



## Mainline Remediation Plan

| Remedial Measure Description        | Quantity | Remediation Plan |
|-------------------------------------|----------|------------------|
| Access; Clean and Inspection (l.f.) | 23,344   | \$ 248,528       |
| Monitor in CMOM (l.f.)              | 189,044  | \$ -             |
| Pipe Burst or Replace (l.f.)        | 35,752   | \$ 3,550,065     |
| Point Repair (ea.)                  | 280      | \$ 1,295,555     |
| Replace Mainline (l.f.)             | 4,583    | \$ 905,950       |
| Cured In Place Pipe Liner (l.f.)    | 5,787    | \$ 409,550       |
|                                     |          | \$ 6,409,648     |

| Item | Basin | Pipe Segment              | Rating | City Pipe Asset ID | Pipe Length | Pipe Diameter | Rehabilitation Recommendation                 | Repair Cost | Recommended | Remediation Plan             |
|------|-------|---------------------------|--------|--------------------|-------------|---------------|-----------------------------------------------|-------------|-------------|------------------------------|
| 1    | 8     | SSMHT0000366-SSMHT0001132 | C      | SS.GM.T0006560     | 46          | 6             | No Rehabilitation Recommended                 | \$ -        | \$ -        | Monitor in CMOM              |
| 2    | 15    | SSMHT0000373-SSMHT0001249 | D      |                    | 162         | 6             | Burst to 8" - 4 svc                           | \$ 19,675   | \$ 19,675   | Pipe Burst or Replace        |
| 3    | 15    | SSMHT0000374-SSMHT0004522 | C      | SS.GM.T0008498     | 66          | 6             | No Rehabilitation Recommended                 | \$ -        | \$ -        | Monitor in CMOM              |
| 4    | 15    | SSMHT0000375-SSMHT0003005 | C      |                    | 8           | 18            | No Rehabilitation Recommended                 | \$ -        | \$ -        | Monitor in CMOM              |
| 5    | 15    | SSMHT0000376-SSMHT0002942 | C      | SS.GM.T0008490     | 302         | 6             | No Rehabilitation Recommended                 | \$ -        | \$ -        | Monitor in CMOM              |
| 6    | 15    | SSMHT0000377-SSMHT0002943 | C      | SS.GM.T0006880     | 174         | 6             | No Rehabilitation Recommended                 | \$ -        | \$ -        | Monitor in CMOM              |
| 7    | 15    | SSMHT0000379-SSMHT0002947 | C      | SS.GM.T0004882     | 189         | 8             | No Rehabilitation Recommended                 | \$ -        | \$ -        | Monitor in CMOM              |
| 8    | 15    | SSMHT0000380-SSMHT0002948 | C      | SS.GM.T0006875     | 137         | 6             | No Rehabilitation Recommended                 | \$ -        | \$ -        | Monitor in CMOM              |
| 9    | 15    | SSMHT0000381-SSMHT0000379 | D      | SS.GM.T0004887     | 140         | 6             | Point Repair at 87 ft from 00379              | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 10   | 15    | SSMHT0000382-SSMHT0003034 | C      | SS.GM.T0005186     | 26          | 6             | No Rehabilitation Recommended                 | \$ -        | \$ -        | Monitor in CMOM              |
| 11   | 15    | SSMHT0000383-SSMHT0000382 | D      | SS.GM.T0005188     | 176         | 6             | Point Repair at 21 ft from 00382              | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 12   | 15    | SSMHT0000383-SSMHT0004559 | C      | SS.GM.T0008487     | 187         | 6             | No Rehabilitation Recommended                 | \$ -        | \$ -        | Monitor in CMOM              |
| 13   | 15    | SSMHT0000384-SSMHT0002956 | C      | SS.GM.T0005185     | 207         | 8             | CIPP - 6 svc                                  | \$ 11,080   | \$ -        | Monitor in CMOM              |
| 14   | 15    | SSMHT0000385-SSMHT0002963 | C      | SS.GM.T0004880     | 7           | 8             | CIPP - 0 svc                                  | \$ 598      | \$ -        | Monitor in CMOM              |
| 15   | 15    | SSMHT0000386-SSMHT0001255 | C      | SS.GM.T0005354     | 112         | 6             | No Rehabilitation Recommended                 | \$ -        | \$ -        | Monitor in CMOM              |
| 16   | 15    | SSMHT0000387-SSMHT0000388 | D      | SS.GM.T0006894     | 58          | 6             | Pipe Burst to 8" - 1 svc                      | \$ 6,100    | \$ 6,100    | Pipe Burst or Replace        |
| 17   | 15    | SSMHT0000388-SSMHT0000896 | C      | SS.GM.T0009730     | 122         | 6             | Pipe Burst to 8" - 5 svc                      | \$ 17,975   | \$ -        | Monitor in CMOM              |
| 18   | 15    | SSMHT0000389-SSMHT0002988 | C      | SS.GM.T0005258     | 253         | 6             | No Rehabilitation Recommended                 | \$ -        | \$ -        | Monitor in CMOM              |
| 19   | 8     | SSMHT0000409-SSMHT0012830 | D      | SS.GM.T0000398     | 247         | 8             | Access; Clean and CCTV                        | \$ 1,976    | \$ 1,976    | Access; Clean and Inspection |
| 20   | 8     | SSMHT0000727-SSMHT0000409 | D      | SS.GM.T0000397     | 768         | 8             | Access; Clean and CCTV                        | \$ 1,976    | \$ 1,976    | Access; Clean and Inspection |
| 21   | 15    | SSMHT0000764-SSMHT0000765 | D      | SS.GM.T0005446     | 435         | 6             | Burst to 8" - 4 svc                           | \$ 39,625   | \$ 39,625   | Pipe Burst or Replace        |
| 22   | 15    | SSMHT0000765-SSMHT0012998 | D      | SS.GM.T0005445     | 237         | 6             | Point Repair at 205 ft from 00765             | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 23   | 15    | SSMHT0000766-SSMHT0002990 | C      | SS.GM.T0005450     | 106         | 6             | No Rehabilitation Recommended                 | \$ -        | \$ -        | Monitor in CMOM              |
| 24   | 15    | SSMHT0000767-SSMHT0002993 | C      | SS.GM.T0003930     | 88          | 6             | No Rehabilitation Recommended                 | \$ -        | \$ -        | Monitor in CMOM              |
| 25   | 15    | SSMHT0000768-SSMHT0004562 | C      | SS.GM.T0008436     | 186         | 6             | No Rehabilitation Recommended                 | \$ -        | \$ -        | Monitor in CMOM              |
| 26   | 15    | SSMHT0000769-SSMHT0003005 | D      | SS.GM.T0008439     | 336         | 12            | Access; Clean and CCTV                        | \$ 2,470    | \$ 2,470    | Access; Clean and Inspection |
| 27   | 15    | SSMHT0000770-SSMHT0002966 | C      | SS.GM.T0005433     | 193         | 12            | CIPP - 3 svc                                  | \$ 15,125   | \$ -        | Monitor in CMOM              |
| 28   | 15    | SSMHT0000887-SSMHT0000888 | C      | SS.GM.T0009708     | 122         | 12            | Sectional Liner at 69 ft from 00887           | \$ 7,000    | \$ -        | Monitor in CMOM              |
| 29   | 15    | SSMHT0000888-SSMHT0003055 | C      | SS.GM.T0009709     | 158         | 12            | No Rehabilitation Recommended                 | \$ -        | \$ -        | Monitor in CMOM              |
| 30   | 15    | SSMHT0000895-SSMHT0004554 | D      | SS.GM.T0009817     | 230         | 6             | Point Repair at 105,122 and 220 ft from 04554 | \$ 14,250   | \$ 14,250   | Point Repair                 |
| 31   | 15    | SSMHT0000896-SSMHT0004555 | C      | SS.GM.T0009731     | 39          | 6             | No Rehabilitation Recommended                 | \$ -        | \$ -        | Monitor in CMOM              |
| 32   | 8     | SSMHT0000898-SSMHT0000899 | C      | SS.GM.T0007371     | 362         | 6             | Burst to 8" - 6 svc                           | \$ 37,425   | \$ -        | Monitor in CMOM              |
| 33   | 8     | SSMHT0000899-SSMHT0000900 | C      | SS.GM.T0007370     | 167         | 8             | No Rehabilitation Recommended                 | \$ -        | \$ -        | Monitor in CMOM              |
| 34   | 8     | SSMHT0000900-SSMHT0001733 | D      | SS.GM.T0007379     | 163         | 8             | Burst to 8" - 0 svc                           | \$ 12,225   | \$ 12,225   | Pipe Burst or Replace        |
| 35   | 8     | SSMHT0000941-SSMHT0001811 | D      | SS.GM.T0006733     | 586         | 8             | Access; Clean and CCTV                        | \$ 4,688    | \$ 4,688    | Access; Clean and Inspection |
| 36   | 8     | SSMHT0001017-SSMHT0001129 | C      | SS.GM.T0007893     | 219         | 6             | No Rehabilitation Recommended                 | \$ -        | \$ -        | Monitor in CMOM              |
| 37   | 8     | SSMHT0001018-SSMHT0001739 | C      | SS.GM.T0007376     | 89          | 8             | CIPP - 2 svc                                  | \$ 6,990    | \$ -        | Monitor in CMOM              |
| 38   | 15    | SSMHT0001020-SSMHT0001021 | C      | SS.GM.T0005439     | 214         | 6             | No Rehabilitation Recommended                 | \$ -        | \$ -        | Monitor in CMOM              |
| 39   | 15    | SSMHT0001021-SSMHT0001022 | D      | SS.GM.T0007481     | 58          | 6             | Point Repair at 5 ft from 01021               | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 40   | 8     | SSMHT0001022-SSMHT0000767 | C      |                    | 213         | 6             | No Rehabilitation Recommended                 | \$ -        | \$ -        | Monitor in CMOM              |
| 41   | 8     | SSMHT0001028-SSMHT0001033 | C      | SS.GM.T0005641     | 236         | 6             | No Rehabilitation Recommended                 | \$ -        | \$ -        | Monitor in CMOM              |
| 42   | 8     | SSMHT0001029-SSMHT0001028 | C      | SS.GM.T0005642     | 318         | 6             | Place on High Frequency Cleaning List         | \$ -        | \$ -        | Monitor in CMOM              |
| 43   | 8     | SSMHT0001030-SSMHT0001031 | C      | SS.GM.T0005631     | 277         | 6             | No Rehabilitation Recommended                 | \$ -        | \$ -        | Monitor in CMOM              |
| 44   | 8     | SSMHT0001031-SSMHT0001032 | C      | SS.GM.T0005632     | 310         | 6             | Point Repair 5 ft from 01032                  | \$ 4,750    | \$ -        | Monitor in CMOM              |



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|                                     |          | \$ 6,409,648     |

| Item | Basin | Pipe Segment              | Rating | City Pipe Asset ID | Pipe Length | Pipe Diameter | Rehabilitation Recommendation                                                   | Repair Cost | Recommended | Remediation Plan             |
|------|-------|---------------------------|--------|--------------------|-------------|---------------|---------------------------------------------------------------------------------|-------------|-------------|------------------------------|
| 45   | 8     | SSMHT0001032-SSMHT0002680 | C      | SS.GM.T0005623     | 182         | 6             | Point Repair 149 ft from 01032                                                  | \$ 4,750    | \$ -        | Monitor in CMOM              |
| 46   | 8     | SSMHT0001033-SSMHT0001034 | C      | SS.GM.T0006646     | 230         | 6             | Place on Root Removal Schedule                                                  | \$ -        | \$ -        | Monitor in CMOM              |
| 47   | 8     | SSMHT0001034-SSMHT0001035 | C      | SS.GM.T0006647     | 377         | 8             | No Rehabilitation Recommended                                                   | \$ -        | \$ -        | Monitor in CMOM              |
| 48   | 8     | SSMHT0001035-SSMHT0013005 | D      | SS.GM.T0007630     | 572         | 24            | Access; Clean and CCTV                                                          | \$ 9,152    | \$ 9,152    | Access; Clean and Inspection |
| 49   | 8     | SSMHT0001036-SSMHT0001035 | D      | SS.GM.T0006645     | 530         | 21            | Access; Clean and CCTV                                                          | \$ 7,950    | \$ 7,950    | Access; Clean and Inspection |
| 50   | 8     | SSMHT0001037-SSMHT0001036 | D      | SS.GM.T0006644     | 562         | 21            | Access; Clean and CCTV                                                          | \$ 8,430    | \$ 8,430    | Access; Clean and Inspection |
| 51   | 8     | SSMHT0001038-SSMHT0001037 | D      | SS.GM.T0006643     | 755         | 21            | Access; Clean and CCTV                                                          | \$ 11,325   | \$ 11,325   | Access; Clean and Inspection |
| 52   | 8     | SSMHT0001039-SSMHT0002681 | D      | SS.GM.T0007575     | 64          | 10            | Access; Clean and CCTV                                                          | \$ 512      | \$ 512      | Access; Clean and Inspection |
| 53   | 8     | SSMHT0001040-SSMHT0002680 | C      | SS.GM.T0005644     | 199         | 12            | CIPP - 1 SVC                                                                    | \$ 12,935   | \$ -        | Monitor in CMOM              |
| 54   | 8     | SSMHT0001041-SSMHT0001042 | D      | SS.GM.T0007628     | 400         | 15            | Root Removal;CIPP - 0 svc                                                       | \$ 41,303   | \$ 41,303   | Cured In Place Pipe Liner    |
| 55   | 8     | SSMHT0001042-SSMHT0013043 | D      | SS.GM.T0013185     | 18          | 21            | Point Repair 5 ft from SSMHT0001042                                             | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 56   | 8     | SSMHT0001043-SSMHT0001899 | C      | SS.GM.T0005621     | 106         | 6             | CIPP - 2 svc                                                                    | \$ 5,426    | \$ -        | Monitor in CMOM              |
| 57   | 8     | SSMHT0001069-SSMHT0001970 | C      | SS.GM.T0006649     | 181         | 8             | No Rehabilitation Recommended                                                   | \$ -        | \$ -        | Monitor in CMOM              |
| 58   | 8     | SSMHT0001070-SSMHT0001069 | C      | SS.GM.T0007610     | 332         | 6             | Add to Root Removal Schedule                                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 59   | 8     | SSMHT0001071-SSMHT0001070 | C      | SS.GM.T0007611     | 359         | 6             | No Rehabilitation Recommended                                                   | \$ -        | \$ -        | Monitor in CMOM              |
| 60   | 8     | SSMHT0001072-SSMHT0001071 | C      | SS.GM.T0007612     | 287         | 6             | No Rehabilitation Recommended                                                   | \$ -        | \$ -        | Monitor in CMOM              |
| 61   | 8     | SSMHT0001073-SSMHT0001072 | C      | SS.GM.T0007613     | 365         | 6             | No Rehabilitation Recommended                                                   | \$ -        | \$ -        | Monitor in CMOM              |
| 62   | 8     | SSMHT0001076-SSMHT0001077 | D      |                    | 188         | 24            | Access; Clean and CCTV                                                          | \$ 8,480    | \$ 8,480    | Access; Clean and Inspection |
| 63   | 8     | SSMHT0001079-SSMHT0001081 | D      | SS.GM.T0006665     | 308         | 6             | Access; Clean and CCTV                                                          | \$ 2,464    | \$ 2,464    | Access; Clean and Inspection |
| 64   | 8     | SSMHT0001080-SSMHT0001079 | C      | SS.GM.T0007978     | 290         | 6             | No Rehabilitation Recommended                                                   | \$ -        | \$ -        | Monitor in CMOM              |
| 65   | 8     | SSMHT0001081-SSMHT0001082 | D      | SS.GM.T0007615     | 470         | 6             | Access; Clean and CCTV                                                          | \$ 3,760    | \$ 3,760    | Access; Clean and Inspection |
| 66   | 8     | SSMHT0001082-SSMHT0001084 | D      | SS.GM.T0007616     | 116         | 10            | Access; Clean and CCTV                                                          | \$ 1,044    | \$ 1,044    | Access; Clean and Inspection |
| 67   | 8     | SSMHT0001083-SSMHT0001082 | D      | SS.GM.T0006564     | 52          | 6             | Access; Clean and CCTV                                                          | \$ 416      | \$ 416      | Access; Clean and Inspection |
| 68   | 8     | SSMHT0001084-SSMHT0013042 | D      | SS.GM.T0007617     | 116         | 12            | Access; Clean and CCTV                                                          | \$ 1,160    | \$ 1,160    | Access; Clean and Inspection |
| 69   | 8     | SSMHT0001085-SSMHT0001130 | D      | SS.GM.T0006662     | 187         | 12            | Access; Clean and CCTV                                                          | \$ 1,870    | \$ 1,870    | Access; Clean and Inspection |
| 70   | 8     | SSMHT0001086-SSMHT0013042 | C      | SS.GM.T0007619     | 351         | 8             | No Rehabilitation Recommended                                                   | \$ -        | \$ -        | Monitor in CMOM              |
| 71   | 8     | SSMHT0001087-SSMHT0001084 | C      | SS.GM.T0006663     | 551         | 6             | Place on Root Removal Schedule                                                  | \$ -        | \$ -        | Monitor in CMOM              |
| 72   | 8     | SSMHT0001088-SSMHT0001086 | C      | SS.GM.T0007620     | 284         | 8             | No Rehabilitation Recommended                                                   | \$ -        | \$ -        | Monitor in CMOM              |
| 73   | 8     | SSMHT0001089-SSMHT0020038 | C      |                    | 201         | 6             | No Rehabilitation Recommended                                                   | \$ -        | \$ -        | Monitor in CMOM              |
| 74   | 8     | SSMHT0001092-SSMHT0020009 | C      |                    | 874         | 8             | No Rehabilitation Recommended                                                   | \$ -        | \$ -        | Monitor in CMOM              |
| 75   | 8     | SSMHT0001099-SSMHT0012999 | C      | SS.GM.T0006537     | 71          | 6             | Add to Root Removal Schedule                                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 76   | 8     | SSMHT0013637-SSMHT0001100 | C      |                    | 327         | 6             | No Rehabilitation Recommended                                                   | \$ -        | \$ -        | Monitor in CMOM              |
| 77   | 8     | SSMHT0001126-SSMHT0001132 | C      | SS.GM.T0006559     | 191         | 6             | No Rehabilitation Recommended                                                   | \$ -        | \$ -        | Monitor in CMOM              |
| 78   | 8     | SSMHT0001127-SSMHT0001126 | C      | SS.GM.T0006558     | 386         | 6             | No Rehabilitation Recommended                                                   | \$ -        | \$ -        | Monitor in CMOM              |
| 79   | 8     | SSMHT0001128-SSMHT0001127 | C      | SS.GM.T0007670     | 119         | 6             | No Rehabilitation Recommended                                                   | \$ -        | \$ -        | Monitor in CMOM              |
| 80   | 8     | SSMHT0001129-SSMHT0001128 | C      | SS.GM.T0007671     | 242         | 6             | No Rehabilitation Recommended                                                   | \$ -        | \$ -        | Monitor in CMOM              |
| 81   | 8     | SSMHT0001130-SSMHT0001131 | D      | SS.GM.T0006661     | 232         | 12            | Access; Clean and CCTV                                                          | \$ 2,320    | \$ 2,320    | Access; Clean and Inspection |
| 82   | 8     | SSMHT0001131-SSMHT0001976 | D      | SS.GM.T0006660     | 120         | 12            | Access; Clean and CCTV                                                          | \$ 1,200    | \$ 1,200    | Access; Clean and Inspection |
| 83   | 8     | SSMHT0001132-SSMHT0001088 | C      | SS.GM.T0007672     | 68          | 6             | No Rehabilitation Recommended                                                   | \$ -        | \$ -        | Monitor in CMOM              |
| 84   | 8     | SSMHT0001133-SSMHT0000366 | C      | SS.GM.T0006561     | 405         | 6             | No Rehabilitation Recommended                                                   | \$ -        | \$ -        | Monitor in CMOM              |
| 85   | 15    | SSMHT0001134-SSMHT0001251 | D      | SS.GM.T0007005     | 232         | 6             | Clean and CCTV from 01134                                                       | \$ 1,856    | \$ 1,856    | Access; Clean and Inspection |
| 86   | 8     | SSMHT0001200-SSMHT0002031 | C      | SS.GM.T0006777     | 287         | 6             | No Rehabilitation Recommended                                                   | \$ -        | \$ -        | Monitor in CMOM              |
| 87   | 15    | SSMHT0001249-SSMHT0004523 | D      | SS.GM.T0003939     | 450         | 6             | Point Repair at 18 and 123 ft from 01249; Point Repair at 17 and 110 from 04523 | \$ 19,000   | \$ 19,000   | Point Repair                 |
| 88   | 15    | SSMHT0001250-SSMHT0004525 | C      | SS.GM.T0007004     | 86          | 8             | No Rehabilitation Recommended                                                   | \$ -        | \$ -        | Monitor in CMOM              |

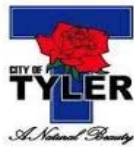


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| 89   | 15    | SSMHT0001251-SSMHT0013148 | D      | SS.GM.T0013315     | 248         | 6             | Expose 01251; Clean and CCTV                                        | \$ 2,484    | \$ 2,484    | Access; Clean and Inspection |
| 90   | 15    | SSMHT0001252-SSMHT0012786 | C      | SS.GM.T0005057     | 141         | 10            | No Rehabilitation Recommended                                       | \$ -        | \$ -        | Monitor in CMOM              |
| 91   | 15    | SSMHT0001253-SSMHT0003006 | D      | SS.GM.T0008438     | 295         | 12            | Point Repair at 181 ft from 01253                                   | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 92   | 15    | SSMHT0001254-SSMHT0002959 | C      | SS.GM.T0005048     | 309         | 12            | CIPP - 2 svc                                                        | \$ 19,660   | \$ -        | Monitor in CMOM              |
| 93   | 15    | SSMHT0001255-SSMHT0002964 | C      | SS.GM.T0008844     | 91          | 10            | No Rehabilitation Recommended                                       | \$ -        | \$ -        | Monitor in CMOM              |
| 94   | 15    | SSMHT0001256-SSMHT0012556 | C      | SS.GM.T0008843     | 484         | 6             | No Rehabilitation Recommended                                       | \$ -        | \$ -        | Monitor in CMOM              |
| 95   | 15    | SSMHT0001257-SSMHT0013612 | C      | SS.GM.T0013908     | 312         | 6             | No Rehabilitation Recommended                                       | \$ -        | \$ -        | Monitor in CMOM              |
| 96   | 8     | SSMHT0001713-SSMHT0001728 | C      | SS.GM.T0006420     | 324         | 8             | Point Repair at 308 ft and Sectional Liner 250 to 308 ft from 01713 | \$ 16,350   | \$ -        | Monitor in CMOM              |
| 97   | 8     | SSMHT0001714-SSMHT0001713 | C      | SS.GM.T0006421     | 497         | 8             | Add to Root Removal Schedule                                        | \$ -        | \$ -        | Monitor in CMOM              |
| 98   | 8     | SSMHT0001715-SSMHT0001714 | D      | SS.GM.T0006422     | 365         | 8             | Point Repair at 41,164, and 240 ft from 01715                       | \$ 14,250   | \$ 14,250   | Point Repair                 |
| 99   | 8     | SSMHT0001716-SSMHT0001715 | C      | SS.GM.T0006423     | 59          | 8             | No Rehabilitation Recommended                                       | \$ -        | \$ -        | Monitor in CMOM              |
| 100  | 8     | SSMHT0001717-SSMHT0001718 | C      | SS.GM.T0007490     | 132         | 6             | Point Repair at 56 and 136 ft from 01717                            | \$ 9,500    | \$ -        | Monitor in CMOM              |
| 101  | 8     | SSMHT0001718-SSMHT0001719 | C      | SS.GM.T0007489     | 319         | 6             | Point Repair at 0 ft from 01718; Add to Root Schedule               | \$ 4,750    | \$ -        | Monitor in CMOM              |
| 102  | 8     | SSMHT0001719-SSMHT0001720 | C      | SS.GM.T0007488     | 317         | 6             | Add to Root Removal Schedule                                        | \$ -        | \$ -        | Monitor in CMOM              |
| 103  | 8     | SSMHT0001720-SSMHT0001723 | C      | SS.GM.T0007487     | 142         | 6             | No Rehabilitation Recommended                                       | \$ -        | \$ -        | Monitor in CMOM              |
| 104  | 8     | SSMHT0001721-SSMHT0001720 | C      | SS.GM.T0006436     | 82          | 6             | No Rehabilitation Recommended                                       | \$ -        | \$ -        | Monitor in CMOM              |
| 105  | 8     | SSMHT0001722-SSMHT0012930 | D      | SS.GM.T0007389     | 164         | 8             | Access; Clean and CCTV                                              | \$ 1,312    | \$ 1,312    | Access; Clean and Inspection |
| 106  | 8     | SSMHT0001723-SSMHT0001722 | C      | SS.GM.T0007486     | 166         | 6             | Pipe Burst to 8" - 2 svc                                            | \$ 14,525   | \$ -        | Monitor in CMOM              |
| 107  | 8     | SSMHT0001724-SSMHT0001725 | C      | SS.GM.T0006453     | 119         | 8             | CIPP - 0 svc                                                        | \$ 5,796    | \$ -        | Monitor in CMOM              |
| 108  | 8     | SSMHT0001725-SSMHT0001762 | C      | SS.GM.T0006452     | 257         | 8             | CIPP - 0 svc                                                        | \$ 11,730   | \$ -        | Monitor in CMOM              |
| 109  | 8     | SSMHT0001726-SSMHT0001727 | C      | SS.GM.T0006448     | 74          | 6             | No Rehabilitation Recommended                                       | \$ -        | \$ -        | Monitor in CMOM              |
| 110  | 8     | SSMHT0001727-SSMHT0001761 | C      | SS.GM.T0006449     | 180         | 8             | CIPP - 0 svc                                                        | \$ 8,326    | \$ -        | Monitor in CMOM              |
| 111  | 8     | SSMHT0001728-SSMHT0001729 | C      | SS.GM.T0006419     | 242         | 8             | No Rehabilitation Recommended                                       | \$ -        | \$ -        | Monitor in CMOM              |
| 112  | 8     | SSMHT0001729-SSMHT0001730 | D      | SS.GM.T0001157     | 111         | 8             | Access; Clean and CCTV                                              | \$ 888      | \$ 888      | Access; Clean and Inspection |
| 113  | 8     | SSMHT0001730-SSMHT0001731 | C      | SS.GM.T0007388     | 159         | 21            | No Rehabilitation Recommended                                       | \$ -        | \$ -        | Monitor in CMOM              |
| 114  | 8     | SSMHT0001731-SSMHT0001979 | C      | SS.GM.T0007340     | 474         | 21            | CIPP - 0 svc                                                        | \$ 55,660   | \$ -        | Monitor in CMOM              |
| 115  | 8     | SSMHT0001732-SSMHT0000900 | D      | SS.GM.T0007380     | 141         | 8             | Burst to 8" - 0 svc                                                 | \$ 10,575   | \$ 10,575   | Pipe Burst or Replace        |
| 116  | 8     | SSMHT0001733-SSMHT0001735 | D      | SS.GM.T0007378     | 246         | 8             | Burst to 8" - 0 svc                                                 | \$ 18,450   | \$ 18,450   | Pipe Burst or Replace        |
| 117  | 8     | SSMHT0001734-SSMHT0001018 | D      | SS.GM.T0003931     | 273         | 8             | CIPP - 0 svc                                                        | \$ 12,006   | \$ 12,006   | Cured In Place Pipe Liner    |
| 118  | 8     | SSMHT0001735-SSMHT0001734 | D      | SS.GM.T0007377     | 203         | 8             | Burst to 8" - 1 svc                                                 | \$ 15,225   | \$ 15,225   | Pipe Burst or Replace        |
| 119  | 8     | SSMHT0001736-SSMHT0000900 | D      | SS.GM.T0007369     | 582         | 6             | Point Repair 102,231,371 and 542 ft from 01736                      | \$ 19,000   | \$ 19,000   | Point Repair                 |
| 120  | 8     | SSMHT0001737-SSMHT0001734 | C      | SS.GM.T0006386     | 390         | 6             | No Rehabilitation Recommended                                       | \$ -        | \$ -        | Monitor in CMOM              |
| 121  | 8     | SSMHT0001738-SSMHT0001018 | D      | SS.GM.T0007677     | 514         | 8             | Burst to 8" - 6 svc                                                 | \$ 49,050   | \$ 49,050   | Pipe Burst or Replace        |
| 122  | 8     | SSMHT0001739-SSMHT0001741 | E      | SS.GM.T0007382     | 358         | 8             | Replace Entire Line                                                 | \$ 71,600   | \$ 71,600   | Replace Mainline             |
| 123  | 8     | SSMHT0001740-SSMHT0000899 | C      | SS.GM.T0007375     | 377         | 6             | Point Repair at 151 ft from 00899                                   | \$ 4,750    | \$ -        | Monitor in CMOM              |
| 124  | 8     | SSMHT0001741-SSMHT0001750 | E      | SS.GM.T0006389     | 596         | 8             | Replace Entire Line                                                 | \$ 113,600  | \$ 113,600  | Replace Mainline             |
| 125  | 8     | SSMHT0001742-SSMHT0002684 | C      | SS.GM.T0007678     | 270         | 6             | No Rehabilitation Recommended                                       | \$ -        | \$ -        | Monitor in CMOM              |
| 126  | 8     | SSMHT0001743-SSMHT0001742 | C      | SS.GM.T0006394     | 91          | 8             | No Rehabilitation Recommended                                       | \$ -        | \$ -        | Monitor in CMOM              |
| 127  | 8     | SSMHT0001744-SSMHT0001743 | C      | SS.GM.T0006395     | 502         | 8             | Point Repair at 481 ft from 01744                                   | \$ 4,750    | \$ -        | Monitor in CMOM              |
| 128  | 8     | SSMHT0001745-SSMHT0001744 | C      | SS.GM.T0006396     | 91          | 8             | No Rehabilitation Recommended                                       | \$ -        | \$ -        | Monitor in CMOM              |
| 129  | 8     | SSMHT0001746-SSMHT0001745 | C      | SS.GM.T0006397     | 41          | 8             | No Rehabilitation Recommended                                       | \$ -        | \$ -        | Monitor in CMOM              |
| 130  | 8     | SSMHT0001747-SSMHT0001748 | C      | SS.GM.T0006392     | 261         | 8             | No Rehabilitation Recommended                                       | \$ -        | \$ -        | Monitor in CMOM              |
| 131  | 8     | SSMHT0001748-SSMHT0001749 | C      | SS.GM.T0006391     | 50          | 8             | No Rehabilitation Recommended                                       | \$ -        | \$ -        | Monitor in CMOM              |
| 132  | 8     | SSMHT0001749-SSMHT0001746 | C      | SS.GM.T0006390     | 488         | 8             | No Rehabilitation Recommended                                       | \$ -        | \$ -        | Monitor in CMOM              |





## Mainline Remediation Plan

| Remedial Measure Description        | Quantity | Remediation Plan |
|-------------------------------------|----------|------------------|
| Access; Clean and Inspection (I.f.) | 23,344   | \$ 248,528       |
| Monitor in CMOM (I.f.)              | 189,044  | \$ -             |
| Pipe Burst or Replace (I.f.)        | 35,752   | \$ 3,550,065     |
| Point Repair (ea.)                  | 280      | \$ 1,295,555     |
| Replace Mainline (I.f.)             | 4,583    | \$ 905,950       |
| Cured In Place Pipe Liner (I.f.)    | 5,787    | \$ 409,550       |
|                                     |          | \$ 6,409,648     |

| Item | Basin | Pipe Segment              | Rating | City Pipe Asset ID | Pipe Length | Pipe Diameter | Rehabilitation Recommendation                                         | Repair Cost | Recommended | Remediation Plan             |
|------|-------|---------------------------|--------|--------------------|-------------|---------------|-----------------------------------------------------------------------|-------------|-------------|------------------------------|
| 133  | 8     | SSMHT0001750-SSMHT0001751 | D      | SS.GM.T0008002     | 417         | 8             | Replace pipe Priority 1                                               | \$ 83,400   | \$ 83,400   | Replace Mainline             |
| 134  | 8     | SSMHT0001751-SSMHT0000727 | D      | SS.GM.T0007017     | 197         | 8             | Burst to 8" - 0 svc                                                   | \$ 15,300   | \$ 15,300   | Pipe Burst or Replace        |
| 135  | 8     | SSMHT0001752-SSMHT0001751 | C      | SS.GM.T0006402     | 329         | 6             | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |
| 136  | 8     | SSMHT0001753-SSMHT0001752 | C      | SS.GM.T0007383     | 411         | 6             | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |
| 137  | 8     | SSMHT0001754-SSMHT0001753 | C      | SS.GM.T0006408     | 193         | 6             | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |
| 138  | 8     | SSMHT0001755-SSMHT0001752 | C      | SS.GM.T0006403     | 405         | 6             | Place on Root Removal Schedule                                        | \$ -        | \$ -        | Monitor in CMOM              |
| 139  | 8     | SSMHT0001756-SSMHT0001755 | D      | SS.GM.T0006404     | 303         | 6             | Point Repair at 194 ft from 01756                                     | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 140  | 8     | SSMHT0001757-SSMHT0002683 | C      | SS.GM.T0006411     | 291         | 6             | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |
| 141  | 8     | SSMHT0001758-SSMHT0001759 | C      | SS.GM.T0006417     | 444         | 6             | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |
| 142  | 8     | SSMHT0001759-SSMHT0001760 | D      | SS.GM.T0006415     | 242         | 6             | Point Repair 21 ft from 01759                                         | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 143  | 8     | SSMHT0001760-SSMHT0001731 | C      | SS.GM.T0007680     | 202         | 8             | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |
| 144  | 8     | SSMHT0001761-SSMHT0001730 | D      | SS.GM.T0007387     | 350         | 21            | Point Repair 199 to 217 ft from 01761                                 | \$ 7,125    | \$ 7,125    | Point Repair                 |
| 145  | 8     | SSMHT0001762-SSMHT0001761 | C      | SS.GM.T0007386     | 579         | 21            | Point Repair 228 ft from 01762                                        | \$ 4,750    | \$ -        | Monitor in CMOM              |
| 146  | 8     | SSMHT0001763-SSMHT0001762 | D      | SS.GM.T0007385     | 46          | 21            | Access; Clean and CCTV                                                | \$ 690      | \$ 690      | Access; Clean and Inspection |
| 147  | 8     | SSMHT0001764-SSMHT0002024 | D      | SS.GM.T0007384     | 205         | 21            | Access; Clean and CCTV                                                | \$ 3,075    | \$ 3,075    | Access; Clean and Inspection |
| 148  | 8     | SSMHT0001765-SSMHT0001724 | C      | SS.GM.T0007681     | 161         | 8             | CIPP - 0 svc                                                          | \$ 7,176    | \$ -        | Monitor in CMOM              |
| 149  | 8     | SSMHT0001766-SSMHT0001713 | C      | SS.GM.T0006432     | 398         | 6             | Point Repair at 105 and 328 ft from 01766                             | \$ 9,500    | \$ -        | Monitor in CMOM              |
| 150  | 8     | SSMHT0001767-SSMHT0002686 | D      | SS.GM.T0006539     | 34          | 21            | Access; Clean and CCTV                                                | \$ 510      | \$ 510      | Access; Clean and Inspection |
| 151  | 8     | SSMHT0001768-SSMHT0001769 | D      | SS.GM.T0006542     | 268         | 21            | Access; Clean and CCTV                                                | \$ 4,020    | \$ 4,020    | Access; Clean and Inspection |
| 152  | 8     | SSMHT0001769-SSMHT0001767 | D      | SS.GM.T0006541     | 165         | 21            | Access; Clean and CCTV                                                | \$ 2,475    | \$ 2,475    | Access; Clean and Inspection |
| 153  | 8     | SSMHT0001771-SSMHT0001770 | D      | SS.GM.T0006546     | 126         | 21            | Access; Clean and CCTV                                                | \$ 1,890    | \$ 1,890    | Access; Clean and Inspection |
| 154  | 8     | SSMHT0001772-SSMHT0001771 | C      | SS.GM.T0006543     | 103         | 6             | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |
| 155  | 8     | SSMHT0001773-SSMHT0001772 | C      | SS.GM.T0007492     | 22          | 6             | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |
| 156  | 8     | SSMHT0001774-SSMHT0013551 | C      | SS.GM.T0007493     | 243         | 8             | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |
| 157  | 8     | SSMHT0001775-SSMHT0001774 | C      | SS.GM.T0006457     | 31          | 8             | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |
| 158  | 8     | SSMHT0001776-SSMHT0001777 | C      | SS.GM.T0006642     | 253         | 18            | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |
| 159  | 8     | SSMHT0001777-SSMHT0012930 | D      | SS.GM.T0003869     | 593         | 18            | Locate and Expose SSMHT0012930; Clean and CCTV                        | \$ 8,709    | \$ 8,709    | Access; Clean and Inspection |
| 160  | 8     | SSMHT0001778-SSMHT0001775 | C      | SS.GM.T0006456     | 308         | 6             | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |
| 161  | 8     | SSMHT0001779-SSMHT0002541 | D      | SS.GM.T0005583     | 280         | 6             | Point Repair 261 and 288 ft from 02541; Add to Scheduled Root removal | \$ 9,500    | \$ 9,500    | Point Repair                 |
| 162  | 8     | SSMHT0001781-SSMHT0001783 | D      | SS.GM.T0005596     | 126         | 6             | Pipe Burst to 8" - 1 svc                                              | \$ 11,425   | \$ 11,425   | Pipe Burst or Replace        |
| 163  | 8     | SSMHT0001782-SSMHT0001781 | D      | SS.GM.T0005597     | 187         | 6             | Point Repair at 62 and 158 ft from 01782                              | \$ 9,500    | \$ 9,500    | Point Repair                 |
| 164  | 8     | SSMHT0001783-SSMHT0001784 | C      | SS.GM.T0005595     | 102         | 6             | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |
| 165  | 8     | SSMHT0001784-SSMHT0001785 | C      | SS.GM.T0005600     | 407         | 8             | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |
| 166  | 8     | SSMHT0001785-SSMHT0012925 | C      | SS.GM.T0007342     | 197         | 8             | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |
| 167  | 8     | SSMHT0001786-SSMHT0001787 | C      | SS.GM.T0005586     | 131         | 6             | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |
| 168  | 8     | SSMHT0001787-SSMHT0001788 | C      | SS.GM.T0005584     | 158         | 6             | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |
| 169  | 8     | SSMHT0001788-SSMHT0001779 | C      | SS.GM.T0005585     | 299         | 6             | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |
| 170  | 8     | SSMHT0001799-SSMHT0001814 | D      | SS.GM.T0006618     | 302         | 8             | Point Repair 25 ft from 01799; Place on Cleaning Schedule             | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 171  | 8     | SSMHT0001800-SSMHT0001799 | C      | SS.GM.T0007996     | 348         | 6             | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |
| 172  | 8     | SSMHT0001840-SSMHT0001815 | C      | SS.GM.T0006614     | 41          | 6             | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |
| 173  | 8     | SSMHT0001802-SSMHT0001840 | D      |                    | 329         | 6             | Point Repair 261 ft from 01802                                        | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 174  | 8     | SSMHT0001803-SSMHT0001839 | D      | SS.GM.T0006729     | 182         | 6             | Point Repairs 102 and 122 ft from 01803                               | \$ 9,500    | \$ 9,500    | Point Repair                 |
| 175  | 8     | SSMHT0001804-SSMHT0001803 | C      | SS.GM.T0006737     | 353         | 6             | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |
| 176  | 8     | SSMHT0001805-SSMHT0012927 | D      |                    | 210         | 6             | Install Manhole at 12927 (Tee); Pipe Burst to 8" - 12 svc             | \$ 57,550   | \$ 57,550   | Pipe Burst or Replace        |



## Mainline Remediation Plan

| Remedial Measure Description        | Quantity | Remediation Plan |
|-------------------------------------|----------|------------------|
| Access; Clean and Inspection (l.f.) | 23,344   | \$ 248,528       |
| Monitor in CMOM (l.f.)              | 189,044  | \$ -             |
| Pipe Burst or Replace (l.f.)        | 35,752   | \$ 3,550,065     |
| Point Repair (ea.)                  | 280      | \$ 1,295,555     |
| Replace Mainline (l.f.)             | 4,583    | \$ 905,950       |
| Cured In Place Pipe Liner (l.f.)    | 5,787    | \$ 409,550       |
|                                     |          | \$ 6,409,648     |

| Item | Basin | Pipe Segment              | Rating | City Pipe Asset ID | Pipe Length | Pipe Diameter | Rehabilitation Recommendation                                      | Repair Cost | Recommended | Remediation Plan             |
|------|-------|---------------------------|--------|--------------------|-------------|---------------|--------------------------------------------------------------------|-------------|-------------|------------------------------|
| 177  | 8     | SSMHT0012488-SSMHT0001718 | C      | SS.GM.T0007533     | 486         | 6             | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 178  | 8     | SSMHT0001807-SSMHT0002554 | D      | SS.GM.T0006441     | 477         | 6             | Point Repair at 27 and 266 ft from 01807                           | \$ 9,500    | \$ 9,500    | Point Repair                 |
| 179  | 8     | SSMHT0001808-SSMHT0001815 | D      | SS.GM.T0007532     | 431         | 6             | Point Repair 152 ft from 01808                                     | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 180  | 8     | SSMHT0001808-SSMHT0001816 | C      | SS.GM.T0007688     | 90          | 6             | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 181  | 8     | SSMHT0001809-SSMHT0001808 | C      | SS.GM.T0006743     | 310         | 6             | Burst to 8" - 1 svc                                                | \$ 25,000   | \$ -        | Monitor in CMOM              |
| 182  | 8     | SSMHT0001810-SSMHT0001802 | D      | SS.GM.T0006616     | 304         | 6             | Point Repair at 35 ft and 78 ft from 01802; Place on Root Schedule | \$ 9,500    | \$ 9,500    | Point Repair                 |
| 183  | 8     | SSMHT0001811-SSMHT0001812 | D      | SS.GM.T0006732     | 375         | 8             | Access; Clean and CCTV                                             | \$ 3,000    | \$ 3,000    | Access; Clean and Inspection |
| 184  | 8     | SSMHT0001812-SSMHT0001813 | D      | SS.GM.T0006731     | 282         | 8             | Access; Clean and CCTV                                             | \$ 2,256    | \$ 2,256    | Access; Clean and Inspection |
| 185  | 8     | SSMHT0001813-SSMHT0001815 | D      | SS.GM.T0006730     | 235         | 15            | Access; Clean and CCTV                                             | \$ 2,820    | \$ 2,820    | Access; Clean and Inspection |
| 186  | 8     | SSMHT0001814-SSMHT0013520 | D      | SS.GM.T0006623     | 305         | 15            | Access; Clean and CCTV                                             | \$ 3,660    | \$ 3,660    | Access; Clean and Inspection |
| 187  | 8     | SSMHT0001815-SSMHT0001814 | D      | SS.GM.T0006619     | 251         | 15            | Access; Clean and CCTV                                             | \$ 3,012    | \$ 3,012    | Access; Clean and Inspection |
| 188  | 8     | SSMHT0001816-SSMHT0001804 | D      | SS.GM.T0006742     | 360         | 6             | Point Repair at 207 ft from 01804                                  | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 189  | 8     | SSMHT0001817-SSMHT0001916 | D      | SS.GM.T0006761     | 147         | 6             | Burst to 8" - 1 svc                                                | \$ 11,025   | \$ 11,025   | Pipe Burst or Replace        |
| 190  | 8     | SSMHT0001818-SSMHT0001817 | C      | SS.GM.T0006763     | 139         | 6             | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 191  | 8     | SSMHT0001819-SSMHT0001818 | C      | SS.GM.T0006764     | 310         | 6             | Point Repair at 95 to 105 and 263 ft from 01819                    | \$ 9,500    | \$ -        | Monitor in CMOM              |
| 192  | 8     | SSMHT0001820-SSMHT0001821 | E      | SS.GM.T0007535     | 309         | 6             | Pipe Burst to 8" - 2 svc                                           | \$ 23,600   | \$ 23,600   | Pipe Burst or Replace        |
| 193  | 8     | SSMHT0001821-SSMHT0012887 | C      | SS.GM.T0007685     | 376         | 6             | Point repairs at 227 & 329 ft from 01821                           | \$ 9,500    | \$ -        | Monitor in CMOM              |
| 194  | 8     | SSMHT0001822-SSMHT0001821 | D      | SS.GM.T0006753     | 213         | 6             | Point Repair 6 and 65 to 75 ft from 01821                          | \$ 9,500    | \$ 9,500    | Point Repair                 |
| 195  | 8     | SSMHT0001823-SSMHT0001816 | C      | SS.GM.T0006746     | 355         | 6             | Point Repair at 21 ft from 01816                                   | \$ 4,750    | \$ -        | Monitor in CMOM              |
| 196  | 8     | SSMHT0001824-SSMHT0001804 | C      | SS.GM.T0006738     | 876         | 6             | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 197  | 8     | SSMHT0001825-SSMHT0002032 | C      | SS.GM.T0007536     | 366         | 6             | Burst to 8" - 1 svc                                                | \$ 29,200   | \$ -        | Monitor in CMOM              |
| 198  | 8     | SSMHT0001826-SSMHT0001827 | D      | SS.GM.T0006755     | 31          | 6             | Point Repair at 13 ft from 01826                                   | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 199  | 8     | SSMHT0001827-SSMHT0020029 | C      |                    | 443         | 6             | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 200  | 8     | SSMHT0001828-SSMHT0001829 | C      | SS.GM.T0007537     | 121         | 6             | Place on High Frequency Cleaning List                              | \$ -        | \$ -        | Monitor in CMOM              |
| 201  | 8     | SSMHT0001829-SSMHT0002607 | C      | SS.GM.T0006720     | 273         | 12            | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 202  | 8     | SSMHT0001830-SSMHT0001829 | D      | SS.GM.T0006721     | 365         | 12            | Point Repair 176 ft from 01830; CIPP - 4 svc                       | \$ 29,380   | \$ 29,380   | Cured In Place Pipe Liner    |
| 203  | 8     | SSMHT0001831-SSMHT0001830 | C      | SS.GM.T0007696     | 158         | 6             | Place on High Frequency Cleaning List                              | \$ -        | \$ -        | Monitor in CMOM              |
| 204  | 8     | SSMHT0001831-SSMHT0001832 | C      | SS.GM.T0007134     | 378         | 8             | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 205  | 8     | SSMHT0001832-SSMHT0001833 | D      | SS.GM.T0007137     | 53          | 8             | Clean and CCTV                                                     | \$ 424      | \$ 424      | Access; Clean and Inspection |
| 206  | 8     | SSMHT0001833-SSMHT0001834 | C      | SS.GM.T0007136     | 27          | 8             | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 207  | 8     | SSMHT0001834-SSMHT0001835 | C      | SS.GM.T0007135     | 66          | 8             | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 208  | 8     | SSMHT0001835-SSMHT0001830 | C      | SS.GM.T0006719     | 329         | 12            | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 209  | 8     | SSMHT0001836-SSMHT0001832 | D      | SS.GM.T0007139     | 183         | 8             | Clean and CCTV                                                     | \$ 1,464    | \$ 1,464    | Access; Clean and Inspection |
| 210  | 8     | SSMHT0001837-SSMHT0001836 | C      | SS.GM.T0007140     | 78          | 8             | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 211  | 8     | SSMHT0001838-SSMHT0001836 | C      | SS.GM.T0007141     | 178         | 6             | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 212  | 8     | SSMHT0001839-SSMHT0013550 | C      | SS.GM.T0007889     | 299         | 15            | CIPP - 7 svc                                                       | \$ 34,415   | \$ -        | Monitor in CMOM              |
| 213  | 8     | SSMHT0001840-SSMHT0001815 | C      |                    | 190         | 6             | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 214  | 8     | SSMHT0001841-SSMHT0002619 | D      | SS.GM.T0007550     | 328         | 6             | Point Repair 132 and 258 ft from 01841                             | \$ 9,500    | \$ 9,500    | Point Repair                 |
| 215  | 8     | SSMHT0001842-SSMHT0020023 | C      |                    | 73          | 6             | Burst to 8" - 0 svc                                                | \$ 5,250    | \$ -        | Monitor in CMOM              |
| 216  | 8     | SSMHT0001843-SSMHT0002619 | C      | SS.GM.T0007198     | 172         | 6             | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 217  | 8     | SSMHT0001844-SSMHT0002619 | C      | SS.GM.T0007200     | 276         | 6             | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 218  | 8     | SSMHT0001845-SSMHT0001844 | C      | SS.GM.T0007552     | 283         | 6             | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 219  | 8     | SSMHT0001846-SSMHT0001845 | C      | SS.GM.T0007553     | 145         | 6             | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 220  | 8     | SSMHT0001847-SSMHT0001845 | C      | SS.GM.T0006866     | 511         | 6             | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |



## Mainline Remediation Plan

| Remedial Measure Description        | Quantity | Remediation Plan |
|-------------------------------------|----------|------------------|
| Access; Clean and Inspection (l.f.) | 23,344   | \$ 248,528       |
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| Pipe Burst or Replace (l.f.)        | 35,752   | \$ 3,550,065     |
| Point Repair (ea.)                  | 280      | \$ 1,295,555     |
| Replace Mainline (l.f.)             | 4,583    | \$ 905,950       |
| Cured In Place Pipe Liner (l.f.)    | 5,787    | \$ 409,550       |
|                                     |          | \$ 6,409,648     |

| Item | Basin | Pipe Segment               | Rating | City Pipe Asset ID | Pipe Length | Pipe Diameter | Rehabilitation Recommendation                          | Repair Cost | Recommended | Remediation Plan             |
|------|-------|----------------------------|--------|--------------------|-------------|---------------|--------------------------------------------------------|-------------|-------------|------------------------------|
| 221  | 8     | SSMHT0001848-SSMHT0001843  | C      | SS.GM.T0007199     | 349         | 6             | No Rehabilitation Recommended                          | \$ -        | \$ -        | Monitor in CMOM              |
| 222  | 8     | SSMHT0001850-SSMHT0001848  | D      | SS.GM.T0007196     | 600         | 6             | Access; Clean and CCTV                                 | \$ 4,800    | \$ 4,800    | Access; Clean and Inspection |
| 223  | 8     | SSMHT0001851-SSMHT0001850  | C      | SS.GM.T0007195     | 222         | 6             | No Rehabilitation Recommended                          | \$ -        | \$ -        | Monitor in CMOM              |
| 224  | 8     | SSMHT0001852-SSMHT0001851  | D      | SS.GM.T0007194     | 50          | 6             | Burst to 8" - 0 svc                                    | \$ 3,750    | \$ 3,750    | Pipe Burst or Replace        |
| 225  | 8     | SSMHT0001853-SSMHT0001852  | C      | SS.GM.T0006868     | 279         | 6             | No Rehabilitation Recommended                          | \$ -        | \$ -        | Monitor in CMOM              |
| 226  | 8     | SSMHT0001854-SSMHT0001842  | D      | SS.GM.T0007219     | 508         | 6             | Burst to 8" - 3 svc                                    | \$ 43,500   | \$ 43,500   | Pipe Burst or Replace        |
| 227  | 8     | SSMHT0001855-SSMHT0002100  | D      | SS.GM.T0007221     | 437         | 6             | Point Repair at 122 ft from 01855                      | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 228  | 8     | SSMHT0001856-SSMHT0001855  | C      | SS.GM.T0007066     | 669         | 6             | No Rehabilitation Recommended                          | \$ -        | \$ -        | Monitor in CMOM              |
| 229  | 8     | SSMHT0001857-SSMHT0001861  | C      | SS.GM.T0007063     | 442         | 6             | Place on Root Removal Schedule                         | \$ -        | \$ -        | Monitor in CMOM              |
| 230  | 8     | SSMHT0001858-SSMHT0001859  | C      | SS.GM.T0007555     | 215         | 6             | No Rehabilitation Recommended                          | \$ -        | \$ -        | Monitor in CMOM              |
| 231  | 8     | SSMHT0001859-SSMHT0001864  | D      | SS.GM.T0007556     | 430         | 6             | Burst to 8" - 1 svc                                    | \$ 34,000   | \$ 34,000   | Pipe Burst or Replace        |
| 232  | 8     | SSMHT0001860-SSMHT0001863  | C      | SS.GM.T0006863     | 538         | 6             | No Rehabilitation Recommended                          | \$ -        | \$ -        | Monitor in CMOM              |
| 233  | 8     | SSMHT0001861-SSMHT0002037  | D      | SS.GM.T0007062     | 483         | 6             | Point Repair at 7 ft from 01861                        | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 234  | 8     | SSMHT0001862-SSMHT0001852  | D      | SS.GM.T0007193     | 205         | 6             | Point Repair at 122 ft from 01862                      | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 235  | 8     | SSMHT0001863-SSMHT0001869  | D      | SS.GM.T0006862     | 428         | 6             | Point Repair at 94 ft from 01863                       | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 236  | 8     | SSMHT0001864-SSMHT0001865  | D      | SS.GM.T0007557     | 295         | 6             | Burst to 8" - 0 svc                                    | \$ 22,125   | \$ 22,125   | Pipe Burst or Replace        |
| 237  | 8     | SSMHT0001865-SSMHT0001866  | D      | SS.GM.T0007558     | 489         | 6             | Burst to 8" - 1 svc                                    | \$ 38,425   | \$ 38,425   | Pipe Burst or Replace        |
| 238  | 8     | SSMHT0001866-SSMHT00020032 | C      |                    | 359         | 6             | No Rehabilitation Recommended                          | \$ -        | \$ -        | Monitor in CMOM              |
| 239  | 8     | SSMHT0001867-SSMHT0001866  | C      | SS.GM.T0007158     | 148         | 6             | No Rehabilitation Recommended                          | \$ -        | \$ -        | Monitor in CMOM              |
| 240  | 8     | SSMHT0001868-SSMHT0002617  | D      | SS.GM.T0006861     | 515         | 6             | Point Repair at 175 ft from 02617                      | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 241  | 8     | SSMHT0001869-SSMHT0001868  | C      | SS.GM.T0006860     | 44          | 6             | No Rehabilitation Recommended                          | \$ -        | \$ -        | Monitor in CMOM              |
| 242  | 8     | SSMHT0001870-SSMHT0001862  | C      | SS.GM.T0007192     | 397         | 6             | No Rehabilitation Recommended                          | \$ -        | \$ -        | Monitor in CMOM              |
| 243  | 8     | SSMHT0001871-SSMHT0001865  | D      | SS.GM.T0007161     | 444         | 6             | Burst to 8" - 0 svc                                    | \$ 33,300   | \$ 33,300   | Pipe Burst or Replace        |
| 244  | 8     | SSMHT0001872-SSMHT0002038  | D      | SS.GM.T0006925     | 228         | 6             | Point Repair at 2 ft from 01872                        | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 245  | 8     | SSMHT0001878-SSMHT0001881  | C      | SS.GM.T0005320     | 349         | 8             | No Rehabilitation Recommended                          | \$ -        | \$ -        | Monitor in CMOM              |
| 246  | 8     | SSMHT0001879-SSMHT0001878  | C      |                    | 85          | 6             | Place on High Frequency Cleaning List                  | \$ -        | \$ -        | Monitor in CMOM              |
| 247  | 8     | SSMHT0001880-SSMHT0001879  | C      | SS.GM.T0007563     | 54          | 6             | Place on High Frequency Cleaning List                  | \$ -        | \$ -        | Monitor in CMOM              |
| 248  | 8     | SSMHT0001881-SSMHT00020001 | C      |                    | 768         | 8             | CIPP from 01881 to 20001 152 ft; 1 svc                 | \$ 7,313    | \$ -        | Monitor in CMOM              |
| 249  | 8     | SSMHT0001882-SSMHT0001039  | C      | SS.GM.T0005321     | 677         | 6             | No Rehabilitation Recommended                          | \$ -        | \$ -        | Monitor in CMOM              |
| 250  | 8     | SSMHT0001883-SSMHT0001882  | C      | SS.GM.T0005314     | 458         | 6             | No Rehabilitation Recommended                          | \$ -        | \$ -        | Monitor in CMOM              |
| 251  | 8     | SSMHT0001884-SSMHT00013062 | D      | SS.GM.T0007971     | 403         | 6             | Burst to 8" - 11 svc                                   | \$ 49,175   | \$ 49,175   | Pipe Burst or Replace        |
| 252  | 8     | SSMHT0001885-SSMHT0002666  | C      | SS.GM.T0007566     | 384         | 6             | No Rehabilitation Recommended                          | \$ -        | \$ -        | Monitor in CMOM              |
| 253  | 8     | SSMHT0001886-SSMHT0002667  | C      | SS.GM.T0005605     | 258         | 6             | No Rehabilitation Recommended                          | \$ -        | \$ -        | Monitor in CMOM              |
| 254  | 8     | SSMHT0001887-SSMHT0002675  | C      | SS.GM.T0005626     | 716         | 6             | Point Repair 374 ft from 01887                         | \$ 4,750    | \$ -        | Monitor in CMOM              |
| 255  | 8     | SSMHT0001888-SSMHT0001889  | C      | SS.GM.T0005636     | 289         | 6             | No Rehabilitation Recommended                          | \$ -        | \$ -        | Monitor in CMOM              |
| 256  | 8     | SSMHT0001889-SSMHT0001964  | C      | SS.GM.T0005907     | 581         | 6             | Remove Roots; Sectional Liner 175 to 215 ft from 01889 | \$ 9,280    | \$ -        | Monitor in CMOM              |
| 257  | 8     | SSMHT0001899-SSMHT00020003 | D      |                    | 144         | 6             | Burst to 8" - 2 svc                                    | \$ 14,300   | \$ 14,300   | Pipe Burst or Replace        |
| 258  | 8     | SSMHT0001900-SSMHT0001771  | C      | SS.GM.T0006547     | 356         | 21            | No Rehabilitation Recommended                          | \$ -        | \$ -        | Monitor in CMOM              |
| 259  | 8     | SSMHT0001901-SSMHT0001902  | D      | SS.GM.T0006550     | 67          | 18            | Access; Clean and CCTV                                 | \$ 871      | \$ 871      | Access; Clean and Inspection |
| 260  | 8     | SSMHT0001902-SSMHT0001903  | D      | SS.GM.T0006549     | 52          | 18            | Access; Clean and CCTV                                 | \$ 676      | \$ 676      | Access; Clean and Inspection |
| 261  | 8     | SSMHT0001903-SSMHT0002025  | D      | SS.GM.T0007686     | 11          | 18            | Access; Clean and CCTV                                 | \$ 143      | \$ 143      | Access; Clean and Inspection |
| 262  | 8     | SSMHT0001904-SSMHT0001900  | D      | SS.GM.T0006548     | 294         | 21            | Access; Clean and CCTV                                 | \$ 4,410    | \$ 4,410    | Access; Clean and Inspection |
| 263  | 8     | SSMHT0001905-SSMHT0001901  | D      | SS.GM.T0006627     | 74          | 10            | Access; Clean and CCTV                                 | \$ 666      | \$ 666      | Access; Clean and Inspection |
| 264  | 8     | SSMHT0001906-SSMHT0001905  | D      | SS.GM.T0006628     | 119         | 10            | Access; Clean and CCTV                                 | \$ 1,071    | \$ 1,071    | Access; Clean and Inspection |





# Mainline Remediation Plan

| Remedial Measure Description        | Quantity | Remediation Plan |
|-------------------------------------|----------|------------------|
| Access; Clean and Inspection (l.f.) | 23,344   | \$ 248,528       |
| Monitor in CMOM (l.f.)              | 189,044  | \$ -             |
| Pipe Burst or Replace (l.f.)        | 35,752   | \$ 3,550,065     |
| Point Repair (ea.)                  | 280      | \$ 1,295,555     |
| Replace Mainline (l.f.)             | 4,583    | \$ 905,950       |
| Cured In Place Pipe Liner (l.f.)    | 5,787    | \$ 409,550       |
|                                     |          | \$ 6,409,648     |

| Item | Basin | Pipe Segment              | Rating | City Pipe Asset ID | Pipe Length | Pipe Diameter | Rehabilitation Recommendation                                         | Repair Cost | Recommended | Remediation Plan             |
|------|-------|---------------------------|--------|--------------------|-------------|---------------|-----------------------------------------------------------------------|-------------|-------------|------------------------------|
| 265  | 8     | SSMHT0001907-SSMHT0001906 | D      | SS.GM.T0006629     | 73          | 10            | Access; Clean and CCTV                                                | \$ 657      | \$ 657      | Access; Clean and Inspection |
| 266  | 8     | SSMHT0001908-SSMHT0001907 | C      | SS.GM.T0006630     | 18          | 10            | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |
| 267  | 8     | SSMHT0001909-SSMHT0001910 | D      | SS.GM.T0007576     | 122         | 6             | Access; Clean and CCTV                                                | \$ 976      | \$ 976      | Access; Clean and Inspection |
| 268  | 8     | SSMHT0001910-SSMHT0001907 | D      | SS.GM.T0007990     | 773         | 6             | Point Repair from 15 to 35 feet from 01907                            | \$ 9,500    | \$ 9,500    | Point Repair                 |
| 269  | 8     | SSMHT0001911-SSMHT0001905 | D      | SS.GM.T0006625     | 438         | 6             | Access; Clean and CCTV                                                | \$ 3,504    | \$ 3,504    | Access; Clean and Inspection |
| 270  | 8     | SSMHT0001912-SSMHT0001913 | D      | SS.GM.T0007577     | 231         | 6             | Replace/Burst - 1 svc                                                 | \$ 19,075   | \$ 19,075   | Pipe Burst or Replace        |
| 271  | 8     | SSMHT0001912-SSMHT0001915 | D      |                    | 853         | 8             | Replace/Burst - 2 svc                                                 | \$ 67,475   | \$ 67,475   | Pipe Burst or Replace        |
| 272  | 8     | SSMHT0001913-SSMHT0001914 | D      | SS.GM.T0007578     | 447         | 6             | Replace/Burst - 1 svc                                                 | \$ 35,275   | \$ 35,275   | Pipe Burst or Replace        |
| 273  | 8     | SSMHT0001914-SSMHT0001938 | C      | SS.GM.T0007581     | 502         | 6             | Add to Root Removal Schedule                                          | \$ -        | \$ -        | Monitor in CMOM              |
| 274  | 8     | SSMHT0001915-SSMHT0001768 | D      | SS.GM.T0007684     | 289         | 8             | Replace/Burst - 0 svc                                                 | \$ 20,370   | \$ 20,370   | Pipe Burst or Replace        |
| 275  | 8     | SSMHT0001916-SSMHT0001907 | D      | SS.GM.T0006760     | 254         | 8             | Point Repair 5 ft from 01907                                          | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 276  | 8     | SSMHT0001917-SSMHT0001908 | C      | SS.GM.T0006631     | 527         | 8             | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |
| 277  | 8     | SSMHT0001918-SSMHT0012887 | E      | SS.GM.T0006633     | 337         | 8             | Burst to 8" - 1 svc                                                   | \$ 27,025   | \$ 27,025   | Pipe Burst or Replace        |
| 278  | 8     | SSMHT0001919-SSMHT0001918 | D      |                    | 168         | 8             | Remove Roots; CIPP - 0 svc                                            | \$ 9,843    | \$ 9,843    | Cured In Place Pipe Liner    |
| 279  | 8     | SSMHT0001920-SSMHT0001919 | C      |                    | 344         | 8             | Remove Roots; CIPP - 1 svc                                            | \$ 15,371   | \$ -        | Monitor in CMOM              |
| 280  | 8     | SSMHT0001921-SSMHT0001920 | E      |                    | 69          | 8             | Burst to 8" - 0 svc                                                   | \$ 5,175    | \$ 5,175    | Pipe Burst or Replace        |
| 281  | 8     | SSMHT0001922-SSMHT0001921 | D      |                    | 38          | 6             | Access; Clean and CCTV                                                | \$ 304      | \$ 304      | Access; Clean and Inspection |
| 282  | 8     | SSMHT0001923-SSMHT0020034 | D      |                    | 467         | 8             | Point Repair at 155 to 170 ft FROM 01923                              | \$ 9,500    | \$ 9,500    | Point Repair                 |
| 283  | 8     | SSMHT0001924-SSMHT0001923 | D      | SS.GM.T0006767     | 289         | 8             | Point Repair at 200 ft FROM 01924                                     | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 284  | 8     | SSMHT0001925-SSMHT0001924 | C      | SS.GM.T0006769     | 261         | 6             | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |
| 285  | 8     | SSMHT0001926-SSMHT0001925 | C      | SS.GM.T0006772     | 387         | 6             | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |
| 286  | 8     | SSMHT0001927-SSMHT0001926 | C      | SS.GM.T0006770     | 30          | 6             | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |
| 287  | 8     | SSMHT0001930-SSMHT0001928 | C      | SS.GM.T0007214     | 385         | 6             | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |
| 288  | 8     | SSMHT0001931-SSMHT0001930 | D      | SS.GM.T0007213     | 190         | 6             | Pipe Burst to 8" - 1 svc                                              | \$ 13,150   | \$ 13,150   | Pipe Burst or Replace        |
| 289  | 8     | SSMHT0001932-SSMHT0001933 | C      | SS.GM.T0007207     | 197         | 6             | Place on High Frequency Cleaning List                                 | \$ -        | \$ -        | Monitor in CMOM              |
| 290  | 8     | SSMHT0001933-SSMHT0001930 | C      | SS.GM.T0007211     | 201         | 6             | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |
| 291  | 8     | SSMHT0001934-SSMHT0001932 | C      | SS.GM.T0007208     | 338         | 6             | Sectional liner 0 to 25 ft from 01932; Place on Root Removal Schedule | \$ 7,000    | \$ -        | Monitor in CMOM              |
| 292  | 8     | SSMHT0001935-SSMHT0009395 | D      | SS.GM.T0007201     | 791         | 6             | Burst to 8"                                                           | \$ 59,325   | \$ 59,325   | Pipe Burst or Replace        |
| 293  | 8     | SSMHT0001936-SSMHT0009395 | D      | SS.GM.T0007987     | 1148        | 8             | CIPP - 12 SVC                                                         | \$ 55,833   | \$ 55,833   | Cured In Place Pipe Liner    |
| 294  | 8     | SSMHT0001937-SSMHT0012877 | D      | SS.GM.T0007988     | 247         | 6             | Access; Clean and CCTV                                                | \$ 1,976    | \$ 1,976    | Access; Clean and Inspection |
| 295  | 8     | SSMHT0001939-SSMHT0001940 | D      | SS.GM.T0006557     | 314         | 6             | Point Repair 24 ft                                                    | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 296  | 8     | SSMHT0001940-SSMHT0001946 | C      | SS.GM.T0006570     | 150         | 6             | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |
| 297  | 8     | SSMHT0001941-SSMHT0001940 | C      | SS.GM.T0006571     | 290         | 6             | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |
| 298  | 8     | SSMHT0001942-SSMHT0001941 | C      | SS.GM.T0006572     | 298         | 6             | Point Repair at 79 ft                                                 | \$ 4,750    | \$ -        | Monitor in CMOM              |
| 299  | 8     | SSMHT0001943-SSMHT0012888 | D      | SS.GM.T0006551     | 842         | 6             | Construct Manhole at 297 ft and Pipe Burst to 8" - 1 svc              | \$ 68,190   | \$ 68,190   | Pipe Burst or Replace        |
| 300  | 8     | SSMHT0001944-SSMHT0001943 | C      | SS.GM.T0006552     | 314         | 6             | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |
| 301  | 8     | SSMHT0001945-SSMHT0001944 | C      | SS.GM.T0006553     | 304         | 6             | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |
| 302  | 8     | SSMHT0001946-SSMHT0001947 | C      | SS.GM.T0007583     | 253         | 6             | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |
| 303  | 8     | SSMHT0001947-SSMHT0002022 | C      | SS.GM.T0007584     | 447         | 6             | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |
| 304  | 8     | SSMHT0001948-SSMHT0001083 | D      | SS.GM.T0006565     | 412         | 8             | Remove Roots; CIPP                                                    | \$ 39,557   | \$ 39,557   | Cured In Place Pipe Liner    |
| 305  | 8     | SSMHT0001964-SSMHT0001033 | C      | SS.GM.T0005640     | 57          | 6             | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |
| 306  | 8     | SSMHT0001965-SSMHT0001964 | C      | SS.GM.T0005637     | 466         | 6             | Place on High Frequency Cleaning List                                 | \$ -        | \$ -        | Monitor in CMOM              |
| 307  | 8     | SSMHT0001966-SSMHT0001076 | D      | SS.GM.T0006651     | 348         | 8             | Replace Entire Line                                                   | \$ 70,800   | \$ 70,800   | Replace Mainline             |
| 308  | 8     | SSMHT0001967-SSMHT0001969 | C      | SS.GM.T0007608     | 146         | 6             | No Rehabilitation Recommended                                         | \$ -        | \$ -        | Monitor in CMOM              |

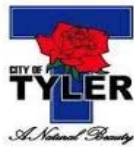


## Mainline Remediation Plan

| Remedial Measure Description        | Quantity | Remediation Plan |
|-------------------------------------|----------|------------------|
| Access; Clean and Inspection (l.f.) | 23,344   | \$ 248,528       |
| Monitor in CMOM (l.f.)              | 189,044  | \$ -             |
| Pipe Burst or Replace (l.f.)        | 35,752   | \$ 3,550,065     |
| Point Repair (ea.)                  | 280      | \$ 1,295,555     |
| Replace Mainline (l.f.)             | 4,583    | \$ 905,950       |
| Cured In Place Pipe Liner (l.f.)    | 5,787    | \$ 409,550       |
|                                     |          | \$ 6,409,648     |

| Item | Basin | Pipe Segment               | Rating | City Pipe Asset ID | Pipe Length | Pipe Diameter | Rehabilitation Recommendation                               | Repair Cost | Recommended | Remediation Plan             |
|------|-------|----------------------------|--------|--------------------|-------------|---------------|-------------------------------------------------------------|-------------|-------------|------------------------------|
| 309  | 8     | SSMHT0001968-SSMHT0001967  | C      | SS.GM.T0007607     | 280         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 310  | 8     | SSMHT0001969-SSMHT0013003  | C      | SS.GM.T0013164     | 155         | 6             | Burst to 8" - 0 svc                                         | \$ 11,625   | \$ -        | Monitor in CMOM              |
| 311  | 8     | SSMHT0001970-SSMHT0001966  | C      | SS.GM.T0006650     | 325         | 8             | Point Repair at 304 ft from 01970                           | \$ 4,750    | \$ -        | Monitor in CMOM              |
| 312  | 8     | SSMHT0001971-SSMHT0001079  | C      | SS.GM.T0006666     | 271         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 313  | 8     | SSMHT0001972-SSMHT0001948  | C      | SS.GM.T0006567     | 603         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 314  | 8     | SSMHT0001976-SSMHT0002023  | D      | SS.GM.T0006659     | 262         | 12            | Access; Clean and CCTV                                      | \$ 2,620    | \$ 2,620    | Access; Clean and Inspection |
| 315  | 8     | SSMHT0001977-SSMHT0002018  | D      | SS.GM.T0006657     | 480         | 12            | Access; Clean and CCTV                                      | \$ 4,800    | \$ 4,800    | Access; Clean and Inspection |
| 316  | 8     | SSMHT0001978-SSMHT0001038  | D      |                    | 475         | 21            | Access; Clean and CCTV                                      | \$ 7,125    | \$ 7,125    | Access; Clean and Inspection |
| 317  | 8     | SSMHT0001979-SSMHT0001981  | C      |                    | 671         | 21            | CIPP - 0 svc (No MH 01980) 01979 to 01981 = 671 ft          | \$ 77,165   | \$ -        | Monitor in CMOM              |
| 318  | 8     | SSMHT0001981-SSMHT0001982  | D      | SS.GM.T0007625     | 435         | 21            | Access; Clean and CCTV                                      | \$ 6,525    | \$ 6,525    | Access; Clean and Inspection |
| 319  | 8     | SSMHT0001982-SSMHT0001978  | D      |                    | 181         | 21            | Access; Clean and CCTV                                      | \$ 2,715    | \$ 2,715    | Access; Clean and Inspection |
| 320  | 8     | SSMHT0001983-SSMHT0013048  | D      | SS.GM.T0013189     | 404         | 12            | Access; Clean and CCTV                                      | \$ 4,040    | \$ 4,040    | Access; Clean and Inspection |
| 321  | 8     | SSMHT0002004-SSMHT0012929  | C      | SS.GM.T0005906     | 82          | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 322  | 8     | SSMHT0002005-SSMHT0002004  | C      | SS.GM.T0005611     | 183         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 323  | 8     | SSMHT0002006-SSMHT0002008  | C      | SS.GM.T0007667     | 265         | 8             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 324  | 8     | SSMHT0002007-SSMHT0002008  | C      | SS.GM.T0005610     | 220         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 325  | 8     | SSMHT0002008-SSMHT0001039  | C      | SS.GM.T0003878     | 266         | 8             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 326  | 8     | SSMHT0002009-SSMHT0002020  | D      | SS.GM.T0007664     | 217         | 6             | Point Repair at 94 ft from 02009                            | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 327  | 8     | SSMHT0002010-SSMHT0002012  | D      | SS.GM.T0007972     | 478         | 6             | Burst to 8" - 10 svc                                        | \$ 47,850   | \$ 47,850   | Pipe Burst or Replace        |
| 328  | 8     | SSMHT0002012-SSMHT00020035 | C      |                    | 257         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 329  | 8     | SSMHT0002013-SSMHT0002012  | C      | SS.GM.T0007674     | 256         | 6             | Place on Root Removal Schedule                              | \$ -        | \$ -        | Monitor in CMOM              |
| 330  | 8     | SSMHT0002014-SSMHT0002013  | C      | SS.GM.T0007675     | 89          | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 331  | 8     | SSMHT0002015-SSMHT0002009  | D      | SS.GM.T0007969     | 392         | 6             | Burst to 8" - 0 svc                                         | \$ 29,400   | \$ 29,400   | Pipe Burst or Replace        |
| 332  | 8     | SSMHT0002016-SSMHT0002015  | D      | SS.GM.T0005614     | 176         | 6             | Pipe Burst to 8" - 4 svc                                    | \$ 20,875   | \$ 20,875   | Pipe Burst or Replace        |
| 333  | 8     | SSMHT0002018-SSMHT0002019  | D      | SS.GM.T0006656     | 520         | 12            | Access; Clean and CCTV                                      | \$ 5,200    | \$ 5,200    | Access; Clean and Inspection |
| 334  | 8     | SSMHT0002019-SSMHT0001983  | D      | SS.GM.T0006655     | 235         | 12            | Access; Clean and CCTV                                      | \$ 2,350    | \$ 2,350    | Access; Clean and Inspection |
| 335  | 8     | SSMHT0002020-SSMHT0002004  | D      | SS.GM.T0007663     | 164         | 6             | Point Repair at 25 ft from 02004                            | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 336  | 8     | SSMHT0002021-SSMHT0002020  | D      | SS.GM.T0005612     | 374         | 6             | Burst to 8" - 2 svc (Note section of Iron Pipe)             | \$ 32,975   | \$ 32,975   | Pipe Burst or Replace        |
| 337  | 8     | SSMHT0002022-SSMHT0001948  | C      | SS.GM.T0007351     | 361         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 338  | 8     | SSMHT0002023-SSMHT0001977  | D      | SS.GM.T0006658     | 453         | 12            | Access; Clean and CCTV                                      | \$ 3,624    | \$ 3,624    | Access; Clean and Inspection |
| 339  | 8     | SSMHT0002024-SSMHT0001763  | D      | SS.GM.T0006901     | 95          | 21            | Access; Clean and CCTV                                      | \$ 1,425    | \$ 1,425    | Access; Clean and Inspection |
| 340  | 8     | SSMHT0002025-SSMHT0001904  | D      | SS.GM.T0007687     | 92          | 18            | Access; Clean and CCTV                                      | \$ 1,196    | \$ 1,196    | Access; Clean and Inspection |
| 341  | 8     | SSMHT0002026-SSMHT0001823  | D      | SS.GM.T0006748     | 493         | 6             | Point Repair at 262 ft from 02026                           | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 342  | 8     | SSMHT0002027-SSMHT0001803  | D      | SS.GM.T0006728     | 400         | 6             | Point Repair at 322 and 360 ft (Line thru pipe) from 02027; | \$ 9,500    | \$ 9,500    | Point Repair                 |
| 343  | 8     | SSMHT0002028-SSMHT0002027  | D      | SS.GM.T0006727     | 649         | 6             | Point Repair at 110 ft from 02028                           | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 344  | 8     | SSMHT0002029-SSMHT0002030  | D      | SS.GM.T0006751     | 429         | 6             | Point Repair at 286 ft from 02029                           | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 345  | 8     | SSMHT0002030-SSMHT0001809  | C      | SS.GM.T0006745     | 477         | 6             | Point Repair at 173 ft from 02030                           | \$ 4,750    | \$ -        | Monitor in CMOM              |
| 346  | 8     | SSMHT0002031-SSMHT0012876  | D      | SS.GM.T0006776     | 1106        | 8             | CIPP - 21 svc                                               | \$ 57,019   | \$ 57,019   | Cured In Place Pipe Liner    |
| 347  | 8     | SSMHT0002032-SSMHT0001826  | D      | SS.GM.T0006910     | 522         | 6             | Burst to 8" - 1 svc                                         | \$ 40,900   | \$ 40,900   | Pipe Burst or Replace        |
| 348  | 8     | SSMHT0002033-SSMHT0001937  | C      | SS.GM.T0006778     | 37          | 6             | Pipe Burst to 8" - 1 svc                                    | \$ 6,850    | \$ -        | Monitor in CMOM              |
| 349  | 8     | SSMHT0002034-SSMHT0001850  | C      | SS.GM.T0007690     | 164         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 350  | 8     | SSMHT0002035-SSMHT0002034  | C      | SS.GM.T0007691     | 233         | 8             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 351  | 8     | SSMHT0002036-SSMHT0009986  | C      | SS.GM.T0006906     | 103         | 8             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 352  | 8     | SSMHT0002037-SSMHT0001853  | C      | SS.GM.T0007061     | 196         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |





## Mainline Remediation Plan

| Remedial Measure Description        | Quantity | Remediation Plan |
|-------------------------------------|----------|------------------|
| Access; Clean and Inspection (I.f.) | 23,344   | \$ 248,528       |
| Monitor in CMOM (I.f.)              | 189,044  | \$ -             |
| Pipe Burst or Replace (I.f.)        | 35,752   | \$ 3,550,065     |
| Point Repair (ea.)                  | 280      | \$ 1,295,555     |
| Replace Mainline (I.f.)             | 4,583    | \$ 905,950       |
| Cured In Place Pipe Liner (I.f.)    | 5,787    | \$ 409,550       |
|                                     |          | \$ 6,409,648     |

| Item | Basin | Pipe Segment                | Rating | City Pipe Asset ID | Pipe Length | Pipe Diameter | Rehabilitation Recommendation                                    | Repair Cost | Recommended | Remediation Plan             |
|------|-------|-----------------------------|--------|--------------------|-------------|---------------|------------------------------------------------------------------|-------------|-------------|------------------------------|
| 353  | 8     | SSMHT0002038-SSMHT0002664   | C      | SS.GM.T0007179     | 45          | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 354  | 8     | SSMHT0002040-SSMHT0002609   | C      | SS.GM.T0006918     | 202         | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 355  | 8     | SSMHT0002041-SSMHT0001828   | C      | SS.GM.T0006724     | 186         | 6             | Burst to 8" - 2 SVC                                              | \$ 17,450   | \$ -        | Monitor in CMOM              |
| 356  | 8     | SSMHT0002100-SSMHT00020022  | C      |                    | 553         | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 357  | 8     | SSMHT0002147-SSMHT0001855   | C      | SS.GM.T0007216     | 402         | 6             | Place on Root Removal Schedule                                   | \$ -        | \$ -        | Monitor in CMOM              |
| 358  | 15    | SSMHT0002534-SSMHT0002969   | C      | SS.GM.T0009707     | 155         | 12            | Point Repair at 75 ft from 02534                                 | \$ 4,750    | \$ -        | Monitor in CMOM              |
| 359  | 8     | SSMHT0002535-SSMHT0000898   | D      | SS.GM.T0007372     | 172         | 6             | Point Repair 160 to 180 ft from 02535                            | \$ 9,500    | \$ 9,500    | Point Repair                 |
| 360  | 8     | SSMHT0002536-SSMHT0002535   | D      | SS.GM.T0005591     | 223         | 6             | Burst to 8" - 4 svc                                              | \$ 23,875   | \$ 23,875   | Pipe Burst or Replace        |
| 361  | 8     | SSMHT0002537-SSMHT0001740   | D      | SS.GM.T0007374     | 344         | 6             | Point Repair at 38,97,194 and 269 ft from 02537                  | \$ 19,000   | \$ 19,000   | Point Repair                 |
| 362  | 8     | SSMHT0002538-SSMHT0002537   | E      | SS.GM.T0007373     | 381         | 6             | Point Repair at 358 ft from 02537                                | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 363  | 8     | SSMHT0002539-SSMHT0001732   | D      | SS.GM.T0007381     | 266         | 8             | Replace Line                                                     | \$ 53,200   | \$ 53,200   | Replace Mainline             |
| 364  | 8     | SSMHT0002540-SSMHT0002542   | D      | SS.GM.T0007015     | 86          | 8             | CIPP - 5 svc                                                     | \$ 7,769    | \$ 7,769    | Cured In Place Pipe Liner    |
| 365  | 8     | SSMHT0002541-SSMHT0002540   | E      | SS.GM.T0007016     | 218         | 8             | Burst to 8"                                                      | \$ 16,350   | \$ 16,350   | Pipe Burst or Replace        |
| 366  | 8     | SSMHT0002542-SSMHT0002539   | D      |                    | 187         | 8             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 367  | 8     | SSMHT0002543-SSMHT0002026   | C      |                    | 759         | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 368  | 8     | SSMHT0002544-SSMHT0002539   | C      | SS.GM.T0006381     | 692         | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 369  | 8     | SSMHT0002545-SSMHT0001736   | D      | SS.GM.T0007368     | 437         | 6             | Point Repair at 115 ft from 02545                                | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 370  | 8     | SSMHT0002546-SSMHT0002560   | D      | SS.GM.T0006612     | 361         | 6             | Burst to 8" - 0 svc                                              | \$ 27,075   | \$ 27,075   | Pipe Burst or Replace        |
| 371  | 8     | SSMHT0002547-SSMHT0002549   | C      | SS.GM.T0007529     | 381         | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 372  | 8     | SSMHT0002548-SSMHT0002547   | D      | SS.GM.T0007530     | 410         | 6             | Point Repair 5 ft from 02547                                     | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 373  | 8     | SSMHT0002549-SSMHT0002550   | C      | SS.GM.T0007528     | 208         | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 374  | 8     | SSMHT0002550-SSMHT0002555   | D      | SS.GM.T0006443     | 297         | 6             | Burst to 8" - 3 svc                                              | \$ 27,675   | \$ 27,675   | Pipe Burst or Replace        |
| 375  | 8     | SSMHT0002551-SSMHT0002552   | D      | SS.GM.T0006427     | 467         | 8             | Burst - 0 svc                                                    | \$ 38,325   | \$ 38,325   | Pipe Burst or Replace        |
| 376  | 8     | SSMHT0002552-SSMHT0002553   | D      | SS.GM.T0006426     | 329         | 8             | Burst - 0 svc (Note section of iron pipe)                        | \$ 24,675   | \$ 24,675   | Pipe Burst or Replace        |
| 377  | 8     | SSMHT0002553-SSMHT0001716   | D      | SS.GM.T0006425     | 214         | 8             | Replace 0 to 70 ft from 02553 (Note Iron Pipe)                   | \$ 14,000   | \$ 14,000   | Replace Mainline             |
| 378  | 8     | SSMHT0002554-SSMHT0001717   | C      | SS.GM.T0007526     | 310         | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 379  | 8     | SSMHT0002555-SSMHT0002554   | C      | SS.GM.T0007527     | 301         | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 380  | 8     | SSMHT0002556-SSMHT0000941   | D      | SS.GM.T0006948     | 242         | 8             | Clean and CCTV                                                   | \$ 1,936    | \$ 1,936    | Access; Clean and Inspection |
| 381  | 8     | SSMHT0002557-SSMHT00020030A | C      |                    | 82          | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 382  | 8     | SSMHT0002558-SSMHT0012923   | D      | SS.GM.T0006602     | 193         | 6             | Burst to 8" - 1 svc                                              | \$ 16,225   | \$ 16,225   | Pipe Burst or Replace        |
| 383  | 8     | SSMHT0002559-SSMHT0002560   | C      | SS.GM.T0006605     | 188         | 8             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 384  | 8     | SSMHT0002560-SSMHT0002556   | D      | SS.GM.T0006734     | 329         | 8             | Access; Clean and CCTV                                           | \$ 2,632    | \$ 2,632    | Access; Clean and Inspection |
| 385  | 8     | SSMHT0002561-SSMHT0002562   | D      | SS.GM.T0005227     | 710         | 6             | Burst to 8" - 17 svc                                             | \$ 82,475   | \$ 82,475   | Pipe Burst or Replace        |
| 386  | 8     | SSMHT0002562-SSMHT0002569   | C      | SS.GM.T0007508     | 94          | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 387  | 8     | SSMHT0002563-SSMHT0002991   | E      | SS.GM.T0007998     | 289         | 6             | Point Repair 215 ft from 02563                                   | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 388  | 8     | SSMHT0002564-SSMHT0002567   | D      | SS.GM.T0005217     | 275         | 6             | Point Repair at 110 and 165 ft from 02564                        | \$ 9,500    | \$ 9,500    | Point Repair                 |
| 389  | 8     | SSMHT0002565-SSMHT0002566   | C      | SS.GM.T0007501     | 267         | 6             | Sectional Liner from 0 to 80 ft from 02565; Add to Root Schedule | \$ 16,000   | \$ -        | Monitor in CMOM              |
| 390  | 8     | SSMHT0002566-SSMHT0002570   | D      | SS.GM.T0007502     | 371         | 6             | Point Repair at 65 ft from 02566; Add to Root Schedule           | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 391  | 8     | SSMHT0002567-SSMHT0002566   | D      | SS.GM.T0005219     | 215         | 6             | Point Repair at 2 and 112 ft from 02567                          | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 392  | 8     | SSMHT0002568-SSMHT0002572   | D      | SS.GM.T0005221     | 343         | 6             | Burst to 8" - 8 svc                                              | \$ 39,500   | \$ 39,500   | Pipe Burst or Replace        |
| 393  | 8     | SSMHT0002569-SSMHT0002568   | C      | SS.GM.T0007507     | 352         | 6             | Burst to 8" - 6 svc                                              | \$ 36,600   | \$ -        | Monitor in CMOM              |
| 394  | 8     | SSMHT0002570-SSMHT0002576   | C      | SS.GM.T0005253     | 339         | 6             | Add to Root Removal Schedule                                     | \$ -        | \$ -        | Monitor in CMOM              |
| 395  | 8     | SSMHT0002571-SSMHT0002570   | C      | SS.GM.T0007503     | 124         | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 396  | 8     | SSMHT0002572-SSMHT0002575   | D      | SS.GM.T0007506     | 340         | 6             | Point Repair at 16 ft from 02575                                 | \$ 4,750    | \$ 4,750    | Point Repair                 |



# Mainline Remediation Plan

| Remedial Measure Description        | Quantity | Remediation Plan |
|-------------------------------------|----------|------------------|
| Access; Clean and Inspection (l.f.) | 23,344   | \$ 248,528       |
| Monitor in CMOM (l.f.)              | 189,044  | \$ -             |
| Pipe Burst or Replace (l.f.)        | 35,752   | \$ 3,550,065     |
| Point Repair (ea.)                  | 280      | \$ 1,295,555     |
| Replace Mainline (l.f.)             | 4,583    | \$ 905,950       |
| Cured In Place Pipe Liner (l.f.)    | 5,787    | \$ 409,550       |
|                                     |          | \$ 6,409,648     |

| Item | Basin | Pipe Segment              | Rating | City Pipe Asset ID | Pipe Length | Pipe Diameter | Rehabilitation Recommendation                           | Repair Cost | Recommended | Remediation Plan      |
|------|-------|---------------------------|--------|--------------------|-------------|---------------|---------------------------------------------------------|-------------|-------------|-----------------------|
| 397  | 8     | SSMHT0002573-SSMHT0002574 | C      | SS.GM.T0007510     | 252         | 6             | No Rehabilitation Recommended                           | \$ -        | \$ -        | Monitor in CMOM       |
| 398  | 8     | SSMHT0002574-SSMHT0012919 | C      | SS.GM.T0007511     | 49          | 6             | No Rehabilitation Recommended                           | \$ -        | \$ -        | Monitor in CMOM       |
| 399  | 8     | SSMHT0002575-SSMHT0002587 | D      | SS.GM.T0007505     | 351         | 6             | Burst to 8" - 10 svc                                    | \$ 42,475   | \$ 42,475   | Pipe Burst or Replace |
| 400  | 8     | SSMHT0002576-SSMHT0002586 | C      | SS.GM.T0005251     | 115         | 6             | No Rehabilitation Recommended                           | \$ -        | \$ -        | Monitor in CMOM       |
| 401  | 8     | SSMHT0002578-SSMHT0020019 | C      |                    | 572         | 6             | No Rehabilitation Recommended                           | \$ -        | \$ -        | Monitor in CMOM       |
| 402  | 8     | SSMHT0002579-SSMHT0002558 | C      | SS.GM.T0006603     | 484         | 6             | Burst to 8" - 3 svc                                     | \$ 32,625   | \$ -        | Monitor in CMOM       |
| 403  | 8     | SSMHT0002580-SSMHT0002562 | C      | SS.GM.T0005226     | 429         | 6             | Burst to 8" - 4 svc                                     | \$ 38,875   | \$ -        | Monitor in CMOM       |
| 404  | 8     | SSMHT0002583-SSMHT0002584 | C      | SS.GM.T0006609     | 175         | 6             | Point Repair at 5 ft from 02584                         | \$ 4,750    | \$ -        | Monitor in CMOM       |
| 405  | 8     | SSMHT0002584-SSMHT0002585 | D      | SS.GM.T0006608     | 333         | 6             | Point Repair at 244 ft from 02584; Add to Root Schedule | \$ 4,750    | \$ 4,750    | Point Repair          |
| 406  | 8     | SSMHT0002585-SSMHT0012923 | C      | SS.GM.T0006607     | 213         | 6             | Contruct Manhole at 12923                               | \$ 7,500    | \$ -        | Monitor in CMOM       |
| 407  | 8     | SSMHT0002586-SSMHT0002992 | C      | SS.GM.T0005250     | 216         | 6             | No Rehabilitation Recommended                           | \$ -        | \$ -        | Monitor in CMOM       |
| 408  | 8     | SSMHT0002587-SSMHT0012917 | D      | SS.GM.T0005245     | 193         | 6             | Point Repair at 60 to 115 ft from 02587                 | \$ 11,000   | \$ 11,000   | Point Repair          |
| 409  | 8     | SSMHT0002588-SSMHT0002589 | C      | SS.GM.T0007514     | 51          | 12            | No Rehabilitation Recommended                           | \$ -        | \$ -        | Monitor in CMOM       |
| 410  | 8     | SSMHT0002589-SSMHT0002590 | C      | SS.GM.T0007515     | 295         | 12            | No Rehabilitation Recommended                           | \$ -        | \$ -        | Monitor in CMOM       |
| 411  | 8     | SSMHT0002590-SSMHT0002591 | C      | SS.GM.T0007516     | 104         | 12            | No Rehabilitation Recommended                           | \$ -        | \$ -        | Monitor in CMOM       |
| 412  | 8     | SSMHT0002591-SSMHT0002611 | C      | SS.GM.T0007519     | 320         | 12            | No Rehabilitation Recommended                           | \$ -        | \$ -        | Monitor in CMOM       |
| 413  | 8     | SSMHT0002592-SSMHT0002588 | C      | SS.GM.T0005207     | 396         | 8             | No Rehabilitation Recommended                           | \$ -        | \$ -        | Monitor in CMOM       |
| 414  | 8     | SSMHT0002593-SSMHT0002592 | C      | SS.GM.T0005204     | 232         | 12            | No Rehabilitation Recommended                           | \$ -        | \$ -        | Monitor in CMOM       |
| 415  | 8     | SSMHT0002594-SSMHT0002593 | C      | SS.GM.T0005203     | 328         | 12            | No Rehabilitation Recommended                           | \$ -        | \$ -        | Monitor in CMOM       |
| 416  | 8     | SSMHT0002595-SSMHT0002594 | C      | SS.GM.T0005201     | 108         | 6             | Point Repair 94 ft from 02595                           | \$ 4,750    | \$ -        | Monitor in CMOM       |
| 417  | 8     | SSMHT0002596-SSMHT0002594 | C      | SS.GM.T0005256     | 337         | 6             | Point Repair 50 ft from 02596                           | \$ 4,750    | \$ -        | Monitor in CMOM       |
| 418  | 8     | SSMHT0002597-SSMHT0020020 | C      |                    | 357         | 6             | No Rehabilitation Recommended                           | \$ -        | \$ -        | Monitor in CMOM       |
| 419  | 8     | SSMHT0002598-SSMHT0002604 | C      | SS.GM.T0006677     | 347         | 6             | Point Repair at 82 and 132 ft from 02598                | \$ 9,500    | \$ -        | Monitor in CMOM       |
| 420  | 8     | SSMHT0002599-SSMHT0002598 | D      | SS.GM.T0006679     | 201         | 6             | Point Repair at 44, 55, and 65 ft from 02599            | \$ 14,250   | \$ 14,250   | Point Repair          |
| 421  | 8     | SSMHT0002600-SSMHT0002603 | C      | SS.GM.T0007517     | 551         | 6             | No Rehabilitation Recommended                           | \$ -        | \$ -        | Monitor in CMOM       |
| 422  | 8     | SSMHT0002601-SSMHT0002602 | D      | SS.GM.T0005211     | 388         | 6             | Point Repair at 62 ft from 02601                        | \$ 4,750    | \$ 4,750    | Point Repair          |
| 423  | 8     | SSMHT0002602-SSMHT0002611 | D      | SS.GM.T0005210     | 267         | 6             | Point Repair at 10 and 102 ft from 02602                | \$ 9,500    | \$ 9,500    | Point Repair          |
| 424  | 8     | SSMHT0002603-SSMHT0002040 | C      | SS.GM.T0007518     | 221         | 6             | No Rehabilitation Recommended                           | \$ -        | \$ -        | Monitor in CMOM       |
| 425  | 8     | SSMHT0002604-SSMHT0012916 | C      | SS.GM.T0006676     | 349         | 6             | Burst to 8" - 7 svc                                     | \$ 38,350   | \$ -        | Monitor in CMOM       |
| 426  | 8     | SSMHT0002605-SSMHT0002606 | C      | SS.GM.T0007523     | 16          | 10            | No Rehabilitation Recommended                           | \$ -        | \$ -        | Monitor in CMOM       |
| 427  | 8     | SSMHT0002606-SSMHT0002607 | C      | SS.GM.T0007524     | 385         | 12            | No Rehabilitation Recommended                           | \$ -        | \$ -        | Monitor in CMOM       |
| 428  | 8     | SSMHT0002607-SSMHT0002608 | C      | SS.GM.T0007525     | 26          | 15            | No Rehabilitation Recommended                           | \$ -        | \$ -        | Monitor in CMOM       |
| 429  | 8     | SSMHT0002608-SSMHT0001839 | C      | SS.GM.T0006685     | 414         | 12            | No Rehabilitation Recommended                           | \$ -        | \$ -        | Monitor in CMOM       |
| 430  | 8     | SSMHT0002609-SSMHT0002605 | D      | SS.GM.T0007522     | 364         | 10            | Point Repair at 342 ft from 02609                       | \$ 4,750    | \$ 4,750    | Point Repair          |
| 431  | 8     | SSMHT0002610-SSMHT0002609 | D      | SS.GM.T0007521     | 265         | 12            | Pont Repair at 4 ft from 02609; Heavy Cleaning          | \$ 6,325    | \$ 6,325    | Point Repair          |
| 432  | 8     | SSMHT0002611-SSMHT0002610 | C      | SS.GM.T0007520     | 29          | 12            | No Rehabilitation Recommended                           | \$ -        | \$ -        | Monitor in CMOM       |
| 433  | 8     | SSMHT0002612-SSMHT0002654 | C      | SS.GM.T0007546     | 209         | 8             | No Rehabilitation Recommended                           | \$ -        | \$ -        | Monitor in CMOM       |
| 434  | 8     | SSMHT0002613-SSMHT0002612 | C      | SS.GM.T0006674     | 252         | 8             | No Rehabilitation Recommended                           | \$ -        | \$ -        | Monitor in CMOM       |
| 435  | 8     | SSMHT0002614-SSMHT0002613 | C      | SS.GM.T0006673     | 512         | 6             | Burst to 8" - 10 svc                                    | \$ 55,900   | \$ -        | Monitor in CMOM       |
| 436  | 8     | SSMHT0002615-SSMHT0002614 | C      | SS.GM.T0006671     | 46          | 6             | No Rehabilitation Recommended                           | \$ -        | \$ -        | Monitor in CMOM       |
| 437  | 8     | SSMHT0002616-SSMHT0002652 | C      | SS.GM.T0007151     | 420         | 8             | No Rehabilitation Recommended                           | \$ -        | \$ -        | Monitor in CMOM       |
| 438  | 8     | SSMHT0002617-SSMHT0002616 | D      | SS.GM.T0007150     | 95          | 8             | Point Repair at 39 ft from 02617                        | \$ 4,750    | \$ 4,750    | Point Repair          |
| 439  | 8     | SSMHT0002618-SSMHT0002645 | C      | SS.GM.T0007547     | 72          | 6             | No Rehabilitation Recommended                           | \$ -        | \$ -        | Monitor in CMOM       |
| 440  | 8     | SSMHT0002619-SSMHT0001931 | D      | SS.GM.T0007212     | 305         | 6             | Sectional Liner from 230 to 255 ft from 02619           | \$ 7,000    | \$ 7,000    | Point Repair          |



## Mainline Remediation Plan

| Remedial Measure Description        | Quantity | Remediation Plan |
|-------------------------------------|----------|------------------|
| Access; Clean and Inspection (I.f.) | 23,344   | \$ 248,528       |
| Monitor in CMOM (I.f.)              | 189,044  | \$ -             |
| Pipe Burst or Replace (I.f.)        | 35,752   | \$ 3,550,065     |
| Point Repair (ea.)                  | 280      | \$ 1,295,555     |
| Replace Mainline (I.f.)             | 4,583    | \$ 905,950       |
| Cured In Place Pipe Liner (I.f.)    | 5,787    | \$ 409,550       |
|                                     |          | \$ 6,409,648     |

| Item | Basin | Pipe Segment              | Rating | City Pipe Asset ID | Pipe Length | Pipe Diameter | Rehabilitation Recommendation                                  | Repair Cost | Recommended | Remediation Plan          |
|------|-------|---------------------------|--------|--------------------|-------------|---------------|----------------------------------------------------------------|-------------|-------------|---------------------------|
| 441  | 8     | SSMHT0002620-SSMHT0001837 | C      | SS.GM.T0007143     | 485         | 8             | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM           |
| 442  | 8     | SSMHT0002621-SSMHT0002626 | D      | SS.GM.T0006713     | 380         | 6             | Point Repair at 207 ft from 02626                              | \$ 4,750    | \$ 4,750    | Point Repair              |
| 443  | 8     | SSMHT0002622-SSMHT0002623 | D      | SS.GM.T0006699     | 358         | 12            | CIPP - 2 svc                                                   | \$ 58,276   | \$ 58,276   | Cured In Place Pipe Liner |
| 444  | 8     | SSMHT0002623-SSMHT0002624 | C      | SS.GM.T0006698     | 69          | 12            | CIPP - 0 svc (Structural)                                      | \$ 4,420    | \$ -        | Monitor in CMOM           |
| 445  | 8     | SSMHT0002624-SSMHT0002625 | C      | SS.GM.T0006715     | 64          | 12            | CIPP - 0 svc                                                   | \$ 4,225    | \$ -        | Monitor in CMOM           |
| 446  | 8     | SSMHT0002625-SSMHT0002687 | D      | SS.GM.T0006716     | 54          | 12            | CIPP - 0 svc                                                   | \$ 1,300    | \$ 1,300    | Cured In Place Pipe Liner |
| 447  | 8     | SSMHT0002626-SSMHT0002625 | C      | SS.GM.T0006714     | 125         | 6             | Place on High Frequency Cleaning List                          | \$ -        | \$ -        | Monitor in CMOM           |
| 448  | 8     | SSMHT0002627-SSMHT0001835 | C      | SS.GM.T0006718     | 283         | 12            | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM           |
| 449  | 8     | SSMHT0002628-SSMHT0002591 | C      | SS.GM.T0005209     | 422         | 6             | Point Repair at 170 and 412 ft from 02628                      | \$ 9,500    | \$ -        | Monitor in CMOM           |
| 450  | 8     | SSMHT0002632-SSMHT0012883 | D      |                    | 935         | 6             | Install Manhole at Tee (2631); Burst to 8" - 3 svc             | \$ 60,830   | \$ 60,830   | Pipe Burst or Replace     |
| 451  | 8     | SSMHT0002633-SSMHT0002632 | C      | SS.GM.T0007541     | 225         | 6             | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM           |
| 452  | 8     | SSMHT0002634-SSMHT0002633 | C      | SS.GM.T0007540     | 340         | 6             | Point Repair 33 ft from 02633                                  | \$ 4,750    | \$ -        | Monitor in CMOM           |
| 453  | 8     | SSMHT0002635-SSMHT0002632 | C      | SS.GM.T0007542     | 311         | 6             | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM           |
| 454  | 8     | SSMHT0002636-SSMHT0002635 | E      | SS.GM.T0003683     | 425         | 6             | Point Repair at 149 ft from 02635                              | \$ 4,750    | \$ 4,750    | Point Repair              |
| 455  | 8     | SSMHT0002637-SSMHT0002638 | D      | SS.GM.T0005197     | 361         | 6             | Burst to 8" -3 svc                                             | \$ 32,325   | \$ 32,325   | Pipe Burst or Replace     |
| 456  | 8     | SSMHT0002638-SSMHT0002628 | D      | SS.GM.T0005191     | 553         | 6             | Point Repair 150, 164 and 234 from 02628                       | \$ 14,250   | \$ 14,250   | Point Repair              |
| 457  | 8     | SSMHT0002639-SSMHT0002638 | D      | SS.GM.T0005192     | 289         | 6             | Burst to 8" - 4 svc                                            | \$ 26,275   | \$ 26,275   | Pipe Burst or Replace     |
| 458  | 8     | SSMHT0002640-SSMHT0012882 | D      | SS.GM.T0007993     | 190         | 12            | Point Repair 242 to 252 ft from 02640                          | \$ 9,500    | \$ 9,500    | Point Repair              |
| 459  | 8     | SSMHT0002641-SSMHT0002642 | C      | SS.GM.T0006689     | 229         | 6             | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM           |
| 460  | 8     | SSMHT0002642-SSMHT0002644 | C      | SS.GM.T0007543     | 167         | 6             | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM           |
| 461  | 8     | SSMHT0002643-SSMHT0002644 | C      | SS.GM.T0006693     | 47          | 12            | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM           |
| 462  | 8     | SSMHT0002644-SSMHT0002645 | C      | SS.GM.T0007991     | 305         | 12            | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM           |
| 463  | 8     | SSMHT0002645-SSMHT0012874 | C      | SS.GM.T0004076     | 136         | 12            | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM           |
| 464  | 8     | SSMHT0002646-SSMHT0005677 | D      | SS.GM.T0006845     | 276         | 6             | Burst to 8" - 0 svc                                            | \$ 20,700   | \$ 20,700   | Pipe Burst or Replace     |
| 465  | 8     | SSMHT0002647-SSMHT0002653 | D      | SS.GM.T0006704     | 425         | 6             | Replace Line                                                   | \$ 85,000   | \$ 85,000   | Replace Mainline          |
| 466  | 8     | SSMHT0002648-SSMHT0002647 | D      | SS.GM.T0006705     | 162         | 6             | Burst to 8" - 0 svc                                            | \$ 12,150   | \$ 12,150   | Pipe Burst or Replace     |
| 467  | 8     | SSMHT0002649-SSMHT0002648 | C      | SS.GM.T0006706     | 266         | 6             | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM           |
| 468  | 8     | SSMHT0002650-SSMHT0002649 | C      | SS.GM.T0006707     | 65          | 6             | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM           |
| 469  | 8     | SSMHT0002651-SSMHT0002649 | C      | SS.GM.T0006709     | 131         | 6             | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM           |
| 470  | 8     | SSMHT0002651-SSMHT0002650 | C      | SS.GM.T0006708     | 116         | 6             | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM           |
| 471  | 8     | SSMHT0002652-SSMHT0002654 | D      | SS.GM.T0007149     | 584         | 8             | CIPP structural - 21 svc                                       | \$ 42,240   | \$ 42,240   | Cured In Place Pipe Liner |
| 472  | 8     | SSMHT0002653-SSMHT0002620 | C      | SS.GM.T0007146     | 365         | 8             | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM           |
| 473  | 8     | SSMHT0002654-SSMHT0002653 | C      | SS.GM.T0007148     | 181         | 8             | CIPP - 3 svc                                                   | \$ 7,909    | \$ -        | Monitor in CMOM           |
| 474  | 8     | SSMHT0002655-SSMHT0012931 | D      | SS.GM.T0007155     | 11          | 6             | Replace Line                                                   | \$ 4,750    | \$ 4,750    | Replace Mainline          |
| 475  | 8     | SSMHT0002656-SSMHT0002657 | C      | SS.GM.T0007185     | 327         | 6             | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM           |
| 476  | 8     | SSMHT0002657-SSMHT0002658 | C      | SS.GM.T0007184     | 322         | 6             | Burst to 8" - 8 svc                                            | \$ 38,225   | \$ -        | Monitor in CMOM           |
| 477  | 8     | SSMHT0002658-SSMHT0002147 | D      | SS.GM.T0009743     | 343         | 6             | Point Repair at 23 and 160 ft from 02658                       | \$ 9,500    | \$ 9,500    | Point Repair              |
| 478  | 8     | SSMHT0002659-SSMHT0001858 | D      | SS.GM.T0007174     | 451         | 6             | Point Repair 39 ft from 02659                                  | \$ 4,750    | \$ 4,750    | Point Repair              |
| 479  | 8     | SSMHT0002660-SSMHT0003337 | C      | SS.GM.T0009744     | 453         | 6             | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM           |
| 480  | 8     | SSMHT0002661-SSMHT0002657 | D      | SS.GM.T0007188     | 953         | 6             | Burst to 8" - 34 svc                                           | \$ 131,125  | \$ 131,125  | Pipe Burst or Replace     |
| 481  | 8     | SSMHT0002662-SSMHT0002661 | C      | SS.GM.T0007189     | 330         | 6             | Burst to 8" - 0 svc                                            | \$ 24,750   | \$ -        | Monitor in CMOM           |
| 482  | 8     | SSMHT0002663-SSMHT0002659 | D      | SS.GM.T0007176     | 387         | 6             | Point Repair 118 and 137 ft form 02663                         | \$ 9,500    | \$ 9,500    | Point Repair              |
| 483  | 8     | SSMHT0002664-SSMHT0002663 | C      | SS.GM.T0007177     | 351         | 6             | Point Repair at 26 ft from 02664; add to root removal schedule | \$ 4,750    | \$ -        | Monitor in CMOM           |
| 484  | 8     | SSMHT0002665-SSMHT0001886 | C      | SS.GM.T0007564     | 293         | 6             | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM           |





## Mainline Remediation Plan

| Remedial Measure Description        | Quantity | Remediation Plan |
|-------------------------------------|----------|------------------|
| Access; Clean and Inspection (l.f.) | 23,344   | \$ 248,528       |
| Monitor in CMOM (l.f.)              | 189,044  | \$ -             |
| Pipe Burst or Replace (l.f.)        | 35,752   | \$ 3,550,065     |
| Point Repair (ea.)                  | 280      | \$ 1,295,555     |
| Replace Mainline (l.f.)             | 4,583    | \$ 905,950       |
| Cured In Place Pipe Liner (l.f.)    | 5,787    | \$ 409,550       |
|                                     |          | \$ 6,409,648     |

| Item | Basin | Pipe Segment              | Rating | City Pipe Asset ID | Pipe Length | Pipe Diameter | Rehabilitation Recommendation                              | Repair Cost | Recommended | Remediation Plan             |
|------|-------|---------------------------|--------|--------------------|-------------|---------------|------------------------------------------------------------|-------------|-------------|------------------------------|
| 485  | 8     | SSMHT0002666-SSMHT0002679 | D      | SS.GM.T0007343     | 269         | 6             | Point Repair at 16 ft from 02666; Pipe Burst to 8" - 9 svc | \$ 47,725   | \$ 47,725   | Pipe Burst or Replace        |
| 486  | 8     | SSMHT0002667-SSMHT0002666 | D      | SS.GM.T0005606     | 120         | 6             | Burst to 8" -3 svc                                         | \$ 14,250   | \$ 14,250   | Pipe Burst or Replace        |
| 487  | 8     | SSMHT0002668-SSMHT0001882 | D      | SS.GM.T0007573     | 276         | 6             | Point Repair at 25,114, and 256 ft from 02668              | \$ 14,250   | \$ 14,250   | Point Repair                 |
| 488  | 8     | SSMHT0002669-SSMHT0002668 | D      | SS.GM.T0007572     | 452         | 6             | Point Repair at 202,239,247, and 351 ft from 02669         | \$ 19,000   | \$ 19,000   | Point Repair                 |
| 489  | 8     | SSMHT0002670-SSMHT0002669 | C      | SS.GM.T0007571     | 694         | 6             | Place of Root Removal Schedule                             | \$ -        | \$ -        | Monitor in CMOM              |
| 490  | 8     | SSMHT0002671-SSMHT0002672 | C      | SS.GM.T0005324     | 352         | 6             | Place on Root Removal Schedule                             | \$ -        | \$ -        | Monitor in CMOM              |
| 491  | 8     | SSMHT0002672-SSMHT0002668 | D      | SS.GM.T0005323     | 351         | 6             | Point Repair at 66,115,163 and 190 ft from 02672           | \$ 19,000   | \$ 19,000   | Point Repair                 |
| 492  | 8     | SSMHT0002673-SSMHT0002674 | C      | SS.GM.T0005627     | 714         | 6             | No Rehabilitation Recommended                              | \$ -        | \$ -        | Monitor in CMOM              |
| 493  | 8     | SSMHT0002674-SSMHT0001889 | C      | SS.GM.T0005628     | 702         | 6             | No Rehabilitation Recommended                              | \$ -        | \$ -        | Monitor in CMOM              |
| 494  | 8     | SSMHT0002675-SSMHT0001888 | D      | SS.GM.T0005629     | 839         | 6             | Point Repair at 359 ft from 01888                          | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 495  | 8     | SSMHT0002676-SSMHT0001133 | C      |                    | 711         | 8             | No Rehabilitation Recommended                              | \$ -        | \$ -        | Monitor in CMOM              |
| 496  | 8     | SSMHT0002677-SSMHT0002676 | C      | SS.GM.T0006563     | 25          | 8             | No Rehabilitation Recommended                              | \$ -        | \$ -        | Monitor in CMOM              |
| 497  | 8     | SSMHT0002679-SSMHT0002014 | D      | SS.GM.T0007676     | 407         | 6             | Burst to 8" - 10 svc                                       | \$ 40,825   | \$ 40,825   | Pipe Burst or Replace        |
| 498  | 8     | SSMHT0002680-SSMHT0013527 | C      |                    | 102         | 12            | CIPP - 0 svc                                               | \$ 6,760    | \$ -        | Monitor in CMOM              |
| 499  | 8     | SSMHT0002681-SSMHT0001040 | D      | SS.GM.T0005643     | 331         | 12            | CIPP - 0 svc                                               | \$ 21,840   | \$ 21,840   | Cured In Place Pipe Liner    |
| 500  | 8     | SSMHT0002682-SSMHT0002624 | D      | SS.GM.T0006700     | 251         | 6             | Burst to 8" - 4 svc                                        | \$ 25,900   | \$ 25,900   | Pipe Burst or Replace        |
| 501  | 8     | SSMHT0002683-SSMHT0001751 | E      | SS.GM.T0006410     | 318         | 6             | Replace Line                                               | \$ 63,600   | \$ 63,600   | Replace Mainline             |
| 502  | 8     | SSMHT0002684-SSMHT0001750 | D      | SS.GM.T0007679     | 232         | 8             | CIPP - 3 SVC                                               | \$ 15,922   | \$ 15,922   | Cured In Place Pipe Liner    |
| 503  | 8     | SSMHT0002685-SSMHT0002537 | D      | SS.GM.T0005590     | 259         | 6             | Point Repair 15 ft from 02685                              | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 504  | 8     | SSMHT0002686-SSMHT0001764 | D      | SS.GM.T0006540     | 187         | 21            | Access; Clean and CCTV                                     | \$ 2,805    | \$ 2,805    | Access; Clean and Inspection |
| 505  | 8     | SSMHT0002687-SSMHT0002627 | C      | SS.GM.T0006717     | 113         | 12            | No Rehabilitation Recommended                              | \$ -        | \$ -        | Monitor in CMOM              |
| 506  | 8     | SSMHT0002704-SSMHT0001830 | C      | SS.GM.T0006722     | 148         | 6             | No Rehabilitation Recommended                              | \$ -        | \$ -        | Monitor in CMOM              |
| 507  | 8     | SSMHT0002705-SSMHT0002640 | C      | SS.GM.T0006692     | 72          | 6             | No Rehabilitation Recommended                              | \$ -        | \$ -        | Monitor in CMOM              |
| 508  | 15    | SSMHT0002728-SSMHT0002729 | D      | SS.GM.T0007874     | 448         | 6             | Point Repair at 84 ft from 02728 then Burst to 8" - 13 svc | \$ 61,100   | \$ 61,100   | Pipe Burst or Replace        |
| 509  | 15    | SSMHT0002729-SSMHT0003046 | D      | SS.GM.T0008494     | 987         | 8             | Replace Line                                               | \$ 197,400  | \$ 197,400  | Replace Mainline             |
| 510  | 15    | SSMHT0002730-SSMHT0003047 | C      | SS.GM.T0005299     | 974         | 8             | CIPP - 12 svc                                              | \$ 47,874   | \$ -        | Monitor in CMOM              |
| 511  | 15    | SSMHT0002937-SSMHT0020004 | C      |                    | 282         | 8             | No Rehabilitation Recommended 20005 to 04524               | \$ -        | \$ -        | Monitor in CMOM              |
| 512  | 15    | SSMHT0002938-SSMHT0012962 | C      | SS.GM.T0005177     | 43          | 8             | No Rehabilitation Recommended                              | \$ -        | \$ -        | Monitor in CMOM              |
| 513  | 15    | SSMHT0002939-SSMHT0004529 | C      | SS.GM.T0006884     | 58          | 8             | No Rehabilitation Recommended                              | \$ -        | \$ -        | Monitor in CMOM              |
| 514  | 15    | SSMHT0002940-SSMHT0002939 | C      | SS.GM.T0006883     | 90          | 8             | No Rehabilitation Recommended                              | \$ -        | \$ -        | Monitor in CMOM              |
| 515  | 15    | SSMHT0002941-SSMHT0002940 | C      | SS.GM.T0008488     | 40          | 8             | No Rehabilitation Recommended                              | \$ -        | \$ -        | Monitor in CMOM              |
| 516  | 15    | SSMHT0002942-SSMHT0003045 | C      | SS.GM.T0004881     | 55          | 10            | CIPP - 3 svc                                               | \$ 8,325    | \$ -        | Monitor in CMOM              |
| 517  | 15    | SSMHT0002943-SSMHT0000376 | C      | SS.GM.T0006882     | 187         | 6             | No Rehabilitation Recommended                              | \$ -        | \$ -        | Monitor in CMOM              |
| 518  | 15    | SSMHT0002944-SSMHT0002942 | E      |                    | 532         | 10            | Point Repair at 85 and 101 ft from 02942                   | \$ 9,500    | \$ 9,500    | Point Repair                 |
| 519  | 15    | SSMHT0002945-SSMHT0002944 | D      | SS.GM.T0004886     | 139         | 10            | Point Repair at 112 ft from 02944                          | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 520  | 15    | SSMHT0002946-SSMHT0012786 | C      | SS.GM.T0004884     | 165         | 10            | No Rehabilitation Recommended                              | \$ -        | \$ -        | Monitor in CMOM              |
| 521  | 15    | SSMHT0002947-SSMHT0002946 | C      | SS.GM.T0004883     | 138         | 8             | No Rehabilitation Recommended                              | \$ -        | \$ -        | Monitor in CMOM              |
| 522  | 15    | SSMHT0002948-SSMHT0002949 | C      | SS.GM.T0006876     | 191         | 6             | No Rehabilitation Recommended                              | \$ -        | \$ -        | Monitor in CMOM              |
| 523  | 15    | SSMHT0002949-SSMHT0002950 | C      | SS.GM.T0006877     | 25          | 6             | No Rehabilitation Recommended                              | \$ -        | \$ -        | Monitor in CMOM              |
| 524  | 15    | SSMHT0002950-SSMHT0002951 | C      | SS.GM.T0006878     | 196         | 6             | No Rehabilitation Recommended                              | \$ -        | \$ -        | Monitor in CMOM              |
| 525  | 15    | SSMHT0002951-SSMHT0012961 | C      |                    | 357         | 6             | No Rehabilitation Recommended                              | \$ -        | \$ -        | Monitor in CMOM              |
| 526  | 15    | SSMHT0002952-SSMHT0002939 | C      | SS.GM.T0009734     | 110         | 8             | No Rehabilitation Recommended                              | \$ -        | \$ -        | Monitor in CMOM              |
| 527  | 15    | SSMHT0002953-SSMHT0002954 | C      | SS.GM.T0005178     | 86          | 10            | No Rehabilitation Recommended                              | \$ -        | \$ -        | Monitor in CMOM              |
| 528  | 15    | SSMHT0002954-SSMHT0012963 | C      | SS.GM.T0005179     | 186         | 8             | No Rehabilitation Recommended                              | \$ -        | \$ -        | Monitor in CMOM              |



# Mainline Remediation Plan

| Remedial Measure Description        | Quantity | Remediation Plan |
|-------------------------------------|----------|------------------|
| Access; Clean and Inspection (l.f.) | 23,344   | \$ 248,528       |
| Monitor in CMOM (l.f.)              | 189,044  | \$ -             |
| Pipe Burst or Replace (l.f.)        | 35,752   | \$ 3,550,065     |
| Point Repair (ea.)                  | 280      | \$ 1,295,555     |
| Replace Mainline (l.f.)             | 4,583    | \$ 905,950       |
| Cured In Place Pipe Liner (l.f.)    | 5,787    | \$ 409,550       |
|                                     |          | \$ 6,409,648     |

| Item | Basin | Pipe Segment              | Rating | City Pipe Asset ID | Pipe Length | Pipe Diameter | Rehabilitation Recommendation            | Repair Cost | Recommended | Remediation Plan             |
|------|-------|---------------------------|--------|--------------------|-------------|---------------|------------------------------------------|-------------|-------------|------------------------------|
| 529  | 15    | SSMHT0002955-SSMHT0002953 | C      | SS.GM.T0005180     | 222         | 12            | Sectional Liner 150 to 170 ft from 02955 | \$ 7,000    | \$ -        | Monitor in CMOM              |
| 530  | 15    | SSMHT0002956-SSMHT0002955 | C      | SS.GM.T0005183     | 176         | 12            | No Rehabilitation Recommended            | \$ -        | \$ -        | Monitor in CMOM              |
| 531  | 15    | SSMHT0002957-SSMHT0002958 | C      | SS.GM.T0008482     | 108         | 12            | No Rehabilitation Recommended            | \$ -        | \$ -        | Monitor in CMOM              |
| 532  | 15    | SSMHT0002957-SSMHT0012956 | C      | SS.GM.T0005426     | 158         | 6             | No Rehabilitation Recommended            | \$ -        | \$ -        | Monitor in CMOM              |
| 533  | 15    | SSMHT0002958-SSMHT0002966 | C      | SS.GM.T0007362     | 284         | 12            | Sectional Liner 95 to 210 ft from 02958  | \$ 7,565    | \$ -        | Monitor in CMOM              |
| 534  | 15    | SSMHT0002959-SSMHT0020017 | D      |                    | 149         | 12            | Point Repair 0 to 10 ft from 02959       | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 535  | 15    | SSMHT0002960-SSMHT0002959 | C      | SS.GM.T0004878     | 74          | 12            | CIPP - 0 svc                             | \$ 4,745    | \$ -        | Monitor in CMOM              |
| 536  | 15    | SSMHT0002962-SSMHT0002960 | C      |                    | 94          | 12            | CIPP - 1 svc                             | \$ 8,855    | \$ -        | Monitor in CMOM              |
| 537  | 15    | SSMHT0002963-SSMHT0001254 | C      | SS.GM.T0004876     | 186         | 12            | CIPP - 0 svc                             | \$ 12,480   | \$ -        | Monitor in CMOM              |
| 538  | 15    | SSMHT0002964-SSMHT0000385 | C      | SS.GM.T0003679     | 78          | 10            | No Rehabilitation Recommended            | \$ -        | \$ -        | Monitor in CMOM              |
| 539  | 15    | SSMHT0002965-SSMHT0001255 | C      | SS.GM.T0008492     | 312         | 10            | No Rehabilitation Recommended            | \$ -        | \$ -        | Monitor in CMOM              |
| 540  | 15    | SSMHT0002966-SSMHT0004559 | C      | SS.GM.T0008486     | 181         | 10            | CIPP - 1 svc                             | \$ 9,575    | \$ -        | Monitor in CMOM              |
| 541  | 15    | SSMHT0002967-SSMHT0002968 | C      | SS.GM.T0005419     | 23          | 12            | No Rehabilitation Recommended            | \$ -        | \$ -        | Monitor in CMOM              |
| 542  | 15    | SSMHT0002968-SSMHT0002956 | C      | SS.GM.T0005184     | 259         | 12            | No Rehabilitation Recommended            | \$ -        | \$ -        | Monitor in CMOM              |
| 543  | 15    | SSMHT0002969-SSMHT0002967 | C      | SS.GM.T0009706     | 97          | 12            | No Rehabilitation Recommended            | \$ -        | \$ -        | Monitor in CMOM              |
| 544  | 15    | SSMHT0002985-SSMHT0002986 | C      | SS.GM.T0008246     | 273         | 6             | No Rehabilitation Recommended            | \$ -        | \$ -        | Monitor in CMOM              |
| 545  | 15    | SSMHT0002986-SSMHT0002987 | D      | SS.GM.T0008247     | 122         | 6             | Burst to 8" - 3 svc                      | \$ 16,350   | \$ 16,350   | Pipe Burst or Replace        |
| 546  | 15    | SSMHT0002987-SSMHT0000389 | C      | SS.GM.T0005259     | 190         | 6             | No Rehabilitation Recommended            | \$ -        | \$ -        | Monitor in CMOM              |
| 547  | 15    | SSMHT0002988-SSMHT0002989 | C      | SS.GM.T0005257     | 238         | 6             | No Rehabilitation Recommended            | \$ -        | \$ -        | Monitor in CMOM              |
| 548  | 15    | SSMHT0002989-SSMHT0002990 | D      | SS.GM.T0006891     | 22          | 6             | Replace Line                             | \$ 4,400    | \$ 4,400    | Replace Mainline             |
| 549  | 15    | SSMHT0002990-SSMHT0002534 | C      | SS.GM.T0008248     | 56          | 6             | No Rehabilitation Recommended            | \$ -        | \$ -        | Monitor in CMOM              |
| 550  | 8     | SSMHT0002991-SSMHT0002565 | C      | SS.GM.T0007500     | 110         | 6             | No Rehabilitation Recommended            | \$ -        | \$ -        | Monitor in CMOM              |
| 551  | 8     | SSMHT0002992-SSMHT0002587 | D      | SS.GM.T0005249     | 227         | 6             | Point Repair at 149 ft from 02992        | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 552  | 15    | SSMHT0002993-SSMHT0003055 | D      | SS.GM.T0008435     | 482         | 6             | Burst to 8" - 7 svc                      | \$ 48,400   | \$ 48,400   | Pipe Burst or Replace        |
| 553  | 15    | SSMHT0004527-SSMHT0013151 | C      |                    | 275         | 18            | No Rehabilitation Recommended            | \$ -        | \$ -        | Monitor in CMOM              |
| 554  | 15    | SSMHT0003006-SSMHT0013612 | D      | SS.GM.T0013907     | 123         | 12            | Clean and CCTV                           | \$ 1,230    | \$ 1,230    | Access; Clean and Inspection |
| 555  | 15    | SSMHT0003010-SSMHT0004560 | C      | SS.GM.T0005182     | 267         | 8             | No Rehabilitation Recommended            | \$ -        | \$ -        | Monitor in CMOM              |
| 556  | 15    | SSMHT0003033-SSMHT0000384 | C      | SS.GM.T0005187     | 184         | 6             | No Rehabilitation Recommended            | \$ -        | \$ -        | Monitor in CMOM              |
| 557  | 15    | SSMHT0003034-SSMHT0003033 | C      | SS.GM.T0008260     | 24          | 6             | No Rehabilitation Recommended            | \$ -        | \$ -        | Monitor in CMOM              |
| 558  | 15    | SSMHT0003035-SSMHT0004545 | C      | SS.GM.T0008245     | 286         | 6             | No Rehabilitation Recommended            | \$ -        | \$ -        | Monitor in CMOM              |
| 559  | 15    | SSMHT0003036-SSMHT0004545 | C      | SS.GM.T0006359     | 180         | 6             | No Rehabilitation Recommended            | \$ -        | \$ -        | Monitor in CMOM              |
| 560  | 15    | SSMHT0003037-SSMHT0004558 | C      | SS.GM.T0008244     | 278         | 6             | Point Repair at 271 ft from 03037        | \$ 4,750    | \$ -        | Monitor in CMOM              |
| 561  | 15    | SSMHT0003038-SSMHT0003055 | C      | SS.GM.T0008258     | 820         | 6             | CIPP - 2 svc                             | \$ 8,370    | \$ -        | Monitor in CMOM              |
| 562  | 15    | SSMHT0003038-SSMHT0003055 | C      | SS.GM.T0008258     | 170         | 8             | No Rehabilitation Recommended            | \$ -        | \$ -        | Monitor in CMOM              |
| 563  | 15    | SSMHT0003039-SSMHT0012969 | C      | SS.GM.T0008261     | 56          | 6             | No Rehabilitation Recommended            | \$ -        | \$ -        | Monitor in CMOM              |
| 564  | 15    | SSMHT0003040-SSMHT0002990 | C      | SS.GM.T0005260     | 427         | 6             | No Rehabilitation Recommended            | \$ -        | \$ -        | Monitor in CMOM              |
| 565  | 15    | SSMHT0003041-SSMHT0003042 | C      | SS.GM.T0008262     | 33          | 8             | No Rehabilitation Recommended            | \$ -        | \$ -        | Monitor in CMOM              |
| 566  | 15    | SSMHT0003042-SSMHT0003043 | C      | SS.GM.T0008263     | 71          | 8             | CIPP - 0 svc                             | \$ 4,186    | \$ -        | Monitor in CMOM              |
| 567  | 15    | SSMHT0003043-SSMHT0002967 | C      | SS.GM.T0003674     | 362         | 12            | Remove Roots; CIPP - 1 svc               | \$ 25,340   | \$ -        | Monitor in CMOM              |
| 568  | 15    | SSMHT0003044-SSMHT0020043 | C      |                    | 79          | 8             | No Rehabilitation Recommended            | \$ -        | \$ -        | Monitor in CMOM              |
| 569  | 15    | SSMHT0003045-SSMHT0003044 | C      | SS.GM.T0005176     | 64          | 8             | No Rehabilitation Recommended            | \$ -        | \$ -        | Monitor in CMOM              |
| 570  | 15    | SSMHT0003046-SSMHT0004525 | C      | SS.GM.T0003673     | 52          | 10            | No Rehabilitation Recommended            | \$ -        | \$ -        | Monitor in CMOM              |
| 571  | 15    | SSMHT0003047-SSMHT0003046 | C      | SS.GM.T0003694     | 28          | 10            | No Rehabilitation Recommended            | \$ -        | \$ -        | Monitor in CMOM              |
| 572  | 15    | SSMHT0003054-SSMHT0003038 | D      | SS.GM.T0005190     | 380         | 6             | Burst to 8" - 13 svc                     | \$ 44,500   | \$ 44,500   | Pipe Burst or Replace        |



## Mainline Remediation Plan

| Remedial Measure Description        | Quantity | Remediation Plan |
|-------------------------------------|----------|------------------|
| Access; Clean and Inspection (l.f.) | 23,344   | \$ 248,528       |
| Monitor in CMOM (l.f.)              | 189,044  | \$ -             |
| Pipe Burst or Replace (l.f.)        | 35,752   | \$ 3,550,065     |
| Point Repair (ea.)                  | 280      | \$ 1,295,555     |
| Replace Mainline (l.f.)             | 4,583    | \$ 905,950       |
| Cured In Place Pipe Liner (l.f.)    | 5,787    | \$ 409,550       |
|                                     |          | \$ 6,409,648     |

| Item | Basin | Pipe Segment              | Rating | City Pipe Asset ID | Pipe Length | Pipe Diameter | Rehabilitation Recommendation                                                             | Repair Cost | Recommended | Remediation Plan             |
|------|-------|---------------------------|--------|--------------------|-------------|---------------|-------------------------------------------------------------------------------------------|-------------|-------------|------------------------------|
| 573  | 15    | SSMHT0003055-SSMHT0000770 | C      |                    | 279         | 12            | CIPP - 15 svc                                                                             | \$ 43,255   | \$ -        | Monitor in CMOM              |
| 574  | 15    | SSMHT0003069-SSMHT0003068 | C      |                    | 205         | 6             | No Rehabilitation Recommended                                                             | \$ -        | \$ -        | Monitor in CMOM              |
| 575  | 15    | SSMHT0003068-SSMHT0003116 | D      | SS.GM.T0006358     | 531         | 6             | Point Repair at 518 ft from 03068                                                         | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 576  | 15    | SSMHT0003116-SSMHT0004521 | C      | SS.GM.T0008499     | 333         | 6             | No Rehabilitation Recommended                                                             | \$ -        | \$ -        | Monitor in CMOM              |
| 577  | 15    | SSMHT0003122-SSMHT0020015 | C      |                    | 340         | 10            | No Rehabilitation Recommended                                                             | \$ -        | \$ -        | Monitor in CMOM              |
| 578  | 8     | SSMHT0003147-SSMHT0005682 | D      | SS.GM.T0008767     | 238         | 6             | Point Repair at 115 ft from 03147                                                         | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 579  | 8     | SSMHT0003148-SSMHT0020024 | D      |                    | 506         | 6             | Point Repair at 81 and 111 from 03148                                                     | \$ 9,500    | \$ 9,500    | Point Repair                 |
| 580  | 8     | SSMHT0003149-SSMHT0003150 | D      | SS.GM.T0008770     | 327         | 6             | Burst to 8" - 7 svc                                                                       | \$ 37,150   | \$ 37,150   | Pipe Burst or Replace        |
| 581  | 8     | SSMHT0003150-SSMHT0003151 | D      | SS.GM.T0008771     | 364         | 6             | Burst to 8" - 3 svc                                                                       | \$ 30,300   | \$ 30,300   | Pipe Burst or Replace        |
| 582  | 8     | SSMHT0003151-SSMHT0005674 | D      | SS.GM.T0008772     | 510         | 6             | Burst to 8" - 4 svc                                                                       | \$ 45,250   | \$ 45,250   | Pipe Burst or Replace        |
| 583  | 8     | SSMHT0003152-SSMHT0005674 | C      | SS.GM.T0006843     | 129         | 6             | Point Repair at 100 ft                                                                    | \$ 4,750    | \$ -        | Monitor in CMOM              |
| 584  | 8     | SSMHT0003153-SSMHT0005681 | D      | SS.GM.T0006854     | 263         | 6             | Burst to 8" - 3 svc                                                                       | \$ 25,275   | \$ 25,275   | Pipe Burst or Replace        |
| 585  | 8     | SSMHT0003154-SSMHT0003148 | C      | SS.GM.T0009307     | 273         | 6             | No Rehabilitation Recommended                                                             | \$ -        | \$ -        | Monitor in CMOM              |
| 586  | 8     | SSMHT0003155-SSMHT0003159 | D      | SS.GM.T0007094     | 358         | 6             | Point Repair at 82 ft from 03155; Burst to 8" - 5 svc                                     | \$ 40,350   | \$ 40,350   | Pipe Burst or Replace        |
| 587  | 8     | SSMHT0003156-SSMHT0001871 | D      | SS.GM.T0007162     | 320         | 6             | Burst to 8" - 0 svc                                                                       | \$ 24,000   | \$ 24,000   | Pipe Burst or Replace        |
| 588  | 8     | SSMHT0003157-SSMHT0020019 | C      |                    | 323         | 6             | Place on Root Removal Schedule                                                            | \$ -        | \$ -        | Monitor in CMOM              |
| 589  | 8     | SSMHT0003158-SSMHT0003157 | C      | SS.GM.T0008775     | 348         | 6             | Burst to 8" - 7 svc                                                                       | \$ 38,425   | \$ -        | Monitor in CMOM              |
| 590  | 8     | SSMHT0003159-SSMHT0003160 | D      | SS.GM.T0007164     | 287         | 6             | Burst to 8" - 0 svc                                                                       | \$ 21,525   | \$ 21,525   | Pipe Burst or Replace        |
| 591  | 8     | SSMHT0003160-SSMHT0003156 | C      | SS.GM.T0007163     | 340         | 6             | Burst to 8" - 0 svc                                                                       | \$ 25,500   | \$ -        | Monitor in CMOM              |
| 592  | 8     | SSMHT0003161-SSMHT0003160 | C      | SS.GM.T0007167     | 99          | 6             | No Rehabilitation Recommended                                                             | \$ -        | \$ -        | Monitor in CMOM              |
| 593  | 8     | SSMHT0003162-SSMHT0012907 | C      | SS.GM.T0007168     | 47          | 6             | Place on Root Removal Schedule                                                            | \$ -        | \$ -        | Monitor in CMOM              |
| 594  | 8     | SSMHT0003163-SSMHT0005675 | D      | SS.GM.T0006847     | 590         | 6             | Point Repair at 290 ft FROM 05675                                                         | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 595  | 8     | SSMHT0003337-SSMHT0002147 | C      | SS.GM.T0009745     | 489         | 6             | Burst to 8" - 11 svc                                                                      | \$ 38,511   | \$ -        | Monitor in CMOM              |
| 596  | 15    | SSMHT0004520-SSMHT0000373 | D      | SS.GM.T0006360     | 427         | 6             | Replace Line                                                                              | \$ 85,400   | \$ 85,400   | Replace Mainline             |
| 597  | 15    | SSMHT0004521-SSMHT0004520 | C      | SS.GM.T0006888     | 57          | 6             | No Rehabilitation Recommended                                                             | \$ -        | \$ -        | Monitor in CMOM              |
| 598  | 15    | SSMHT0004522-SSMHT0020011 | D      |                    | 184         | 6             | Burst to 8" - 6 svc; from 04522 to 20011 (184 ft)                                         | \$ 24,300   | \$ 24,300   | Pipe Burst or Replace        |
| 599  | 15    | SSMHT0004523-SSMHT0004524 | C      |                    | 124         | 6             | No Rehabilitation Recommended                                                             | \$ -        | \$ -        | Monitor in CMOM              |
| 600  | 15    | SSMHT0004524-SSMHT0003122 | C      | SS.GM.T0013933     | 73          | 8             | No Rehabilitation Recommended                                                             | \$ -        | \$ -        | Monitor in CMOM              |
| 601  | 15    | SSMHT0004525-SSMHT0013150 | C      | SS.GM.T0013314     | 125         | 10            | No Rehabilitation Recommended                                                             | \$ -        | \$ -        | Monitor in CMOM              |
| 602  | 15    | SSMHT0004526-SSMHT0000375 | C      | SS.GM.T0008496     | 54          | 18            | No Rehabilitation Recommended                                                             | \$ -        | \$ -        | Monitor in CMOM              |
| 603  | 15    | SSMHT0004527-SSMHT0013151 | C      | SS.GM.T0008493     | 270         | 15            | No Rehabilitation Recommended                                                             | \$ -        | \$ -        | Monitor in CMOM              |
| 604  | 15    | SSMHT0004528-SSMHT0004529 | C      | SS.GM.T0006886     | 33          | 6             | No Rehabilitation Recommended                                                             | \$ -        | \$ -        | Monitor in CMOM              |
| 605  | 15    | SSMHT0004529-SSMHT0002937 | C      |                    | 46          | 8             | No Rehabilitation Recommended                                                             | \$ -        | \$ -        | Monitor in CMOM              |
| 606  | 15    | SSMHT0004545-SSMHT0004520 | D      | SS.GM.T0008500     | 801         | 6             | Clean and CCTV                                                                            | \$ 6,408    | \$ 6,408    | Access; Clean and Inspection |
| 607  | 8     | SSMHT0004546-SSMHT0002541 | D      | SS.GM.T0007695     | 327         | 8             | Burst to 8" - 2 svc (Note section of Iron pipe)                                           | \$ 27,500   | \$ 27,500   | Pipe Burst or Replace        |
| 608  | 15    | SSMHT0004551-SSMHT0004553 | D      | SS.GM.T0008243     | 290         | 6             | Point Repair at 53 ft from 04551                                                          | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 609  | 15    | SSMHT0004552-SSMHT0004551 | D      | SS.GM.T0008242     | 512         | 6             | Point Repair at 272 ft (obstacle)from 04552; Point Repair at 6 ,32, and 186 ft from 04551 | \$ 19,000   | \$ 19,000   | Point Repair                 |
| 610  | 15    | SSMHT0004553-SSMHT0004554 | D      | SS.GM.T0006896     | 111         | 6             | Point Repair at 102 ft from 04553                                                         | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 611  | 15    | SSMHT0004554-SSMHT0000387 | D      | SS.GM.T0006895     | 157         | 6             | Point Repair at 40 ft from 04554                                                          | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 612  | 15    | SSMHT0004555-SSMHT0004556 | C      | SS.GM.T0006893     | 199         | 6             | Point Repair at 43 and 157 ft from 04555                                                  | \$ 9,500    | \$ -        | Monitor in CMOM              |
| 613  | 15    | SSMHT0004556-SSMHT0000374 | C      | SS.GM.T0006892     | 442         | 6             | Burst to 8" - 10 svc                                                                      | \$ 44,875   | \$ -        | Monitor in CMOM              |
| 614  | 15    | SSMHT0004556-SSMHT0012998 | D      |                    | 365         | 6             | Point Repair at 237 ft from 04556                                                         | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 615  | 15    | SSMHT0004557-SSMHT0003037 | D      | SS.GM.T0006889     | 378         | 6             | Point Repair at 9 ft from 04557 (Obstacle thru wall)                                      | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 616  | 15    | SSMHT0004558-SSMHT0020002 | D      |                    | 1093        | 6             | Point Repair at 106,155 and 365 ft from 04558                                             | \$ 14,250   | \$ 14,250   | Point Repair                 |





## Mainline Remediation Plan

| Remedial Measure Description        | Quantity | Remediation Plan |
|-------------------------------------|----------|------------------|
| Access; Clean and Inspection (l.f.) | 23,344   | \$ 248,528       |
| Monitor in CMOM (l.f.)              | 189,044  | \$ -             |
| Pipe Burst or Replace (l.f.)        | 35,752   | \$ 3,550,065     |
| Point Repair (ea.)                  | 280      | \$ 1,295,555     |
| Replace Mainline (l.f.)             | 4,583    | \$ 905,950       |
| Cured In Place Pipe Liner (l.f.)    | 5,787    | \$ 409,550       |
|                                     |          | \$ 6,409,648     |

| Item | Basin | Pipe Segment              | Rating | City Pipe Asset ID | Pipe Length | Pipe Diameter | Rehabilitation Recommendation                            | Repair Cost | Recommended | Remediation Plan             |
|------|-------|---------------------------|--------|--------------------|-------------|---------------|----------------------------------------------------------|-------------|-------------|------------------------------|
| 617  | 15    | SSMHT0004559-SSMHT0003043 | C      | SS.GM.T0006897     | 184         | 12            | CIPP - 1 svc                                             | \$ 11,975   | \$ -        | Monitor in CMOM              |
| 618  | 15    | SSMHT0004560-SSMHT0002955 | C      | SS.GM.T0005181     | 21          | 8             | No Rehabilitation Recommended                            | \$ -        | \$ -        | Monitor in CMOM              |
| 619  | 15    | SSMHT0004561-SSMHT0000770 | C      | SS.GM.T0008251     | 229         | 6             | No Rehabilitation Recommended                            | \$ -        | \$ -        | Monitor in CMOM              |
| 620  | 15    | SSMHT0004562-SSMHT0004561 | C      | SS.GM.T0006898     | 114         | 6             | No Rehabilitation Recommended                            | \$ -        | \$ -        | Monitor in CMOM              |
| 621  | 8     | SSMHT0005674-SSMHT0012880 | C      | SS.GM.T0007994     | 253         | 12            | No Rehabilitation Recommended                            | \$ -        | \$ -        | Monitor in CMOM              |
| 622  | 8     | SSMHT0005675-SSMHT0005674 | C      | SS.GM.T0006844     | 409         | 6             | No Rehabilitation Recommended                            | \$ -        | \$ -        | Monitor in CMOM              |
| 623  | 8     | SSMHT0005676-SSMHT0005675 | C      | SS.GM.T0008524     | 357         | 6             | No Rehabilitation Recommended                            | \$ -        | \$ -        | Monitor in CMOM              |
| 624  | 8     | SSMHT0005677-SSMHT0012908 | C      | SS.GM.T0006850     | 155         | 6             | No Rehabilitation Recommended                            | \$ -        | \$ -        | Monitor in CMOM              |
| 625  | 8     | SSMHT0005678-SSMHT0005674 | D      | SS.GM.T0006842     | 635         | 6             | Burst to 8" - 9 svc                                      | \$ 53,550   | \$ 53,550   | Pipe Burst or Replace        |
| 626  | 8     | SSMHT0005679-SSMHT0005677 | C      | SS.GM.T0006852     | 590         | 6             | No Rehabilitation Recommended                            | \$ -        | \$ -        | Monitor in CMOM              |
| 627  | 8     | SSMHT0005680-SSMHT0002617 | C      | SS.GM.T0006859     | 977         | 6             | No Rehabilitation Recommended                            | \$ -        | \$ -        | Monitor in CMOM              |
| 628  | 8     | SSMHT0005681-SSMHT0005680 | D      | SS.GM.T0006857     | 198         | 6             | Burst to 8" - 5 svc                                      | \$ 22,775   | \$ 22,775   | Pipe Burst or Replace        |
| 629  | 8     | SSMHT0005682-SSMHT0005676 | C      | SS.GM.T0008766     | 354         | 6             | No Rehabilitation Recommended                            | \$ -        | \$ -        | Monitor in CMOM              |
| 630  | 8     | SSMHT0007475-SSMHT0001036 | C      | SS.GM.T0013191     | 290         | 6             | No Rehabilitation Recommended                            | \$ -        | \$ -        | Monitor in CMOM              |
| 631  | 8     | SSMHT0009389-SSMHT0002100 | D      | SS.GM.T0007060     | 962         | 6             | Point Repair 28,184,388,451,520 and 706 from 02100       | \$ 28,500   | \$ 28,500   | Point Repair                 |
| 632  | 8     | SSMHT0009393-SSMHT0001785 | C      | SS.GM.T0005601     | 888         | 6             | No Rehabilitation Recommended                            | \$ -        | \$ -        | Monitor in CMOM              |
| 633  | 8     | SSMHT0009395-SSMHT0001923 | C      | SS.GM.T0007580     | 328         | 8             | No Rehabilitation Recommended                            | \$ -        | \$ -        | Monitor in CMOM              |
| 634  | 8     | SSMHT0009396-SSMHT0012884 | D      | SS.GM.T0006911     | 718         | 6             | Point Repair 275 to 285, 293, 348, and 425 ft from 12884 | \$ 23,750   | \$ 23,750   | Point Repair                 |
| 635  | 8     | SSMHT0009616-SSMHT0002578 | C      | SS.GM.T0006601     | 215         | 6             | No Rehabilitation Recommended                            | \$ -        | \$ -        | Monitor in CMOM              |
| 636  | 8     | SSMHT0009618-SSMHT0002015 | D      | SS.GM.T0007666     | 394         | 6             | Burst to 8" - 12 svc                                     | \$ 55,800   | \$ 55,800   | Pipe Burst or Replace        |
| 637  | 8     | SSMHT0009619-SSMHT0001073 | C      | SS.GM.T0007614     | 402         | 6             | No Rehabilitation Recommended                            | \$ -        | \$ -        | Monitor in CMOM              |
| 638  | 8     | SSMHT0009621-SSMHT0009987 | C      | SS.GM.T0006905     | 70          | 8             | No Rehabilitation Recommended                            | \$ -        | \$ -        | Monitor in CMOM              |
| 639  | 8     | SSMHT0009622-SSMHT0009621 | D      | SS.GM.T0006904     | 86          | 8             | Access; Clean and CCTV                                   | \$ 688      | \$ 688      | Access; Clean and Inspection |
| 640  | 8     | SSMHT0009623-SSMHT0002658 | C      | SS.GM.T0007560     | 901         | 6             | No Rehabilitation Recommended                            | \$ -        | \$ -        | Monitor in CMOM              |
| 641  | 8     | SSMHT0009977-SSMHT0012879 | C      | SS.GM.T0006899     | 44          | 6             | No Rehabilitation Recommended                            | \$ -        | \$ -        | Monitor in CMOM              |
| 642  | 8     | SSMHT0009978-SSMHT0012880 | C      | SS.GM.T0007992     | 217         | 6             | No Rehabilitation Recommended                            | \$ -        | \$ -        | Monitor in CMOM              |
| 643  | 8     | SSMHT0009979-SSMHT0012882 | C      | SS.GM.T0006696     | 380         | 6             | No Rehabilitation Recommended                            | \$ -        | \$ -        | Monitor in CMOM              |
| 644  | 8     | SSMHT0009980-SSMHT0002613 | C      | SS.GM.T0007545     | 481         | 6             | No Rehabilitation Recommended                            | \$ -        | \$ -        | Monitor in CMOM              |
| 645  | 8     | SSMHT0009981-SSMHT0002615 | C      | SS.GM.T0007548     | 495         | 6             | No Rehabilitation Recommended                            | \$ -        | \$ -        | Monitor in CMOM              |
| 646  | 8     | SSMHT0009982-SSMHT0009983 | C      | SS.GM.T0006909     | 166         | 6             | No Rehabilitation Recommended                            | \$ -        | \$ -        | Monitor in CMOM              |
| 647  | 8     | SSMHT0009983-SSMHT0009984 | C      | SS.GM.T0006908     | 52          | 6             | No Rehabilitation Recommended                            | \$ -        | \$ -        | Monitor in CMOM              |
| 648  | 8     | SSMHT0009984-SSMHT0002034 | C      | SS.GM.T0007694     | 60          | 8             | No Rehabilitation Recommended                            | \$ -        | \$ -        | Monitor in CMOM              |
| 649  | 8     | SSMHT0009986-SSMHT0002035 | C      |                    | 228         | 8             | No Rehabilitation Recommended                            | \$ -        | \$ -        | Monitor in CMOM              |
| 650  | 8     | SSMHT0009987-SSMHT0002036 | C      | SS.GM.T0007693     | 61          | 8             | No Rehabilitation Recommended                            | \$ -        | \$ -        | Monitor in CMOM              |
| 651  | 8     | SSMHT0010020-SSMHT0003147 | C      | SS.GM.T0008768     | 554         | 6             | No Rehabilitation Recommended                            | \$ -        | \$ -        | Monitor in CMOM              |
| 652  | 8     | SSMHT0010021-SSMHT0003151 | D      | SS.GM.T0008773     | 429         | 6             | Burst to 8" - 15 svc                                     | \$ 62,775   | \$ 62,775   | Pipe Burst or Replace        |
| 653  | 8     | SSMHT0010022-SSMHT0003150 | D      | SS.GM.T0007086     | 439         | 6             | Burst to 8" - 12 svc                                     | \$ 55,125   | \$ 55,125   | Pipe Burst or Replace        |
| 654  | 8     | SSMHT0010084-SSMHT0020021 | C      |                    | 193         | 6             | Point Repair at 80 and 124 ft from 20021                 | \$ 9,500    | \$ -        | Monitor in CMOM              |
| 655  | 8     | SSMHT0010085-SSMHT0002580 | C      | SS.GM.T0007999     | 260         | 6             | No Rehabilitation Recommended                            | \$ -        | \$ -        | Monitor in CMOM              |
| 656  | 8     | SSMHT0010086-SSMHT0002583 | C      | SS.GM.T0006610     | 87          | 6             | No Rehabilitation Recommended                            | \$ -        | \$ -        | Monitor in CMOM              |
| 657  | 8     | SSMHT0010246-SSMHT0002572 | D      | SS.GM.T0007513     | 293         | 6             | Point Repairs at 8,13,55 and 246 from 02572              | \$ 19,000   | \$ 19,000   | Point Repair                 |
| 658  | 8     | SSMHT0010247-SSMHT0002571 | C      | SS.GM.T0008252     | 255         | 6             | No Rehabilitation Recommended                            | \$ -        | \$ -        | Monitor in CMOM              |
| 659  | 8     | SSMHT0010248-SSMHT0012920 | D      | SS.GM.T0006684     | 377         | 6             | Locate and Expose 12920; Clean and CCTV                  | \$ 3,516    | \$ 3,516    | Access; Clean and Inspection |
| 660  | 8     | SSMHT0010249-SSMHT0012920 | D      | SS.GM.T0006683     | 322         | 6             | Locate and Expose 12920; Clean and CCTV                  | \$ 3,076    | \$ 3,076    | Access; Clean and Inspection |



# Mainline Remediation Plan

| Remedial Measure Description        | Quantity | Remediation Plan |
|-------------------------------------|----------|------------------|
| Access; Clean and Inspection (I.f.) | 23,344   | \$ 248,528       |
| Monitor in CMOM (I.f.)              | 189,044  | \$ -             |
| Pipe Burst or Replace (I.f.)        | 35,752   | \$ 3,550,065     |
| Point Repair (ea.)                  | 280      | \$ 1,295,555     |
| Replace Mainline (I.f.)             | 4,583    | \$ 905,950       |
| Cured In Place Pipe Liner (I.f.)    | 5,787    | \$ 409,550       |
|                                     |          | \$ 6,409,648     |

| Item | Basin | Pipe Segment              | Rating | City Pipe Asset ID | Pipe Length | Pipe Diameter | Rehabilitation Recommendation                        | Repair Cost | Recommended | Remediation Plan             |
|------|-------|---------------------------|--------|--------------------|-------------|---------------|------------------------------------------------------|-------------|-------------|------------------------------|
| 661  | 8     | SSMHT0010250-SSMHT0002548 | D      | SS.GM.T0007531     | 372         | 6             | Point Repair at 344 ft from 02548                    | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 662  | 8     | SSMHT0010251-SSMHT0001030 | C      | SS.GM.T0005630     | 397         | 6             | Sectional liner 190 to 215; 295 to 320 ft from 01030 | \$ 14,000   | \$ -        | Monitor in CMOM              |
| 663  | 8     | SSMHT0010252-SSMHT0001938 | D      | SS.GM.T0007582     | 541         | 6             | Point Repair at 464 ft from 01938                    | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 664  | 15    | SSMHT0010276-SSMHT0012802 | C      | SS.GM.T0007474     | 36          | 6             | No Rehabilitation Recommended                        | \$ -        | \$ -        | Monitor in CMOM              |
| 665  | 8     | SSMHT0010280-SSMHT0003149 | D      | SS.GM.T0008776     | 327         | 6             | Burst to 8" - 6 svc                                  | \$ 43,650   | \$ 43,650   | Pipe Burst or Replace        |
| 666  | 8     | SSMHT0010281-SSMHT0003157 | C      | SS.GM.T0008904     | 436         | 6             | No Rehabilitation Recommended                        | \$ -        | \$ -        | Monitor in CMOM              |
| 667  | 8     | SSMHT0010282-SSMHT0005678 | E      | SS.GM.T0008903     | 426         | 6             | Burst to 8" - 3 svc                                  | \$ 37,275   | \$ 37,275   | Pipe Burst or Replace        |
| 668  | 8     | SSMHT0010342-SSMHT0001017 | C      | SS.GM.T0007896     | 62          | 6             | No Rehabilitation Recommended                        | \$ -        | \$ -        | Monitor in CMOM              |
| 669  | 15    | SSMHT0010548-SSMHT0000386 | C      | SS.GM.T0005357     | 118         | 6             | No Rehabilitation Recommended                        | \$ -        | \$ -        | Monitor in CMOM              |
| 670  | 15    | SSMHT0010549-SSMHT0000386 | C      | SS.GM.T0005356     | 185         | 6             | Point Repair 31 ft from 00386                        | \$ 4,750    | \$ -        | Monitor in CMOM              |
| 671  | 15    | SSMHT0010550-SSMHT0000383 | C      | SS.GM.T0005425     | 84          | 6             | No Rehabilitation Recommended                        | \$ -        | \$ -        | Monitor in CMOM              |
| 672  | 8     | SSMHT0010600-SSMHT0012926 | C      | SS.GM.T0007565     | 135         | 6             | No Rehabilitation Recommended                        | \$ -        | \$ -        | Monitor in CMOM              |
| 673  | 8     | SSMHT0010601-SSMHT0002670 | D      | SS.GM.T0007569     | 187         | 6             | Point Repair at 18 and 183 ft from 02670             | \$ 9,500    | \$ 9,500    | Point Repair                 |
| 674  | 8     | SSMHT0010602-SSMHT0001885 | D      | SS.GM.T0007567     | 533         | 6             | Point Repair at 199 ft                               | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 675  | 8     | SSMHT0010603-SSMHT0001880 | C      | SS.GM.T0007346     | 587         | 6             | No Rehabilitation Recommended                        | \$ -        | \$ -        | Monitor in CMOM              |
| 676  | 8     | SSMHT0010604-SSMHT0001886 | C      | SS.GM.T0005604     | 299         | 6             | No Rehabilitation Recommended                        | \$ -        | \$ -        | Monitor in CMOM              |
| 677  | 8     | SSMHT0010605-SSMHT0002670 | C      | SS.GM.T0007570     | 72          | 6             | No Rehabilitation Recommended                        | \$ -        | \$ -        | Monitor in CMOM              |
| 678  | 8     | SSMHT0010606-SSMHT0001965 | C      | SS.GM.T0005638     | 98          | 6             | No Rehabilitation Recommended                        | \$ -        | \$ -        | Monitor in CMOM              |
| 679  | 8     | SSMHT0010607-SSMHT0001029 | D      | SS.GM.T0007574     | 125         | 6             | Point Repair at 145 ft from 01029                    | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 680  | 8     | SSMHT0010608-SSMHT0001883 | C      | SS.GM.T0005315     | 251         | 6             | Place on Root Removal Schedule                       | \$ -        | \$ -        | Monitor in CMOM              |
| 681  | 8     | SSMHT0010609-SSMHT0001968 | D      | SS.GM.T0007606     | 261         | 6             | Construct Cleanout at End Of Line 251 FT from 01968  | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 682  | 8     | SSMHT0010610-SSMHT0001028 | C      | SS.GM.T0006648     | 197         | 6             | Place on High Frequency Cleaning List                | \$ -        | \$ -        | Monitor in CMOM              |
| 683  | 8     | SSMHT0010611-SSMHT0001883 | D      | SS.GM.T0005316     | 562         | 6             | Point Repair at 251 ft from 01883                    | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 684  | 8     | SSMHT0010613-SSMHT0002545 | D      | SS.GM.T0006384     | 227         | 6             | Point Repair at 29 ft from 02545                     | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 685  | 8     | SSMHT0010614-SSMHT0001888 | C      | SS.GM.T0005635     | 153         | 6             | No Rehabilitation Recommended                        | \$ -        | \$ -        | Monitor in CMOM              |
| 686  | 8     | SSMHT0010615-SSMHT0001032 | C      | SS.GM.T0005633     | 524         | 6             | Point Repair at 204 ft from 01032                    | \$ 4,750    | \$ -        | Monitor in CMOM              |
| 687  | 8     | SSMHT0010641-SSMHT0002575 | D      | SS.GM.T0005247     | 86          | 6             | Point Repair 33 ft from 02575                        | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 688  | 8     | SSMHT0010642-SSMHT0012928 | C      | SS.GM.T0005246     | 250         | 6             | No Rehabilitation Recommended                        | \$ -        | \$ -        | Monitor in CMOM              |
| 689  | 8     | SSMHT0010644-SSMHT0001809 | D      | SS.GM.T0006744     | 299         | 6             | Point Repair at 66 ft from 01809                     | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 690  | 8     | SSMHT0010645-SSMHT0002593 | C      | SS.GM.T0005205     | 345         | 6             | No Rehabilitation Recommended                        | \$ -        | \$ -        | Monitor in CMOM              |
| 691  | 8     | SSMHT0010647-SSMHT0001908 | C      | SS.GM.T0006759     | 68          | 6             | No Rehabilitation Recommended                        | \$ -        | \$ -        | Monitor in CMOM              |
| 692  | 8     | SSMHT0010648-SSMHT0020041 | C      |                    | 311         | 6             | No Rehabilitation Recommended                        | \$ -        | \$ -        | Monitor in CMOM              |
| 693  | 8     | SSMHT0010649-SSMHT0002620 | C      | SS.GM.T0007145     | 266         | 6             | No Rehabilitation Recommended                        | \$ -        | \$ -        | Monitor in CMOM              |
| 694  | 8     | SSMHT0010650-SSMHT0002614 | C      | SS.GM.T0006672     | 69          | 6             | No Rehabilitation Recommended                        | \$ -        | \$ -        | Monitor in CMOM              |
| 695  | 8     | SSMHT0010651-SSMHT0002031 | C      | SS.GM.T0006783     | 628         | 6             | No Rehabilitation Recommended                        | \$ -        | \$ -        | Monitor in CMOM              |
| 696  | 8     | SSMHT0010652-SSMHT0002648 | D      | SS.GM.T0007544     | 555         | 6             | Access; Clean and CCTV                               | \$ 4,440    | \$ 4,440    | Access; Clean and Inspection |
| 697  | 8     | SSMHT0010653-SSMHT0002647 | C      | SS.GM.T0006712     | 276         | 6             | No Rehabilitation Recommended                        | \$ -        | \$ -        | Monitor in CMOM              |
| 698  | 8     | SSMHT0010654-SSMHT0001926 | C      | SS.GM.T0006773     | 134         | 6             | No Rehabilitation Recommended                        | \$ -        | \$ -        | Monitor in CMOM              |
| 699  | 8     | SSMHT0010655-SSMHT0002634 | C      | SS.GM.T0005230     | 381         | 6             | No Rehabilitation Recommended                        | \$ -        | \$ -        | Monitor in CMOM              |
| 700  | 8     | SSMHT0010656-SSMHT0002649 | C      | SS.GM.T0006710     | 300         | 6             | No Rehabilitation Recommended                        | \$ -        | \$ -        | Monitor in CMOM              |
| 701  | 8     | SSMHT0010657-SSMHT0001826 | D      | SS.GM.T0006756     | 335         | 6             | Burst to 8" - 1 svc                                  | \$ 26,875   | \$ 26,875   | Pipe Burst or Replace        |
| 702  | 8     | SSMHT0010658-SSMHT0002642 | C      | SS.GM.T0006691     | 429         | 6             | Point Repair 244 ft from 02642; Clean and CCTV       | \$ 6,895    | \$ -        | Monitor in CMOM              |
| 703  | 8     | SSMHT0010659-SSMHT0001935 | C      | SS.GM.T0007202     | 488         | 6             | No Rehabilitation Recommended                        | \$ -        | \$ -        | Monitor in CMOM              |
| 704  | 8     | SSMHT0010660-SSMHT0001932 | C      | SS.GM.T0007205     | 83          | 6             | No Rehabilitation Recommended                        | \$ -        | \$ -        | Monitor in CMOM              |



## Mainline Remediation Plan

| Remedial Measure Description        | Quantity | Remediation Plan |
|-------------------------------------|----------|------------------|
| Access; Clean and Inspection (l.f.) | 23,344   | \$ 248,528       |
| Monitor in CMOM (l.f.)              | 189,044  | \$ -             |
| Pipe Burst or Replace (l.f.)        | 35,752   | \$ 3,550,065     |
| Point Repair (ea.)                  | 280      | \$ 1,295,555     |
| Replace Mainline (l.f.)             | 4,583    | \$ 905,950       |
| Cured In Place Pipe Liner (l.f.)    | 5,787    | \$ 409,550       |
|                                     |          | \$ 6,409,648     |

| Item | Basin | Pipe Segment              | Rating | City Pipe Asset ID | Pipe Length | Pipe Diameter | Rehabilitation Recommendation                               | Repair Cost | Recommended | Remediation Plan      |
|------|-------|---------------------------|--------|--------------------|-------------|---------------|-------------------------------------------------------------|-------------|-------------|-----------------------|
| 705  | 8     | SSMHT0010661-SSMHT0001847 | C      | SS.GM.T0006867     | 173         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM       |
| 706  | 8     | SSMHT0010662-SSMHT0002646 | D      | SS.GM.T0006846     | 268         | 6             | Point Repair at 269 ft from 02646                           | \$ 4,750    | \$ 4,750    | Point Repair          |
| 707  | 8     | SSMHT0010663-SSMHT0002033 | C      | SS.GM.T0006779     | 100         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM       |
| 708  | 8     | SSMHT0010664-SSMHT0001867 | C      | SS.GM.T0007160     | 337         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM       |
| 709  | 8     | SSMHT0010665-SSMHT0001854 | C      | SS.GM.T0007217     | 101         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM       |
| 710  | 8     | SSMHT0010786-SSMHT0012909 | C      | SS.GM.T0009306     | 191         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM       |
| 711  | 8     | SSMHT0010897-SSMHT0001939 | C      | SS.GM.T0006931     | 177         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM       |
| 712  | 8     | SSMHT0010906-SSMHT0001200 | C      | SS.GM.T0006950     | 352         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM       |
| 713  | 8     | SSMHT0010939-SSMHT0002544 | C      | SS.GM.T0006382     | 372         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM       |
| 714  | 8     | SSMHT0010940-SSMHT0002543 | C      | SS.GM.T0006380     | 210         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM       |
| 715  | 8     | SSMHT0010941-SSMHT0012924 | D      | SS.GM.T0005593     | 280         | 6             | Point Repair at 118 ft from 12924                           | \$ 4,750    | \$ 4,750    | Point Repair          |
| 716  | 8     | SSMHT0010942-SSMHT0002005 | C      | SS.GM.T0005618     | 716         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM       |
| 717  | 8     | SSMHT0010943-SSMHT0001043 | D      | SS.GM.T0005620     | 543         | 6             | Point Repair 472 ft from 01043                              | \$ 4,750    | \$ 4,750    | Point Repair          |
| 718  | 8     | SSMHT0010944-SSMHT0002016 | C      | SS.GM.T0005615     | 255         | 6             | Burst to 8" - 2 svc                                         | \$ 16,325   | \$ -        | Monitor in CMOM       |
| 719  | 8     | SSMHT0010945-SSMHT0001737 | C      | SS.GM.T0006387     | 90          | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM       |
| 720  | 8     | SSMHT0010946-SSMHT0001754 | C      | SS.GM.T0006409     | 202         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM       |
| 721  | 8     | SSMHT0010947-SSMHT0002016 | D      | SS.GM.T0005616     | 643         | 6             | Burst to 8" - 11 svc                                        | \$ 67,475   | \$ 67,475   | Pipe Burst or Replace |
| 722  | 8     | SSMHT0010948-SSMHT0002538 | C      | SS.GM.T0005589     | 422         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM       |
| 723  | 15    | SSMHT0010961-SSMHT0004555 | D      | SS.GM.T0005452     | 560         | 6             | Burst to 8" - 13 svc                                        | \$ 63,850   | \$ 63,850   | Pipe Burst or Replace |
| 724  | 15    | SSMHT0010962-SSMHT0004558 | C      | SS.GM.T0006499     | 48          | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM       |
| 725  | 15    | SSMHT0010963-SSMHT0004556 | D      | SS.GM.T0005453     | 381         | 6             | Point Repair at 290 ft from 04556                           | \$ 4,750    | \$ 4,750    | Point Repair          |
| 726  | 15    | SSMHT0010964-SSMHT0000387 | C      | SS.GM.T0005454     | 208         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM       |
| 727  | 15    | SSMHT0010965-SSMHT0000895 | C      | SS.GM.T0012942     | 345         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM       |
| 728  | 15    | SSMHT0010966-SSMHT0000388 | C      | SS.GM.T0008429     | 181         | 6             | Remove Roots; Add to Root Removal Schedule                  | \$ 905      | \$ -        | Monitor in CMOM       |
| 729  | 15    | SSMHT0010967-SSMHT0003035 | C      | SS.GM.T0008430     | 236         | 6             | Point Repair at 265 ft from 03035                           | \$ 4,750    | \$ -        | Monitor in CMOM       |
| 730  | 15    | SSMHT0010968-SSMHT0003036 | D      | SS.GM.T0006497     | 219         | 6             | Point Repair 3,98 and 156 ft from 03036                     | \$ 14,250   | \$ 14,250   | Point Repair          |
| 731  | 15    | SSMHT0010969-SSMHT0003036 | C      | SS.GM.T0006496     | 10          | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM       |
| 732  | 15    | SSMHT0010973-SSMHT0004552 | C      | SS.GM.T0005456     | 258         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM       |
| 733  | 15    | SSMHT0010974-SSMHT0004552 | D      | SS.GM.T0005455     | 420         | 6             | Point Repair at 1 and 51 ft from 04552                      | \$ 9,500    | \$ 9,500    | Point Repair          |
| 734  | 15    | SSMHT0010975-SSMHT0004557 | C      | SS.GM.T0006500     | 223         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM       |
| 735  | 15    | SSMHT0010976-SSMHT0004557 | D      | SS.GM.T0006501     | 202         | 6             | Burst to 8" - 4 svc                                         | \$ 19,750   | \$ 19,750   | Pipe Burst or Replace |
| 736  | 15    | SSMHT0010977-SSMHT0000895 | D      | SS.GM.T0009818     | 303         | 6             | Point Repair at 5 and 248 ft from 00895                     | \$ 9,500    | \$ 9,500    | Point Repair          |
| 737  | 8     | SSMHT0010980-SSMHT0003154 | C      | SS.GM.T0007093     | 171         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM       |
| 738  | 8     | SSMHT0011025-SSMHT0001778 | D      | SS.GM.T0006454     | 495         | 6             | Point Repair at 335 ft from 01778                           | \$ 4,750    | \$ 4,750    | Point Repair          |
| 739  | 8     | SSMHT0011026-SSMHT0001720 | C      | SS.GM.T0006435     | 348         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM       |
| 740  | 8     | SSMHT0011027-SSMHT0002600 | C      | SS.GM.T0006687     | 266         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM       |
| 741  | 8     | SSMHT0011028-SSMHT0002573 | C      | SS.GM.T0007509     | 241         | 6             | Point Repair 92 and 122 ft from 02573; Add to Root Schedule | \$ 9,500    | \$ -        | Monitor in CMOM       |
| 742  | 8     | SSMHT0011029-SSMHT0013007 | D      | SS.GM.T0013254     | 131         | 6             | Point Repair 5 ft from 13007                                | \$ 4,750    | \$ 4,750    | Point Repair          |
| 743  | 8     | SSMHT0011031-SSMHT0001800 | C      | SS.GM.T0007997     | 353         | 6             | Point Repair at 256 ft from 01800                           | \$ 4,750    | \$ -        | Monitor in CMOM       |
| 744  | 8     | SSMHT0011032-SSMHT0001805 | D      | SS.GM.T0006622     | 208         | 6             | Pipe Burst to 8" - 11 svc                                   | \$ 49,250   | \$ 49,250   | Pipe Burst or Replace |
| 745  | 8     | SSMHT0011033-SSMHT0002546 | C      | SS.GM.T0006611     | 91          | 8             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM       |
| 746  | 8     | SSMHT0011034-SSMHT0001727 | C      | SS.GM.T0006450     | 599         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM       |
| 747  | 8     | SSMHT0011035-SSMHT0002555 | D      | SS.GM.T0006442     | 348         | 6             | Point Repair at 61,215 ,292 and 299 from 02555              | \$ 19,000   | \$ 19,000   | Point Repair          |
| 748  | 15    | SSMHT0011039-SSMHT0002993 | C      | SS.GM.T0005435     | 160         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM       |





## Mainline Remediation Plan

| Remedial Measure Description        | Quantity | Remediation Plan |
|-------------------------------------|----------|------------------|
| Access; Clean and Inspection (I.f.) | 23,344   | \$ 248,528       |
| Monitor in CMOM (I.f.)              | 189,044  | \$ -             |
| Pipe Burst or Replace (I.f.)        | 35,752   | \$ 3,550,065     |
| Point Repair (ea.)                  | 280      | \$ 1,295,555     |
| Replace Mainline (I.f.)             | 4,583    | \$ 905,950       |
| Cured In Place Pipe Liner (I.f.)    | 5,787    | \$ 409,550       |
|                                     |          | \$ 6,409,648     |

| Item | Basin | Pipe Segment              | Rating | City Pipe Asset ID | Pipe Length | Pipe Diameter | Rehabilitation Recommendation                                   | Repair Cost | Recommended | Remediation Plan      |
|------|-------|---------------------------|--------|--------------------|-------------|---------------|-----------------------------------------------------------------|-------------|-------------|-----------------------|
| 749  | 15    | SSMHT0011040-SSMHT0000767 | C      | SS.GM.T0005438     | 485         | 6             | No Rehabilitation Recommended                                   | \$ -        | \$ -        | Monitor in CMOM       |
| 750  | 15    | SSMHT0011041-SSMHT0000768 | D      | SS.GM.T0005436     | 471         | 6             | Point Repair at 74 and 497 ft from 00768                        | \$ 9,500    | \$ 9,500    | Point Repair          |
| 751  | 15    | SSMHT0011042-SSMHT0004562 | C      | SS.GM.T0008437     | 272         | 6             | No Rehabilitation Recommended (04562 is a tee)                  | \$ -        | \$ -        | Monitor in CMOM       |
| 752  | 15    | SSMHT0011043-SSMHT0020007 | C      |                    | 374         | 6             | No Rehabilitation Recommended                                   | \$ -        | \$ -        | Monitor in CMOM       |
| 753  | 8     | SSMHT0011075-SSMHT0012909 | C      | SS.GM.T0006999     | 185         | 6             | No Rehabilitation Recommended                                   | \$ -        | \$ -        | Monitor in CMOM       |
| 754  | 15    | SSMHT0011166-SSMHT0004557 | C      | SS.GM.T0009819     | 133         | 6             | No Rehabilitation Recommended                                   | \$ -        | \$ -        | Monitor in CMOM       |
| 755  | 8     | SSMHT0011257-SSMHT0001200 | C      | SS.GM.T0009746     | 751         | 6             | Point Repair at 215 ft from 01200                               | \$ 4,750    | \$ -        | Monitor in CMOM       |
| 756  | 8     | SSMHT0011286-SSMHT0001783 | C      |                    | 707         | 6             | No Rehabilitation Recommended                                   | \$ -        | \$ -        | Monitor in CMOM       |
| 757  | 8     | SSMHT0011287-SSMHT0001782 | C      |                    | 580         | 6             | Point Repair at 171 ft from 01782; Add to Root Schedule         | \$ 4,750    | \$ -        | Monitor in CMOM       |
| 758  | 8     | SSMHT0011289-SSMHT0002007 | C      | SS.GM.T0007697     | 77          | 6             | No Rehabilitation Recommended                                   | \$ -        | \$ -        | Monitor in CMOM       |
| 759  | 8     | SSMHT0011290-SSMHT0001031 | C      | SS.GM.T0005617     | 91          | 6             | No Rehabilitation Recommended                                   | \$ -        | \$ -        | Monitor in CMOM       |
| 760  | 8     | SSMHT0011291-SSMHT0002011 | D      | SS.GM.T0005609     | 560         | 6             | Point Repair at 149,397 and 424 ft from 02011                   | \$ 14,250   | \$ 14,250   | Point Repair          |
| 761  | 8     | SSMHT0011293-SSMHT0002545 | C      | SS.GM.T0006385     | 267         | 6             | Place on Root Removal Schedule                                  | \$ -        | \$ -        | Monitor in CMOM       |
| 762  | 8     | SSMHT0011294-SSMHT0012924 | C      | SS.GM.T0005594     | 305         | 6             | No Rehabilitation Recommended                                   | \$ -        | \$ -        | Monitor in CMOM       |
| 763  | 8     | SSMHT0011295-SSMHT0002021 | C      | SS.GM.T0005613     | 117         | 6             | Burst to 8" - 2 svc                                             | \$ 12,950   | \$ -        | Monitor in CMOM       |
| 764  | 8     | SSMHT0011296-SSMHT0001736 | C      | SS.GM.T0006383     | 263         | 6             | Place on Root Removal Schedule                                  | \$ -        | \$ -        | Monitor in CMOM       |
| 765  | 8     | SSMHT0011298-SSMHT0002009 | C      | SS.GM.T0007665     | 925         | 6             | No Rehabilitation Recommended                                   | \$ -        | \$ -        | Monitor in CMOM       |
| 766  | 8     | SSMHT0011299-SSMHT0001737 | C      | SS.GM.T0006388     | 133         | 6             | No Rehabilitation Recommended                                   | \$ -        | \$ -        | Monitor in CMOM       |
| 767  | 8     | SSMHT0011301-SSMHT0001738 | C      | SS.GM.T0005592     | 298         | 8             | Place on Root Removal Schedule                                  | \$ -        | \$ -        | Monitor in CMOM       |
| 768  | 8     | SSMHT0011302-SSMHT0001756 | C      | SS.GM.T0006405     | 210         | 6             | No Rehabilitation Recommended                                   | \$ -        | \$ -        | Monitor in CMOM       |
| 769  | 8     | SSMHT0011304-SSMHT0010085 | C      | SS.GM.T0006915     | 153         | 6             | No Rehabilitation Recommended                                   | \$ -        | \$ -        | Monitor in CMOM       |
| 770  | 8     | SSMHT0011305-SSMHT0001722 | C      | SS.GM.T0006439     | 321         | 6             | No Rehabilitation Recommended                                   | \$ -        | \$ -        | Monitor in CMOM       |
| 771  | 8     | SSMHT0011309-SSMHT0002991 | D      | SS.GM.T0005254     | 73          | 6             | Point Repair 10 ft from 02991                                   | \$ 4,750    | \$ 4,750    | Point Repair          |
| 772  | 8     | SSMHT0011310-SSMHT0002561 | D      | SS.GM.T0005228     | 227         | 6             | Point Repair at 108 and 163 ft from 02561; Add to Root Schedule | \$ 9,500    | \$ 9,500    | Point Repair          |
| 773  | 8     | SSMHT0011311-SSMHT0002564 | C      | SS.GM.T0005218     | 219         | 6             | Root Removal Schedule in 5 years                                | \$ -        | \$ -        | Monitor in CMOM       |
| 774  | 8     | SSMHT0011318-SSMHT0002567 | C      | SS.GM.T0005220     | 297         | 6             | No Rehabilitation Recommended                                   | \$ -        | \$ -        | Monitor in CMOM       |
| 775  | 8     | SSMHT0011319-SSMHT0001719 | C      | SS.GM.T0006447     | 304         | 6             | No Rehabilitation Recommended                                   | \$ -        | \$ -        | Monitor in CMOM       |
| 776  | 8     | SSMHT0011320-SSMHT0002599 | C      | SS.GM.T0006680     | 365         | 6             | Point Repair 249 ft from 02599                                  | \$ 4,750    | \$ -        | Monitor in CMOM       |
| 777  | 8     | SSMHT0011322-SSMHT0001773 | D      | SS.GM.T0006544     | 97          | 6             | Point Repair 39 ft from 01773                                   | \$ 4,750    | \$ 4,750    | Point Repair          |
| 778  | 8     | SSMHT0011351-SSMHT0000898 | D      | SS.GM.T0005905     | 54          | 6             | Point Repair 22 ft and 93 ft from 00898                         | \$ 9,500    | \$ 9,500    | Point Repair          |
| 779  | 8     | SSMHT0011352-SSMHT0001786 | C      | SS.GM.T0007883     | 91          | 6             | No Rehabilitation Recommended                                   | \$ -        | \$ -        | Monitor in CMOM       |
| 780  | 8     | SSMHT0011358-SSMHT0002621 | C      | SS.GM.T0006703     | 217         | 6             | No Rehabilitation Recommended                                   | \$ -        | \$ -        | Monitor in CMOM       |
| 781  | 8     | SSMHT0011359-SSMHT0001922 | D      | SS.GM.T0006757     | 303         | 6             | Burst to 8" - 4 svc                                             | \$ 35,050   | \$ 35,050   | Pipe Burst or Replace |
| 782  | 8     | SSMHT0011360-SSMHT0001927 | C      | SS.GM.T0006771     | 72          | 6             | No Rehabilitation Recommended                                   | \$ -        | \$ -        | Monitor in CMOM       |
| 783  | 8     | SSMHT0011361-SSMHT0001925 | D      | SS.GM.T0006774     | 588         | 6             | Burst to 8" - 8 svc                                             | \$ 48,300   | \$ 48,300   | Pipe Burst or Replace |
| 784  | 8     | SSMHT0011362-SSMHT0012879 | C      | SS.GM.T0005243     | 142         | 6             | No Rehabilitation Recommended                                   | \$ -        | \$ -        | Monitor in CMOM       |
| 785  | 8     | SSMHT0011363-SSMHT0002641 | C      | SS.GM.T0006690     | 208         | 6             | No Rehabilitation Recommended                                   | \$ -        | \$ -        | Monitor in CMOM       |
| 786  | 8     | SSMHT0011365-SSMHT0002619 | C      | SS.GM.T0007204     | 487         | 6             | No Rehabilitation Recommended                                   | \$ -        | \$ -        | Monitor in CMOM       |
| 787  | 8     | SSMHT0011366-SSMHT0002647 | C      | SS.GM.T0006711     | 360         | 6             | No Rehabilitation Recommended                                   | \$ -        | \$ -        | Monitor in CMOM       |
| 788  | 8     | SSMHT0011367-SSMHT0001933 | C      | SS.GM.T0007210     | 375         | 6             | No Rehabilitation Recommended                                   | \$ -        | \$ -        | Monitor in CMOM       |
| 789  | 8     | SSMHT0011368-SSMHT0001935 | C      | SS.GM.T0007203     | 847         | 6             | No Rehabilitation Recommended                                   | \$ -        | \$ -        | Monitor in CMOM       |
| 790  | 8     | SSMHT0011369-SSMHT0002617 | C      | SS.GM.T0007152     | 323         | 6             | No Rehabilitation Recommended                                   | \$ -        | \$ -        | Monitor in CMOM       |
| 791  | 8     | SSMHT0011370-SSMHT0001934 | C      | SS.GM.T0007209     | 64          | 6             | No Rehabilitation Recommended                                   | \$ -        | \$ -        | Monitor in CMOM       |
| 792  | 8     | SSMHT0011371-SSMHT0001844 | C      | SS.GM.T0007551     | 144         | 6             | No Rehabilitation Recommended                                   | \$ -        | \$ -        | Monitor in CMOM       |



# Mainline Remediation Plan

| Remedial Measure Description        | Quantity | Remediation Plan |
|-------------------------------------|----------|------------------|
| Access; Clean and Inspection (I.f.) | 23,344   | \$ 248,528       |
| Monitor in CMOM (I.f.)              | 189,044  | \$ -             |
| Pipe Burst or Replace (I.f.)        | 35,752   | \$ 3,550,065     |
| Point Repair (ea.)                  | 280      | \$ 1,295,555     |
| Replace Mainline (I.f.)             | 4,583    | \$ 905,950       |
| Cured In Place Pipe Liner (I.f.)    | 5,787    | \$ 409,550       |
|                                     |          | \$ 6,409,648     |

| Item | Basin | Pipe Segment              | Rating | City Pipe Asset ID | Pipe Length | Pipe Diameter | Rehabilitation Recommendation              | Repair Cost | Recommended | Remediation Plan      |
|------|-------|---------------------------|--------|--------------------|-------------|---------------|--------------------------------------------|-------------|-------------|-----------------------|
| 793  | 8     | SSMHT0011372-SSMHT0001934 | C      | SS.GM.T0007206     | 140         | 6             | No Rehabilitation Recommended              | \$ -        | \$ -        | Monitor in CMOM       |
| 794  | 8     | SSMHT0011373-SSMHT0001841 | C      | SS.GM.T0007215     | 195         | 6             | No Rehabilitation Recommended              | \$ -        | \$ -        | Monitor in CMOM       |
| 795  | 8     | SSMHT0011419-SSMHT0012908 | C      | SS.GM.T0006851     | 187         | 6             | No Rehabilitation Recommended              | \$ -        | \$ -        | Monitor in CMOM       |
| 796  | 8     | SSMHT0011447-SSMHT0003155 | C      | SS.GM.T0007095     | 280         | 6             | No Rehabilitation Recommended              | \$ -        | \$ -        | Monitor in CMOM       |
| 797  | 15    | SSMHT0011491-SSMHT0002957 | D      | SS.GM.T0005429     | 112         | 6             | Replace Line                               | \$ 42,200   | \$ 42,200   | Replace Mainline      |
| 798  | 15    | SSMHT0011492-SSMHT0020018 | C      |                    | 108         | 6             | No Rehabilitation Recommended              | \$ -        | \$ -        | Monitor in CMOM       |
| 799  | 8     | SSMHT0010342-SSMHT0001017 | C      | SS.GM.T0006933     | 108         | 6             | No Rehabilitation Recommended              | \$ -        | \$ -        | Monitor in CMOM       |
| 800  | 15    | SSMHT0011499-SSMHT0003041 | C      |                    | 130         | 8             | Remove Roots; CIPP - 6 svc                 | \$ 38,217   | \$ -        | Monitor in CMOM       |
| 801  | 8     | SSMHT0011537-SSMHT0001939 | C      | SS.GM.T0006930     | 135         | 6             | No Rehabilitation Recommended              | \$ -        | \$ -        | Monitor in CMOM       |
| 802  | 8     | SSMHT0011542-SSMHT0002610 | C      | SS.GM.T0006675     | 143         | 6             | No Rehabilitation Recommended              | \$ -        | \$ -        | Monitor in CMOM       |
| 803  | 8     | SSMHT0011543-SSMHT0012888 | C      | SS.GM.T0007986     | 180         | 6             | No Rehabilitation Recommended              | \$ -        | \$ -        | Monitor in CMOM       |
| 804  | 8     | SSMHT0011544-SSMHT0002606 | C      | SS.GM.T0006686     | 133         | 6             | No Rehabilitation Recommended              | \$ -        | \$ -        | Monitor in CMOM       |
| 805  | 8     | SSMHT0011557-SSMHT0005678 | E      | SS.GM.T0007083     | 403         | 6             | Point Repair at 45 ft (Gas Line) then CCTV | \$ 6,765    | \$ 6,765    | Point Repair          |
| 806  | 8     | SSMHT0011594-SSMHT0004546 | C      | SS.GM.T0006526     | 686         | 6             | No Rehabilitation Recommended              | \$ -        | \$ -        | Monitor in CMOM       |
| 807  | 8     | SSMHT0011609-SSMHT0004546 | C      | SS.GM.T0006521     | 299         | 6             | Point Repair at 23 ft from 04546           | \$ 4,750    | \$ -        | Monitor in CMOM       |
| 808  | 15    | SSMHT0011611-SSMHT0002969 | C      | SS.GM.T0005449     | 154         | 6             | No Rehabilitation Recommended              | \$ -        | \$ -        | Monitor in CMOM       |
| 809  | 15    | SSMHT0011612-SSMHT0002956 | C      | SS.GM.T0008837     | 280         | 6             | No Rehabilitation Recommended              | \$ -        | \$ -        | Monitor in CMOM       |
| 810  | 15    | SSMHT0011613-SSMHT0000377 | D      | SS.GM.T0008841     | 226         | 6             | Burst to 8" - 12 svc                       | \$ 37,950   | \$ 37,950   | Pipe Burst or Replace |
| 811  | 15    | SSMHT0011614-SSMHT0000384 | C      | SS.GM.T0005421     | 177         | 6             | No Rehabilitation Recommended              | \$ -        | \$ -        | Monitor in CMOM       |
| 812  | 15    | SSMHT0011615-SSMHT0000384 | C      | SS.GM.T0005420     | 93          | 8             | No Rehabilitation Recommended              | \$ -        | \$ -        | Monitor in CMOM       |
| 813  | 15    | SSMHT0011616-SSMHT0003010 | C      | SS.GM.T0005417     | 93          | 8             | No Rehabilitation Recommended              | \$ -        | \$ -        | Monitor in CMOM       |
| 814  | 15    | SSMHT0011617-SSMHT0013589 | C      | SS.GM.T0005058     | 122         | 10            | No Rehabilitation Recommended              | \$ -        | \$ -        | Monitor in CMOM       |
| 815  | 15    | SSMHT0011618-SSMHT0003010 | C      | SS.GM.T0008440     | 79          | 8             | No Rehabilitation Recommended              | \$ -        | \$ -        | Monitor in CMOM       |
| 816  | 15    | SSMHT0011619-SSMHT0020013 | E      |                    | 451         | 8             | Point Repair at 80 ft from 20013           | \$ 4,750    | \$ 4,750    | Point Repair          |
| 817  | 8     | SSMHT0011620-SSMHT0002576 | C      | SS.GM.T0005248     | 253         | 6             | No Rehabilitation Recommended              | \$ -        | \$ -        | Monitor in CMOM       |
| 818  | 8     | SSMHT0011621-SSMHT0002597 | C      | SS.GM.T0005214     | 212         | 6             | No Rehabilitation Recommended              | \$ -        | \$ -        | Monitor in CMOM       |
| 819  | 8     | SSMHT0011622-SSMHT0001948 | C      | SS.GM.T0006566     | 279         | 6             | No Rehabilitation Recommended              | \$ -        | \$ -        | Monitor in CMOM       |
| 820  | 8     | SSMHT0011623-SSMHT0002595 | C      | SS.GM.T0005202     | 43          | 6             | No Rehabilitation Recommended              | \$ -        | \$ -        | Monitor in CMOM       |
| 821  | 8     | SSMHT0011624-SSMHT0012917 | C      | SS.GM.T0007504     | 146         | 6             | No Rehabilitation Recommended              | \$ -        | \$ -        | Monitor in CMOM       |
| 822  | 8     | SSMHT0011625-SSMHT0001092 | C      | SS.GM.T0006669     | 168         | 6             | No Rehabilitation Recommended              | \$ -        | \$ -        | Monitor in CMOM       |
| 823  | 8     | SSMHT0011626-SSMHT0001971 | C      | SS.GM.T0006667     | 651         | 6             | No Rehabilitation Recommended              | \$ -        | \$ -        | Monitor in CMOM       |
| 824  | 8     | SSMHT0011627-SSMHT0012883 | C      | SS.GM.T0005233     | 263         | 6             | No Rehabilitation Recommended              | \$ -        | \$ -        | Monitor in CMOM       |
| 825  | 8     | SSMHT0011628-SSMHT0012878 | C      | SS.GM.T0005239     | 356         | 6             | Point Repair at 348 from 12878             | \$ 4,750    | \$ -        | Monitor in CMOM       |
| 826  | 8     | SSMHT0011630-SSMHT0012873 | C      | SS.GM.T0006697     | 87          | 6             | No Rehabilitation Recommended              | \$ -        | \$ -        | Monitor in CMOM       |
| 827  | 8     | SSMHT0011631-SSMHT0001924 | C      | SS.GM.T0006768     | 40          | 6             | Point Repair at 5 ft from 01924            | \$ 4,750    | \$ -        | Monitor in CMOM       |
| 828  | 8     | SSMHT0011632-SSMHT0002653 | C      | SS.GM.T0007147     | 211         | 6             | No Rehabilitation Recommended              | \$ -        | \$ -        | Monitor in CMOM       |
| 829  | 8     | SSMHT0011633-SSMHT0002705 | C      | SS.GM.T0006695     | 466         | 6             | No Rehabilitation Recommended              | \$ -        | \$ -        | Monitor in CMOM       |
| 830  | 15    | SSMHT0011764-SSMHT0002728 | D      | SS.GM.T0005492     | 416         | 6             | Burst to 8" - 16 svc                       | \$ 55,525   | \$ 55,525   | Pipe Burst or Replace |
| 831  | 15    | SSMHT0011765-SSMHT0002728 | C      | SS.GM.T0005491     | 99          | 6             | No Rehabilitation Recommended              | \$ -        | \$ -        | Monitor in CMOM       |
| 832  | 15    | SSMHT0011766-SSMHT0002730 | C      | SS.GM.T0005489     | 669         | 6             | No Rehabilitation Recommended              | \$ -        | \$ -        | Monitor in CMOM       |
| 833  | 15    | SSMHT0011767-SSMHT0012802 | C      | SS.GM.T0005410     | 265         | 6             | No Rehabilitation Recommended              | \$ -        | \$ -        | Monitor in CMOM       |
| 834  | 15    | SSMHT0011768-SSMHT0012803 | C      | SS.GM.T0005411     | 206         | 6             | No Rehabilitation Recommended              | \$ -        | \$ -        | Monitor in CMOM       |
| 835  | 15    | SSMHT0011769-SSMHT0001134 | C      | SS.GM.T0005412     | 308         | 6             | No Rehabilitation Recommended              | \$ -        | \$ -        | Monitor in CMOM       |
| 836  | 8     | SSMHT0011792-SSMHT0001742 | C      | SS.GM.T0006399     | 234         | 6             | No Rehabilitation Recommended              | \$ -        | \$ -        | Monitor in CMOM       |



## Mainline Remediation Plan

| Remedial Measure Description        | Quantity | Remediation Plan |
|-------------------------------------|----------|------------------|
| Access; Clean and Inspection (I.f.) | 23,344   | \$ 248,528       |
| Monitor in CMOM (I.f.)              | 189,044  | \$ -             |
| Pipe Burst or Replace (I.f.)        | 35,752   | \$ 3,550,065     |
| Point Repair (ea.)                  | 280      | \$ 1,295,555     |
| Replace Mainline (I.f.)             | 4,583    | \$ 905,950       |
| Cured In Place Pipe Liner (I.f.)    | 5,787    | \$ 409,550       |
|                                     |          | \$ 6,409,648     |

| Item | Basin | Pipe Segment              | Rating | City Pipe Asset ID | Pipe Length | Pipe Diameter | Rehabilitation Recommendation                                 | Repair Cost | Recommended | Remediation Plan             |
|------|-------|---------------------------|--------|--------------------|-------------|---------------|---------------------------------------------------------------|-------------|-------------|------------------------------|
| 837  | 8     | SSMHT0011794-SSMHT0001757 | C      | SS.GM.T0006413     | 270         | 6             | Place on Root Removal Schedule                                | \$ -        | \$ -        | Monitor in CMOM              |
| 838  | 8     | SSMHT0011796-SSMHT0020030 | C      |                    | 541         | 6             | No Rehabilitation Recommended                                 | \$ -        | \$ -        | Monitor in CMOM              |
| 839  | 8     | SSMHT0011797-SSMHT0001757 | C      | SS.GM.T0006412     | 263         | 6             | No Rehabilitation Recommended; Place on Root Removal Schedule | \$ -        | \$ -        | Monitor in CMOM              |
| 840  | 8     | SSMHT0011798-SSMHT0001716 | C      | SS.GM.T0006424     | 197         | 8             | No Rehabilitation Recommended                                 | \$ -        | \$ -        | Monitor in CMOM              |
| 841  | 8     | SSMHT0011799-SSMHT0001746 | C      | SS.GM.T0006398     | 368         | 6             | No Rehabilitation Recommended                                 | \$ -        | \$ -        | Monitor in CMOM              |
| 842  | 8     | SSMHT0011800-SSMHT0002551 | C      | SS.GM.T0006428     | 115         | 6             | No Rehabilitation Recommended                                 | \$ -        | \$ -        | Monitor in CMOM              |
| 843  | 8     | SSMHT0011801-SSMHT0001747 | C      | SS.GM.T0006393     | 419         | 8             | No Rehabilitation Recommended                                 | \$ -        | \$ -        | Monitor in CMOM              |
| 844  | 8     | SSMHT0011803-SSMHT0001714 | C      | SS.GM.T0006431     | 142         | 8             | No Rehabilitation Recommended                                 | \$ -        | \$ -        | Monitor in CMOM              |
| 845  | 8     | SSMHT0011804-SSMHT0001721 | C      | SS.GM.T0006437     | 277         | 6             | No Rehabilitation Recommended                                 | \$ -        | \$ -        | Monitor in CMOM              |
| 846  | 8     | SSMHT0011805-SSMHT0002551 | D      | SS.GM.T0006429     | 543         | 6             | Point Repair 147 ft from 02551 and Re-CCTV                    | \$ 7,465    | \$ 7,465    | Point Repair                 |
| 847  | 8     | SSMHT0011806-SSMHT0001728 | D      | SS.GM.T0006433     | 498         | 8             | Clean and CCTV from 01728                                     | \$ 3,984    | \$ 3,984    | Access; Clean and Inspection |
| 848  | 8     | SSMHT0011807-SSMHT0001810 | C      | SS.GM.T0006617     | 574         | 6             | No Rehabilitation Recommended                                 | \$ -        | \$ -        | Monitor in CMOM              |
| 849  | 8     | SSMHT0011808-SSMHT0001724 | C      | SS.GM.T0006451     | 93          | 6             | Point Repair 2 ft from 01724                                  | \$ 4,750    | \$ -        | Monitor in CMOM              |
| 850  | 8     | SSMHT0011809-SSMHT0002561 | C      | SS.GM.T0005229     | 173         | 6             | Point Repair at 42 and 60 ft from 02561                       | \$ 9,500    | \$ -        | Monitor in CMOM              |
| 851  | 8     | SSMHT0011810-SSMHT0002571 | C      | SS.GM.T0005252     | 259         | 6             | Burst to 8" - 5 svc                                           | \$ 28,175   | \$ -        | Monitor in CMOM              |
| 852  | 8     | SSMHT0011833-SSMHT0002596 | C      | SS.GM.T0005444     | 249         | 6             | Point Repair 2 ft from 02596                                  | \$ 4,750    | \$ -        | Monitor in CMOM              |
| 853  | 15    | SSMHT0011834-SSMHT0000389 | C      | SS.GM.T0005448     | 128         | 6             | No Rehabilitation Recommended                                 | \$ -        | \$ -        | Monitor in CMOM              |
| 854  | 15    | SSMHT0011835-SSMHT0000765 | C      | SS.GM.T0008431     | 244         | 6             | No Rehabilitation Recommended                                 | \$ -        | \$ -        | Monitor in CMOM              |
| 855  | 8     | SSMHT0011841-SSMHT0002595 | C      | SS.GM.T0005200     | 385         | 6             | No Rehabilitation Recommended                                 | \$ -        | \$ -        | Monitor in CMOM              |
| 856  | 8     | SSMHT0011842-SSMHT0002592 | C      | SS.GM.T0005206     | 362         | 6             | No Rehabilitation Recommended                                 | \$ -        | \$ -        | Monitor in CMOM              |
| 857  | 8     | SSMHT0011843-SSMHT0002682 | C      | SS.GM.T0006702     | 273         | 6             | No Rehabilitation Recommended                                 | \$ -        | \$ -        | Monitor in CMOM              |
| 858  | 8     | SSMHT0011844-SSMHT0002022 | D      | SS.GM.T0006568     | 201         | 6             | Point Repair at 178 ft from 02022                             | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 859  | 8     | SSMHT0011845-SSMHT0001910 | C      | SS.GM.T0006766     | 365         | 6             | No Rehabilitation Recommended                                 | \$ -        | \$ -        | Monitor in CMOM              |
| 860  | 8     | SSMHT0011846-SSMHT0001823 | C      | SS.GM.T0006747     | 273         | 6             | No Rehabilitation Recommended                                 | \$ -        | \$ -        | Monitor in CMOM              |
| 861  | 8     | SSMHT0011847-SSMHT0012918 | C      | SS.GM.T0005195     | 245         | 6             | No Rehabilitation Recommended                                 | \$ -        | \$ -        | Monitor in CMOM              |
| 862  | 8     | SSMHT0011848-SSMHT0001821 | C      | SS.GM.T0006754     | 375         | 6             | No Rehabilitation Recommended                                 | \$ -        | \$ -        | Monitor in CMOM              |
| 863  | 8     | SSMHT0011849-SSMHT0002633 | C      | SS.GM.T0005235     | 423         | 6             | No Rehabilitation Recommended                                 | \$ -        | \$ -        | Monitor in CMOM              |
| 864  | 8     | SSMHT0011850-SSMHT0001832 | C      | SS.GM.T0007138     | 273         | 6             | Burst to 8" - 5 svc                                           | \$ 30,050   | \$ -        | Monitor in CMOM              |
| 865  | 8     | SSMHT0011851-SSMHT0001824 | C      | SS.GM.T0006740     | 209         | 6             | No Rehabilitation Recommended                                 | \$ -        | \$ -        | Monitor in CMOM              |
| 866  | 8     | SSMHT0011852-SSMHT0001824 | C      | SS.GM.T0006741     | 277         | 6             | Sectional Liner from 100 to 160 ft from 01824                 | \$ 7,000    | \$ -        | Monitor in CMOM              |
| 867  | 8     | SSMHT0011853-SSMHT0002026 | C      | SS.GM.T0006750     | 341         | 6             | No Rehabilitation Recommended                                 | \$ -        | \$ -        | Monitor in CMOM              |
| 868  | 8     | SSMHT0011854-SSMHT0002635 | C      | SS.GM.T0005236     | 143         | 6             | No Rehabilitation Recommended                                 | \$ -        | \$ -        | Monitor in CMOM              |
| 869  | 8     | SSMHT0011855-SSMHT0001838 | D      | SS.GM.T0007142     | 131         | 6             | Point Repair at 53 ft from 01838                              | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 870  | 8     | SSMHT0011856-SSMHT0002029 | C      | SS.GM.T0006752     | 302         | 6             | No Rehabilitation Recommended                                 | \$ -        | \$ -        | Monitor in CMOM              |
| 871  | 8     | SSMHT0011857-SSMHT0002028 | C      | SS.GM.T0006726     | 305         | 6             | CIPP - 10 svc                                                 | \$ 16,458   | \$ -        | Monitor in CMOM              |
| 872  | 8     | SSMHT0011858-SSMHT0001824 | C      | SS.GM.T0006739     | 448         | 6             | Replace from 215 to 360 ft from 01824                         | \$ 29,000   | \$ -        | Monitor in CMOM              |
| 873  | 8     | SSMHT0011859-SSMHT0002026 | C      | SS.GM.T0006749     | 452         | 6             | No Rehabilitation Recommended                                 | \$ -        | \$ -        | Monitor in CMOM              |
| 874  | 8     | SSMHT0011860-SSMHT0001864 | C      | SS.GM.T0007172     | 201         | 6             | No Rehabilitation Recommended                                 | \$ -        | \$ -        | Monitor in CMOM              |
| 875  | 8     | SSMHT0011861-SSMHT0001860 | C      | SS.GM.T0006864     | 358         | 6             | No Rehabilitation Recommended                                 | \$ -        | \$ -        | Monitor in CMOM              |
| 876  | 8     | SSMHT0011862-SSMHT0001861 | C      | SS.GM.T0006865     | 154         | 6             | No Rehabilitation Recommended                                 | \$ -        | \$ -        | Monitor in CMOM              |
| 877  | 8     | SSMHT0011863-SSMHT0001870 | D      | SS.GM.T0007191     | 90          | 6             | Point Repair at 28 ft from 01870                              | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 878  | 8     | SSMHT0011864-SSMHT0002663 | D      | SS.GM.T0007178     | 396         | 6             | Burst to 8" - 0 svc                                           | \$ 29,700   | \$ 29,700   | Pipe Burst or Replace        |
| 879  | 8     | SSMHT0011865-SSMHT0002656 | E      | SS.GM.T0007187     | 480         | 6             | Point Repair at 419,483, 517 and 524 ft from 02656            | \$ 19,000   | \$ 19,000   | Point Repair                 |
| 880  | 8     | SSMHT0011866-SSMHT0002655 | D      | SS.GM.T0007157     | 565         | 6             | Point Repair at 43, 188 and 283 to 294 ft from 02655          | \$ 14,250   | \$ 14,250   | Point Repair                 |





## Mainline Remediation Plan

| Remedial Measure Description        | Quantity | Remediation Plan |
|-------------------------------------|----------|------------------|
| Access; Clean and Inspection (I.f.) | 23,344   | \$ 248,528       |
| Monitor in CMOM (I.f.)              | 189,044  | \$ -             |
| Pipe Burst or Replace (I.f.)        | 35,752   | \$ 3,550,065     |
| Point Repair (ea.)                  | 280      | \$ 1,295,555     |
| Replace Mainline (I.f.)             | 4,583    | \$ 905,950       |
| Cured In Place Pipe Liner (I.f.)    | 5,787    | \$ 409,550       |
|                                     |          | \$ 6,409,648     |

| Item | Basin | Pipe Segment              | Rating | City Pipe Asset ID | Pipe Length | Pipe Diameter | Rehabilitation Recommendation                                  | Repair Cost | Recommended | Remediation Plan      |
|------|-------|---------------------------|--------|--------------------|-------------|---------------|----------------------------------------------------------------|-------------|-------------|-----------------------|
| 881  | 8     | SSMHT0011867-SSMHT0002662 | D      | SS.GM.T0007190     | 364         | 6             | Point Repair at 311 ft from 02662                              | \$ 4,750    | \$ 4,750    | Point Repair          |
| 882  | 8     | SSMHT0011869-SSMHT0001872 | C      | SS.GM.T0007180     | 328         | 6             | Sectional liner 65 to 75 ft from 01872                         | \$ 7,000    | \$ -        | Monitor in CMOM       |
| 883  | 8     | SSMHT0011870-SSMHT0002660 | C      | SS.GM.T0007222     | 195         | 6             | Place on Root Removal Schedule                                 | \$ -        | \$ -        | Monitor in CMOM       |
| 884  | 8     | SSMHT0011871-SSMHT0001941 | C      | SS.GM.T0006934     | 277         | 6             | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM       |
| 885  | 8     | SSMHT0011872-SSMHT0001972 | C      | SS.GM.T0006949     | 630         | 6             | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM       |
| 886  | 8     | SSMHT0011873-SSMHT0002041 | D      | SS.GM.T0006947     | 949         | 6             | Point Repair at 268 and 330 ft from 02041                      | \$ 9,500    | \$ 9,500    | Point Repair          |
| 887  | 8     | SSMHT0011875-SSMHT0001870 | C      | SS.GM.T0007409     | 80          | 6             | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM       |
| 888  | 8     | SSMHT0011888-SSMHT0003163 | C      | SS.GM.T0006848     | 269         | 6             | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM       |
| 889  | 8     | SSMHT0011889-SSMHT0005679 | C      | SS.GM.T0006853     | 257         | 6             | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM       |
| 890  | 8     | SSMHT0011900-SSMHT0003162 | D      | SS.GM.T0007169     | 543         | 6             | Burst to 8" - 2 svc                                            | \$ 44,225   | \$ 44,225   | Pipe Burst or Replace |
| 891  | 8     | SSMHT0012019-SSMHT0001715 | C      | SS.GM.T0006430     | 202         | 8             | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM       |
| 892  | 8     | SSMHT0012020-SSMHT0002563 | C      | SS.GM.T0005255     | 596         | 6             | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM       |
| 893  | 8     | SSMHT0012021-SSMHT0002546 | D      | SS.GM.T0006613     | 544         | 8             | Point Repair 285 ft from 02546                                 | \$ 4,750    | \$ 4,750    | Point Repair          |
| 894  | 8     | SSMHT0012022-SSMHT0001721 | C      | SS.GM.T0006438     | 112         | 6             | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM       |
| 895  | 8     | SSMHT0012023-SSMHT0002568 | C      |                    | 405         | 6             | Burst to 8" from 12023 to 02568 - 10 svc                       | \$ 47,875   | \$ -        | Monitor in CMOM       |
| 896  | 8     | SSMHT0012026-SSMHT0012919 | C      | SS.GM.T0005215     | 150         | 6             | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM       |
| 897  | 15    | SSMHT0012053-SSMHT0004545 | C      | SS.GM.T0006498     | 196         | 6             | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM       |
| 898  | 15    | SSMHT0012056-SSMHT0004523 | D      | SS.GM.T0005487     | 275         | 6             | Burst to 8" - 1 svc                                            | \$ 22,375   | \$ 22,375   | Pipe Burst or Replace |
| 899  | 15    | SSMHT0012059-SSMHT0020004 | D      |                    | 852         | 6             | Point Repair at 270 and 539 ft from 20004                      | \$ 9,500    | \$ 9,500    | Point Repair          |
| 900  | 15    | SSMHT0012061-SSMHT0001256 | C      | SS.GM.T0005359     | 136         | 6             | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM       |
| 901  | 15    | SSMHT0012062-SSMHT0012959 | C      | SS.GM.T0005358     | 324         | 6             | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM       |
| 902  | 15    | SSMHT0012065-SSMHT0002962 | C      | SS.GM.T0005050     | 66          | 6             | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM       |
| 903  | 15    | SSMHT0012066-SSMHT0012958 | C      | SS.GM.T0005053     | 138         | 6             | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM       |
| 904  | 8     | SSMHT0012068-SSMHT0001946 | C      | SS.GM.T0006569     | 663         | 6             | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM       |
| 905  | 8     | SSMHT0012069-SSMHT0001912 | C      | SS.GM.T0006556     | 374         | 6             | Point Repair 71 feet from SSMHT0001912; then CCTV              | \$ 6,620    | \$ -        | Monitor in CMOM       |
| 906  | 8     | SSMHT0013846-SSMHT0001911 | D      |                    | 95          | 6             | Point Repair at 18.5 ft from 01911                             | \$ 4,750    | \$ 4,750    | Point Repair          |
| 907  | 8     | SSMHT0012070-SSMHT0013846 | D      |                    | 688         | 6             | Burst to 8" - 6 svc                                            | \$ 43,500   | \$ 43,500   | Pipe Burst or Replace |
| 908  | 8     | SSMHT0012071-SSMHT0001828 | D      | SS.GM.T0006725     | 354         | 6             | Burst to 8" - 1 svc                                            | \$ 28,300   | \$ 28,300   | Pipe Burst or Replace |
| 909  | 8     | SSMHT0012134-SSMHT0003152 | C      | SS.GM.T0007087     | 626         | 6             | Burst to 8" - 13 svc                                           | \$ 53,825   | \$ -        | Monitor in CMOM       |
| 910  | 8     | SSMHT0012139-SSMHT0003155 | C      | SS.GM.T0007096     | 72          | 6             | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM       |
| 911  | 15    | SSMHT0012262-SSMHT0003068 | D      | SS.GM.T0007396     | 512         | 6             | Point Repair 28, 84 and 469 ft from 03068                      | \$ 14,250   | \$ 14,250   | Point Repair          |
| 912  | 15    | SSMHT0012402-SSMHT0002987 | C      | SS.GM.T0005447     | 68          | 6             | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM       |
| 913  | 15    | SSMHT0012403-SSMHT0000887 | C      | SS.GM.T0009809     | 110         | 12            | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM       |
| 914  | 8     | SSMHT0012441-SSMHT0001880 | C      | SS.GM.T0005318     | 504         | 6             | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM       |
| 915  | 8     | SSMHT0012443-SSMHT0002673 | C      | SS.GM.T0005624     | 97          | 6             | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM       |
| 916  | 8     | SSMHT0012444-SSMHT0002673 | C      | SS.GM.T0005634     | 98          | 6             | Sectional Liner 20 ft to 40 ft from 02673                      | \$ 7,000    | \$ -        | Monitor in CMOM       |
| 917  | 8     | SSMHT0012445-SSMHT0001887 | C      | SS.GM.T0005625     | 128         | 6             | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM       |
| 918  | 8     | SSMHT0012446-SSMHT0001879 | C      |                    | 128         | 6             | Place on High Frequency Cleaning List                          | \$ -        | \$ -        | Monitor in CMOM       |
| 919  | 8     | SSMHT0012447-SSMHT0002671 | C      | SS.GM.T0005325     | 263         | 6             | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM       |
| 920  | 8     | SSMHT0012449-SSMHT0002671 | C      | SS.GM.T0005326     | 90          | 6             | No Rehabilitation Recommended                                  | \$ -        | \$ -        | Monitor in CMOM       |
| 921  | 8     | SSMHT0012450-SSMHT0001881 | D      | SS.GM.T0005317     | 403         | 8             | Point Repair at 299 ft from 01881; Place on Root Rem. Schedule | \$ 4,750    | \$ 4,750    | Point Repair          |
| 922  | 8     | SSMHT0012451-SSMHT0001884 | D      | SS.GM.T0007568     | 357         | 6             | Pont Repair at 20 ft from 01884                                | \$ 4,750    | \$ 4,750    | Point Repair          |
| 923  | 8     | SSMHT0012453-SSMHT0001884 | E      | SS.GM.T0005607     | 681         | 6             | Point Repairs at 71,220, and 284 ft from 01884                 | \$ 14,250   | \$ 14,250   | Point Repair          |
| 924  | 8     | SSMHT0012454-SSMHT0002672 | D      | SS.GM.T0005327     | 318         | 6             | Point Repair at 359 ft from 02672                              | \$ 4,750    | \$ 4,750    | Point Repair          |



## Mainline Remediation Plan

| Remedial Measure Description        | Quantity | Remediation Plan |
|-------------------------------------|----------|------------------|
| Access; Clean and Inspection (I.f.) | 23,344   | \$ 248,528       |
| Monitor in CMOM (I.f.)              | 189,044  | \$ -             |
| Pipe Burst or Replace (I.f.)        | 35,752   | \$ 3,550,065     |
| Point Repair (ea.)                  | 280      | \$ 1,295,555     |
| Replace Mainline (I.f.)             | 4,583    | \$ 905,950       |
| Cured In Place Pipe Liner (I.f.)    | 5,787    | \$ 409,550       |
|                                     |          | \$ 6,409,648     |

| Item | Basin | Pipe Segment              | Rating | City Pipe Asset ID | Pipe Length | Pipe Diameter | Rehabilitation Recommendation                                    | Repair Cost | Recommended | Remediation Plan             |
|------|-------|---------------------------|--------|--------------------|-------------|---------------|------------------------------------------------------------------|-------------|-------------|------------------------------|
| 925  | 8     | SSMHT0012455-SSMHT0001784 | C      | SS.GM.T0005603     | 219         | 8             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 926  | 8     | SSMHT0012456-SSMHT0001965 | C      | SS.GM.T0005639     | 160         | 6             | Place on High Frequency Cleaning List                            | \$ -        | \$ -        | Monitor in CMOM              |
| 927  | 8     | SSMHT0012457-SSMHT0001787 | C      | SS.GM.T0005587     | 130         | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 928  | 8     | SSMHT0012459-SSMHT0001755 | C      | SS.GM.T0006406     | 191         | 6             | Place on Root Removal Schedule                                   | \$ -        | \$ -        | Monitor in CMOM              |
| 929  | 8     | SSMHT0012460-SSMHT0002538 | E      | SS.GM.T0005588     | 135         | 6             | Point Repair at 37 ft from 02538; CLEAN AND CCTV                 | \$ 5,885    | \$ 5,885    | Point Repair                 |
| 930  | 8     | SSMHT0012461-SSMHT0001754 | C      | SS.GM.T0006407     | 326         | 6             | Place on Root Removal Schedule                                   | \$ -        | \$ -        | Monitor in CMOM              |
| 931  | 8     | SSMHT0012463-SSMHT0001758 | C      | SS.GM.T0006418     | 344         | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 932  | 8     | SSMHT0012465-SSMHT0001759 | C      | SS.GM.T0006416     | 573         | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 933  | 8     | SSMHT0012466-SSMHT0001742 | C      | SS.GM.T0006400     | 571         | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 934  | 8     | SSMHT0012467-SSMHT0002683 | C      | SS.GM.T0006414     | 270         | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 935  | 8     | SSMHT0012468-SSMHT0002578 | C      | SS.GM.T0006600     | 350         | 6             | Point Repair at 100 ft from 02578                                | \$ 4,750    | \$ -        | Monitor in CMOM              |
| 936  | 8     | SSMHT0012469-SSMHT0001758 | C      | SS.GM.T0008003     | 845         | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 937  | 8     | SSMHT0012470-SSMHT0001717 | D      | SS.GM.T0006446     | 430         | 6             | Point Repair at 110 ft from 01717                                | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 938  | 8     | SSMHT0012471-SSMHT0001719 | C      | SS.GM.T0006434     | 564         | 6             | Remove protruding tap at 378 ft from 01719; Add to Root Schedule | \$ 2,500    | \$ -        | Monitor in CMOM              |
| 939  | 8     | SSMHT0012472-SSMHT0002555 | D      | SS.GM.T0006444     | 323         | 6             | Point Repair at 68,80 to 150 ft from 02555                       | \$ 18,750   | \$ 18,750   | Point Repair                 |
| 940  | 8     | SSMHT0012473-SSMHT0002554 | D      | SS.GM.T0006445     | 296         | 6             | Point Repair at 285 ft from 02554                                | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 941  | 8     | SSMHT0012474-SSMHT0001766 | C      | SS.GM.T0007491     | 145         | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 942  | 8     | SSMHT0012480-SSMHT0001775 | D      | SS.GM.T0006458     | 391         | 6             | Point Repair at 109 ft from 01775                                | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 943  | 8     | SSMHT0012484-SSMHT0002573 | C      | SS.GM.T0005225     | 325         | 6             | Add to Root Removal Schedule                                     | \$ -        | \$ -        | Monitor in CMOM              |
| 944  | 8     | SSMHT0012485-SSMHT0002600 | C      | SS.GM.T0006688     | 283         | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 945  | 8     | SSMHT0012487-SSMHT0001807 | C      | SS.GM.T0006440     | 452         | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 946  | 8     | SSMHT0012488-SSMHT0001718 | D      |                    | 324         | 6             | Clean and CCTV from 01718                                        | \$ 2,592    | \$ 2,592    | Access; Clean and Inspection |
| 947  | 8     | SSMHT0012489-SSMHT0002574 | C      | SS.GM.T0005216     | 81          | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 948  | 8     | SSMHT0012491-SSMHT0001799 | C      | SS.GM.T0007534     | 260         | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 949  | 8     | SSMHT0012492-SSMHT0002598 | C      | SS.GM.T0006678     | 83          | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 950  | 8     | SSMHT0012493-SSMHT0002601 | C      | SS.GM.T0005212     | 174         | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 951  | 8     | SSMHT0012494-SSMHT0002601 | D      | SS.GM.T0005213     | 99          | 6             | Point Repair 98 ft from 02601                                    | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 952  | 15    | SSMHT0012547-SSMHT0004521 | C      | SS.GM.T0007006     | 29          | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 953  | 15    | SSMHT0012554-SSMHT0000374 | D      | SS.GM.T0005451     | 272         | 6             | Point Repair at 10 ft from 00374                                 | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 954  | 15    | SSMHT0012555-SSMHT0002960 | C      | SS.GM.T0005049     | 92          | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 955  | 15    | SSMHT0012556-SSMHT0010548 | C      | SS.GM.T0013358     | 33          | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 956  | 15    | SSMHT0012557-SSMHT0012958 | C      | SS.GM.T0005054     | 115         | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 957  | 15    | SSMHT0012558-SSMHT0002941 | C      | SS.GM.T0005413     | 226         | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 958  | 15    | SSMHT0012559-SSMHT0000386 | D      | SS.GM.T0005355     | 225         | 6             | Point Repair 8 ft from 00386                                     | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 959  | 15    | SSMHT0012560-SSMHT0002955 | C      | SS.GM.T0005416     | 189         | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 960  | 8     | SSMHT0012562-SSMHT0001945 | C      | SS.GM.T0006554     | 89          | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 961  | 8     | SSMHT0012563-SSMHT0001080 | C      | SS.GM.T0006670     | 163         | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 962  | 8     | SSMHT0012564-SSMHT0002589 | C      | SS.GM.T0005208     | 390         | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 963  | 8     | SSMHT0012565-SSMHT0012918 | C      | SS.GM.T0005193     | 186         | 6             | Add to Root Removal Schedule                                     | \$ -        | \$ -        | Monitor in CMOM              |
| 964  | 8     | SSMHT0012566-SSMHT0001817 | C      | SS.GM.T0006762     | 107         | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 965  | 8     | SSMHT0012567-SSMHT0002628 | D      | SS.GM.T0005199     | 420         | 6             | Point Repair at 40 and 271 ft from 02628                         | \$ 9,500    | \$ 9,500    | Point Repair                 |
| 966  | 8     | SSMHT0012568-SSMHT0002704 | C      | SS.GM.T0006723     | 296         | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 967  | 8     | SSMHT0012569-SSMHT0001831 | C      | SS.GM.T0007133     | 32          | 6             | No Rehabilitation Recommended                                    | \$ -        | \$ -        | Monitor in CMOM              |
| 968  | 8     | SSMHT0012570-SSMHT0002041 | D      | SS.GM.T0007538     | 339         | 6             | Point Repair 0,145,and 160 ft from 02041                         | \$ 14,250   | \$ 14,250   | Point Repair                 |



## Mainline Remediation Plan

| Remedial Measure Description        | Quantity | Remediation Plan |
|-------------------------------------|----------|------------------|
| Access; Clean and Inspection (I.f.) | 23,344   | \$ 248,528       |
| Monitor in CMOM (I.f.)              | 189,044  | \$ -             |
| Pipe Burst or Replace (I.f.)        | 35,752   | \$ 3,550,065     |
| Point Repair (ea.)                  | 280      | \$ 1,295,555     |
| Replace Mainline (I.f.)             | 4,583    | \$ 905,950       |
| Cured In Place Pipe Liner (I.f.)    | 5,787    | \$ 409,550       |
|                                     |          | \$ 6,409,648     |

| Item | Basin | Pipe Segment              | Rating | City Pipe Asset ID | Pipe Length | Pipe Diameter | Rehabilitation Recommendation                               | Repair Cost | Recommended | Remediation Plan             |
|------|-------|---------------------------|--------|--------------------|-------------|---------------|-------------------------------------------------------------|-------------|-------------|------------------------------|
| 969  | 8     | SSMHT0012571-SSMHT0002639 | D      | SS.GM.T0005198     | 276         | 6             | Point Repair at 69,140 and 207 ft from 02639                | \$ 14,250   | \$ 14,250   | Point Repair                 |
| 970  | 8     | SSMHT0012572-SSMHT0001819 | C      | SS.GM.T0006765     | 118         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 971  | 8     | SSMHT0012573-SSMHT0020010 | C      |                    | 761         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 972  | 8     | SSMHT0012574-SSMHT0002637 | D      | SS.GM.T0005196     | 707         | 6             | Burst to 8" - 18 svc                                        | \$ 81,025   | \$ 81,025   | Pipe Burst or Replace        |
| 973  | 8     | SSMHT0012575-SSMHT0001820 | C      | SS.GM.T0007689     | 288         | 6             | Replace from 100 to 165 ft and 0 to 3 ft from 01820         | \$ 17,750   | \$ -        | Monitor in CMOM              |
| 974  | 8     | SSMHT0012576-SSMHT0002634 | C      | SS.GM.T0007539     | 592         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 975  | 8     | SSMHT0012577-SSMHT0002682 | C      | SS.GM.T0006701     | 164         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 976  | 8     | SSMHT0012578-SSMHT0002635 | D      | SS.GM.T0005237     | 167         | 6             | Point Repair at 147 ft from 02635                           | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 977  | 8     | SSMHT0012579-SSMHT0001942 | C      | SS.GM.T0006573     | 301         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 978  | 8     | SSMHT0012580-SSMHT0020025 | D      |                    | 974         | 6             | Point Repair at 64, 339 and 517 ft from 20025 (new Manhole) | \$ 14,250   | \$ 14,250   | Point Repair                 |
| 979  | 8     | SSMHT0012581-SSMHT0001842 | C      | SS.GM.T0007218     | 258         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 980  | 8     | SSMHT0012582-SSMHT0001856 | C      | SS.GM.T0007067     | 135         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 981  | 8     | SSMHT0012583-SSMHT0001858 | C      | SS.GM.T0007173     | 456         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 982  | 8     | SSMHT0012584-SSMHT0001857 | C      | SS.GM.T0007064     | 105         | 6             | Remove Roots;Sectional liner at 220 to 250 ft from 01857    | \$ 8,260    | \$ -        | Monitor in CMOM              |
| 983  | 8     | SSMHT0012585-SSMHT0001856 | C      | SS.GM.T0007065     | 489         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 984  | 8     | SSMHT0012586-SSMHT0012931 | C      | SS.GM.T0007154     | 131         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 985  | 8     | SSMHT0012588-SSMHT0002655 | C      | SS.GM.T0007156     | 143         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 986  | 8     | SSMHT0012589-SSMHT0002656 | C      | SS.GM.T0007186     | 88          | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 987  | 8     | SSMHT0012590-SSMHT0001872 | C      | SS.GM.T0007181     | 174         | 6             | Place on Root Removal Schedule                              | \$ -        | \$ -        | Monitor in CMOM              |
| 988  | 8     | SSMHT0012704-SSMHT0003163 | C      | SS.GM.T0007097     | 548         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 989  | 8     | SSMHT0012708-SSMHT0005681 | C      | SS.GM.T0006856     | 251         | 6             | Burst to 8" - 11 svc                                        | \$ 19,051   | \$ -        | Monitor in CMOM              |
| 990  | 8     | SSMHT0012709-SSMHT0005681 | C      | SS.GM.T0006855     | 222         | 6             | Place on Root Removal Schedule                              | \$ -        | \$ -        | Monitor in CMOM              |
| 991  | 8     | SSMHT0012713-SSMHT0003158 | D      | SS.GM.T0008774     | 481         | 6             | Point Repair at 427 ft from 03158                           | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 992  | 8     | SSMHT0012715-SSMHT0003159 | C      | SS.GM.T0007165     | 134         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 993  | 8     | SSMHT0012718-SSMHT0003159 | C      | SS.GM.T0007166     | 84          | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 994  | 8     | SSMHT0012729-SSMHT0012907 | C      | SS.GM.T0007171     | 112         | 6             | Place on Root Removal Schedule                              | \$ -        | \$ -        | Monitor in CMOM              |
| 995  | 15    | SSMHT0012758-SSMHT0003010 | C      | SS.GM.T0005418     | 35          | 8             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 996  | 15    | SSMHT0012759-SSMHT0000382 | C      | SS.GM.T0005423     | 335         | 6             | Add to Root Removal Schedule                                | \$ -        | \$ -        | Monitor in CMOM              |
| 997  | 15    | SSMHT0012760-SSMHT0000382 | C      | SS.GM.T0005422     | 119         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 998  | 15    | SSMHT0012761-SSMHT0000381 | C      | SS.GM.T0005061     | 32          | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 999  | 15    | SSMHT0012762-SSMHT0012956 | C      | SS.GM.T0005427     | 141         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 1000 | 15    | SSMHT0012763-SSMHT0002957 | C      | SS.GM.T0005428     | 275         | 12            | Point Repair at 5 ft from 02957                             | \$ 4,750    | \$ -        | Monitor in CMOM              |
| 1001 | 15    | SSMHT0012764-SSMHT0001021 | C      | SS.GM.T0005440     | 259         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 1002 | 15    | SSMHT0012765-SSMHT0001020 | D      | SS.GM.T0005441     | 319         | 6             | Point Repair at 33 ft from 01020                            | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 1003 | 8     | SSMHT0012766-SSMHT0001939 | C      | SS.GM.T0006932     | 186         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 1004 | 15    | SSMHT0012786-SSMHT0002945 | D      | SS.GM.T0005059     | 214         | 10            | Point Repair at 83 ft from 12786                            | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 1005 | 15    | SSMHT0012802-SSMHT0012803 | C      | SS.GM.T0007475     | 163         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 1006 | 15    | SSMHT0012803-SSMHT0001134 | C      | SS.GM.T0007961     | 184         | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 1007 | 8     | SSMHT0012830-SSMHT0013008 | D      | SS.GM.T0013168     | 44          | 10            | Access; Clean and Inspection                                | \$ 396      | \$ 396      | Access; Clean and Inspection |
| 1008 | 15    | SSMHT0012872-SSMHT0000770 | C      | SS.GM.T0005431     | 15          | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 1009 | 8     | SSMHT0012873-SSMHT0002618 | C      | SS.GM.T0007698     | 98          | 6             | No Rehabilitation Recommended                               | \$ -        | \$ -        | Monitor in CMOM              |
| 1010 | 8     | SSMHT0012874-SSMHT0002622 | C      | SS.GM.T0004075     | 188         | 12            | Clean Tuberculation and CIPP                                | \$ 14,100   | \$ -        | Monitor in CMOM              |
| 1011 | 8     | SSMHT0012875-SSMHT0002664 | D      | SS.GM.T0007182     | 427         | 6             | Point Repair at 243 and 418 ft from 02664                   | \$ 9,500    | \$ 9,500    | Point Repair                 |
| 1012 | 8     | SSMHT0012876-SSMHT0001937 | D      | SS.GM.T0006775     | 211         | 6             | Point Repair at 106 ft from 12876; Add to Root Schedule     | \$ 4,750    | \$ 4,750    | Point Repair                 |





## Mainline Remediation Plan

| Remedial Measure Description        | Quantity | Remediation Plan |
|-------------------------------------|----------|------------------|
| Access; Clean and Inspection (I.f.) | 23,344   | \$ 248,528       |
| Monitor in CMOM (I.f.)              | 189,044  | \$ -             |
| Pipe Burst or Replace (I.f.)        | 35,752   | \$ 3,550,065     |
| Point Repair (ea.)                  | 280      | \$ 1,295,555     |
| Replace Mainline (I.f.)             | 4,583    | \$ 905,950       |
| Cured In Place Pipe Liner (I.f.)    | 5,787    | \$ 409,550       |
|                                     |          | \$ 6,409,648     |

| Item | Basin | Pipe Segment              | Rating | City Pipe Asset ID | Pipe Length | Pipe Diameter | Rehabilitation Recommendation                                      | Repair Cost | Recommended | Remediation Plan             |
|------|-------|---------------------------|--------|--------------------|-------------|---------------|--------------------------------------------------------------------|-------------|-------------|------------------------------|
| 1013 | 8     | SSMHT0012877-SSMHT0001936 | C      | SS.GM.T0006902     | 174         | 6             | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1014 | 8     | SSMHT0012878-SSMHT0002632 | C      | SS.GM.T0005238     | 49          | 6             | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1015 | 8     | SSMHT0012879-SSMHT0002631 | C      | SS.GM.T0007995     | 623         | 6             | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1016 | 8     | SSMHT0012880-SSMHT0002640 | C      | SS.GM.T0006900     | 331         | 12            | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1017 | 8     | SSMHT0012882-SSMHT0002643 | C      | SS.GM.T0006694     | 90          | 12            | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1018 | 8     | SSMHT0012883-SSMHT0002622 | C      | SS.GM.T0005234     | 126         | 6             | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1019 | 8     | SSMHT0012884-SSMHT0001928 | D      | SS.GM.T0007989     | 260         | 6             | Pipe Burst to 8" - 2 svc                                           | \$ 23,000   | \$ 23,000   | Pipe Burst or Replace        |
| 1020 | 8     | SSMHT0012885-SSMHT0001936 | D      | SS.GM.T0006782     | 795         | 6             | Point Repair at 555 and 755 ft from 01936; Add to Root Schedule    | \$ 9,500    | \$ 9,500    | Point Repair                 |
| 1021 | 8     | SSMHT0012887-SSMHT0001917 | C      | SS.GM.T0006632     | 45          | 8             | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1022 | 8     | SSMHT0012907-SSMHT0003161 | D      | SS.GM.T0007170     | 265         | 6             | Point Repair at 1 ft, 35 to 76 ft from 12907; Add to Root schedule | \$ 14,250   | \$ 14,250   | Point Repair                 |
| 1023 | 8     | SSMHT0012908-SSMHT0005676 | C      | SS.GM.T0006849     | 191         | 6             | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1024 | 8     | SSMHT0012909-SSMHT0003153 | D      | SS.GM.T0008525     | 10          | 6             | Burst to 8" - 0 svc                                                | \$ 750      | \$ 750      | Pipe Burst or Replace        |
| 1025 | 8     | SSMHT0012915-SSMHT0012916 | C      | SS.GM.T0006681     | 386         | 6             | Point Repair at 23 ft from 12916                                   | \$ 4,750    | \$ -        | Monitor in CMOM              |
| 1026 | 8     | SSMHT0012916-SSMHT0002605 | E      | SS.GM.T0006946     | 53          | 6             | Replace Entire Line                                                | \$ 10,800   | \$ 10,800   | Replace Mainline             |
| 1027 | 8     | SSMHT0012917-SSMHT0002588 | C      | SS.GM.T0005244     | 31          | 6             | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1028 | 8     | SSMHT0012918-SSMHT0002639 | C      | SS.GM.T0005194     | 224         | 6             | Add to Root Removal Schedule                                       | \$ -        | \$ -        | Monitor in CMOM              |
| 1029 | 8     | SSMHT0012919-SSMHT0012928 | C      | SS.GM.T0006916     | 72          | 6             | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1030 | 8     | SSMHT0012920-SSMHT0012915 | C      | SS.GM.T0006682     | 776         | 6             | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1031 | 8     | SSMHT0012923-SSMHT0002559 | C      | SS.GM.T0006606     | 202         | 6             | Burst to 8" - 1 svc                                                | \$ 16,900   | \$ -        | Monitor in CMOM              |
| 1032 | 8     | SSMHT0012924-SSMHT0002010 | D      | SS.GM.T0007662     | 573         | 6             | Point Repair 18,32,77 and 402 ft from 02010                        | \$ 19,000   | \$ 19,000   | Point Repair                 |
| 1033 | 8     | SSMHT0012925-SSMHT0002014 | C      | SS.GM.T0007970     | 168         | 6             | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1034 | 8     | SSMHT0012926-SSMHT0002665 | C      | SS.GM.T0007344     | 338         | 6             | Add to Root Removal Schedule                                       | \$ -        | \$ -        | Monitor in CMOM              |
| 1035 | 8     | SSMHT0012928-SSMHT0002597 | C      | SS.GM.T0006917     | 228         | 6             | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1036 | 8     | SSMHT0012929-SSMHT0002006 | C      | SS.GM.T0007668     | 295         | 8             | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1037 | 8     | SSMHT0012930-SSMHT0001765 | E      | SS.GM.T0007682     | 7           | 18            | Point Repair 8 ft from 01765                                       | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 1038 | 8     | SSMHT0012931-SSMHT0001857 | C      | SS.GM.T0007153     | 421         | 6             | Point Repair at 243 ft from 12931                                  | \$ 4,750    | \$ -        | Monitor in CMOM              |
| 1039 | 15    | SSMHT0012956-SSMHT0000383 | C      | SS.GM.T0005424     | 174         | 6             | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1040 | 15    | SSMHT0012959-SSMHT0001256 | C      | SS.GM.T0008838     | 110         | 6             | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1041 | 15    | SSMHT0012959-SSMHT0001257 | D      |                    | 73          | 6             | Burst to 8" - 11 svc                                               | \$ 40,700   | \$ 40,700   | Pipe Burst or Replace        |
| 1042 | 15    | SSMHT0012963-SSMHT0002952 | C      | SS.GM.T0005415     | 27          | 8             | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1043 | 15    | SSMHT0012998-SSMHT0000766 | C      | SS.GM.T0013162     | 117         | 6             | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1044 | 8     | SSMHT0012999-SSMHT0013000 | C      | SS.GM.T0006536     | 46          | 6             | Remove Roots; CIPP - 0 svc                                         | \$ 2,601    | \$ -        | Monitor in CMOM              |
| 1045 | 8     | SSMHT0013000-SSMHT0001076 | E      | SS.GM.T0006535     | 244         | 6             | Point Repair 70 ft from 01076; Clean and CCTV                      | \$ 5,970    | \$ 5,970    | Point Repair                 |
| 1046 | 15    | SSMHT0013001-SSMHT0004528 | D      | SS.GM.T0013165     | 291         | 6             | Burst to 8" - 8 svc                                                | \$ 35,375   | \$ 35,375   | Pipe Burst or Replace        |
| 1047 | 15    | SSMHT0013002-SSMHT0013001 | D      | SS.GM.T0013166     | 29          | 6             | Replace Line                                                       | \$ 5,800    | \$ 5,800    | Replace Mainline             |
| 1048 | 8     | SSMHT0013003-SSMHT0001970 | D      | SS.GM.T0007609     | 219         | 6             | Burst to 8" - 0 svc                                                | \$ 16,425   | \$ 16,425   | Pipe Burst or Replace        |
| 1049 | 8     | SSMHT0013004-SSMHT0001076 | D      | SS.GM.T0006652     | 344         | 24            | Access; Clean and CCTV                                             | \$ 5,504    | \$ 5,504    | Access; Clean and Inspection |
| 1050 | 8     | SSMHT0013005-SSMHT0013004 | D      | SS.GM.T0013192     | 400         | 24            | Access; Clean and CCTV                                             | \$ 6,400    | \$ 6,400    | Access; Clean and Inspection |
| 1051 | 8     | SSMHT0013006-SSMHT0001763 | C      | SS.GM.T0013182     | 386         | 6             | No Rehabilitation Recommended                                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1052 | 8     | SSMHT0013007-SSMHT0001767 | E      | SS.GM.T0007683     | 270         | 8             | Point Repair 42 ft from 01767; CIPP                                | \$ 17,262   | \$ 17,262   | Cured In Place Pipe Liner    |
| 1053 | 8     | SSMHT0013008-SSMHT0013009 | D      | SS.GM.T0013167     | 169         | 10            | Access; Clean and CCTV                                             | \$ 1,521    | \$ 1,521    | Access; Clean and Inspection |
| 1054 | 8     | SSMHT0013009-SSMHT0001979 | D      | SS.GM.T0006401     | 295         | 8             | Access; Clean and CCTV                                             | \$ 2,360    | \$ 2,360    | Access; Clean and Inspection |
| 1055 | 8     | SSMHT0013039-SSMHT0013006 | C      | SS.GM.T0013181     | 537         | 6             | Burst 6" Iron Pipe                                                 | \$ 40,275   | \$ -        | Monitor in CMOM              |
| 1056 | 8     | SSMHT0013040-SSMHT0013039 | D      | SS.GM.T0013183     | 529         | 6             | Burst 6" Iron Pipe - 5 SVC                                         | \$ 48,350   | \$ 48,350   | Pipe Burst or Replace        |



# Mainline Remediation Plan

| Remedial Measure Description        | Quantity | Remediation Plan |
|-------------------------------------|----------|------------------|
| Access; Clean and Inspection (l.f.) | 23,344   | \$ 248,528       |
| Monitor in CMOM (l.f.)              | 189,044  | \$ -             |
| Pipe Burst or Replace (l.f.)        | 35,752   | \$ 3,550,065     |
| Point Repair (ea.)                  | 280      | \$ 1,295,555     |
| Replace Mainline (l.f.)             | 4,583    | \$ 905,950       |
| Cured In Place Pipe Liner (l.f.)    | 5,787    | \$ 409,550       |
|                                     |          | \$ 6,409,648     |

| Item | Basin | Pipe Segment              | Rating | City Pipe Asset ID | Pipe Length | Pipe Diameter | Rehabilitation Recommendation                      | Repair Cost | Recommended | Remediation Plan             |
|------|-------|---------------------------|--------|--------------------|-------------|---------------|----------------------------------------------------|-------------|-------------|------------------------------|
| 1057 | 8     | SSMHT0013041-SSMHT0020039 | C      |                    | 263         | 8             | No Rehabilitation Recommended                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1058 | 8     | SSMHT0013042-SSMHT0001085 | D      | SS.GM.T0007618     | 50          | 12            | Access; Clean and CCTV                             | \$ 500      | \$ 500      | Access; Clean and Inspection |
| 1059 | 8     | SSMHT0013043-SSMHT0001038 | C      | SS.GM.T0007627     | 370         | 18            | Point Repair 325 ft from SSMHT0013043; CIPP- 0 svc | \$ 44,650   | \$ -        | Monitor in CMOM              |
| 1060 | 8     | SSMHT0013045-SSMHT0001036 | D      | SS.GM.T0013190     | 374         | 8             | Access; Clean and CCTV                             | \$ 2,992    | \$ 2,992    | Access; Clean and Inspection |
| 1061 | 8     | SSMHT0013046-SSMHT0013045 | C      |                    | 532         | 6             | Assign to high frequency cleaning - grease         | \$ -        | \$ -        | Monitor in CMOM              |
| 1062 | 8     | SSMHT0013047-SSMHT0001037 | D      | SS.GM.T0006653     | 238         | 12            | Access; Clean and CCTV                             | \$ 2,380    | \$ 2,380    | Access; Clean and Inspection |
| 1063 | 8     | SSMHT0013048-SSMHT0013516 | D      | SS.GM.T0013831     | 218         | 12            | Access; Clean and CCTV                             | \$ 2,180    | \$ 2,180    | Access; Clean and Inspection |
| 1064 | 8     | SSMHT0013062-SSMHT0002011 | D      | SS.GM.T0013256     | 259         | 6             | Burst to 8" - 1 svc                                | \$ 21,250   | \$ 21,250   | Pipe Burst or Replace        |
| 1065 | 15    | SSMHT0013148-SSMHT0000375 | D      | SS.GM.T0008495     | 310         | 6             | Clean and CCTV                                     | \$ 2,480    | \$ 2,480    | Access; Clean and Inspection |
| 1066 | 15    | SSMHT0013150-SSMHT0004526 | C      | SS.GM.T0009733     | 226         | 10            | Remove Roots; CIPP - 6 svc                         | \$ 12,210   | \$ -        | Monitor in CMOM              |
| 1067 | 15    | SSMHT0013151-SSMHT0013152 | C      | SS.GM.T0013317     | 121         | 18            | No Rehabilitation Recommended                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1068 | 15    | SSMHT0013152-SSMHT0001258 | C      |                    | 320         | 10            | No Rehabilitation Recommended                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1069 | 8     | SSMHT0013516-SSMHT0013047 | D      | SS.GM.T0006654     | 361         | 12            | Access; Clean and CCTV                             | \$ 3,610    | \$ 3,610    | Access; Clean and Inspection |
| 1070 | 8     | SSMHT0013520-SSMHT0001901 | D      |                    | 555         | 15            | Replace or Burst - 6 svc (13520 to 01901)          | \$ 111,000  | \$ 111,000  | Pipe Burst or Replace        |
| 1071 | 8     | SSMHT0013527-SSMHT0001041 | C      |                    | 300         | 12            | Point Repair 136 ft from SSMHT0013527              | \$ 4,750    | \$ -        | Monitor in CMOM              |
| 1072 | 8     | SSMHT0013550-SSMHT0001813 | C      | SS.GM.T0013841     | 298         | 15            | CIPP - 0 svc                                       | \$ 28,310   | \$ -        | Monitor in CMOM              |
| 1073 | 8     | SSMHT0013551-SSMHT0001768 | D      |                    | 58          | 21            | Access; Clean and CCTV                             | \$ 870      | \$ 870      | Access; Clean and Inspection |
| 1074 | 8     | SSMHT0013552-SSMHT0001765 | E      | SS.GM.T0013764     | 312         | 10            | Point Repair 5 ft from 13552; Clean and CCTV       | \$ 6,270    | \$ 6,270    | Point Repair                 |
| 1075 | 15    | SSMHT0013589-SSMHT0001252 | D      | SS.GM.T0013909     | 122         | 10            | Burst to 8" - 0 svc                                | \$ 9,150    | \$ 9,150    | Pipe Burst or Replace        |
| 1076 | 15    | SSMHT0013612-SSMHT0000769 | D      | SS.GM.T0008259     | 160         | 12            | Clean and CCTV                                     | \$ 1,600    | \$ 1,600    | Access; Clean and Inspection |
| 1077 | 8     | SSMHT0020001-SSMHT0001882 | C      |                    | 606         | 8             | No Rehabilitation Recommended                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1078 | 15    | SSMHT0020002-SSMHT0000373 | D      |                    | 1093        | 6             | Point Repair at 33 ft from 20002                   | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 1079 | 8     | SSMHT0020003-SSMHT0002680 | D      |                    | 201         | 6             | Burst to 8" - 1 svc                                | \$ 16,825   | \$ 16,825   | Pipe Burst or Replace        |
| 1080 | 15    | SSMHT0020004-SSMHT0020005 | C      |                    | 48          | 6             | No Rehabilitation Recommended                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1081 | 15    | SSMHT0020005-SSMHT0004524 | C      |                    | 11          | 8             | No Rehabilitation Recommended                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1082 | 15    | SSMHT0020007-SSMHT0000768 | D      |                    | 471         | 6             | Point Repair 39 ft from 00768                      | \$ 4,750    | \$ 4,750    | Point Repair                 |
| 1083 | 15    | SSMHT0020008-SSMHT0004559 | C      |                    | 64          | 8             | No Rehabilitation Recommended                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1084 | 8     | SSMHT0020009-SSMHT0001080 | C      |                    | 418         | 6             | No Rehabilitation Recommended                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1085 | 8     | SSMHT0020010-SSMHT0001080 | C      |                    | 348         | 6             | No Rehabilitation Recommended                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1086 | 15    | SSMHT0020011-SSMHT0013002 | C      |                    | 315         | 6             | Burst to 8" - 3 svc; from 20011 to 13002(315 ft)   | \$ 28,875   | \$ -        | Monitor in CMOM              |
| 1087 | 8     | SSMHT0020012-SSMHT0011537 | C      |                    | 100         | 6             | No Rehabilitation Recommended                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1088 | 15    | SSMHT0020013-SSMHT0000385 | C      |                    | 451         | 8             | No Rehabilitation Recommended                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1089 | 8     | SSMHT0001100-SSMHT0001099 | C      |                    | 233         | 6             | Add to Root Removal Schedule                       | \$ -        | \$ -        | Monitor in CMOM              |
| 1090 | 15    | SSMHT0020015-SSMHT0020016 | D      |                    | 340         | 8             | Point Repair at 35 to 85 and 133 ft from 20015     | \$ 13,750   | \$ 13,750   | Point Repair                 |
| 1091 | 15    | SSMHT0020016-SSMHT0003047 | C      |                    | 126         | 8             | No Rehabilitation Recommended                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1092 | 15    | SSMHT0020017-SSMHT0001253 | C      |                    | 149         | 12            | Point Repair 0 to 10 ft from 20017                 | \$ 4,570    | \$ -        | Monitor in CMOM              |
| 1093 | 15    | SSMHT0020018-SSMHT0002958 | C      |                    | 124         | 6             | No Rehabilitation Recommended                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1094 | 8     | SSMHT0020019-SSMHT0002579 | C      |                    | 572         | 6             | No Rehabilitation Recommended                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1095 | 8     | SSMHT0020020-SSMHT0002590 | C      |                    | 175         | 6             | No Rehabilitation Recommended                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1096 | 8     | SSMHT0020021-SSMHT0002579 | C      |                    | 193         | 6             | No Rehabilitation Recommended                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1097 | 8     | SSMHT0020022-SSMHT0001854 | C      |                    | 413         | 6             | Point Repair 378 ft from 20022                     | \$ 4,750    | \$ -        | Monitor in CMOM              |
| 1098 | 8     | SSMHT0020023-SSMHT0001841 | C      |                    | 175         | 6             | Burst to 8" - 0 svc                                | \$ 12,525   | \$ -        | Monitor in CMOM              |
| 1099 | 8     | SSMHT0020024-SSMHT0003149 | C      |                    | 253         | 6             | No Rehabilitation Recommended                      | \$ -        | \$ -        | Monitor in CMOM              |
| 1100 | 8     | SSMHT0020025-SSMHT0001909 | D      |                    | 627         | 6             | Clean and CCTV from 20025                          | \$ 5,016    | \$ 5,016    | Access; Clean and Inspection |



Mainline Remediation Plan

| Remedial Measure Description        | Quantity | Remediation Plan |
|-------------------------------------|----------|------------------|
| Access; Clean and Inspection (l.f.) | 23,344   | \$ 248,528       |
| Monitor in CMOM (l.f.)              | 189,044  | \$ -             |
| Pipe Burst or Replace (l.f.)        | 35,752   | \$ 3,550,065     |
| Point Repair (ea.)                  | 280      | \$ 1,295,555     |
| Replace Mainline (l.f.)             | 4,583    | \$ 905,950       |
| Cured In Place Pipe Liner (l.f.)    | 5,787    | \$ 409,550       |
|                                     |          | \$ 6,409,648     |

| Item | Basin | Pipe Segment               | Rating | City Pipe Asset ID | Pipe Length | Pipe Diameter | Rehabilitation Recommendation                                                     | Repair Cost  | Recommended  | Remediation Plan      |
|------|-------|----------------------------|--------|--------------------|-------------|---------------|-----------------------------------------------------------------------------------|--------------|--------------|-----------------------|
| 1101 | 8     | SSMHT0020026-SSMHT0002542  | C      |                    | 410         | 6             | No Rehabilitation Recommended                                                     | \$ -         | \$ -         | Monitor in CMOM       |
| 1102 | 8     | SSMHT0020029-SSMHT0001921  | C      |                    | 443         | 6             | Point Repair at 5 ft from 01827; Burst to 8" from 20029 to 01921 (198 ft) - 2 svc | \$ 23,100    | \$ -         | Monitor in CMOM       |
| 1103 | 8     | SSMHT0020030A-SSMHT0002559 | C      |                    | 611         | 6             | Pipe Burst to 8" - 7 svc                                                          | \$ 58,075    | \$ -         | Monitor in CMOM       |
| 1104 | 8     | SSMHT0020030-SSMHT0002557  | C      |                    | 323         | 6             | No Rehabilitation Recommended                                                     | \$ -         | \$ -         | Monitor in CMOM       |
| 1105 | 8     | SSMHT0020031-SSMHT0001133  | C      |                    | 234         | 8             | No Rehabilitation Recommended                                                     | \$ -         | \$ -         | Monitor in CMOM       |
| 1106 | 8     | SSMHT0020032-SSMHT0002617  | C      |                    | 66          | 6             | No Rehabilitation Recommended                                                     | \$ -         | \$ -         | Monitor in CMOM       |
| 1107 | 8     | SSMHT0020034-SSMHT0001921  | D      |                    | 93          | 6             | Point Repair at 10 ft from 20034                                                  | \$ 4,750     | \$ 4,750     | Point Repair          |
| 1108 | 8     | SSMHT0020035-SSMHT0012929  | C      |                    | 257         | 6             | No Rehabilitation Recommended                                                     | \$ -         | \$ -         | Monitor in CMOM       |
| 1109 | 8     | SSMHT0013840-SSMHT0001087  | C      |                    | 495         | 8             | No Rehabilitation Recommended                                                     | \$ -         | \$ -         | Monitor in CMOM       |
| 1110 | 8     | SSMHT0020038-SSMHT0001087  | D      |                    | 389         | 6             | Burst to 8" - 1 svc                                                               | \$ 30,925    | \$ 30,925    | Pipe Burst or Replace |
| 1111 | 8     | SSMHT0020039-SSMHT0020040  | C      |                    | 248         | 8             | No Rehabilitation Recommended                                                     | \$ -         | \$ -         | Monitor in CMOM       |
| 1112 | 8     | SSMHT0020040-SSMHT0001977  | C      |                    | 192         | 6             | No Rehabilitation Recommended                                                     | \$ -         | \$ -         | Monitor in CMOM       |
| 1113 | 8     | SSMHT0020041-SSMHT0002620  | C      |                    | 187         | 6             | No Rehabilitation Recommended                                                     | \$ -         | \$ -         | Monitor in CMOM       |
| 1114 | 15    | SSMHT0020043-SSMHT0001250  | D      |                    | 402         | 8             | Sectional Liner from 41 to 75 ft from 20043; Point Repair at 135 ft from 20043    | \$ 11,750    | \$ 11,750    | Point Repair          |
| 1115 | 15    | SSMHT0003005-SSMHT0004527  | C      |                    | 40          | 18            | No Rehabilitation Recommended                                                     | \$ -         | \$ -         | Monitor in CMOM       |
|      |       |                            |        |                    | 317,063     | Linear Feet   |                                                                                   | \$ 8,495,136 | \$ 6,409,648 |                       |