Remedial Measures Summary - Basin 13

Item	Basin	Pipe Segment	Rating	City Pipe Asset ID	Upstream Manhole	Downstream Manhole	Pipe Length	Pipe Diameter	Preliminary Rehabilitation Recommendation	Repair Cost	Recommended	Remediation Plan
1181	13	SSMHT0010782-SSMHT0004869	D	SS.GM.T0007072	SSMHT0010782	SSMHT0004869	292	6	Point Repair at 14 ft from 04869	\$ 4,750	\$ 4,750	Point Repair
1182	13	SSMHT0010783-SSMHT0003275	D	SS.GM.T0007069	SSMHT0010783	SSMHT0003275	224	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1183	13	SSMHT0010784-SSMHT0005068	D	SS.GM.T0006188	SSMHT0010784	SSMHT0005068	158	6	Burst to 8" - 3 svc	\$ 18,680	\$ 18,680	Pipe Burst or Replace
1184	13	SSMHT0010785-SSMHT0005074	B	SS.GM.T0004792	SSMHT0010785	SSMHT0005074	339	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1185	13	SSMHT0010787-SSMHT0012851	D	SS.GM.T0007110	SSMHT0010787	SSMHT0012851	141	6	Access; Clean and Inspection	\$ 1,610	\$ 1,610	Access; Clean and Inspection
1186	13	SSMHT0010788-SSMHT0003293	D	SS.GM.T0009384	SSMHT0010788	SSMHT0003293	203	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1187	13	SSMHT0010789-SSMHT0004698	B	SS.GM.T0006470	SSMHT0010789	SSMHT0004698	426	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1188	13	SSMHT0010790-SSMHT0005959	C	SS.GM.T0005038	SSMHT0010790	SSMHT0005959	230	6	Add to Root Removal Schedule	\$ 403	\$ -	Add to Root Removal Program in CMOM
1189	13	SSMHT0010791-SSMHT0012817	D	SS.GM.T0009391	SSMHT0010791	SSMHT0012817	138	6	Access; Clean and Inspection	\$ 1,580	\$ 1,580	Access; Clean and Inspection
1190	13	SSMHT0010792-SSMHT0003170	B	SS.GM.T0006479	SSMHT0010792	SSMHT0003170	193	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1191	13	SSMHT0010794-SSMHT0004811	B	SS.GM.T0005040	SSMHT0010794	SSMHT0004811	146	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1192	13	SSMHT0010795-SSMHT0004818	D	SS.GM.T0005041	SSMHT0010795	SSMHT0004818	448	6	Point Repair at 56, 87, 134 and 267 ft from 04818	\$ 19,000	\$ 19,000	Point Repair
1193	13	SSMHT0010797-SSMHT0004829	C	SS.GM.T0004968	SSMHT0010797	SSMHT0004829	488	6	Point Repairs at 352 and 374 ft from 04829	\$ -	\$ -	Monitor in CMOM
1194	13	SSMHT0010832-SSMHT0003127	C	SS.GM.T0007958	SSMHT0010832	SSMHT0003127	211	6	Point Repair at 133 ft from 03127	\$ -	\$ -	Monitor in CMOM
1195	13	SSMHT0010833-SSMHT0003060	B	SS.GM.T0005506	SSMHT0010833	SSMHT0003060	127	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1196	13	SSMHT0010834-SSMHT0003015	C	SS.GM.T0007959	SSMHT0010834	SSMHT0003015	478	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1197	13	SSMHT0010835-SSMHT0009207	B	SS.GM.T0005502	SSMHT0010835	SSMHT0009207	735	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1198	13	SSMHT0010836-SSMHT0003127	D	SS.GM.T0005504	SSMHT0010836	SSMHT0003127	535	6	Point Repair at 186 ft from 03127	\$ 4,750	\$ 4,750	Point Repair
1199	13	SSMHT0010837-SSMHT0009206	C	SS.GM.T0013061	SSMHT0010837	SSMHT0009206	424	6	Point Repair at 365 ft from 09206	\$ -	\$ -	Monitor in CMOM
1200	13	SSMHT0010838-SSMHT0009195	D	SS.GM.T0006483	SSMHT0010838	SSMHT0009195	334	6	Access; Clean and Inspection	\$ 3,540	\$ 3,540	Access; Clean and Inspection
1201	13	SSMHT0010839-SSMHT0002299	D	SS.GM.T0006482	SSMHT0010839	SSMHT0002299	257	6	Point Repair at 140 ft from 02299	\$ 4,750	\$ 4,750	Point Repair
1202	13	SSMHT0010840-SSMHT0003079	B	SS.GM.T0006490	SSMHT0010840	SSMHT0003079	334	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1203	13	SSMHT0010841-SSMHT0003076	D	SS.GM.T0006491	SSMHT0010841	SSMHT0003076	421	6	Point Repair at 251 ft from 03076	\$ 4,750	\$ 4,750	Point Repair
1204	13	SSMHT0010899-SSMHT0000391	D	SS.GM.T0006523	SSMHT0010899	SSMHT0000391	285	6	Point Repair at 358 ft from 00391	\$ 4,750	\$ 4,750	Point Repair
1205	13	SSMHT0010909-SSMHT0004418	C	SS.GM.T0005378	SSMHT0010909	SSMHT0004418	327	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1206	13	SSMHT0010910-SSMHT0001137	C	SS.GM.T0005379	SSMHT0010910	SSMHT0001137	252	6	Add to Root Removal Schedule	\$ 441	\$ -	Add to Root Removal Program in CMOM
1207	13	SSMHT0010911-SSMHT0004421	D	SS.GM.T0005394	SSMHT0010911	SSMHT0004421	395	6	Point Repair at 130, 160, & 191 ft from 04421	\$ 14,250	\$ 14,250	Point Repair
1208	13	SSMHT0010912-SSMHT0001136	C	SS.GM.T0005393	SSMHT0010912	SSMHT0001136	419	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1209	13	SSMHT0010913-SSMHT0013033	D	SS.GM.T0014112	SSMHT0010913	SSMHT0013033	23	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1210	13	SSMHT0010914-SSMHT0012955	C	SS.GM.T0004450	SSMHT0010914	SSMHT0012955	146	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1211	13	SSMHT0010915-SSMHT0004427	D	SS.GM.T0004448	SSMHT0010915	SSMHT0004427	462	6	Point Repair at 327 ft from 04427	\$ 9,500	\$ 9,500	Point Repair
1212	13	SSMHT0010916-SSMHT0004426	B	SS.GM.T0005381	SSMHT0010916	SSMHT0004426	212	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1213	13	SSMHT0010917-SSMHT0012801	C	SS.GM.T0005376	SSMHT0010917	SSMHT0012801	541	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1214	13	SSMHT0010933-SSMHT0004619	B	SS.GM.T0004484	SSMHT0010933	SSMHT0004619	117	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1215	13	SSMHT0010934-SSMHT0004377	B	SS.GM.T0007900	SSMHT0010934	SSMHT0004377	280	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1216	13	SSMHT0010936-SSMHT0005620	C	SS.GM.T0004466	SSMHT0010936	SSMHT0005620	211	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1217	13	SSMHT0010937-SSMHT0005619	D	SS.GM.T0004570	SSMHT0010937	SSMHT0005619	282	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1218	13	SSMHT0010938-SSMHT0005622	D	SS.GM.T0004572	SSMHT0010938	SSMHT0005622	302	6	Point Repair at 16 ft from 05622	\$ 4,750	\$ 4,750	Point Repair
1219	13	SSMHT0010949-SSMHT0005106	D	SS.GM.T0004865	SSMHT0010949	SSMHT0005106	319	6	Access; Clean and Inspection	\$ 3,390	\$ 3,390	Access; Clean and Inspection
1220	13	SSMHT0010951-SSMHT0004454	C	SS.GM.T0004432	SSMHT0010951	SSMHT0004454	216	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1221	13	SSMHT0010952-SSMHT0004455	B	SS.GM.T0004434	SSMHT0010952	SSMHT0004455	143	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1222	13	SSMHT0010953-SSMHT0004455	B	SS.GM.T0004435	SSMHT0010953	SSMHT0004455	140	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1223	13	SSMHT0010954-SSMHT0004459	B	SS.GM.T0004458	SSMHT0010954	SSMHT0004459	347	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1224	13	SSMHT0010955-SSMHT0004461	C	SS.GM.T0004463	SSMHT0010955	SSMHT0004461	243	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1225	13	SSMHT0010957-SSMHT0004462	D	SS.GM.T0004465	SSMHT0010957	SSMHT0004462	108	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1226	13	SSMHT0010958-SSMHT0004487	D	SS.GM.T0004449	SSMHT0010958	SSMHT0004487	30	6	Point Repairs at 18 and 60 ft from 04488	\$ 9,500	\$ 9,500	Point Repair
1227	13	SSMHT0010959-SSMHT0012955	B	SS.GM.T0004145	SSMHT0010959	SSMHT0012955	95	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1228	13	SSMHT0010971-SSMHT0000773	B	SS.GM.T0006513	SSMHT0010971	SSMHT0000773	81	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1229	13	SSMHT0010978-SSMHT0004872	E	SS.GM.T0009272	SSMHT0010978	SSMHT0004872	178	6	Point Repair at 28 ft from 04872	\$ 4,750	\$ 4,750	Point Repair
1230	13	SSMHT0010979-SSMHT0003267	C	SS.GM.T0009117	SSMHT0010979	SSMHT0003267	141	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1231	13	SSMHT0010981-SSMHT0014001	D	SS.GM.T0007079	SSMHT0010981	SSMHT0014001	165	6	Point Repairs at 132 and165 ft from 14001	\$ 9,500	\$ 9,500	Point Repair
1232	13	SSMHT0010982-SSMHT0003293	C	SS.GM.T0007090	SSMHT0010982	SSMHT0003293	148	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1233	13	SSMHT0010983-SSMHT0003303	B	SS.GM.T0007099	SSMHT0010983	SSMHT0003303	222	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1234	13	SSMHT0010984-SSMHT0003303	C	SS.GM.T0007101	SSMHT0010984	SSMHT0003303	608	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1235	13	SSMHT0010986-SSMHT0004693	D	SS.GM.T0007124	SSMHT0010986	SSMHT0004693	913	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1236	13	SSMHT0011024-SSMHT0005656	D	SS.GM.T0004176	SSMHT0011024	SSMHT0005656	201	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1237	13	SSMHT0011044-SSMHT0004566	B	SS.GM.T0006509	SSMHT0011044	SSMHT0004566	206	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1238	13	SSMHT0011045-SSMHT0004565	B	SS.GM.T0008428	SSMHT0011045	SSMHT0004565	208	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1239	13	SSMHT0011058-SSMHT0004481	A	SS.GM.T0005390	SSMHT0011058	SSMHT0004481	148	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM



Remedial Measure Description	Quantity	Remediation Plan
Access; Clean and Inspection (I.f.)	22,933	\$ 271,280
Pipe Burst or Replace (I.f.)	24,604	\$ 2,811,731
Point Repair (ea.)	570	\$ 2,707,250
Replace Mainline (I.f.)	816	\$ 163,200
Cured In Place Pipe Liner (I.f.)	1,595	\$ 126,125
Total Remedial Measures		\$ 6,079,586
Deferred for Capacity Analysis		\$ 145,200
Group 2 Mainline Remedial Measures		\$ 5,934,386

Group 2 - Mainline Condition Remedial Measures Summary - Basin 13

Item	Basin	Pipe Segment	Rating	City Pipe Asset ID	Upstream Manhole	Downstream Manhole	Pipe Length	Pipe Diameter	Preliminary Rehabilitation Recommendation	Repair Cost	Recommended	Remediation Plan
1240	13	SSMHT0011069-SSMHT0003239	D	SS.GM.T0005098	SSMHT0011069	SSMHT0003239	130	8	Point Repair at 63ft from 03239	\$ 4,750	\$ 4,750	Point Repair
1241	13	SSMHT0011070-SSMHT0014070	C	SS.GM.T0014210	SSMHT0011070	SSMHT0014070	293	6	Point Repair at 109 ft from 14070	\$ -	\$ -	Monitor in CMOM
1242	13	SSMHT0011071-SSMHT0003242	B	SS.GM.T0005097	SSMHT0011071	SSMHT0003242	419	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1243	13	SSMHT0011072-SSMHT0004748	D	SS.GM.T0004891	SSMHT0011072	SSMHT0004748	210	6	Burst to 8" - 8 svc	\$ 31,850	\$ 31,850	Pipe Burst or Replace
1244	13	SSMHT0011074-SSMHT0004953	C	SS.GM.T0005821	SSMHT0011074	SSMHT0004953	62	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1245	13	SSMHT0011076-SSMHT0012856	D	SS.GM.T0007105	SSMHT0011076	SSMHT0012856	143	6	Access; Clean and Inspection	\$ 1,630	\$ 1,630	Access; Clean and Inspection
1246	13	SSMHT0011077-SSMHT0004695	B	SS.GM.T0008978	SSMHT0011077	SSMHT0004695	157	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1247	13	SSMHT0011078-SSMHT0004796	E	SS.GM.T0004809	SSMHT0011078	SSMHT0004796	140	6	Point Repair at 47 ft from 04796	\$ 4,750	\$ 4,750	Point Repair
1248	13	SSMHT0011079-SSMHT0003177	D	SS.GM.T0006323	SSMHT0011079	SSMHT0003177	129	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1249	13	SSMHT0011080-SSMHT0003185	D	SS.GM.T0006313	SSMHT0011080	SSMHT0003185	282	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1250	13	SSMHT0011081-SSMHT0004694	B	SS.GM.T0006280	SSMHT0011081	SSMHT0004694	626	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1251	13	SSMHT0011083-SSMHT0004702	D	SS.GM.T0006089	SSMHT0011083	SSMHT0004702	367	6	Point Repairs at 192 and 257 ft from 04702	\$ 9,500	\$ 9,500	Point Repair
1252	13	SSMHT0011084-SSMHT0004782	D	SS.GM.T0006209	SSMHT0011084	SSMHT0004782	423	6	Burst to 8" - 13 svc	\$ 58,705	\$ 58,705	Pipe Burst or Replace
1253	13	SSMHT0011085-SSMHT0004711	D	SS.GM.T0006097	SSMHT0011085	SSMHT0004711	362	6	Point Repair at 32 ft from 04711	\$ 4,750	\$ 4,750	Point Repair
1254	13	SSMHT0011086-SSMHT0004785	D	SS.GM.T0006225	SSMHT0011086	SSMHT0004785	265	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1255	13	SSMHT0011087-SSMHT0012952	B	SS.GM.T0006216	SSMHT0011087	SSMHT0012952	220	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1256	13	SSMHT0011088-SSMHT0004711	C	SS.GM.T0006094	SSMHT0011088	SSMHT0004711	317	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1257	13	SSMHT0011089-SSMHT0003172	D	SS.GM.T0006337	SSMHT0011089	SSMHT0003172	492	6	Point Repairs at 111, 410 and 453 ft from 03172	\$ 14,250	\$ 14,250	Point Repair
1258	13	SSMHT0011091-SSMHT0013965	C	SS.GM.T0006268	SSMHT0011091	SSMHT0013965	213	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1259	13	SSMHT0011092-SSMHT0012912	D	SS.GM.T0006267	SSMHT0011092	SSMHT0012912	200	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1260	13	SSMHT0011093-SSMHT0003201	B	SS.GM.T0006112	SSMHT0011093	SSMHT0003201	315	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1261	13	SSMHT0011094-SSMHT0004833	D	SS.GM.T0005785	SSMHT0011094	SSMHT0004833	223	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1262	13	SSMHT0011095-SSMHT0004819	B	SS.GM.T0004816	SSMHT0011095	SSMHT0004819	264	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1263	13	SSMHT0011096-SSMHT0004771	B	SS.GM.T0006226	SSMHT0011096	SSMHT0004771	432	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1264	13	SSMHT0011097-SSMHT0004826	B	SS.GM.T0006239	SSMHT0011097	SSMHT0004826	195	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1265	13	SSMHT0011098-SSMHT0004815	C	SS.GM.T0005783	SSMHT0011098	SSMHT0004815	203	6	Add to Root Removal Schedule	\$ 355	\$ -	Add to Root Removal Program in CMOM
1266	13	SSMHT0011099-SSMHT0004832	D	SS.GM.T0006231	SSMHT0011099	SSMHT0004832	202	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1267	13	SSMHT0011100-SSMHT0003297	C	SS.GM.T0007407	SSMHT0011100	SSMHT0003297	196	6	Point Repair at 71 ft from 03297	\$ -	\$ -	Monitor in CMOM
1268	13	SSMHT0011258-SSMHT0005852	D	SS.GM.T0009750	SSMHT0011258	SSMHT0005852	340	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1269	13	SSMHT0011259-SSMHT0005852	D	SS.GM.T0009751	SSMHT0011259	SSMHT0005852	147	6	Point Repair at 5 ft from 05852	\$ 4,750	\$ 4,750	Point Repair
1270	13	SSMHT0011260-SSMHT0000859	B	SS.GM.T0009837	SSMHT0011260	SSMHT0000859	121	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1271	13	SSMHT0011263-SSMHT0014020	B	SS.GM.T0009888	SSMHT0011263	SSMHT0014020	5	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1272	13	SSMHT0011267-SSMHT0005663	B	SS.GM.T0010954	SSMHT0011267	SSMHT0005663	91	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1273	13	SSMHT0011303-SSMHT0004587	C	SS.GM.T0005136	SSMHT0011303	SSMHT0004587	274	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1274	13	SSMHT0011306-SSMHT0004623	D	SS.GM.T0005794	SSMHT0011306	SSMHT0004623	270	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1275	13	SSMHT0011308-SSMHT0004597	D	SS.GM.T0004842	SSMHT0011308	SSMHT0004597	331	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1276	13	SSMHT0011314-SSMHT0004617	B	SS.GM.T0004174	SSMHT0011314	SSMHT0004617	296	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1277	13	SSMHT0011316-SSMHT0001260	B	SS.GM.T0005795	SSMHT0011316	SSMHT0001260	366	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1278	13	SSMHT0011317-SSMHT0003131	D	SS.GM.T0004191	SSMHT0011317	SSMHT0003131	292	6	Point Repairs at 185 ft from 03131	\$ 4,750	\$ 4,750	Point Repair
1279	13	SSMHT0011321-SSMHT0004621	C	SS.GM.T0005799	SSMHT0011321	SSMHT0004621	277	4	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1280	13	SSMHT0011327-SSMHT0004488	E	SS.GM.T0004453	SSMHT0011327	SSMHT0004488	250	6	Point Repairs at 18 and 60 ft from 04488	\$ 9,500	\$ 9,500	Point Repair
1281	13	SSMHT0011328-SSMHT0004456	D	SS.GM.T0004439	SSMHT0011328	SSMHT0004456	844	6	Point Repair at 417, 527 and 554 ft from 04456	\$ 14,250	\$ 14,250	Point Repair
1282	13	SSMHT0011329-SSMHT0004486	C	SS.GM.T0004443	SSMHT0011329	SSMHT0004486	442	6	Point Repairs at 116 and 195 ft from 04486	\$ -	\$ -	Monitor in CMOM
1283	13	SSMHT0011330-SSMHT0004487	D	SS.GM.T0004452	SSMHT0011330	SSMHT0004487	322	6	Access; Clean and Inspection	\$ 3,420	\$ 3,420	Access; Clean and Inspection
1284	13	SSMHT0011331-SSMHT0004485	D	SS.GM.T0004442	SSMHT0011331	SSMHT0004485	276	6	Point Repair at 10 ft from 04485	\$ 4,750	\$ 4,750	Point Repair
1285	13	SSMHT0011332-SSMHT0004532	C	SS.GM.T0004441	SSMHT0011332	SSMHT0004532	271	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1286	13	SSMHT0011334-SSMHT0004483	C	SS.GM.T0005373	SSMHT0011334	SSMHT0004483	224	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1287	13	SSMHT0011335-SSMHT0004484	D	SS.GM.T0005374	SSMHT0011335	SSMHT0004484	325	6	Point Repairs at 17 and 119 ft from 04484	\$ 9,500	\$ 9,500	Point Repair
1288	13	SSMHT0011336-SSMHT0004407	C	SS.GM.T0005398	SSMHT0011336	SSMHT0004407	333	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1289	13	SSMHT0011337-SSMHT0004481	D	SS.GM.T0005391	SSMHT0011337	SSMHT0004481	361	6	Point Repair at 74 ft from 04481	\$ 4,750	\$ 4,750	Point Repair
1290	13	SSMHT0011353-SSMHT0001789	B	SS.GM.T0005903	SSMHT0011353	SSMHT0001789	123	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1291	13	SSMHT0011354-SSMHT0001792	D	SS.GM.T0005902	SSMHT0011354	SSMHT0001792	386	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1292	13	SSMHT0011355-SSMHT0001790	B	SS.GM.T0005904	SSMHT0011355	SSMHT0001790	305	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1293	13	SSMHT0011357-SSMHT0001790	B	SS.GM.T0007895	SSMHT0011357	SSMHT0001790	254	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1294	13	SSMHT0011380-SSMHT0005782	C	SS.GM.T0004823	SSMHT0011380	SSMHT0005782	131	6	Point Repair at 119 ft from 05782	\$ -	\$ -	Monitor in CMOM
1295	13	SSMHT0011381-SSMHT0005116	D	SS.GM.T0004180	SSMHT0011381	SSMHT0005116	207	6	Burst to 8" - 6 svc	\$ 28,095	\$ 28,095	Pipe Burst or Replace
1296	13	SSMHT0011382-SSMHT0005121	D	SS.GM.T0004181	SSMHT0011382	SSMHT0005121	424	6	Point Repair at 348 ft from 05121	\$ 4,750	\$ 4,750	Point Repair
1297	13	SSMHT0011383-SSMHT0005111	E	SS.GM.T0005802	SSMHT0011383	SSMHT0005111	23	6	Point Repairs at 197 and 205 ft from 05111	\$ 9,500	\$ 9,500	Point Repair
1298	13	SSMHT0011384-SSMHT0004922	D	SS.GM.T0006129	SSMHT0011384	SSMHT0004922	246	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair



Remedial Measure Description	Quantity	Remediation Plan
Access; Clean and Inspection (I.f.)	22,933	\$ 271,280
Pipe Burst or Replace (I.f.)	24,604	\$ 2,811,731
Point Repair (ea.)	570	\$ 2,707,250
Replace Mainline (I.f.)	816	\$ 163,200
Cured In Place Pipe Liner (I.f.)	1,595	\$ 126,125
Total Remedial Measures		\$ 6,079,586
Deferred for Capacity Analysis		\$ 145,200
Group 2 Mainline Remedial Measures		\$ 5,934,386

Group 2 - Mainline Condition Remedial Measures Summary - Basin 13

Item	Basin	Pipe Segment	Rating	City Pipe Asset ID	Upstream Manhole	Downstream Manhole	Pipe Length	Pipe Diameter	Preliminary Rehabilitation Recommendation	Repair Cost	Recommended	Remediation Plan
1299	13	SSMHT0011385-SSMHT0014009	D	SS.GM.T0009270	SSMHT0011385	SSMHT0014009	740	6	Point Repair at 51, 131 and 318 ft from 14009	\$ 14,250	\$ 14,250	Point Repair
1300	13	SSMHT0011387-SSMHT0012937	B	SS.GM.T0004214	SSMHT0011387	SSMHT0012937	291	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1301	13	SSMHT0011389-SSMHT0004715	D	SS.GM.T0005846	SSMHT0011389	SSMHT0004715	103	6	Access; Clean and Inspection	\$ 1,230	\$ 1,230	Access; Clean and Inspection
1302	13	SSMHT0011416-SSMHT0013971	D	SS.GM.T0006049	SSMHT0011416	SSMHT0013971	904	6	Point Repairs at 299, 380 and 404 ft from 11416	\$ 14,250	\$ 14,250	Point Repair
1303	13	SSMHT0011417-SSMHT0003252	D	SS.GM.T0005081	SSMHT0011417	SSMHT0003252	327	6	Point Repair at 51 ft from 03252	\$ 4,750	\$ 4,750	Point Repair
1304	13	SSMHT0011418-SSMHT0003250	D	SS.GM.T0005115	SSMHT0011418	SSMHT0003250	1000	6	Point Repairs at 359, 394 and 428 ft from 03271	\$ 14,250	\$ 14,250	Point Repair
1305	13	SSMHT0011421-SSMHT0004850	C	SS.GM.T0005086	SSMHT0011421	SSMHT0004850	119	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1306	13	SSMHT0011422-SSMHT0005857	B	SS.GM.T0009209	SSMHT0011422	SSMHT0005857	239	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1307	13	SSMHT0011423-SSMHT0004843	D	SS.GM.T0007082	SSMHT0011423	SSMHT0004843	189	6	Point Repair at 140 ft from 04843	\$ 4,750	\$ 4,750	Point Repair
1308	13	SSMHT0011424-SSMHT0005968	B	SS.GM.T0007081	SSMHT0011424	SSMHT0005968	65	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1309	13	SSMHT0011425-SSMHT0004844	C	SS.GM.T0007080	SSMHT0011425	SSMHT0004844	234	6	Point Repair at 222 ft from 04844	\$ -	\$ -	Monitor in CMOM
1310	13	SSMHT0011426-SSMHT0005968	B	SS.GM.T0006841	SSMHT0011426	SSMHT0005968	294	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1311	13	SSMHT0011430-SSMHT0005038	B	SS.GM.T0009221	SSMHT0011430	SSMHT0005038	395	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1312	13	SSMHT0011433-SSMHT0004863	C	SS.GM.T0009123	SSMHT0011433	SSMHT0004863	177	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1313	13	SSMHT0011434-SSMHT0005088	B	SS.GM.T0004796	SSMHT0011434	SSMHT0005088	330	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1314	13	SSMHT0011435-SSMHT0003307	D	SS.GM.T0006283	SSMHT0011435	SSMHT0003307	274	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1315	13	SSMHT0011436-SSMHT0005047	D	SS.GM.T0006193	SSMHT0011436	SSMHT0005047	544	6	Point Repair at 320 ft from 05047	\$ 4,750	\$ 4,750	Point Repair
1316	13	SSMHT0011438-SSMHT0003299	D	SS.GM.T0007077	SSMHT0011438	SSMHT0003299	142	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1317	13	SSMHT0011440-SSMHT0003294	C	SS.GM.T0007098	SSMHT0011440	SSMHT0003294	449	6	Add to Root Removal Schedule	\$ 786	\$ -	Add to Root Removal Program in CMOM
1318	13	SSMHT0011441-SSMHT0012853	D	SS.GM.T0006316	SSMHT0011441	SSMHT0012853	351	6	Access; Clean and Inspection	\$ 3,710	\$ 3,710	Access; Clean and Inspection
1319	13	SSMHT0011442-SSMHT0005069	C	SS.GM.T0006194	SSMHT0011442	SSMHT0005069	215	6	Point Repairs at 5, 106 and 183 ft from 05069	\$ -	\$ -	Monitor in CMOM
1320	13	SSMHT0011443-SSMHT0005071	B	SS.GM.T0006195	SSMHT0011443	SSMHT0005071	85	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1321	13	SSMHT0011444-SSMHT0012855	D	SS.GM.T0007113	SSMHT0011444	SSMHT0012855	221	6	Access; Clean and Inspection	\$ 2,410	\$ 2,410	Access; Clean and Inspection
1322	13	SSMHT0011445-SSMHT0005048	D	SS.GM.T0006198	SSMHT0011445	SSMHT0005048	379	6	Burst to 8" - 11 svc	\$ 51,465	\$ 51,465	Pipe Burst or Replace
1323	13	SSMHT0011446-SSMHT0003291	D	SS.GM.T0007116	SSMHT0011446	SSMHT0003291	520	6	Point Repair at 232 ft from 03291	\$ 4,750	\$ 4,750	Point Repair
1324	13	SSMHT0011448-SSMHT0005048	D	SS.GM.T0006199	SSMHT0011448	SSMHT0005048	145	6	Burst to 8" - 4 svc	\$ 19,325	\$ 19,325	Pipe Burst or Replace
1325	13	SSMHT0011449-SSMHT0005103	B	SS.GM.T0004767	SSMHT0011449	SSMHT0005103	323	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1326	13	SSMHT0011450-SSMHT0012944	D	SS.GM.T0006072	SSMHT0011450	SSMHT0012944	224	6	Point Repairs at 71 ft from 11450	\$ 4,750	\$ 4,750	Point Repair
1327	13	SSMHT0011451-SSMHT0005065	B	SS.GM.T0006196	SSMHT0011451	SSMHT0005065	369	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1328	13	SSMHT0011452-SSMHT0006848	D	SS.GM.T0007127	SSMHT0011452	SSMHT0006848	254	6	Point Repair at 82 ft from 06848	\$ 4,750	\$ 4,750	Point Repair
1329	13	SSMHT0011453-SSMHT0004694	B	SS.GM.T0006279	SSMHT0011453	SSMHT0004694	165	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1330	13	SSMHT0011454-SSMHT0004794	E	SS.GM.T0004785	SSMHT0011454	SSMHT0004794	278	6	Point Repair at 150 ft from 04794	\$ 4,750	\$ 4,750	Point Repair
1331	13	SSMHT0011455-SSMHT0006847	D	SS.GM.T0007128	SSMHT0011455	SSMHT0006847	359	6	Access; Clean and Inspection	\$ 3,790	\$ 3,790	Access; Clean and Inspection
1332	13	SSMHT0011456-SSMHT0006846	C	SS.GM.T0008969	SSMHT0011456	SSMHT0006846	289	6	Point Repair at 67 ft from 06846	\$ -	\$ -	Monitor in CMOM
1333	13	SSMHT0011457-SSMHT0006842	D	SS.GM.T0006295	SSMHT0011457	SSMHT0006842	347	6	Point Repair at 265 ft from 06842	\$ 4,750	\$ 4,750	Point Repair
1334	13	SSMHT0011458-SSMHT0008093	C	SS.GM.T0006330	SSMHT0011458	SSMHT0008093	290	6	Point Repair at 224 ft from 08093	\$ -	\$ -	Monitor in CMOM
1335	13	SSMHT0011459-SSMHT0003186	E	SS.GM.T0006262	SSMHT0011459	SSMHT0003186	415	6	Point Repair at 79 ft from 03186	\$ 4,750	\$ 4,750	Point Repair
1336	13	SSMHT0011460-SSMHT0004688	B	SS.GM.T0008977	SSMHT0011460	SSMHT0004688	145	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1337	13	SSMHT0011461-SSMHT0008094	D	SS.GM.T0006327	SSMHT0011461	SSMHT0008094	126	6	Access; Clean and Inspection	\$ 1,460	\$ 1,460	Access; Clean and Inspection
1338	13	SSMHT0011462-SSMHT0004758	D	SS.GM.T0009020	SSMHT0011462	SSMHT0004758	439	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1339	13	SSMHT0011463-SSMHT0004801	B	SS.GM.T0004812	SSMHT0011463	SSMHT0004801	207	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1340	13	SSMHT0011465-SSMHT0004775	B	SS.GM.T0006212	SSMHT0011465	SSMHT0004775	126	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1341	13	SSMHT0011466-SSMHT0003165	C	SS.GM.T0006335	SSMHT0011466	SSMHT0003165	335	6	Add to Root Removal Schedule	\$ 586	\$ -	Add to Root Removal Program in CMOM
1342	13	SSMHT0011467-SSMHT0004792	B	SS.GM.T0004787	SSMHT0011467	SSMHT0004792	221	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1343	13	SSMHT0011468-SSMHT0003202	B	SS.GM.T0004804	SSMHT0011468	SSMHT0003202	330	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1344	13	SSMHT0011469-SSMHT0004788	D	SS.GM.T0006211	SSMHT0011469	SSMHT0004788	394	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1345	13	SSMHT0011470-SSMHT0012837	D	SS.GM.T0006250	SSMHT0011470	SSMHT0012837	99	6	Point Repair at 87 ft from 12837	\$ 4,750	\$ 4,750	Point Repair
1346	13	SSMHT0011471-SSMHT0004825	B	SS.GM.T0006242	SSMHT0011471	SSMHT0004825	305	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1347	13	SSMHT0011472-SSMHT0012836	B	SS.GM.T0006253	SSMHT0011472	SSMHT0012836	154	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1348	13	SSMHT0011473-SSMHT0004826	B	SS.GM.T0006240	SSMHT0011473	SSMHT0004826	163	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1349	13	SSMHT0011474-SSMHT0004822	B	SS.GM.T0006256	SSMHT0011474	SSMHT0004822	97	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1350	13	SSMHT0011475-SSMHT0004824	D	SS.GM.T0006247	SSMHT0011475	SSMHT0004824	368	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1351	13	SSMHT0011476-SSMHT0003199	B	SS.GM.T0006111	SSMHT0011476	SSMHT0003199	447	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1352	13	SSMHT0011477-SSMHT0003200	C	SS.GM.T0009003	SSMHT0011477	SSMHT0003200	304	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1353	13	SSMHT0011479-SSMHT0012838	D	SS.GM.T0006244	SSMHT0011479	SSMHT0012838	213	8	Construct Manhole at 12838	\$ 10,000	\$ 10,000	Point Repair
1354	13	SSMHT0011480-SSMHT0004834	B	SS.GM.T0005787	SSMHT0011480	SSMHT0004834	72	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1355	13	SSMHT0011481-SSMHT0004825	B	SS.GM.T0006477	SSMHT0011481	SSMHT0004825	551	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1356	13	SSMHT0011482-SSMHT0012838	D	SS.GM.T0006245	SSMHT0011482	SSMHT0012838	118	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1357	13	SSMHT0011483-SSMHT0004774	B	SS.GM.T0009718	SSMHT0011483	SSMHT0004774	398	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM



Remedial Measure Description	Quantity	Remediation Plan
Access; Clean and Inspection (I.f.)	22,933	\$ 271,280
Pipe Burst or Replace (I.f.)	24,604	\$ 2,811,731
Point Repair (ea.)	570	\$ 2,707,250
Replace Mainline (I.f.)	816	\$ 163,200
Cured In Place Pipe Liner (I.f.)	1,595	\$ 126,125
Total Remedial Measures		\$ 6,079,586
Deferred for Capacity Analysis		\$ 145,200
Group 2 Mainline Remedial Measures		\$ 5,934,386

Group 2 - Mainline Condition Remedial Measures Summary - Basin 13

Item	Basin	Pipe Segment	Rating	City Pipe Asset ID	Upstream Manhole	Downstream Manhole	Pipe Length	Pipe Diameter	Preliminary Rehabilitation Recommendation	Repair Cost	Recommended	Remediation Plan
1358	13	SSMHT0011484-SSMHT0004833	B	SS.GM.T0009720	SSMHT0011484	SSMHT0004833	198	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1359	13	SSMHT0011490-SSMHT0005062	B	SS.GM.T0004494	SSMHT0011490	SSMHT0005062	174	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1360	13	SSMHT0011495-SSMHT0000762	D	SS.GM.T0008236	SSMHT0011495	SSMHT0000762	199	6	Point Repairs at 232 & 260 ft from 00762	\$ 9,500	\$ 9,500	Point Repair
1361	13	SSMHT0011496-SSMHT0004385	B	SS.GM.T0007708	SSMHT0011496	SSMHT0004385	217	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1362	13	SSMHT0011498-SSMHT0004616	B	SS.GM.T0004175	SSMHT0011498	SSMHT0004616	344	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1363	13	SSMHT0011545-SSMHT0004728	B	SS.GM.T0005843	SSMHT0011545	SSMHT0004728	65	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1364	13	SSMHT0011546-SSMHT0004728	B	SS.GM.T0005842	SSMHT0011546	SSMHT0004728	73	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1365	13	SSMHT0011547-SSMHT0004941	D	SS.GM.T0005815	SSMHT0011547	SSMHT0004941	134	6	Point Repair at 46 and 140 ft from 04941	\$ 9,500	\$ 9,500	Point Repair
1366	13	SSMHT0011549-SSMHT0004900	D	SS.GM.T0004218	SSMHT0011549	SSMHT0004900	223	6	Point Repair at 196 ft from 11549	\$ 4,750	\$ 4,750	Point Repair
1367	13	SSMHT0011550-SSMHT0004905	D	SS.GM.T0004184	SSMHT0011550	SSMHT0004905	403	6	Point Repair at 290 ft from 04905	\$ 4,750	\$ 4,750	Point Repair
1368	13	SSMHT0011551-SSMHT0004906	B	SS.GM.T0004190	SSMHT0011551	SSMHT0004906	244	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1369	13	SSMHT0011553-SSMHT0004724	B	SS.GM.T0005847	SSMHT0011553	SSMHT0004724	109	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1370	13	SSMHT0011554-SSMHT0003239	D	SS.GM.T0005099	SSMHT0011554	SSMHT0003239	424	6	Point Repair at 137 and 162 ft from 03239 and add to Root Removal Schedule	\$ 10,242	\$ 9,500	Point Repair
1371	13	SSMHT0011555-SSMHT0004976	B	SS.GM.T0006175	SSMHT0011555	SSMHT0004976	127	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1372	13	SSMHT0011556-SSMHT0000785	D	SS.GM.T0004207	SSMHT0011556	SSMHT0000785	246	6	Point Repair at 24 and 103 ft from 00785	\$ 9,500	\$ 9,500	Point Repair
1373	13	SSMHT0011558-SSMHT0004976	B	SS.GM.T0006174	SSMHT0011558	SSMHT0004976	213	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1374	13	SSMHT0011559-SSMHT0003252	D	SS.GM.T0005080	SSMHT0011559	SSMHT0003252	232	6	Access; Clean and Inspection	\$ 2,520	\$ 2,520	Access; Clean and Inspection
1375	13	SSMHT0011560-SSMHT0004961	D	SS.GM.T0005074	SSMHT0011560	SSMHT0004961	182	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1376	13	SSMHT0011561-SSMHT0004864	C	SS.GM.T0006035	SSMHT0011561	SSMHT0004864	266	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1377	13	SSMHT0011595-SSMHT0004547	B	SS.GM.T0006522	SSMHT0011595	SSMHT0004547	118	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1378	13	SSMHT0011596-SSMHT0000758	B	SS.GM.T0004067	SSMHT0011596	SSMHT0000758	151	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1379	13	SSMHT0011597-SSMHT0000759	B	SS.GM.T0004068	SSMHT0011597	SSMHT0000759	195	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1380	13	SSMHT0011598-SSMHT0000763	C	SS.GM.T0006516	SSMHT0011598	SSMHT0000763	299	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1381	13	SSMHT0011599-SSMHT0003066	D	SS.GM.T0005898	SSMHT0011599	SSMHT0003066	182	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1382	13	SSMHT0011600-SSMHT0003070	B	SS.GM.T0008441	SSMHT0011600	SSMHT0003070	45	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1383	13	SSMHT0011601-SSMHT0003083	C	SS.GM.T0008316	SSMHT0011601	SSMHT0003083	311	6	Point Repair at 20, 183, 252, 332 ft from 03083	\$ -	\$ -	Monitor in CMOM
1384	13	SSMHT0011606-SSMHT0003016	D	SS.GM.T0007956	SSMHT0011606	SSMHT0003016	164	6	Construct Cleanout at End Of Line*	\$ 4,750	\$ 4,750	Point Repair
1385	13	SSMHT0011607-SSMHT0003074	D	SS.GM.T0006503	SSMHT0011607	SSMHT0003074	424	6	Point Repair at 141 ft from 03074	\$ 4,750	\$ 4,750	Point Repair
1386	13	SSMHT0011610-SSMHT0004547	C	SS.GM.T0008426	SSMHT0011610	SSMHT0004547	305	6	Point Repairs at 116 & 187 ft from 04547	\$ -	\$ -	Monitor in CMOM
1387	13	SSMHT0011669-SSMHT0004956	B	SS.GM.T0005067	SSMHT0011669	SSMHT0004956	357	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1388	13	SSMHT0011670-SSMHT0004955	B	SS.GM.T0005071	SSMHT0011670	SSMHT0004955	277	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1389	13	SSMHT0011671-SSMHT0004955	C	SS.GM.T0005072	SSMHT0011671	SSMHT0004955	208	6	Point Repair at 37 ft from 04955	\$ -	\$ -	Monitor in CMOM
1390	13	SSMHT0011672-SSMHT0005002	D	SS.GM.T0009715	SSMHT0011672	SSMHT0005002	423	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1391	13	SSMHT0011673-SSMHT0004973	C	SS.GM.T0009193	SSMHT0011673	SSMHT0004973	299	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1392	13	SSMHT0011675-SSMHT0003244	C	SS.GM.T0005131	SSMHT0011675	SSMHT0003244	303	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1393	13	SSMHT0011677-SSMHT0003243	C	SS.GM.T0005133	SSMHT0011677	SSMHT0003243	404	6	Point Repair at 29 ft from 03243	\$ -	\$ -	Monitor in CMOM
1394	13	SSMHT0011678-SSMHT0004958	D	SS.GM.T0005069	SSMHT0011678	SSMHT0004958	212	6	Point Repair at 52 ft from 04958	\$ 4,750	\$ 4,750	Point Repair
1395	13	SSMHT0011679-SSMHT0004949	B	SS.GM.T0005073	SSMHT0011679	SSMHT0004949	233	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1396	13	SSMHT0011680-SSMHT0005013	C	SS.GM.T0009714	SSMHT0011680	SSMHT0005013	430	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1397	13	SSMHT0011681-SSMHT0010323	D	SS.GM.T0005110	SSMHT0011681	SSMHT0010323	196	6	Burst to 8" - 6 svc	\$ 27,160	\$ 27,160	Pipe Burst or Replace
1398	13	SSMHT0011691-SSMHT0005007	D	SS.GM.T0004492	SSMHT0011691	SSMHT0005007	221	6	Point Repairs at 108, 145 and 253 ft from 05007	\$ 14,250	\$ 14,250	Point Repair
1399	13	SSMHT0011692-SSMHT0005007	D	SS.GM.T0004491	SSMHT0011692	SSMHT0005007	377	6	Point Repair at 418 ft from 05507	\$ 4,750	\$ 4,750	Point Repair
1400	13	SSMHT0011693-SSMHT0004853	B	SS.GM.T0006050	SSMHT0011693	SSMHT0004853	129	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1401	13	SSMHT0011694-SSMHT0005063	B	SS.GM.T0004498	SSMHT0011694	SSMHT0005063	203	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1402	13	SSMHT0011725-SSMHT0000781	C	SS.GM.T0006474	SSMHT0011725	SSMHT0000781	371	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1403	13	SSMHT0011726-SSMHT0004732	B	SS.GM.T0005062	SSMHT0011726	SSMHT0004732	22	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1404	13	SSMHT0011753-SSMHT0003058	D	SS.GM.T0005891	SSMHT0011753	SSMHT0003058	404	6	Point Repair at 248 ft from 03048	\$ 4,750	\$ 4,750	Point Repair
1405	13	SSMHT0011754-SSMHT0003059	D	SS.GM.T0005501	SSMHT0011754	SSMHT0003059	260	6	Burst to 8" - 4 svc	\$ 29,100	\$ 29,100	Pipe Burst or Replace
1406	13	SSMHT0011755-SSMHT0003032	C	SS.GM.T0005892	SSMHT0011755	SSMHT0003032	417	6	Point Repairs at 6 & 76 ft from 03032	\$ -	\$ -	Monitor in CMOM
1407	13	SSMHT0011756-SSMHT0003019	D	SS.GM.T0005893	SSMHT0011756	SSMHT0003019	436	6	Point Repairs at 80 & 256 ft from 03019	\$ 9,500	\$ 9,500	Point Repair
1408	13	SSMHT0011757-SSMHT0012797	C	SS.GM.T0005513	SSMHT0011757	SSMHT0012797	109	6	Point Repair at 195 ft from 12797	\$ -	\$ -	Monitor in CMOM
1409	13	SSMHT0011758-SSMHT0012797	D	SS.GM.T0005511	SSMHT0011758	SSMHT0012797	130	6	Access; Clean and Inspection	\$ 1,500	\$ 1,500	Access; Clean and Inspection
1410	13	SSMHT0011759-SSMHT0003057	E	SS.GM.T0005510	SSMHT0011759	SSMHT0003057	351	6	Burst to 8" - 9 svc	\$ 45,585	\$ 45,585	Pipe Burst or Replace
1411	13	SSMHT0011762-SSMHT0014004	C	SS.GM.T0005365	SSMHT0011762	SSMHT0014004	232	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1412	13	SSMHT0011763-SSMHT0004433	D	SS.GM.T0005386	SSMHT0011763	SSMHT0004433	402	6	Access; Clean and Inspection	\$ 4,220	\$ 4,220	Access; Clean and Inspection
1413	13	SSMHT0011770-SSMHT0002735	B	SS.GM.T0005409	SSMHT0011770	SSMHT0002735	258	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1414	13	SSMHT0011771-SSMHT0002734	B	SS.GM.T0005408	SSMHT0011771	SSMHT0002734	153	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1415	13	SSMHT0011779-SSMHT0000762	C	SS.GM.T0008234	SSMHT0011779	SSMHT0000762	426	6	Point Repairs at 164, 201, 253, 329 & 405 ft from 00762	\$ -	\$ -	Monitor in CMOM
1416	13	SSMHT0011780-SSMHT0004548	B	SS.GM.T0006375	SSMHT0011780	SSMHT0004548	229	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM



Remedial Measure Description	Quantity	Remediation Plan
Access; Clean and Inspection (I.f.)	22,933	\$ 271,280
Pipe Burst or Replace (I.f.)	24,604	\$ 2,811,731
Point Repair (ea.)	570	\$ 2,707,250
Replace Mainline (I.f.)	816	\$ 163,200
Cured In Place Pipe Liner (I.f.)	1,595	\$ 126,125
Total Remedial Measures		\$ 6,079,586
Deferred for Capacity Analysis		\$ 145,200
Group 2 Mainline Remedial Measures		\$ 5,934,386

Group 2 - Mainline Condition Remedial Measures Summary - Basin 13

Item	Basin	Pipe Segment	Rating	City Pipe Asset ID	Upstream Manhole	Downstream Manhole	Pipe Length	Pipe Diameter	Preliminary Rehabilitation Recommendation	Repair Cost	Recommended	Remediation Plan
1417	13	SSMHT0011781-SSMHT0000760	B	SS.GM.T0006378	SSMHT0011781	SSMHT0000760	167	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1418	13	SSMHT0011811-SSMHT0004599	D	SS.GM.T0004847	SSMHT0011811	SSMHT0004599	202	6	Burst to 8" - 6 svc	\$ 27,670	\$ 27,670	Pipe Burst or Replace
1419	13	SSMHT0011840-SSMHT0014002	D	SS.GM.T0014104	SSMHT0011840	SSMHT0014002	135	6	Point Repair at 134 ft from 14002	\$ 4,750	\$ 4,750	Point Repair
1420	13	SSMHT0011879-SSMHT0003235	C	SS.GM.T0006838	SSMHT0011879	SSMHT0003235	108	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1421	13	SSMHT0011881-SSMHT0009455	C	SS.GM.T0005114	SSMHT0011881	SSMHT0009455	732	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1422	13	SSMHT0011882-SSMHT0003248	C	SS.GM.T0005113	SSMHT0011882	SSMHT0003248	460	6	Assign to high frequency cleaning - tuberculation	\$ 690	\$ -	Add to High Frequency Cleaning in CMOM
1423	13	SSMHT0011884-SSMHT0013395	B	SS.GM.T0013548	SSMHT0011884	SSMHT0013395	76	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1424	13	SSMHT0011885-SSMHT0005020	B	SS.GM.T0009197	SSMHT0011885	SSMHT0005020	61	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1425	13	SSMHT0011886-SSMHT0005021	B	SS.GM.T0006149	SSMHT0011886	SSMHT0005021	44	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1426	13	SSMHT0011887-SSMHT0003269	C	SS.GM.T0005128	SSMHT0011887	SSMHT0003269	297	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1427	13	SSMHT0011890-SSMHT0009659	D	SS.GM.T0005123	SSMHT0011890	SSMHT0009659	215	6	Access; Clean and Inspection	\$ 2,350	\$ 2,350	Access; Clean and Inspection
1428	13	SSMHT0011891-SSMHT0004862	B	SS.GM.T0006038	SSMHT0011891	SSMHT0004862	168	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1429	13	SSMHT0011893-SSMHT0004859	B	SS.GM.T0007088	SSMHT0011893	SSMHT0004859	291	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1430	13	SSMHT0011894-SSMHT0004873	D	SS.GM.T0006309	SSMHT0011894	SSMHT0004873	109	6	Access; Clean and Inspection	\$ 1,290	\$ 1,290	Access; Clean and Inspection
1431	13	SSMHT0011895-SSMHT0004779	B	SS.GM.T0006206	SSMHT0011895	SSMHT0004779	128	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1432	13	SSMHT0011896-SSMHT0004791	B	SS.GM.T0004784	SSMHT0011896	SSMHT0004791	327	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1433	13	SSMHT0011897-SSMHT0004757	D	SS.GM.T0006186	SSMHT0011897	SSMHT0004757	325	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1434	13	SSMHT0011898-SSMHT0006848	C	SS.GM.T0007126	SSMHT0011898	SSMHT0006848	247	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1435	13	SSMHT0011899-SSMHT0004780	D	SS.GM.T0006203	SSMHT0011899	SSMHT0004780	327	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1436	13	SSMHT0011901-SSMHT0004689	D	SS.GM.T0006324	SSMHT0011901	SSMHT0004689	182	6	Access; Clean and Inspection	\$ 2,020	\$ 2,020	Access; Clean and Inspection
1437	13	SSMHT0011902-SSMHT0004700	D	SS.GM.T0006082	SSMHT0011902	SSMHT0004700	160	6	Access; Clean and Inspection	\$ 1,800	\$ 1,800	Access; Clean and Inspection
1438	13	SSMHT0011903-SSMHT0004782	B	SS.GM.T0006208	SSMHT0011903	SSMHT0004782	200	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1439	13	SSMHT0011904-SSMHT0004798	B	SS.GM.T0004814	SSMHT0011904	SSMHT0004798	575	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1440	13	SSMHT0011905-SSMHT0004797	B	SS.GM.T0004813	SSMHT0011905	SSMHT0004797	579	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1441	13	SSMHT0011906-SSMHT0003193	D	SS.GM.T0006108	SSMHT0011906	SSMHT0003193	233	6	Point Repair at 38 ft from 03193	\$ 4,750	\$ 4,750	Point Repair
1442	13	SSMHT0011907-SSMHT0004705	E	SS.GM.T0006304	SSMHT0011907	SSMHT0004705	489	6	Point Repair at 289 ft from 04705	\$ 4,750	\$ 4,750	Point Repair
1443	13	SSMHT0011908-SSMHT0004761	B	SS.GM.T0006234	SSMHT0011908	SSMHT0004761	167	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1444	13	SSMHT0011909-SSMHT0004767	B	SS.GM.T0006220	SSMHT0011909	SSMHT0004767	226	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1445	13	SSMHT0011910-SSMHT0004812	B	SS.GM.T0004837	SSMHT0011910	SSMHT0004812	155	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1446	13	SSMHT0011911-SSMHT0004714	D	SS.GM.T0006270	SSMHT0011911	SSMHT0004714	664	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1447	13	SSMHT0012009-SSMHT0003062	B	SS.GM.T0008324	SSMHT0012009	SSMHT0003062	819	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1448	13	SSMHT0012011-SSMHT0010017	C	SS.GM.T0005388	SSMHT0012011	SSMHT0010017	243	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1449	13	SSMHT0012015-SSMHT0001149	B	SS.GM.T0005384	SSMHT0012015	SSMHT0001149	210	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1450	13	SSMHT0012016-SSMHT0000761	B	SS.GM.T0008235	SSMHT0012016	SSMHT0000761	138	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1451	13	SSMHT0012017-SSMHT0000761	B	SS.GM.T0006377	SSMHT0012017	SSMHT0000761	104	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1452	13	SSMHT0012018-SSMHT0004549	B	SS.GM.T0006376	SSMHT0012018	SSMHT0004549	163	6	Assign to high frequency cleaning - grease	\$ 245	\$ -	Add to High Frequency Cleaning in CMOM
1453	13	SSMHT0012024-SSMHT0004593	D	SS.GM.T0008283	SSMHT0012024	SSMHT0004593	236	6	Point Repair at 119 ft from 04593	\$ 4,750	\$ 4,750	Point Repair
1454	13	SSMHT0012025-SSMHT0004614	C	SS.GM.T0004171	SSMHT0012025	SSMHT0004614	119	6	Add to Root Removal Schedule	\$ 208	\$ -	Add to Root Removal Program in CMOM
1455	13	SSMHT0012054-SSMHT0003056	B	SS.GM.T0006520	SSMHT0012054	SSMHT0003056	112	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1456	13	SSMHT0012055-SSMHT0009196	D	SS.GM.T0005493	SSMHT0012055	SSMHT0009196	530	6	Point Repair at 209 ft from 09196	\$ 4,750	\$ 4,750	Point Repair
1457	13	SSMHT0012064-SSMHT0004618	D	SS.GM.T0004481	SSMHT0012064	SSMHT0004618	364	6	Point Repair at 29 ft from 04618	\$ 4,750	\$ 4,750	Point Repair
1458	13	SSMHT0012073-SSMHT0005111	D	SS.GM.T0005804	SSMHT0012073	SSMHT0005111	346	6	Point Repair at 237 ft from 05111	\$ 4,750	\$ 4,750	Point Repair
1459	13	SSMHT0012075-SSMHT0004742	C	SS.GM.T0006835	SSMHT0012075	SSMHT0004742	133	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1460	13	SSMHT0012077-SSMHT0014073	D	SS.GM.T0006117	SSMHT0012077	SSMHT0014073	125	6	Access; Clean and Inspection	\$ 1,450	\$ 1,450	Access; Clean and Inspection
1461	13	SSMHT0012078-SSMHT0004939	C	SS.GM.T0005820	SSMHT0012078	SSMHT0004939	358	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1462	13	SSMHT0012080-SSMHT0004938	C	SS.GM.T0005824	SSMHT0012080	SSMHT0004938	202	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1463	13	SSMHT0012081-SSMHT0004946	C	SS.GM.T0005826	SSMHT0012081	SSMHT0004946	586	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1464	13	SSMHT0012085-SSMHT0004940	B	SS.GM.T0005810	SSMHT0012085	SSMHT0004940	108	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1465	13	SSMHT0012086-SSMHT0004937	C	SS.GM.T0006157	SSMHT0012086	SSMHT0004937	225	6	Point Repair at 83 ft from 04937	\$ -	\$ -	Monitor in CMOM
1466	13	SSMHT0012089-SSMHT0004936	D	SS.GM.T0006159	SSMHT0012089	SSMHT0004936	381	6	Point Repair at 18 ft from 04936	\$ 4,750	\$ 4,750	Point Repair
1467	13	SSMHT0012090-SSMHT0004940	D	SS.GM.T0005812	SSMHT0012090	SSMHT0004940	548	6	Replace Line from 90 to 155 and point repair 345 ft from 04940	\$ 17,750	\$ 17,750	Point Repair
1468	13	SSMHT0012091-SSMHT0003237	C	SS.GM.T0005094	SSMHT0012091	SSMHT0003237	518	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1469	13	SSMHT0012102-SSMHT0005855	D	SS.GM.T0004495	SSMHT0012102	SSMHT0005855	382	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1470	13	SSMHT0012107-SSMHT0000787	C	SS.GM.T0004480	SSMHT0012107	SSMHT0000787	301	6	Point Repair at 136 ft from 000787	\$ -	\$ -	Monitor in CMOM
1471	13	SSMHT0012118-SSMHT0005107	D	SS.GM.T0004478	SSMHT0012118	SSMHT0005107	337	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1472	13	SSMHT0012121-SSMHT0004863	D	SS.GM.T0005087	SSMHT0012121	SSMHT0004863	142	6	Point Repairs at 17, 91, 125, 129 & 173 ft from 04863	\$ 23,750	\$ 23,750	Point Repair/Pipe Burst/Replace
1473	13	SSMHT0012122-SSMHT0004863	C	SS.GM.T0005088	SSMHT0012122	SSMHT0004863	114	6	Point Repair at 22 ft from 04863	\$ -	\$ -	Monitor in CMOM
1474	13	SSMHT0012123-SSMHT0003270	C	SS.GM.T0005119	SSMHT0012123	SSMHT0003270	222	6	Point Repair at 138 ft from 03270	\$ -	\$ -	Monitor in CMOM
1475	13	SSMHT0012125-SSMHT0004960	D	SS.GM.T0005075	SSMHT0012125	SSMHT0004960	235	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair



Remedial Measure Description	Quantity	Remediation Plan
Access; Clean and Inspection (I.f.)	22,933	\$ 271,280
Pipe Burst or Replace (I.f.)	24,604	\$ 2,811,731
Point Repair (ea.)	570	\$ 2,707,250
Replace Mainline (I.f.)	816	\$ 163,200
Cured In Place Pipe Liner (I.f.)	1,595	\$ 126,125
Total Remedial Measures		\$ 6,079,586
Deferred for Capacity Analysis		\$ 145,200
Group 2 Mainline Remedial Measures		\$ 5,934,386

Group 2 - Mainline Condition Remedial Measures Summary - Basin 13

Item	Basin	Pipe Segment	Rating	City Pipe Asset ID	Upstream Manhole	Downstream Manhole	Pipe Length	Pipe Diameter	Preliminary Rehabilitation Recommendation	Repair Cost	Recommended	Remediation Plan
1476	13	SSMHT0012126-SSMHT0004962	D	SS.GM.T0005077	SSMHT0012126	SSMHT0004962	291	6	Point Repair at 131, 212 and 239 ft from 04962	\$ 14,250	\$ 14,250	Point Repair
1477	13	SSMHT0012127-SSMHT0004851	D	SS.GM.T0006053	SSMHT0012127	SSMHT0004851	125	6	Access; Clean and Inspection	\$ 1,450	\$ 1,450	Access; Clean and Inspection
1478	13	SSMHT0012130-SSMHT0014028	B	SS.GM.T0004794	SSMHT0012130	SSMHT0014028	544	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1479	13	SSMHT0012131-SSMHT0003271	D	SS.GM.T0005118	SSMHT0012131	SSMHT0003271	438	6	Burst to 8" - 25 svc	\$ 80,980	\$ 80,980	Pipe Burst or Replace
1480	13	SSMHT0012132-SSMHT0003268	D	SS.GM.T0005127	SSMHT0012132	SSMHT0003268	299	6	Point Repair at 211 ft from 03268	\$ 4,750	\$ 4,750	Point Repair
1481	13	SSMHT0012133-SSMHT0012947	D	SS.GM.T0006068	SSMHT0012133	SSMHT0012947	126	6	Access; Clean and Inspection	\$ 1,460	\$ 1,460	Access; Clean and Inspection
1482	13	SSMHT0012135-SSMHT0003295	D	SS.GM.T0007089	SSMHT0012135	SSMHT0003295	198	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1483	13	SSMHT0012136-SSMHT0005067	C	SS.GM.T0006190	SSMHT0012136	SSMHT0005067	245	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1484	13	SSMHT0012137-SSMHT0003303	B	SS.GM.T0007100	SSMHT0012137	SSMHT0003303	220	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1485	13	SSMHT0012138-SSMHT0005844	B	SS.GM.T0004810	SSMHT0012138	SSMHT0005844	720	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1486	13	SSMHT0012140-SSMHT0005078	B	SS.GM.T0004241	SSMHT0012140	SSMHT0005078	545	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1487	13	SSMHT0012141-SSMHT0012851	B	SS.GM.T0007111	SSMHT0012141	SSMHT0012851	168	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1488	13	SSMHT0012142-SSMHT0005064	D	SS.GM.T0006202	SSMHT0012142	SSMHT0005064	132	6	Access; Clean and Inspection	\$ 1,520	\$ 1,520	Access; Clean and Inspection
1489	13	SSMHT0012143-SSMHT0000403	C	SS.GM.T0006070	SSMHT0012143	SSMHT0000403	180	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1490	13	SSMHT0012144-SSMHT0005026	B	SS.GM.T0004808	SSMHT0012144	SSMHT0005026	119	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1491	13	SSMHT0012146-SSMHT0003285	C	SS.GM.T0009133	SSMHT0012146	SSMHT0003285	134	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1492	13	SSMHT0012147-SSMHT0003189	C	SS.GM.T0009278	SSMHT0012147	SSMHT0003189	118	6	Point Repairs at 23 and 88 ft from 03189	\$ -	\$ -	Monitor in CMOM
1493	13	SSMHT0012149-SSMHT0004805	B	SS.GM.T0004830	SSMHT0012149	SSMHT0004805	203	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1494	13	SSMHT0012150-SSMHT0004695	B	SS.GM.T0006278	SSMHT0012150	SSMHT0004695	615	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1495	13	SSMHT0012151-SSMHT0004707	D	SS.GM.T0006299	SSMHT0012151	SSMHT0004707	504	6	Point Repairs at 96, 144, 194 and 251 ft from 04707	\$ 19,000	\$ 19,000	Point Repair
1496	13	SSMHT0012152-SSMHT0012833	D	SS.GM.T0009286	SSMHT0012152	SSMHT0012833	231	6	Access; Clean and Inspection	\$ 2,510	\$ 2,510	Access; Clean and Inspection
1497	13	SSMHT0012153-SSMHT0003173	E	SS.GM.T0006332	SSMHT0012153	SSMHT0003173	267	6	Point Repair at 100 ft from 03173	\$ 4,750	\$ 4,750	Point Repair
1498	13	SSMHT0012155-SSMHT0004806	B	SS.GM.T0004789	SSMHT0012155	SSMHT0004806	227	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1499	13	SSMHT0012157-SSMHT0003171	B	SS.GM.T0006346	SSMHT0012157	SSMHT0003171	352	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1500	13	SSMHT0012158-SSMHT0003174	C	SS.GM.T0006334	SSMHT0012158	SSMHT0003174	200	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1501	13	SSMHT0012159-SSMHT0004807	D	SS.GM.T0004820	SSMHT0012159	SSMHT0004807	511	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1502	13	SSMHT0012160-SSMHT0004767	B	SS.GM.T0006219	SSMHT0012160	SSMHT0004767	288	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1503	13	SSMHT0012161-SSMHT0003171	D	SS.GM.T0006345	SSMHT0012161	SSMHT0003171	436	6	Point Repair at 1 ft from 03171	\$ 4,750	\$ 4,750	Point Repair
1504	13	SSMHT0012162-SSMHT0004760	D	SS.GM.T0006217	SSMHT0012162	SSMHT0004760	402	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1505	13	SSMHT0012163-SSMHT0004772	B	SS.GM.T0006224	SSMHT0012163	SSMHT0004772	292	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1506	13	SSMHT0012164-SSMHT0004826	B	SS.GM.T0006241	SSMHT0012164	SSMHT0004826	549	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1507	13	SSMHT0012165-SSMHT0004832	D	SS.GM.T0006232	SSMHT0012165	SSMHT0004832	571	6	Point Repair at 48 ft from 04832	\$ 4,750	\$ 4,750	Point Repair
1508	13	SSMHT0012166-SSMHT0004835	C	SS.GM.T0009047	SSMHT0012166	SSMHT0004835	648	6	Add to Root Removal Schedule	\$ 1,134	\$ -	Add to Root Removal Program in CMOM
1509	13	SSMHT0012259-SSMHT0003071	D	SS.GM.T0006492	SSMHT0012259	SSMHT0003071	331	6	Access; Clean and Inspection	\$ 3,510	\$ 3,510	Access; Clean and Inspection
1510	13	SSMHT0012260-SSMHT0003071	C	SS.GM.T0006493	SSMHT0012260	SSMHT0003071	90	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1511	13	SSMHT0012261-SSMHT0003070	D	SS.GM.T0006495	SSMHT0012261	SSMHT0003070	108	6	Access; Clean and Inspection	\$ 1,283	\$ 1,283	Access; Clean and Inspection
1512	13	SSMHT0012263-SSMHT0003075	C	SS.GM.T0006502	SSMHT0012263	SSMHT0003075	333	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1513	13	SSMHT0012264-SSMHT0003081	D	SS.GM.T0005494	SSMHT0012264	SSMHT0003081	814	6	Point Repairs at 260, 445, 460, 480, 490 & 500 ft from 03081	\$ 28,500	\$ 28,500	Point Repair/Pipe Burst/Replace
1514	13	SSMHT0012265-SSMHT0003072	C	SS.GM.T0005495	SSMHT0012265	SSMHT0003072	296	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1515	13	SSMHT0012266-SSMHT0003073	D	SS.GM.T0005496	SSMHT0012266	SSMHT0003073	291	6	Point Repair at 170 ft from 03063	\$ 4,750	\$ 4,750	Point Repair
1516	13	SSMHT0012267-SSMHT0003011	C	SS.GM.T0005497	SSMHT0012267	SSMHT0003011	344	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1517	13	SSMHT0012268-SSMHT0003077	B	SS.GM.T0006488	SSMHT0012268	SSMHT0003077	255	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1518	13	SSMHT0012269-SSMHT0003078	D	SS.GM.T0006487	SSMHT0012269	SSMHT0003078	137	6	Access; Clean and Inspection	\$ 1,570	\$ 1,570	Access; Clean and Inspection
1519	13	SSMHT0012274-SSMHT0005858	B	SS.GM.T0004231	SSMHT0012274	SSMHT0005858	214	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1520	13	SSMHT0012275-SSMHT0005855	D	SS.GM.T0004227	SSMHT0012275	SSMHT0005855	246	6	Point Repairs at 263 and 274 ft from 05855	\$ 9,500	\$ 9,500	Point Repair
1521	13	SSMHT0012276-SSMHT0005860	D	SS.GM.T0008010	SSMHT0012276	SSMHT0005860	485	6	Point Repair at 277 ft from 05860	\$ 4,750	\$ 4,750	Point Repair
1522	13	SSMHT0012404-SSMHT0005619	B	SS.GM.T0007898	SSMHT0012404	SSMHT0005619	169	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1523	13	SSMHT0012418-SSMHT0004428	C	SS.GM.T0005372	SSMHT0012418	SSMHT0004428	205	6	Point Repair at 48 ft from 04428	\$ -	\$ -	Monitor in CMOM
1524	13	SSMHT0012419-SSMHT0001147	D	SS.GM.T0008317	SSMHT0012419	SSMHT0001147	292	6	Point Repair at 181 ft from 01147	\$ 4,750	\$ 4,750	Point Repair
1525	13	SSMHT0012420-SSMHT0004417	D	SS.GM.T0005396	SSMHT0012420	SSMHT0004417	322	6	Point Repairs at 145 and 173 ft from 04417	\$ 9,500	\$ 9,500	Point Repair
1526	13	SSMHT0012421-SSMHT0012801	D	SS.GM.T0005377	SSMHT0012421	SSMHT0012801	151	6	Access; Clean and Inspection	\$ 1,710	\$ 1,710	Access; Clean and Inspection
1527	13	SSMHT0012422-SSMHT0001144	C	SS.GM.T0005370	SSMHT0012422	SSMHT0001144	316	6	Point Repair at 47 ft from 01144	\$ -	\$ -	Monitor in CMOM
1528	13	SSMHT0012423-SSMHT0001146	D	SS.GM.T0005369	SSMHT0012423	SSMHT0001146	719	6	Point Repair at 548 ft from 01146	\$ 4,750	\$ 4,750	Point Repair
1529	13	SSMHT0012424-SSMHT0001143	B	SS.GM.T0005371	SSMHT0012424	SSMHT0001143	79	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1530	13	SSMHT0012425-SSMHT0012804	B	SS.GM.T0008319	SSMHT0012425	SSMHT0012804	208	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1531	13	SSMHT0012426-SSMHT0012804	C	SS.GM.T0004457	SSMHT0012426	SSMHT0012804	86	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1532	13	SSMHT0012430-SSMHT0001146	D	SS.GM.T0005367	SSMHT0012430	SSMHT0001146	190	6	Point Repair at 250 ft from 01146	\$ 4,750	\$ 4,750	Point Repair
1533	13	SSMHT0012431-SSMHT0003085	B	SS.GM.T0005361	SSMHT0012431	SSMHT0003085	49	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1534	13	SSMHT0012432-SSMHT0003020	D	SS.GM.T0005885	SSMHT0012432	SSMHT0003020	571	6	Point Repair at 430 ft from 03020	\$ 4,750	\$ 4,750	Point Repair



Remedial Measure Description	Quantity	Remediation Plan
Access; Clean and Inspection (I.f.)	22,933	\$ 271,280
Pipe Burst or Replace (I.f.)	24,604	\$ 2,811,731
Point Repair (ea.)	570	\$ 2,707,250
Replace Mainline (I.f.)	816	\$ 163,200
Cured In Place Pipe Liner (I.f.)	1,595	\$ 126,125
Total Remedial Measures		\$ 6,079,586
Deferred for Capacity Analysis		\$ 145,200
Group 2 Mainline Remedial Measures		\$ 5,934,386

Group 2 - Mainline Condition Remedial Measures Summary - Basin 13

Item	Basin	Pipe Segment	Rating	City Pipe Asset ID	Upstream Manhole	Downstream Manhole	Pipe Length	Pipe Diameter	Preliminary Rehabilitation Recommendation	Repair Cost	Recommended	Remediation Plan
1535	13	SSMHT0012433-SSMHT0003018	B	SS.GM.T0005889	SSMHT0012433	SSMHT0003018	607	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1536	13	SSMHT0012437-SSMHT0003031	C	SS.GM.T0005515	SSMHT0012437	SSMHT0003031	136	6	Point Repair at 1 ft from 03031	\$ -	\$ -	Monitor in CMOM
1537	13	SSMHT0012475-SSMHT0005621	B	SS.GM.T0008269	SSMHT0012475	SSMHT0005621	292	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1538	13	SSMHT0012476-SSMHT0004584	B	SS.GM.T0005137	SSMHT0012476	SSMHT0004584	238	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1539	13	SSMHT0012477-SSMHT0004591	D	SS.GM.T0004853	SSMHT0012477	SSMHT0004591	330	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1540	13	SSMHT0012478-SSMHT0005656	D	SS.GM.T0004177	SSMHT0012478	SSMHT0005656	150	6	Point Repair at 120 ft from 05656	\$ 4,750	\$ 4,750	Point Repair
1541	13	SSMHT0012479-SSMHT0004589	D	SS.GM.T0004852	SSMHT0012479	SSMHT0004589	233	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1542	13	SSMHT0012481-SSMHT0004614	D	SS.GM.T0006870	SSMHT0012481	SSMHT0004614	574	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1543	13	SSMHT0012486-SSMHT0004621	C	SS.GM.T0005801	SSMHT0012486	SSMHT0004621	155	4	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1544	13	SSMHT0012495-SSMHT0004480	D	SS.GM.T0005392	SSMHT0012495	SSMHT0004480	322	6	Point Repair at 202 ft from 04480	\$ 4,750	\$ 4,750	Point Repair
1545	13	SSMHT0012500-SSMHT0004532	B	SS.GM.T0004440	SSMHT0012500	SSMHT0004532	166	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1546	13	SSMHT0012517-SSMHT0002351	B	SS.GM.T0004447	SSMHT0012517	SSMHT0002351	490	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1547	13	SSMHT0012518-SSMHT0002352	B	SS.GM.T0007401	SSMHT0012518	SSMHT0002352	632	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1548	13	SSMHT0012519-SSMHT0004460	D	SS.GM.T0007400	SSMHT0012519	SSMHT0004460	535	6	Point Repair at 22, 251, 289 and 351 ft from 03299	\$ 19,000	\$ 19,000	Point Repair
1549	13	SSMHT0012520-SSMHT0002787	C	SS.GM.T0008421	SSMHT0012520	SSMHT0002787	361	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1550	13	SSMHT0012521-SSMHT0002787	B	SS.GM.T0004444	SSMHT0012521	SSMHT0002787	263	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1551	13	SSMHT0012522-SSMHT0002789	C	SS.GM.T0008423	SSMHT0012522	SSMHT0002789	271	6	Point Repair at 1 ft from 02789	\$ -	\$ -	Monitor in CMOM
1552	13	SSMHT0012523-SSMHT0004464	D	SS.GM.T0004462	SSMHT0012523	SSMHT0004464	201	6	Point Repair at 16 ft from 04464	\$ 4,750	\$ 4,750	Point Repair
1553	13	SSMHT0012525-SSMHT0014022	C	SS.GM.T0014132	SSMHT0012525	SSMHT0014022	535	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1554	13	SSMHT0012531-SSMHT0001142	C	SS.GM.T0005363	SSMHT0012531	SSMHT0001142	122	6	Point Repair at 80 ft from 12829	\$ -	\$ -	Monitor in CMOM
1555	13	SSMHT0012532-SSMHT0003057	D	SS.GM.T0005500	SSMHT0012532	SSMHT0003057	137	6	Point Repairs at 26 & 62 ft from 03057	\$ 9,500	\$ 9,500	Point Repair
1556	13	SSMHT0012533-SSMHT0003015	D	SS.GM.T0005897	SSMHT0012533	SSMHT0003015	65	6	Point Repair at 32 ft from 03015	\$ 4,750	\$ 4,750	Point Repair
1557	13	SSMHT0012534-SSMHT0000674	D	SS.GM.T0008442	SSMHT0012534	SSMHT0000674	164	6	Point Repair at 2 & 21 ft from 00674*	\$ 9,500	\$ 9,500	Point Repair
1558	13	SSMHT0012537-SSMHT0003020	B	SS.GM.T0005516	SSMHT0012537	SSMHT0003020	226	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1559	13	SSMHT0012540-SSMHT0003058	B	SS.GM.T0005890	SSMHT0012540	SSMHT0003058	3	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1560	13	SSMHT0012541-SSMHT0003064	B	SS.GM.T0005508	SSMHT0012541	SSMHT0003064	381	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1561	13	SSMHT0012542-SSMHT0004455	B	SS.GM.T0004433	SSMHT0012542	SSMHT0004455	462	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1562	13	SSMHT0012543-SSMHT0002304	D	SS.GM.T0006485	SSMHT0012543	SSMHT0002304	222	6	Access; Clean and Inspection	\$ 2,420	\$ 2,420	Access; Clean and Inspection
1563	13	SSMHT0012545-SSMHT0001795	B	SS.GM.T0005900	SSMHT0012545	SSMHT0001795	279	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1564	13	SSMHT0012546-SSMHT0012794	D	SS.GM.T0007886	SSMHT0012546	SSMHT0012794	436	8	Point Repairs at 75 and 336 ft from 12546	\$ 9,500	\$ 9,500	Point Repair
1565	13	SSMHT0012548-SSMHT0012795	B	SS.GM.T0005499	SSMHT0012548	SSMHT0012795	477	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1566	13	SSMHT0012549-SSMHT0012792	D	SS.GM.T0007884	SSMHT0012549	SSMHT0012792	513	6	Burst to 8" - 11 svc	\$ 62,855	\$ 62,855	Pipe Burst or Replace
1567	13	SSMHT0012550-SSMHT0002581	C	SS.GM.T0007888	SSMHT0012550	SSMHT0002581	578	6	Point Repair at 47 ft from 12550	\$ -	\$ -	Monitor in CMOM
1568	13	SSMHT0012551-SSMHT0004511	D	SS.GM.T0005043	SSMHT0012551	SSMHT0004511	835	6	Point Repair at 13 ft from 04511	\$ 4,750	\$ 4,750	Point Repair
1569	13	SSMHT0012552-SSMHT0012934	D	SS.GM.T0005353	SSMHT0012552	SSMHT0012934	240	6	Access; Clean and Inspection	\$ 2,600	\$ 2,600	Access; Clean and Inspection
1570	13	SSMHT0012553-SSMHT0002582	D	SS.GM.T0006514	SSMHT0012553	SSMHT0002582	716	6	Point Repairs at 446 & 559 ft from 12553	\$ 9,500	\$ 9,500	Point Repair
1571	13	SSMHT0012594-SSMHT0005004	B	SS.GM.T0004220	SSMHT0012594	SSMHT0005004	254	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1572	13	SSMHT0012595-SSMHT0005002	B	SS.GM.T0008718	SSMHT0012595	SSMHT0005002	160	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1573	13	SSMHT0012596-SSMHT0005900	B	SS.GM.T0008720	SSMHT0012596	SSMHT0005900	103	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1574	13	SSMHT0012597-SSMHT0005008	B	SS.GM.T0004225	SSMHT0012597	SSMHT0005008	165	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1575	13	SSMHT0012600-SSMHT0005848	B	SS.GM.T0004195	SSMHT0012600	SSMHT0005848	236	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1576	13	SSMHT0012601-SSMHT0004716	B	SS.GM.T0005845	SSMHT0012601	SSMHT0004716	204	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1577	13	SSMHT0012602-SSMHT0003223	C	SS.GM.T0006834	SSMHT0012602	SSMHT0003223	407	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1578	13	SSMHT0012603-SSMHT0014069	D	SS.GM.T0006118	SSMHT0012603	SSMHT0014069	269	6	Access; Clean and Inspection	\$ 2,890	\$ 2,890	Access; Clean and Inspection
1579	13	SSMHT0012604-SSMHT0004917	B	SS.GM.T0004212	SSMHT0012604	SSMHT0004917	177	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1580	13	SSMHT0012605-SSMHT0004926	C	SS.GM.T0006133	SSMHT0012605	SSMHT0004926	449	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1581	13	SSMHT0012607-SSMHT0004936	D	SS.GM.T0006160	SSMHT0012607	SSMHT0004936	172	6	Burst to 8" - 4 svc	\$ 21,620	\$ 21,620	Pipe Burst or Replace
1582	13	SSMHT0012608-SSMHT0014068	D	SS.GM.T0004211	SSMHT0012608	SSMHT0014068	364	6	Access; Clean and Inspection	\$ 3,840	\$ 3,840	Access; Clean and Inspection
1583	13	SSMHT0012609-SSMHT0003229	C	SS.GM.T0005100	SSMHT0012609	SSMHT0003229	103	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1584	13	SSMHT0012610-SSMHT0004720	B	SS.GM.T0006043	SSMHT0012610	SSMHT0004720	133	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1585	13	SSMHT0012612-SSMHT0014032	C	SS.GM.T0004224	SSMHT0012612	SSMHT0014032	352	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1586	13	SSMHT0012613-SSMHT0004986	D	SS.GM.T0006167	SSMHT0012613	SSMHT0004986	252	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1587	13	SSMHT0012673-SSMHT0005960	B	SS.GM.T0004969	SSMHT0012673	SSMHT0005960	388	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1588	13	SSMHT0012675-SSMHT0005765	B	SS.GM.T0005039	SSMHT0012675	SSMHT0005765	201	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1589	13	SSMHT0012688-SSMHT0004980	B	SS.GM.T0006177	SSMHT0012688	SSMHT0004980	402	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1590	13	SSMHT0012689-SSMHT0004964	D	SS.GM.T0009198	SSMHT0012689	SSMHT0004964	392	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1591	13	SSMHT0012690-SSMHT0004861	D	SS.GM.T0009122	SSMHT0012690	SSMHT0004861	253	6	Point Repair at 15 ft from 04861	\$ 4,750	\$ 4,750	Point Repair
1592	13	SSMHT0012691-SSMHT0012947	D	SS.GM.T0006069	SSMHT0012691	SSMHT0012947	279	6	Construct Cleanout at End Of Line*	\$ 4,750	\$ 4,750	Point Repair
1593	13	SSMHT0012693-SSMHT0004866	B	SS.GM.T0006066	SSMHT0012693	SSMHT0004866	154	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM



Remedial Measure Description	Quantity	Remediation Plan
Access; Clean and Inspection (I.f.)	22,933	\$ 271,280
Pipe Burst or Replace (I.f.)	24,604	\$ 2,811,731
Point Repair (ea.)	570	\$ 2,707,250
Replace Mainline (I.f.)	816	\$ 163,200
Cured In Place Pipe Liner (I.f.)	1,595	\$ 126,125
Total Remedial Measures		\$ 6,079,586
Deferred for Capacity Analysis		\$ 145,200
Group 2 Mainline Remedial Measures		\$ 5,934,386

Group 2 - Mainline Condition Remedial Measures Summary - Basin 13

Item	Basin	Pipe Segment	Rating	City Pipe Asset ID	Upstream Manhole	Downstream Manhole	Pipe Length	Pipe Diameter	Preliminary Rehabilitation Recommendation	Repair Cost	Recommended	Remediation Plan
1594	13	SSMHT0012694-SSMHT0004867	C	SS.GM.T0009125	SSMHT0012694	SSMHT0004867	251	6	Add to Root Removal Schedule	\$ 439	\$ -	Add to Root Removal Program in CMOM
1595	13	SSMHT0012695-SSMHT0004858	C	SS.GM.T0007091	SSMHT0012695	SSMHT0004858	359	6	Point Repair at 92 ft from 12695	\$ -	\$ -	Monitor in CMOM
1596	13	SSMHT0012696-SSMHT0003268	D	SS.GM.T0005125	SSMHT0012696	SSMHT0003268	150	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1597	13	SSMHT0012698-SSMHT0013972	D	SS.GM.T0006170	SSMHT0012698	SSMHT0013972	342	6	Point Repair at 179 ft from 12943	\$ 4,750	\$ 4,750	Point Repair
1598	13	SSMHT0012699-SSMHT0003273	D	SS.GM.T0006040	SSMHT0012699	SSMHT0003273	288	6	Point Repairs at 148 ft from 03273	\$ 4,750	\$ 4,750	Point Repair
1599	13	SSMHT0012700-SSMHT0005091	B	SS.GM.T0004797	SSMHT0012700	SSMHT0005091	389	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1600	13	SSMHT0012701-SSMHT0004866	B	SS.GM.T0006064	SSMHT0012701	SSMHT0004866	163	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1601	13	SSMHT0012703-SSMHT0003299	D	SS.GM.T0007076	SSMHT0012703	SSMHT0003299	407	6	Point Repairs at 209 and 279 ft from 04460	\$ 9,500	\$ 9,500	Point Repair
1602	13	SSMHT0012705-SSMHT0003296	D	SS.GM.T0009111	SSMHT0012705	SSMHT0003296	175	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1603	13	SSMHT0012706-SSMHT0005061	B	SS.GM.T0004777	SSMHT0012706	SSMHT0005061	158	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1604	13	SSMHT0012707-SSMHT0005087	D	SS.GM.T0004234	SSMHT0012707	SSMHT0005087	202	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1605	13	SSMHT0012710-SSMHT0006845	C	SS.GM.T0006321	SSMHT0012710	SSMHT0006845	162	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1606	13	SSMHT0012711-SSMHT0004693	C	SS.GM.T0006274	SSMHT0012711	SSMHT0004693	265	6	Point Repair at 186 and 197 ft from 04693	\$ -	\$ -	Monitor in CMOM
1607	13	SSMHT0012712-SSMHT0005075	C	SS.GM.T0004781	SSMHT0012712	SSMHT0005075	366	6	Add to Root Removal Schedule	\$ 641	\$ -	Add to Root Removal Program in CMOM
1608	13	SSMHT0012714-SSMHT0005049	D	SS.GM.T0006200	SSMHT0012714	SSMHT0005049	166	6	Point Repair at 78 ft from 05049	\$ 4,750	\$ 4,750	Point Repair
1609	13	SSMHT0012716-SSMHT0012910	B	SS.GM.T0006076	SSMHT0012716	SSMHT0012910	172	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1610	13	SSMHT0012717-SSMHT0006838	D	SS.GM.T0006074	SSMHT0012717	SSMHT0006838	231	6	Point Repairs at 51 ft from 12717*	\$ 4,750	\$ 4,750	Point Repair
1611	13	SSMHT0012719-SSMHT0003289	D	SS.GM.T0007123	SSMHT0012719	SSMHT0003289	194	6	Access; Clean and Inspection	\$ 2,140	\$ 2,140	Access; Clean and Inspection
1612	13	SSMHT0012720-SSMHT0003288	D	SS.GM.T0007122	SSMHT0012720	SSMHT0003288	213	6	Point Repairs at 2, 60 and 139 ft from 03288	\$ 14,250	\$ 14,250	Point Repair
1613	13	SSMHT0012721-SSMHT0003179	C	SS.GM.T0008990	SSMHT0012721	SSMHT0003179	307	6	Point Repair at 130 ft from 03179	\$ -	\$ -	Monitor in CMOM
1614	13	SSMHT0012722-SSMHT0003204	E	SS.GM.T0004806	SSMHT0012722	SSMHT0003204	354	6	Point Repair at 15 ft from 03204	\$ 4,750	\$ 4,750	Point Repair
1615	13	SSMHT0012723-SSMHT0004781	D	SS.GM.T0006201	SSMHT0012723	SSMHT0004781	261	6	Point Repair at 43, 120 and 146 ft from 04781	\$ 14,250	\$ 14,250	Point Repair
1616	13	SSMHT0012724-SSMHT0010319	D	SS.GM.T0006293	SSMHT0012724	SSMHT0010319	330	6	Locate and Expose 12724; Clean and CCTV	\$ 4,650	\$ 4,650	Access; Clean and Inspection
1617	13	SSMHT0012725-SSMHT0004778	D	SS.GM.T0006079	SSMHT0012725	SSMHT0004778	282	6	Access; Clean and Inspection	\$ 3,020	\$ 3,020	Access; Clean and Inspection
1618	13	SSMHT0012726-SSMHT0006844	D	SS.GM.T0006320	SSMHT0012726	SSMHT0006844	281	6	Point Repair at 212 ft from 06844*	\$ 4,750	\$ 4,750	Point Repair
1619	13	SSMHT0012727-SSMHT0004699	C	SS.GM.T0006078	SSMHT0012727	SSMHT0004699	157	6	Point Repairs at 31.4 ft from 04699	\$ -	\$ -	Monitor in CMOM
1620	13	SSMHT0012728-SSMHT0004693	B	SS.GM.T0006275	SSMHT0012728	SSMHT0004693	163	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1621	13	SSMHT0012730-SSMHT0004805	B	SS.GM.T0004829	SSMHT0012730	SSMHT0004805	391	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1622	13	SSMHT0012731-SSMHT0004806	C	SS.GM.T0004788	SSMHT0012731	SSMHT0004806	136	6	Point Repair at 79 ft from 04806	\$ -	\$ -	Monitor in CMOM
1623	13	SSMHT0012732-SSMHT0004775	B	SS.GM.T0006214	SSMHT0012732	SSMHT0004775	366	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1624	13	SSMHT0012733-SSMHT0004810	B	SS.GM.T0004831	SSMHT0012733	SSMHT0004810	388	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1625	13	SSMHT0012734-SSMHT0004709	B	SS.GM.T0008996	SSMHT0012734	SSMHT0004709	173	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1626	13	SSMHT0012735-SSMHT0004708	D	SS.GM.T0006298	SSMHT0012735	SSMHT0004708	536	6	Point Repairs at 23, 109, 248 and 295 ft from 04708	\$ 19,000	\$ 19,000	Point Repair
1627	13	SSMHT0012736-SSMHT0003174	D	SS.GM.T0006333	SSMHT0012736	SSMHT0003174	407	6	Construct Cleanout at End Of Line*	\$ 4,750	\$ 4,750	Point Repair
1628	13	SSMHT0012737-SSMHT0004787	B	SS.GM.T0009028	SSMHT0012737	SSMHT0004787	303	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1629	13	SSMHT0012738-SSMHT0004880	D	SS.GM.T0006223	SSMHT0012738	SSMHT0004880	218	6	Point Repair at 23.6 ft from 04880	\$ 4,750	\$ 4,750	Point Repair
1630	13	SSMHT0012739-SSMHT0004777	E	SS.GM.T0006084	SSMHT0012739	SSMHT0004777	719	6	Point Repair at 238, 241, 274 and 654 ft from 04778	\$ 19,000	\$ 19,000	Point Repair
1631	13	SSMHT0012740-SSMHT0004811	C	SS.GM.T0004832	SSMHT0012740	SSMHT0004811	336	6	Point Repair at 120 ft from 04811	\$ -	\$ -	Monitor in CMOM
1632	13	SSMHT0012741-SSMHT0004765	D	SS.GM.T0006236	SSMHT0012741	SSMHT0004765	202	6	Construct Manhole at 12741	\$ 10,000	\$ 10,000	Point Repair
1633	13	SSMHT0012742-SSMHT0004704	C	SS.GM.T0006266	SSMHT0012742	SSMHT0004704	517	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1634	13	SSMHT0012743-SSMHT0004804	C	SS.GM.T0004833	SSMHT0012743	SSMHT0004804	254	6	Point Repair at 134 and 183 ft from 04804 and Add to Root Removal Schedule	\$ 445	\$ -	Add to Root Removal Program in CMOM
1635	13	SSMHT0012744-SSMHT0003175	B	SS.GM.T0006273	SSMHT0012744	SSMHT0003175	258	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1636	13	SSMHT0012746-SSMHT0004822	B	SS.GM.T0006257	SSMHT0012746	SSMHT0004822	540	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1637	13	SSMHT0012747-SSMHT0004817	B	SS.GM.T0004818	SSMHT0012747	SSMHT0004817	95	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1638	13	SSMHT0012748-SSMHT0004874	C	SS.GM.T0006307	SSMHT0012748	SSMHT0004874	555	6	Point Repair at 3 ft from 04874 and Add to Root Removal Schedule	\$ 971	\$ -	Add to Root Removal Program in CMOM
1639	13	SSMHT0012749-SSMHT0004816	D	SS.GM.T0005782	SSMHT0012749	SSMHT0004816	80	6	Point Repair at 75 ft from 04816	\$ 4,750	\$ 4,750	Point Repair
1640	13	SSMHT0012792-SSMHT0012795	D	SS.GM.T0007885	SSMHT0012792	SSMHT0012795	346	6	Point Repair at 270 ft from 12546	\$ 4,750	\$ 4,750	Point Repair
1641	13	SSMHT0012793-SSMHT0010088	C	SS.GM.T0003932	SSMHT0012793	SSMHT0010088	76	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1642	13	SSMHT0012794-SSMHT0001796	B	SS.GM.T0007887	SSMHT0012794	SSMHT0001796	350	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1643	13	SSMHT0012795-SSMHT0001796	D	SS.GM.T0005901	SSMHT0012795	SSMHT0001796	476	6	Point Repairs at 68, 173 & 198 ft from 12795	\$ 14,250	\$ 14,250	Point Repair
1644	13	SSMHT0012797-SSMHT0003063	B	SS.GM.T0005512	SSMHT0012797	SSMHT0003063	121	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1645	13	SSMHT0012798-SSMHT0003063	B	SS.GM.T0007477	SSMHT0012798	SSMHT0003063	140	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1646	13	SSMHT0012799-SSMHT0003016	C	SS.GM.T0007856	SSMHT0012799	SSMHT0003016	170	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1647	13	SSMHT0012801-SSMHT0004418	C	SS.GM.T0005375	SSMHT0012801	SSMHT0004418	195	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1648	13	SSMHT0012804-SSMHT0002971	D	SS.GM.T0004456	SSMHT0012804	SSMHT0002971	324	6	Point Repair at 91 and 308 ft from 02971	\$ 9,500	\$ 9,500	Point Repair
1649	13	SSMHT0012817-SSMHT0003188	D	SS.GM.T0008847	SSMHT0012817	SSMHT0003188	277	6	Point Repairs at 15 ft from 12817 and 1 ft from 03188	\$ 9,500	\$ 9,500	Point Repair
1650	13	SSMHT0012818-SSMHT0000778	D	SS.GM.T0004486	SSMHT0012818	SSMHT0000778	182	6	Point Repairs at 132 and 173 ft from 00778	\$ 9,500	\$ 9,500	Point Repair
1651	13	SSMHT0012819-SSMHT0005849	C	SS.GM.T0008918	SSMHT0012819	SSMHT0005849	383	6	Assign to high frequency cleaning - tuberculation	\$ 575	\$ -	Add to High Frequency Cleaning in CMOM
1652	13	SSMHT0012829-SSMHT0001142	C	SS.GM.T0005364	SSMHT0012829	SSMHT0001142	178	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM



Remedial Measure Description	Quantity	Remediation Plan
Access; Clean and Inspection (I.f.)	22,933	\$ 271,280
Pipe Burst or Replace (I.f.)	24,604	\$ 2,811,731
Point Repair (ea.)	570	\$ 2,707,250
Replace Mainline (I.f.)	816	\$ 163,200
Cured In Place Pipe Liner (I.f.)	1,595	\$ 126,125
Total Remedial Measures		\$ 6,079,586
Deferred for Capacity Analysis		\$ 145,200
Group 2 Mainline Remedial Measures		\$ 5,934,386

Group 2 - Mainline Condition Remedial Measures Summary - Basin 13

Item	Basin	Pipe Segment	Rating	City Pipe Asset ID	Upstream Manhole	Downstream Manhole	Pipe Length	Pipe Diameter	Preliminary Rehabilitation Recommendation	Repair Cost	Recommended	Remediation Plan
1653	13	SSMHT0012833-SSMHT0003187	D	SS.GM.T0006265	SSMHT0012833	SSMHT0003187	355	6	Point Repairs at 24, 229 and 268 ft from 03187	\$ 14,250	\$ 14,250	Point Repair
1654	13	SSMHT0012834-SSMHT0003190	D	SS.GM.T0009000	SSMHT0012834	SSMHT0003190	314	6	Point Repair at 175 and 194 ft from 12834	\$ 9,500	\$ 9,500	Point Repair
1655	13	SSMHT0012835-SSMHT0009516	D	SS.GM.T0006088	SSMHT0012835	SSMHT0009516	264	6	Access; Clean and Inspection	\$ 2,840	\$ 2,840	Access; Clean and Inspection
1656	13	SSMHT0012836-SSMHT0012837	B	SS.GM.T0006252	SSMHT0012836	SSMHT0012837	83	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1657	13	SSMHT0012837-SSMHT0004770	B	SS.GM.T0006251	SSMHT0012837	SSMHT0004770	299	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1658	13	SSMHT0012838-SSMHT0004824	B	SS.GM.T0006246	SSMHT0012838	SSMHT0004824	663	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1659	13	SSMHT0012839-SSMHT0004822	B	SS.GM.T0006258	SSMHT0012839	SSMHT0004822	331	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1660	13	SSMHT0012840-SSMHT0003234	D	SS.GM.T0008520	SSMHT0012840	SSMHT0003234	279	8	Burst to 8" - 6 svc	\$ 34,215	\$ 34,215	Pipe Burst or Replace
1661	13	SSMHT0012842-SSMHT0003218	C	SS.GM.T0005848	SSMHT0012842	SSMHT0003218	58	6	Point Repair at 40 ft from 03218	\$ -	\$ -	Monitor in CMOM
1662	13	SSMHT0012845-SSMHT0014010	B	SS.GM.T0005105	SSMHT0012845	SSMHT0014010	369	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1663	13	SSMHT0012846-SSMHT0009433	D	SS.GM.T0005084	SSMHT0012846	SSMHT0009433	183	6	Access; Clean and Inspection	\$ 2,030	\$ 2,030	Access; Clean and Inspection
1664	13	SSMHT0012847-SSMHT0003212	D	SS.GM.T0005834	SSMHT0012847	SSMHT0003212	185	8	Access; Clean and Inspection	\$ 2,050	\$ 2,050	Access; Clean and Inspection
1665	13	SSMHT0012848-SSMHT0003227	B	SS.GM.T0008051	SSMHT0012848	SSMHT0003227	29	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1666	13	SSMHT0012849-SSMHT0010058	D	SS.GM.T0005108	SSMHT0012849	SSMHT0010058	188	6	Access; Clean and Inspection	\$ 2,080	\$ 2,080	Access; Clean and Inspection
1667	13	SSMHT0012850-SSMHT0012856	C	SS.GM.T0007103	SSMHT0012850	SSMHT0012856	293	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1668	13	SSMHT0012851-SSMHT0009666	B	SS.GM.T0007109	SSMHT0012851	SSMHT0009666	253	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1669	13	SSMHT0012852-SSMHT0003290	B	SS.GM.T0007119	SSMHT0012852	SSMHT0003290	35	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1670	13	SSMHT0012853-SSMHT0003286	C	SS.GM.T0006315	SSMHT0012853	SSMHT0003286	169	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1671	13	SSMHT0012854-SSMHT0014000	B	SS.GM.T0008511	SSMHT0012854	SSMHT0014000	224	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1672	13	SSMHT0012855-SSMHT0009666	C	SS.GM.T0007112	SSMHT0012855	SSMHT0009666	293	6	Point Repairs at 2 and 80 ft from 03292	\$ -	\$ -	Monitor in CMOM
1673	13	SSMHT0012856-SSMHT0014033	B	SS.GM.T0007102	SSMHT0012856	SSMHT0014033	10	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1674	13	SSMHT0012889-SSMHT0003065	D	SS.GM.T0014100	SSMHT0012889	SSMHT0003065	815		Access; Clean and Inspection	\$ 8,348	\$ 8,348	Access; Clean and Inspection
1675	13	SSMHT0012910-SSMHT0003313	C	SS.GM.T0006075	SSMHT0012910	SSMHT0003313	61	6	Add to Root Removal Schedule	\$ 107	\$ -	Add to Root Removal Program in CMOM
1676	13	SSMHT0012911-SSMHT0003183	C	SS.GM.T0006091	SSMHT0012911	SSMHT0003183	290	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1677	13	SSMHT0012912-SSMHT0004708	C	SS.GM.T0006303	SSMHT0012912	SSMHT0004708	320	6	Point Repairs at 88, 268 and 293 ft from 12912	\$ -	\$ -	Monitor in CMOM
1678	13	SSMHT0012913-SSMHT0003197	B	SS.GM.T0006101	SSMHT0012913	SSMHT0003197	46	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1679	13	SSMHT0012914-SSMHT0012911	D	SS.GM.T0006092	SSMHT0012914	SSMHT0012911	217	6	Access; Clean and Inspection	\$ 2,370	\$ 2,370	Access; Clean and Inspection
1680	13	SSMHT0012934-SSMHT0004597	D	SS.GM.T0005135	SSMHT0012934	SSMHT0004597	688	6	Point Repair at 104 and 510 ft from 04597	\$ 9,500	\$ 9,500	Point Repair
1681	13	SSMHT0012063-SSMHT0012965	B	SS.GM.T0005797	SSMHT0012935	SSMHT0012965	90	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1682	13	SSMHT0012935-SSMHT0004594	D	SS.GM.T0007011	SSMHT0012935	SSMHT0004594	432	10	Point Repairs at 31 and 260 ft from 12935	\$ 9,500	\$ 9,500	Point Repair
1683	13	SSMHT0012936-SSMHT0000757	C	SS.GM.T0009748	SSMHT0012936	SSMHT0000757	533	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1684	13	SSMHT0012937-SSMHT0004916	B	SS.GM.T0009157	SSMHT0012937	SSMHT0004916	92	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1685	13	SSMHT0012938-SSMHT0004920	C	SS.GM.T0006136	SSMHT0012938	SSMHT0004920	162	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1686	13	SSMHT0012939-SSMHT0004920	B	SS.GM.T0006139	SSMHT0012939	SSMHT0004920	396	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1687	13	SSMHT0012940-SSMHT0004969	C	SS.GM.T0004900	SSMHT0012940	SSMHT0004969	396	6	Add to Root Removal Schedule	\$ 693	\$ -	Add to Root Removal Program in CMOM
1688	13	SSMHT0012943-SSMHT0005059	C	SS.GM.T0006169	SSMHT0012943	SSMHT0005059	295	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1689	13	SSMHT0012944-SSMHT0005050	C	SS.GM.T0006071	SSMHT0012944	SSMHT0005050	293	6	Point Repairs at 86 and 205 ft from 12944	\$ -	\$ -	Monitor in CMOM
1690	13	SSMHT0012945-SSMHT0000405	C	SS.GM.T0006144	SSMHT0012945	SSMHT0000405	624	6	Point Repairs at 163 and 178 ft from 00405	\$ -	\$ -	Monitor in CMOM
1691	13	SSMHT0012947-SSMHT0005032	B	SS.GM.T0006067	SSMHT0012947	SSMHT0005032	180	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1692	13	SSMHT0012949-SSMHT0012950	D	SS.GM.T0004868	SSMHT0012949	SSMHT0012950	131	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1693	13	SSMHT0012950-SSMHT0005106	C	SS.GM.T0009258	SSMHT0012950	SSMHT0005106	175	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1694	13	SSMHT0012951-SSMHT0004763	C	SS.GM.T0006233	SSMHT0012951	SSMHT0004763	182	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1695	13	SSMHT0012952-SSMHT0004774	D	SS.GM.T0009275	SSMHT0012952	SSMHT0004774	352	6	Point Repair at 209 ft from 12952	\$ 4,750	\$ 4,750	Point Repair
1696	13	SSMHT0012954-SSMHT0003220	D	SS.GM.T0006830	SSMHT0012954	SSMHT0003220	47	8	Access; Clean and Inspection	\$ 666	\$ 666	Access; Clean and Inspection
1697	13	SSMHT0012955-SSMHT0004487	C	SS.GM.T0004451	SSMHT0012955	SSMHT0004487	176	6	Point Repair at 17 ft from 012955	\$ -	\$ -	Monitor in CMOM
1698	13	SSMHT0012965-SSMHT0004611	B	SS.GM.T0007000	SSMHT0012965	SSMHT0004611	64	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1699	13	SSMHT0012966-SSMHT0012967	D	SS.GM.T0007001	SSMHT0012966	SSMHT0012967	203	8	Point Repairs at 31 and 153 ft from 12967	\$ 9,500	\$ 9,500	Point Repair
1700	13	SSMHT0012967-SSMHT0004376	D	SS.GM.T0004477	SSMHT0012967	SSMHT0004376	191	8	Point Repair at 37 ft from 12967	\$ 4,750	\$ 4,750	Point Repair
1701	13	SSMHT0012968-SSMHT0012967	D	SS.GM.T0007473	SSMHT0012968	SSMHT0012967	178	6	Burst to 8" - 6 svc	\$ 25,630	\$ 25,630	Pipe Burst or Replace
1702	13	SSMHT0012977-SSMHT0001149	B	SS.GM.T0005383	SSMHT0012977	SSMHT0001149	358	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1703	13	SSMHT0012978-SSMHT0012979	B	SS.GM.T0013157	SSMHT0012978	SSMHT0012979	22	36	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1704	13	SSMHT0012979-SSMHT0012983	B	SS.GM.T0004158	SSMHT0012979	SSMHT0012983	131	36	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1705	13	SSMHT0012980-SSMHT0012979	B	SS.GM.T0013160	SSMHT0012980	SSMHT0012979	11	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1706	13	SSMHT0012981-SSMHT0012978	B	SS.GM.T0004156	SSMHT0012981	SSMHT0012978	9	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1707	13	SSMHT0012982-SSMHT0012980	B	SS.GM.T0013159	SSMHT0012982	SSMHT0012980	48	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1708	13	SSMHT0012983-SSMHT0014083	B	SS.GM.T0008214	SSMHT0012983	SSMHT0014083	438	42	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1709	13	SSMHT0012984-SSMHT0012983	B	SS.GM.T0008213	SSMHT0012984	SSMHT0012983	29	30	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1710	13	SSMHT0013031-SSMHT0013032	B	SS.GM.T0013247	SSMHT0013031	SSMHT0013032	60	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1711	13	SSMHT0013032-SSMHT0013033	B	SS.GM.T0013248	SSMHT0013032	SSMHT0013033	56	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM



Remedial Measure Description	Quantity	Remediation Plan
Access; Clean and Inspection (I.f.)	22,933	\$ 271,280
Pipe Burst or Replace (I.f.)	24,604	\$ 2,811,731
Point Repair (ea.)	570	\$ 2,707,250
Replace Mainline (I.f.)	816	\$ 163,200
Cured In Place Pipe Liner (I.f.)	1,595	\$ 126,125
Total Remedial Measures		\$ 6,079,586
Deferred for Capacity Analysis		\$ 145,200
Group 2 Mainline Remedial Measures		\$ 5,934,386

Group 2 - Mainline Condition Remedial Measures Summary - Basin 13

Item	Basin	Pipe Segment	Rating	City Pipe Asset ID	Upstream Manhole	Downstream Manhole	Pipe Length	Pipe Diameter	Preliminary Rehabilitation Recommendation	Repair Cost	Recommended	Remediation Plan
1712	13	SSMHT0013033-SSMHT0014007	D	SS.GM.T0005380	SSMHT0013033	SSMHT0014007	430	6	Point Repairs at 133, 210, 358 ft from 14007	\$ 14,250	\$ 14,250	Point Repair
1713	13	SSMHT0013034-SSMHT0013997	B	SS.GM.T0005151	SSMHT0013034	SSMHT0013997	213	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1714	13	SSMHT0013035-SSMHT0004406	C	SS.GM.T0005164	SSMHT0013035	SSMHT0004406	385	6	Point Repair at 220 & 359 ft from 13035	\$ -	\$ -	Monitor in CMOM
1715	13	SSMHT0013044-SSMHT0004439	B	SS.GM.T0013260	SSMHT0013044	SSMHT0004439	158	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1716	13	SSMHT0013054-SSMHT0013055	B	SS.GM.T0013259	SSMHT0013054	SSMHT0013055	142	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1717	13	SSMHT0013055-SSMHT0000857	B	SS.GM.T0013258	SSMHT0013055	SSMHT0000857	61	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1718	13	SSMHT0013056-SSMHT0013091	D	SS.GM.T0007707	SSMHT0013056	SSMHT0013091	572	10	Locate and Expose 13056; Clean and CCTV	\$ 7,070	\$ 7,070	Access; Clean and Inspection
1719	13	SSMHT0013074-SSMHT0013076	D	SS.GM.T0013207	SSMHT0013074	SSMHT0013076	23	24	Point Repair at 3 ft from 13074	\$ 4,750	\$ 4,750	Point Repair
1720	13	SSMHT0013076-SSMHT0013077	B	SS.GM.T0004701	SSMHT0013076	SSMHT0013077	101	36	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1721	13	SSMHT0013077-SSMHT0005613	B	SS.GM.T0004996	SSMHT0013077	SSMHT0005613	220	36	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1722	13	SSMHT0013078-SSMHT0013074	B	SS.GM.T0013341	SSMHT0013078	SSMHT0013074	26	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1723	13	SSMHT0013080-SSMHT0005660	B	SS.GM.T0013210	SSMHT0013080	SSMHT0005660	27	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1724	13	SSMHT0013084-SSMHT0005612	B	SS.GM.T0013813	SSMHT0013084	SSMHT0005612	279	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1725	13	SSMHT0013091-SSMHT0004387	C	SS.GM.T0013267	SSMHT0013091	SSMHT0004387	231	10	Add to Root Removal Schedule	\$ 404	\$ -	Add to Root Removal Program in CMOM
1726	13	SSMHT0013094-SSMHT0003086	B	SS.GM.T0004679	SSMHT0013094	SSMHT0003086	332	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1727	13	SSMHT0013157-SSMHT0004513	B	SS.GM.T0013328	SSMHT0013157	SSMHT0004513	82	32	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1728	13	SSMHT0013158-SSMHT0013157	B	SS.GM.T0013352	SSMHT0013158	SSMHT0013157	10	32	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1729	13	SSMHT0013167-SSMHT0013166	B	SS.GM.T0013334	SSMHT0013167	SSMHT0013166	164	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1730	13	SSMHT0013170-SSMHT0001137	B	SS.GM.T0008084	SSMHT0013170	SSMHT0001137	242	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1731	13	SSMHT0013171-SSMHT0013580	B	SS.GM.T0013905	SSMHT0013171	SSMHT0013580	42	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1732	13	SSMHT0013172-SSMHT0004420	B	SS.GM.T0013336	SSMHT0013172	SSMHT0004420	34	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1733	13	SSMHT0013173-SSMHT0004420	B	SS.GM.T0013347	SSMHT0013173	SSMHT0004420	50	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1734	13	SSMHT0013174-SSMHT0013173	B	SS.GM.T0013348	SSMHT0013174	SSMHT0013173	18	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1735	13	SSMHT0013319-SSMHT0004984	D	SS.GM.T0013488	SSMHT0013319	SSMHT0004984	67	6	Burst to 8" - 1 svc	\$ 7,445	\$ 7,445	Pipe Burst or Replace
1736	13	SSMHT0013386-SSMHT0003282	D	SS.GM.T0006314	SSMHT0013386	SSMHT0003282	232	6	Point Repair at 205 ft from 13386	\$ 4,750	\$ 4,750	Point Repair
1737	13	SSMHT0013388-SSMHT0003276	D	SS.GM.T0013538	SSMHT0013388	SSMHT0003276	107	6	Access; Clean and Inspection	\$ 1,270	\$ 1,270	Access; Clean and Inspection
1738	13	SSMHT0013394-SSMHT0005018	B	SS.GM.T0013543	SSMHT0013394	SSMHT0005018	106	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1739	13	SSMHT0013395-SSMHT0005009	D	SS.GM.T0006180	SSMHT0013395	SSMHT0005009	319	6	Point Repair at 126 ft from 13395	\$ 4,750	\$ 4,750	Point Repair
1740	13	SSMHT0013396-SSMHT0013397	B	SS.GM.T0013545	SSMHT0013396	SSMHT0013397	22	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1741	13	SSMHT0013397-SSMHT0013394	B	SS.GM.T0009207	SSMHT0013397	SSMHT0013394	425	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1742	13	SSMHT0013398-SSMHT0013397	B	SS.GM.T0013542	SSMHT0013398	SSMHT0013397	11	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1743	13	SSMHT0013399-SSMHT0004975	B	SS.GM.T0013883	SSMHT0013399	SSMHT0004975	39	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1744	13	SSMHT0013410-SSMHT0005043	C	SS.GM.T0013556	SSMHT0013410	SSMHT0005043	461	8	Remove Roots and CIPP - 0 svc	\$ -	\$ -	Monitor in CMOM
1745	13	SSMHT0013526-SSMHT0013591	B	SS.GM.T0013849	SSMHT0013526	SSMHT0013591	92	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1746	13	SSMHT0013573-SSMHT0013526	B	SS.GM.T0006827	SSMHT0013573	SSMHT0013526	133	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1747	13	SSMHT0013580-SSMHT0013170	B	SS.GM.T0013350	SSMHT0013580	SSMHT0013170	147	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1748	13	SSMHT0013583-SSMHT0005056	B	SS.GM.T0013904	SSMHT0013583	SSMHT0005056	53	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1749	13	SSMHT0013590-SSMHT0014077	C	SS.GM.T0014206	SSMHT0013590	SSMHT0014077	234	10	Point Repair at 36 ft from 13590	\$ -	\$ -	Monitor in CMOM
1750	13	SSMHT0013591-SSMHT0003216	B	SS.GM.T0013898	SSMHT0013591	SSMHT0003216	14	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1751	13	SSMHT0013598-SSMHT0013075	B	SS.GM.T0014138	SSMHT0013598	SSMHT0013075	120	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1752	13	SSMHT0013599-SSMHT0004752	D	SS.GM.T0009011	SSMHT0013599	SSMHT0004752	100	10	Locate and Expose 13599; Clean and CCTV	\$ 2,350	\$ 2,350	Access; Clean and Inspection
1753	13	SSMHT0013600-SSMHT0003120	B	SS.GM.T0014226	SSMHT0013600	SSMHT0013601	19	24	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1754	13	SSMHT0013600-SSMHT0013601	B	SS.GM.T0014226	SSMHT0013601	SSMHT0003120	17	24	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1755	13	SSMHT0013625-SSMHT0004994	B	SS.GM.T0004200	SSMHT0013625	SSMHT0004994	153	18	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1756	13	SSMHT0013651-SSMHT0003269	B	SS.GM.T0013676	SSMHT0013651	SSMHT0003269	104	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1757	13	SSMHT0013693-SSMHT0005050	D	SS.GM.T0014196	SSMHT0013693	SSMHT0005050	323	6	Burst to 8" - 11 svc	\$ 46,680	\$ 46,680	Pipe Burst or Replace
1758	13	SSMHT0013694-SSMHT0013693	D	SS.GM.T0013711	SSMHT0013694	SSMHT0013693	169	4	Access; Clean and Inspection	\$ 1,890	\$ 1,890	Access; Clean and Inspection
1759	13	SSMHT0013815-SSMHT0004600	B	SS.GM.T0013847	SSMHT0013815	SSMHT0004600	161	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1760	13	SSMHT0013906-SSMHT0002785	C	SS.GM.T0008322	SSMHT0013906	SSMHT0002785	521	6	Point Repair at 32 ft from 02785	\$ -	\$ -	Monitor in CMOM
1761	13	SSMHT0013907-SSMHT0002971	D	SS.GM.T0013504	SSMHT0013907	SSMHT0002971	292	6	Burst to 8" - 2 svc	\$ 28,320	\$ 28,320	Pipe Burst or Replace
1762	13	SSMHT0013932-SSMHT0004548	C	SS.GM.T0013039	SSMHT0013932	SSMHT0004548	339	6	Point Repair at 334 ft from 04548	\$ -	\$ -	Monitor in CMOM
1763	13	SSMHT0013933-SSMHT0000763	B	SS.GM.T0013040	SSMHT0013933	SSMHT0000763	68	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1764	13	SSMHT0013934-SSMHT0000762	B	SS.GM.T0013041	SSMHT0013934	SSMHT0000762	85	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1765	13	SSMHT0013965-SSMHT0004714	C	SS.GM.T0014013	SSMHT0013965	SSMHT0004714	383	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1766	13	SSMHT0013971-SSMHT0003260	B	SS.GM.T0014016	SSMHT0013971	SSMHT0003260	428	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1767	13	SSMHT0013972-SSMHT0012943	B	SS.GM.T0013955	SSMHT0013972	SSMHT0012943	87	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1768	13	SSMHT0013997-SSMHT0013998	B	SS.GM.T0014053	SSMHT0013997	SSMHT0013998	81	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1769	13	SSMHT0013998-SSMHT0013035	B	SS.GM.T0014054	SSMHT0013998	SSMHT0013035	79	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1770	13	SSMHT0013999-SSMHT0003080	D	SS.GM.T0007863	SSMHT0013999	SSMHT0003080	282	8	Access; Clean and Inspection	\$ 3,019	\$ 3,019	Access; Clean and Inspection



Remedial Measure Description	Quantity	Remediation Plan
Access; Clean and Inspection (I.f.)	22,933	\$ 271,280
Pipe Burst or Replace (I.f.)	24,604	\$ 2,811,731
Point Repair (ea.)	570	\$ 2,707,250
Replace Mainline (I.f.)	816	\$ 163,200
Cured In Place Pipe Liner (I.f.)	1,595	\$ 126,125
Total Remedial Measures		\$ 6,079,586
Deferred for Capacity Analysis		\$ 145,200
Group 2 Mainline Remedial Measures		\$ 5,934,386

Group 2 - Mainline Condition Remedial Measures Summary - Basin 13

Item	Basin	Pipe Segment	Rating	City Pipe Asset ID	Upstream Manhole	Downstream Manhole	Pipe Length	Pipe Diameter	Preliminary Rehabilitation Recommendation	Repair Cost	Recommended	Remediation Plan
1771	13	SSMHT0014000-SSMHT0004845	B	SS.GM.T0014105	SSMHT0014000	SSMHT0004845	53	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1772	13	SSMHT0014001-SSMHT0003266	C	SS.GM.T0014103	SSMHT0014001	SSMHT0003266	588	6	Point Repair at 214 ft from 14001	\$ -	\$ -	Monitor in CMOM
1773	13	SSMHT0014002-SSMHT0003014	B	SS.GM.T0005498	SSMHT0014002	SSMHT0003014	233	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1774	13	SSMHT0014003-SSMHT0004486	B	SS.GM.T0004141	SSMHT0014003	SSMHT0004486	225	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1775	13	SSMHT0014004-SSMHT0012829	C	SS.GM.T0014108	SSMHT0014004	SSMHT0012829	41	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1776	13	SSMHT0014005-SSMHT0003245	B	SS.GM.T0014110	SSMHT0014005	SSMHT0003245	265	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1777	13	SSMHT0014006-SSMHT0004580	B	SS.GM.T0014114	SSMHT0014006	SSMHT0004580	160	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1778	13	SSMHT0014007-SSMHT0004426	B	SS.GM.T0014113	SSMHT0014007	SSMHT0004426	189	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1779	13	SSMHT0014008-SSMHT0010055	B	SS.GM.T0008075	SSMHT0014008	SSMHT0010055	305	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1780	13	SSMHT0014009-SSMHT0005109	C	SS.GM.T0005806	SSMHT0014009	SSMHT0005109	256	6	Point Repair at 213 ft from 05109	\$ -	\$ -	Monitor in CMOM
1781	13	SSMHT0014010-SSMHT0003249	B	SS.GM.T0014115	SSMHT0014010	SSMHT0003249	175	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1782	13	SSMHT0014011-SSMHT0004410	B	SS.GM.T0008082	SSMHT0014011	SSMHT0004410	443	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1783	13	SSMHT0014013-SSMHT0003121	C	SS.GM.T0014116	SSMHT0014013	SSMHT0003121	200	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1784	13	SSMHT0014014-SSMHT0000787	B	SS.GM.T0014128	SSMHT0014014	SSMHT0000787	327	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1785	13	SSMHT0014015-SSMHT0005624	D	SS.GM.T0007041	SSMHT0014015	SSMHT0005624	399	6	Access; Clean and Inspection	\$ 4,190	\$ 4,190	Access; Clean and Inspection
1786	13	SSMHT0014016-SSMHT0004612	B	SS.GM.T0014121	SSMHT0014016	SSMHT0004612	231	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1787	13	SSMHT0014017-SSMHT0013054	B	SS.GM.T0014122	SSMHT0014017	SSMHT0013054	154	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1788	13	SSMHT0014018-SSMHT0014017	B	SS.GM.T0014123	SSMHT0014018	SSMHT0014017	268	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1789	13	SSMHT0014019-SSMHT0014018	B	SS.GM.T0014124	SSMHT0014019	SSMHT0014018	238	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1790	13	SSMHT0014020-SSMHT0014019	B	SS.GM.T0014125	SSMHT0014020	SSMHT0014019	156	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1791	13	SSMHT0014021-SSMHT0012968	D	SS.GM.T0008452	SSMHT0014021	SSMHT0012968	413	6	Point Repair at 184 ft from 12968	\$ 4,750	\$ 4,750	Point Repair
1792	13	SSMHT0014023-SSMHT0004943	C	SS.GM.T0014133	SSMHT0014023	SSMHT0004943	171	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1793	13	SSMHT0014024-SSMHT0002783	B	SS.GM.T0014139	SSMHT0014024	SSMHT0002783	168	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1794	13	SSMHT0014025-SSMHT0004602	D	SS.GM.T0014140	SSMHT0014025	SSMHT0004602	105	6	Burst to 8" - 0 svc	\$ 8,925	\$ 8,925	Pipe Burst or Replace
1795	13	SSMHT0014026-SSMHT0005642	B	SS.GM.T0004994	SSMHT0014026	SSMHT0005642	417	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1796	13	SSMHT0014027-SSMHT0005089	B	SS.GM.T0014143	SSMHT0014027	SSMHT0005089	351	6	Assign to high frequency cleaning - tuberculation	\$ 527	\$ -	Add to High Frequency Cleaning in CMOM
1797	13	SSMHT0014028-SSMHT0005054	B	SS.GM.T0014142	SSMHT0014028	SSMHT0005054	14	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1798	13	SSMHT0014030-SSMHT0003288	B	SS.GM.T0014144	SSMHT0014030	SSMHT0003288	21	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1799	13	SSMHT0014031-SSMHT0005022	C	SS.GM.T0014145	SSMHT0014031	SSMHT0005022	90	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1800	13	SSMHT0014032-SSMHT0005851	B	SS.GM.T0014148	SSMHT0014032	SSMHT0005851	236	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1801	13	SSMHT0014033-SSMHT0003302	C	SS.GM.T0014159	SSMHT0014033	SSMHT0003302	177	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1802	13	SSMHT0014034-SSMHT0004918	B	SS.GM.T0014149	SSMHT0014034	SSMHT0004918	16	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1803	13	SSMHT0014036-SSMHT0004992	D	SS.GM.T0014153	SSMHT0014036	SSMHT0004992	413	6	Burst to 8" - 7 svc	\$ 47,355	\$ 47,355	Pipe Burst or Replace
1804	13	SSMHT0014037-SSMHT0004991	C	SS.GM.T0014152	SSMHT0014037	SSMHT0004991	179	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1805	13	SSMHT0014038-SSMHT0014039	B	SS.GM.T0014150	SSMHT0014038	SSMHT0014039	213	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1806	13	SSMHT0014039-SSMHT0012817	B	SS.GM.T0014151	SSMHT0014039	SSMHT0012817	21	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1807	13	SSMHT0014040-SSMHT0003257	D	SS.GM.T0014172	SSMHT0014040	SSMHT0003257	702	6	Point Repairs at 240, 335, 368, 513, 523, 576, 653 and 700 ft from 14040	\$ 38,000	\$ 38,000	Point Repair/Pipe Burst/Replace
1808	13	SSMHT0014041-SSMHT0004738	C	SS.GM.T0014171	SSMHT0014041	SSMHT0003254	617	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1809	13	SSMHT0014042-SSMHT0003274	D	SS.GM.T0014187	SSMHT0014042	SSMHT0003274	199	6	Point Repairs at 13 ft from 14042 & 63 ft from 03274	\$ 9,500	\$ 9,500	Point Repair
1810	13	SSMHT0014043-SSMHT0014005	B	SS.GM.T0009095	SSMHT0014043	SSMHT0014005	531	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1811	13	SSMHT0014044-SSMHT0003222	B	SS.GM.T0014161	SSMHT0014044	SSMHT0003222	103	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1812	13	SSMHT0014045-SSMHT0012842	B	SS.GM.T0005849	SSMHT0014045	SSMHT0012842	108	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1813	13	SSMHT0014046-SSMHT0012847	C	SS.GM.T0014163	SSMHT0014046	SSMHT0012847	88	6	Point Repairs at 76 ft from 14046	\$ -	\$ -	Monitor in CMOM
1814	13	SSMHT0014050-SSMHT0009452	B	SS.GM.T0014170	SSMHT0014050	SSMHT0009452	81	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1815	13	SSMHT0014051-SSMHT0014050	B	SS.GM.T0014165	SSMHT0014051	SSMHT0014050	100	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1816	13	SSMHT0014052-SSMHT0014051	B	SS.GM.T0014164	SSMHT0014052	SSMHT0014051	75	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1817	13	SSMHT0014053-SSMHT0004943	B	SS.GM.T0014166	SSMHT0014053	SSMHT0004943	234	6	Assign to high frequency cleaning - tuberculation	\$ 350	\$ -	Add to High Frequency Cleaning in CMOM
1818	13	SSMHT0014054-SSMHT0004770	C	SS.GM.T0006249	SSMHT0014054	SSMHT0004770	605	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1819	13	SSMHT0014055-SSMHT0014054	B	SS.GM.T0014168	SSMHT0014055	SSMHT0014054	108	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1820	13	SSMHT0014056-SSMHT0014055	B	SS.GM.T0014167	SSMHT0014056	SSMHT0014055	192	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1821	13	SSMHT0014057-SSMHT0004820	B	SS.GM.T0014173	SSMHT0014057	SSMHT0004820	94	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1822	13	SSMHT0014058-SSMHT0004573	B	SS.GM.T0014174	SSMHT0014058	SSMHT0004573	16	24	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1823	13	SSMHT0014059-SSMHT0004772	B	SS.GM.T0014176	SSMHT0014059	SSMHT0004772	99	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1824	13	SSMHT0014060-SSMHT0004772	B	SS.GM.T0014175	SSMHT0014060	SSMHT0004772	95	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1825	13	SSMHT0014061-SSMHT0004781	D	SS.GM.T0014186	SSMHT0014061	SSMHT0004781	494	6	Burst to 8" - 16 svc	\$ 69,956	\$ 69,956	Pipe Burst or Replace
1826	13	SSMHT0014062-SSMHT0005056	B	SS.GM.T0004769	SSMHT0014062	SSMHT0005056	137	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1827	13	SSMHT0014063-SSMHT0004791	D	SS.GM.T0014180	SSMHT0014063	SSMHT0004791	663	6	Point Repairs at 218 ft from 14063	\$ 4,750	\$ 4,750	Point Repair
1828	13	SSMHT0014065-SSMHT0004759	D	SS.GM.T0014191	SSMHT0014065	SSMHT0004759	763	8	Point Repairs at 510 ft from 14065 and 92 ft from 04759	\$ 9,500	\$ 9,500	Point Repair
1829	13	SSMHT0014066-SSMHT0012834	D	SS.GM.T0014181	SSMHT0014066	SSMHT0012834	116	6	Burst to 8" - 0 svc	\$ 9,818	\$ 9,818	Pipe Burst or Replace



Remedial Measure Description	Quantity	Remediation Plan
Access; Clean and Inspection (I.f.)	22,933	\$ 271,280
Pipe Burst or Replace (I.f.)	24,604	\$ 2,811,731
Point Repair (ea.)	570	\$ 2,707,250
Replace Mainline (I.f.)	816	\$ 163,200
Cured In Place Pipe Liner (I.f.)	1,595	\$ 126,125
Total Remedial Measures		\$ 6,079,586
Deferred for Capacity Analysis		\$ 145,200
Group 2 Mainline Remedial Measures		\$ 5,934,386

Group 2 - Mainline Condition Remedial Measures Summary - Basin 13

Item	Basin	Pipe Segment	Rating	City Pipe Asset ID	Upstream Manhole	Downstream Manhole	Pipe Length	Pipe Diameter	Preliminary Rehabilitation Recommendation	Repair Cost	Recommended	Remediation Plan
1830	13	SSMHT0014166-SSMHT0004854	C	SS.GM.T0014233	SSMHT0014066	SSMHT0004854	247	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1831	13	SSMHT0014067-SSMHT0004761	D	SS.GM.T0014192	SSMHT0014067	SSMHT0004761	244	6	Burst to 8" - 2 svc	\$ 24,240	\$ 24,240	Pipe Burst or Replace
1832	13	SSMHT0014068-SSMHT0005003	C	SS.GM.T0014195	SSMHT0014068	SSMHT0005003	86	6	Point Repair at 69 ft from 05083	\$ -	\$ -	Monitor in CMOM
1833	13	SSMHT0014069-SSMHT0004898	B	SS.GM.T0014193	SSMHT0014069	SSMHT0004898	18	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1834	13	SSMHT0014070-SSMHT0000780	B	SS.GM.T0009174	SSMHT0014070	SSMHT0000780	9	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1835	13	SSMHT0014071-SSMHT0003195	D	SS.GM.T0014218	SSMHT0014071	SSMHT0003195	123	6	Point Repairs at 25, 41 and 120 ft from 03195	\$ 14,250	\$ 14,250	Point Repair
1836	13	SSMHT0014072-SSMHT0014071	B	SS.GM.T0014218	SSMHT0014072	SSMHT0014071	40	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1837	13	SSMHT0014073-SSMHT0004897	B	SS.GM.T0014208	SSMHT0014073	SSMHT0004897	82	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1838	13	SSMHT0014074-SSMHT0004896	B	SS.GM.T0014209	SSMHT0014074	SSMHT0004896	23	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1839	13	SSMHT0014075-SSMHT0014076	C	SS.GM.T0014211	SSMHT0014075	SSMHT0014076	162	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1840	13	SSMHT0014076-SSMHT0005844	C	SS.GM.T0014212	SSMHT0014076	SSMHT0005844	210	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1841	13	SSMHT0014077-SSMHT0003208	D	SS.GM.T0009017	SSMHT0014077	SSMHT0003208	174	10	CIPP - 0 svc	\$ 13,050	\$ 13,050	Cured In Place Pipe Liner
1842	13	SSMHT0014078-SSMHT0005099	C	SS.GM.T0014213	SSMHT0014078	SSMHT0005099	356	12	Add to Root Removal Schedule	\$ 622	\$ -	Add to Root Removal Program in CMOM
1843	13	SSMHT0014079-SSMHT0005083	C	SS.GM.T0014216	SSMHT0014079	SSMHT0005083	391	8	Point Repair at 95 ft from 14079	\$ -	\$ -	Monitor in CMOM
1844	13	SSMHT0014080-SSMHT0014078	B	SS.GM.T0014220	SSMHT0014080	SSMHT0014078	156	10	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1845	13	SSMHT0014081-SSMHT0005653	B	SS.GM.T0014217	SSMHT0014081	SSMHT0005653	377	36	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1846	13	SSMHT0014082-SSMHT0004730	D	SS.GM.T0014215	SSMHT0014082	SSMHT0004730	126	8	Point Repairs at 84 and 92 ft from 04730	\$ 9,500	\$ 9,500	Point Repair
1847	13	SSMHT0014083-SSMHT0004504	B	SS.GM.T0014221	SSMHT0014083	SSMHT0004504	206	42	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1848	13	SSMHT0014084-SSMHT0004952	B	SS.GM.T0014229	SSMHT0014084	SSMHT0004952	13	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1849	13	SSMHT0014085-SSMHT0004997	B	SS.GM.T0014239	SSMHT0014085	SSMHT0004997	18	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1850	13	SSMHT0014086-SSMHT0013078	B	SS.GM.T0013342	SSMHT0014086	SSMHT0013078	137	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1851	13	SSMHT0014087-SSMHT0014086	B	SS.GM.T0014231	SSMHT0014087	SSMHT0014086	197	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1852	13	SSMHT0014088-SSMHT0014089	B	SS.GM.T0014237	SSMHT0014088	SSMHT0014089	79	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1853	13	SSMHT0014089-SSMHT0012840	C	SS.GM.T0014238	SSMHT0014089	SSMHT0012840	172	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1854	13	SSMHT0014090-SSMHT0014088	B	SS.GM.T0014236	SSMHT0014090	SSMHT0014088	102	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1855	13	SSMHT0014091-SSMHT0014090	B	SS.GM.T0014235	SSMHT0014091	SSMHT0014090	29	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1856	13	SSMHT0014092-SSMHT0014091	B	SS.GM.T0014234	SSMHT0014092	SSMHT0014091	8	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1857	13	SSMHT0014093-SSMHT0014087	B	SS.GM.T0014232	SSMHT0014093	SSMHT0014087	162	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1858	13	SSMHT0014101-SSMHT0000390	D	SS.GM.T0005796	SSMHT0014101	SSMHT0000390	178	6	Point Repair at 6 ft from 00390	\$ 4,750	\$ 4,750	Point Repair
1859	13	SSMHT0014129-SSMHT0000760	B	SS.GM.T0003945	SSMHT0014129	SSMHT0000760	135	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1860	13	SSMHT0014130-SSMHT0000761	B	SS.GM.T0014101	SSMHT0014130	SSMHT0000761	187	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1861	13	SSMHT0014156-SSMHT0005064	C	SS.GM.T0006475	SSMHT0014156	SSMHT0005064	417	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1862	13	SSMHT0014169-SSMHT0004782	B	SS.GM.T0010548	SSMHT0014169	SSMHT0004782	25	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1863	13	SSMHT0014171-SSMHT0005076	B	SS.GM.T0009990	SSMHT0014171	SSMHT0005076	144	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1864	13	SSMHT0014204-SSMHT0014062	B	SS.GM.T0004771	SSMHT0014204	SSMHT0014062	202	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1865	13	SSMHT0014206-SSMHT0002789	C	SS.GM.T0004164	SSMHT0014206	SSMHT0002789	484	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1866	13	SSMHT0014286-SSMHT0004567	D	SS.GM.T0006505	SSMHT0014286	SSMHT0004567	346	6	Point Repair at 64 ft from 03074	\$ 4,750	\$ 4,750	Point Repair
1867	13	SS.MH.T0014291-SSMHT0014031	D	SS.GM.T0014259	SSMHT0014291	SSMHT0014031	139	6	Clean and CCTV	\$ 1,390	\$ 1,390	Access; Clean and Inspection
1868	13	SSMHT0014292-SSMHT0005060	B	SS.GM.T0004773	SSMHT0014292	SSMHT0005060	261	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1869	13	x-SSMHT0013032	D	SS.GM.T0013249	UNKNOWN	SSMHT0013032	62	6	Access; Clean and Inspection	\$ 823	\$ 823	Access; Clean and Inspection
1870	13	x-SSMHT0003111	D	SS.GM.T0007962	x	SSMHT0003111	346	6	Point Repair at 244 ft from 03111*	\$ 4,750	\$ 4,750	Point Repair
1871	13	x-SSMHT0004723	D	SS.GM.T0009382	x	SSMHT0004723	261	6	Construct Cleanout at End Of Line	\$ 4,750	\$ 4,750	Point Repair
1872	13	EOLS-SSMHT0004412	D	SS.GM.T0013059	x	SSMHT0004412	131	6	Access; Clean and Inspection	\$ 1,510	\$ 1,510	Access; Clean and Inspection
1873	13	x-SSMHT0004416	A	SS.GM.T0013060	x	SSMHT0004416	134	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1874	13	x-SSMHT0013031	B	SS.GM.T0013250	x	SSMHT0013031	27	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1875	13	x-SSMHT0013031	B	SS.GM.T0013251	x	SSMHT0013031	19	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1876	13	x-SSMHT0003214	C	SS.GM.T0013489	x	SSMHT0003214	30	6	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1877	13	x-SSMHT0013396	B	SS.GM.T0013546	x	SSMHT0013396	25	8	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
1878	13	x-SSMHT0013396	B	SS.GM.T0013547	x	SSMHT0013396	29	12	No Rehabilitation Recommended	\$ -	\$ -	Monitor in CMOM
Total Construction Cost Estimate										\$ 6,115,643	\$ 6,079,586	
*Defer to Capacity Remedial Measures											\$ 145,200	
Total Remedial Measures Construction Estimate											\$ 5,934,386	