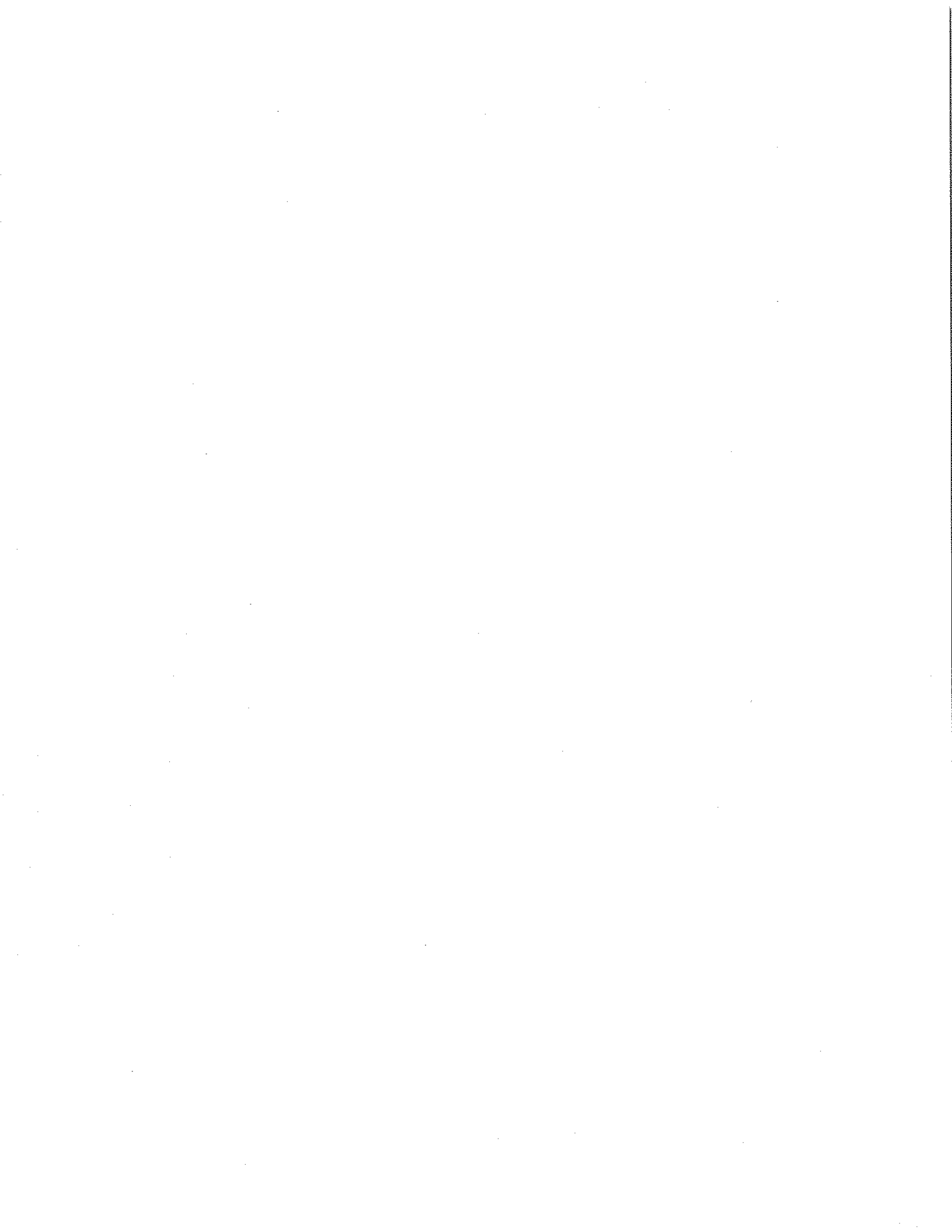


APPENDIX K

SWMM Input File





[TITLE]
 Seven Hills, Hemlock Creek Watershed
 Water Quality Analysis

[OPTIONS]
 FLOW_UNITS CFS
 INFILTRATION HORTON
 FLOW_ROUTING DYNWAVE
 START_DATE 01/01/1977
 START_TIME 00:00:00
 REPORT_START_DATE 01/01/1977
 REPORT_START_TIME 00:00:00
 END_DATE 12/31/1977
 END_TIME 00:00:00
 SWEEP_START 01/01
 SWEEP_END 12/31
 DRY_DAYS 0
 REPORT_STEP 0:01:00
 WET_STEP 0:01:00
 DRY_STEP 1:00:00
 ROUTING_STEP 15
 ALLOW_PONDING NO
 INERTIAL_DAMPING PARTIAL
 VARIABLE_STEP 0.75
 LENGTHENING_STEP 0
 MIN_SURFAREA 0
 NORMAL_FLOW_LIMITED BOTH
 SKIP_STEADY_STATE NO
 FORCE_MAIN_EQUATION H-W
 LINK_OFFSETS DEPTH
 MIN_SLOPE 0

[EVAPORATION]
 ;;Type Parameters
 ;;-----
 CONSTANT 0.0
 DRY_ONLY NO

[RAINGAGES]
 ;; Rain Time Snow Data
 ;;Name Type Intrvl Catch Source
 ;;-----
 1977 VOLUME 0:15 1.0 FILE "H:\2009\0945203\PHASE\56EWQ\1977Rain3.DAT" 1977
 IN

[SUBCATCHMENTS]

| Name | Raingage | Outlet | Total Area | Pcnt. Imperv | width | Pcnt. Slope | Curb Length | Snow Pack |
|---------|----------|----------|------------|--------------|----------|-------------|-------------|-----------|
| S-ND2S | 1977 | BS-ND2S | 3.35734 | 25 | 187.7352 | 3.13 | 293 | |
| S-ND3S | 1977 | BS-ND3S | 3.04276 | 25 | 172.5815 | 3.4 | 293 | |
| S-ND4S | 1977 | BS-ND4S | 2.74238 | 25 | 188.1229 | 3.18 | 293 | |
| S-ND5S | 1977 | BS-ND5S | 5.11984 | 25 | 237.2556 | 1.75 | 303 | |
| S-ND6S | 1977 | BS-ND6S | 1.92856 | 25 | 144.8415 | 1.95 | 302 | |
| S-ND7S | 1977 | BS-ND7S | 2.9736 | 25 | 214.4537 | 1.92 | 298 | |
| S-ND8S | 1977 | BS-ND8S | 3.10042 | 25 | 228.9056 | 1.21 | 295 | |
| S-ND9S | 1977 | BS-ND9S | 1.96205 | 25 | 146.0973 | 0.89 | 306 | |
| S-ND10S | 1977 | BS-ND10S | 1.32913 | 25 | 138.5093 | 2.73 | 305 | |
| S-ND2N | 1977 | BS-ND2N | 1.19463 | 25 | 150.835 | 1.11 | 293 | |
| S-ND3N | 1977 | BS-ND3N | 1.6881 | 25 | 159.8557 | 2.9 | 293 | |
| S-ND4N | 1977 | BS-ND4N | 1.17106 | 25 | 117.8092 | 3.48 | 293 | |
| S-ND5N | 1977 | BS-ND5N | 1.00707 | 25 | 127.1535 | 2.06 | 303 | |
| S-ND6N | 1977 | BS-ND6N | 1.26342 | 25 | 139.6817 | 1.34 | 302 | |
| S-ND7N | 1977 | BS-ND7N | 1.31052 | 25 | 156.8304 | 1.5 | 298 | |
| S-ND8N | 1977 | BS-ND8N | 1.09108 | 25 | 140.6137 | 0.68 | 295 | |
| S-ND9N | 1977 | BS-ND9N | 0.85671 | 25 | 130.0289 | 1.14 | 306 | |
| S-ND10N | 1977 | BS-ND10N | 0.79421 | 25 | 99.4132 | 2.71 | 305 | |
| S-CL1S | 1977 | BS-CL1S | 2.6012 | 25 | 255.7749 | 1.975 | 317 | |
| S-CL2S | 1977 | BS-CL2S | 1.11855 | 25 | 130.2782 | 1.995 | 300 | |
| S-CL3S | 1977 | BS-CL3S | 1.17396 | 25 | 140.1033 | 2.685 | 300 | |
| S-CL4S | 1977 | BS-CL4S | 1.26377 | 25 | 125.1132 | 2.4 | 300 | |

BMP's with storage pipe.inp

| | | | | | | | |
|---------|------|----------|---------|----|----------|------|-----|
| S-CL5S | 1977 | BS-CL5S | 0.90787 | 25 | 131.3848 | 3.12 | 305 |
| S-CL6S | 1977 | BS-CL5S | 3.33597 | 25 | 216.8878 | 0.3 | 291 |
| S-CL7S | 1977 | BS-CL7S | 3.38885 | 25 | 230.6536 | 1.34 | 298 |
| S-CL8S | 1977 | BS-CL8S | 2.99419 | 25 | 186.3242 | 1.43 | 307 |
| S-CL1N | 1977 | BS-CL1N | 1.38695 | 25 | 129.093 | 2.19 | 317 |
| S-CL2N | 1977 | BS-CL2N | 1.15834 | 25 | 120.1364 | 2.18 | 300 |
| S-CL3N | 1977 | BS-CL3N | 1.303 | 25 | 125.2951 | 2.04 | 300 |
| S-CL4N | 1977 | BS-CL4N | 1.22656 | 25 | 115.6471 | 1.39 | 300 |
| S-CL5N | 1977 | BS-CL5N | 0.848 | 25 | 101.4804 | 1.77 | 305 |
| S-CL6N | 1977 | BS-CL5N | 1.1467 | 25 | 131.448 | 0.71 | 291 |
| S-CL7N | 1977 | BS-CL7N | 1.23137 | 25 | 147.7644 | 0.46 | 298 |
| S-CL8N | 1977 | BS-CL8N | 1.33618 | 25 | 173.2262 | 0.64 | 307 |
| S-ND1S | 1977 | BS-ND1S | 2.77235 | 25 | 175.0197 | 4.12 | 279 |
| S-ND1N | 1977 | BS-ND1N | 0.72696 | 25 | 104.8556 | 2.03 | 279 |
| S-TD1S | 1977 | BS-TD1S | 0.64253 | 25 | 112.8573 | 3.55 | 175 |
| S-TD2S | 1977 | BS-TD2S | 2.87484 | 25 | 162.2125 | 3.47 | 313 |
| S-TD3S | 1977 | BS-TD3S | 2.55255 | 25 | 162.3198 | 4.03 | 301 |
| S-TD4S | 1977 | BS-TD4S | 2.81868 | 25 | 186.8823 | 4.11 | 301 |
| S-TD5S | 1977 | BS-TD5S | 2.79526 | 25 | 223.4156 | 3.52 | 310 |
| S-TD6S | 1977 | BS-TD6S | 2.56805 | 25 | 160.9558 | 3.05 | 280 |
| S-TD7S | 1977 | BS-TD7S | 4.10656 | 25 | 214.4865 | 1.63 | 301 |
| S-TD8S | 1977 | BS-TD8S | 3.27422 | 25 | 225.316 | 1.85 | 297 |
| S-TD9S | 1977 | BS-TD9S | 1.14125 | 25 | 137.7087 | 1.77 | 307 |
| S-TD1N | 1977 | BS-TD1N | 0.6918 | 25 | 110.3839 | 3.21 | 175 |
| S-TD2N | 1977 | BS-TD2N | 1.2122 | 25 | 129.4202 | 2.93 | 313 |
| S-TD3N | 1977 | BS-TD3N | 1.1821 | 25 | 121.1583 | 3.16 | 301 |
| S-TD4N | 1977 | BS-TD4N | 1.08646 | 25 | 128.9542 | 3.05 | 301 |
| S-TD5N | 1977 | BS-TD5N | 1.11037 | 25 | 135.4838 | 2.38 | 310 |
| S-TD6N | 1977 | BS-TD6N | 1.09649 | 25 | 141.311 | 1.65 | 280 |
| S-TD7N | 1977 | BS-TD7N | 1.11871 | 25 | 147.6697 | 2.12 | 301 |
| S-TD8N | 1977 | BS-TD8N | 1.46823 | 25 | 148.7351 | 1.58 | 297 |
| S-TD9N | 1977 | BS-TD9N | 1.27283 | 25 | 151.9027 | 1.63 | 307 |
| S-SL4N | 1977 | BS-SL4N | 0.5755 | 25 | 103.1637 | 3.42 | 286 |
| S-SL3N | 1977 | BS-SL3N | 0.65888 | 25 | 87.2365 | 3.65 | 280 |
| S-SL3S | 1977 | BS-SL3S | 1.55764 | 25 | 120.0899 | 3.16 | 579 |
| S-SL2N | 1977 | BS-SL2N | 0.6208 | 25 | 85.8478 | 2.83 | 258 |
| S-SL2S | 1977 | BS-SL2S | 0.76224 | 25 | 99.7092 | 4.17 | 258 |
| S-SL1 | 1977 | BS-SL1 | 1.74252 | 25 | 230.0126 | 4.69 | 578 |
| S-NML3S | 1977 | BS-NML3S | 1.80601 | 25 | 125.4702 | 3.94 | 230 |
| S-NML1W | 1977 | BS-NML1W | 2.05833 | 25 | 125.7516 | 3.73 | 306 |
| S-NML4S | 1977 | BS-NML4S | 0.65518 | 25 | 55.5246 | 3.33 | 273 |
| S-SML3 | 1977 | BS-SML3 | 0.67831 | 25 | 92.0473 | 4.21 | 160 |
| S-SML1 | 1977 | BS-SML1 | 1.25099 | 25 | 115.9428 | 4.31 | 273 |
| S-SML4N | 1977 | BS-SML4N | 0.68836 | 25 | 52.4213 | 2.97 | 325 |
| S-SML5N | 1977 | BS-SML5N | 0.26915 | 25 | 45.093 | 3.65 | 269 |
| S-SML5S | 1977 | BS-SML5S | 1.04314 | 25 | 128.7229 | 4.25 | 269 |
| S-SML4S | 1977 | BS-SML4S | 5.94622 | 25 | 275.2575 | 4.27 | 325 |

| BMP's with storage pipe.inp | | | | | | | |
|-----------------------------|------|----------|---------|----|----------|------|-----|
| S-SML2 | 1977 | J6037 | 0.13714 | 25 | 29.5734 | 3.61 | 82 |
| S-NML1E | 1977 | BS-NML1E | 0.73138 | 25 | 120.6777 | 1.75 | 207 |
| S-NML2 | 1977 | BS-NML1E | 0.66737 | 25 | 109.2881 | 2.86 | 159 |
| S-NML3N | 1977 | BS-NML3N | 0.79751 | 25 | 100.1139 | 4 | 230 |
| S-NML4N | 1977 | BS-NML4N | 0.36998 | 25 | 66.3223 | 3.03 | 258 |
| S-SHB5E | 1977 | BS-SHB5E | 0.30857 | 25 | 58.6957 | 2.24 | 231 |
| S-SHB4E | 1977 | BS-SHB4E | 0.14106 | 25 | 39.3883 | 2.73 | 159 |
| S-SHB4W | 1977 | BS-SHB4W | 0.42884 | 25 | 69.4434 | 3.07 | 186 |
| S-SHB5W | 1977 | BS-SHB5W | 3.10994 | 25 | 199.2191 | 3.09 | 192 |
| S-SHB6E | 1977 | TD_OF | 0.43246 | 25 | 60.3781 | 4.4 | 286 |
| S-SHB8 | 1977 | BS-SHB9 | 0.08538 | 25 | 39.9909 | 1.54 | 76 |
| S-SHB6W | 1977 | BS-SHB6W | 0.79194 | 25 | 68.3107 | 1.32 | 495 |
| S-SHB9 | 1977 | BS-SHB9 | 0.0399 | 25 | 25.189 | 1.19 | 33 |
| S-SHB10 | 1977 | BS-SHB10 | 0.15527 | 25 | 51.2391 | 0.25 | 124 |
| S-SHB2W | 1977 | BS-SHB2W | 1.80611 | 25 | 147.8837 | 3.67 | 489 |
| S-SHB3 | 1977 | J4878 | 0.09259 | 25 | 27.6248 | 2.59 | 150 |
| S-SHB2E | 1977 | BS-SHB2E | 0.53931 | 25 | 36.8797 | 2.89 | 566 |
| S-SHB1E | 1977 | J7981 | 0.27564 | 25 | 51.9778 | 7.81 | 181 |
| S-SHB1W | 1977 | J7993 | 0.21784 | 25 | 51.2925 | 9.98 | 181 |
| BS-TD9N | 1977 | J3922 | 0.00478 | 0 | 26 | 0.5 | 0 |
| BS-TD8N | 1977 | J3496 | 0.00565 | 0 | 31 | 0.5 | 0 |
| BS-TD7N | 1977 | J3225 | 0.00422 | 0 | 23 | 0.5 | 0 |
| BS-TD9S | 1977 | J3718 | 0.00436 | 0 | 24 | 0.5 | 0 |
| BS-TD8S | 1977 | J3406 | 0.01242 | 0 | 68 | 0.5 | 0 |
| BS-TD7S | 1977 | J3286 | 0.01559 | 0 | 85 | 0.5 | 0 |
| BS-TD6N | 1977 | J3165 | 0.00418 | 0 | 23 | 0.5 | 0 |
| BS-TD5N | 1977 | J3000 | 0.00422 | 0 | 23 | 0.5 | 0 |
| BS-TD4N | 1977 | J2942 | 0.00411 | 0 | 22 | 0.5 | 0 |
| BS-TD3N | 1977 | J2863 | 0.00448 | 0 | 24 | 0.5 | 0 |
| BS-TD6S | 1977 | J3353 | 0.00976 | 0 | 53 | 0.5 | 0 |
| BS-TD5S | 1977 | J3069 | 0.01054 | 0 | 57 | 0.5 | 0 |
| BS-TD4S | 1977 | J3139 | 0.01077 | 0 | 59 | 0.5 | 0 |
| BS-TD3S | 1977 | J2769 | 0.00966 | 0 | 53 | 0.5 | 0 |
| BS-TD2N | 1977 | J2657 | 0.00456 | 0 | 25 | 0.5 | 0 |
| BS-TD1N | 1977 | J2614 | 0.00257 | 0 | 14 | 0.5 | 0 |
| BS-TD2S | 1977 | J2689 | 0.01088 | 0 | 59 | 0.5 | 0 |
| BS-TD1S | 1977 | J2727 | 0.00246 | 0 | 13 | 0.5 | 0 |
| BS-SL4N | 1977 | J5017 | 0.00218 | 0 | 12 | 0.5 | 0 |
| BS-SL3N | 1977 | J5008 | 0.00246 | 0 | 13 | 0.5 | 0 |
| BS-SL2N | 1977 | J5225 | 0.00234 | 0 | 13 | 0.5 | 0 |
| BS-SL3S | 1977 | J5094 | 0.00595 | 0 | 32 | 0.5 | 0 |
| BS-SL2S | 1977 | J5206 | 0.00271 | 0 | 15 | 0.5 | 0 |
| BS-SL1 | 1977 | J5416 | 0.00654 | 0 | 36 | 0.5 | 0 |
| BS-SHB5W | 1977 | J4290 | 0.01166 | 0 | 64 | 0.5 | 0 |
| BS-SHB5E | 1977 | J4276 | 0.00117 | 0 | 6 | 0.5 | 0 |
| BS-NML4N | 1977 | J5530 | 0.0014 | 0 | 8 | 0.5 | 0 |
| BS-NML3N | 1977 | J5656 | 0.00298 | 0 | 16 | 0.5 | 0 |

| | | | BMP's with storage | pipe.inp | | | | |
|----------|------|-------|--------------------|----------|-----|-----|---|--|
| BS-NML4S | 1977 | J5581 | 0.00248 | 0 | 14 | 0.5 | 0 | |
| BS-NML3S | 1977 | J5847 | 0.00684 | 0 | 37 | 0.5 | 0 | |
| BS-NML1W | 1977 | J5819 | 0.00776 | 0 | 42 | 0.5 | 0 | |
| BS-SHB9 | 1977 | J4133 | 0.00193 | 0 | 11 | 0.5 | 0 | |
| BS-NML1E | 1977 | J5707 | 0.0053 | 0 | 29 | 0.5 | 0 | |
| BS-SML1 | 1977 | J5769 | 0.00475 | 0 | 26 | 0.5 | 0 | |
| BS-SML4S | 1977 | J5953 | 0.0225 | 0 | 121 | 0.5 | 0 | |
| BS-SML4N | 1977 | J6050 | 0.00259 | 0 | 14 | 0.5 | 0 | |
| BS-SML5N | 1977 | J6137 | 0.00106 | 0 | 6 | 0.5 | 0 | |
| BS-SML5S | 1977 | J6223 | 0.00395 | 0 | 22 | 0.5 | 0 | |
| BS-ND1N | 1977 | J4490 | 0.00287 | 0 | 16 | 0.5 | 0 | |
| BS-ND1S | 1977 | J4526 | 0.0104 | 0 | 57 | 0.5 | 0 | |
| BS-ND2N | 1977 | J1265 | 0.00452 | 0 | 25 | 0.5 | 0 | |
| BS-ND2S | 1977 | J1192 | 0.01251 | 0 | 68 | 0.5 | 0 | |
| BS-ND3N | 1977 | J1336 | 0.00643 | 0 | 35 | 0.5 | 0 | |
| BS-ND3S | 1977 | J1431 | 0.01153 | 0 | 63 | 0.5 | 0 | |
| BS-ND4N | 1977 | J1607 | 0.00441 | 0 | 24 | 0.5 | 0 | |
| BS-ND4S | 1977 | J1468 | 0.01031 | 0 | 56 | 0.5 | 0 | |
| BS-ND5S | 1977 | J1526 | 0.01935 | 0 | 105 | 0.5 | 0 | |
| BS-ND5N | 1977 | J1660 | 0.00388 | 0 | 21 | 0.5 | 0 | |
| BS-ND6N | 1977 | J1718 | 0.00466 | 0 | 25 | 0.5 | 0 | |
| BS-ND6S | 1977 | J1872 | 0.00735 | 0 | 40 | 0.5 | 0 | |
| BS-ND7N | 1977 | J1784 | 0.00494 | 0 | 27 | 0.5 | 0 | |
| BS-ND7S | 1977 | J1810 | 0.01125 | 0 | 61 | 0.5 | 0 | |
| BS-ND8N | 1977 | J1939 | 0.00413 | 0 | 23 | 0.5 | 0 | |
| BS-ND8S | 1977 | J2040 | 0.01166 | 0 | 64 | 0.5 | 0 | |
| BS-ND9N | 1977 | J2263 | 0.00328 | 0 | 18 | 0.5 | 0 | |
| BS-ND9S | 1977 | J2167 | 0.00742 | 0 | 40 | 0.5 | 0 | |
| BS-ND10N | 1977 | J2363 | 0.00298 | 0 | 16 | 0.5 | 0 | |
| BS-ND10S | 1977 | J2332 | 0.005 | 0 | 27 | 0.5 | 0 | |
| BS-CL8N | 1977 | J7153 | 0.0096 | 0 | 52 | 0.5 | 0 | |
| BS-CL8S | 1977 | J7195 | 0.0241 | 0 | 132 | 0.5 | 0 | |
| BS-CL7N | 1977 | J7063 | 0.00436 | 0 | 24 | 0.5 | 0 | |
| BS-CL7S | 1977 | J7264 | 0.01251 | 0 | 68 | 0.5 | 0 | |
| BS-CL5N | 1977 | J6731 | 0.00319 | 0 | 17 | 0.5 | 0 | |
| BS-CL5S | 1977 | J7045 | 0.00342 | 0 | 19 | 0.5 | 0 | |
| BS-CL4N | 1977 | J6682 | 0.00517 | 0 | 28 | 0.5 | 0 | |
| BS-CL4S | 1977 | J6601 | 0.00475 | 0 | 26 | 0.5 | 0 | |
| BS-CL3N | 1977 | J6426 | 0.00489 | 0 | 27 | 0.5 | 0 | |
| BS-CL3S | 1977 | J6467 | 0.00441 | 0 | 24 | 0.5 | 0 | |
| BS-CL2N | 1977 | J6360 | 0.00434 | 0 | 24 | 0.5 | 0 | |
| BS-CL2S | 1977 | J6528 | 0.00434 | 0 | 24 | 0.5 | 0 | |
| BS-CL1N | 1977 | J4875 | 0.00519 | 0 | 28 | 0.5 | 0 | |
| BS-CL1S | 1977 | J4857 | 0.00512 | 0 | 28 | 0.5 | 0 | |
| BS-SHB2E | 1977 | J4711 | 0.00207 | 0 | 11 | 0.5 | 0 | |
| BS-SHB2W | 1977 | J4779 | 0.00696 | 0 | 38 | 0.5 | 0 | |
| BS-SHB6W | 1977 | J4398 | 0.00301 | 0 | 16 | 0.5 | 0 | |

| | | | BMP's with storage pipe.inp | | | | |
|----------|------|-------|-----------------------------|---|----|-----|---|
| BS-SHB4W | 1977 | J4601 | 0.00165 | 0 | 9 | 0.5 | 0 |
| BS-SML3 | 1977 | J5786 | 0.00252 | 0 | 14 | 0.5 | 0 |
| BS-SHB4E | 1977 | J4466 | 0.00117 | 0 | 6 | 0.5 | 0 |
| BS-SHB10 | 1977 | J4115 | 0.00073 | 0 | 4 | 0.5 | 0 |

| [SUBAREAS] | N-Imperv | N-Perv | S-Imperv | S-Perv | PctZero | RouteTo | PctRouted |
|----------------|----------|--------|----------|--------|---------|---------|-----------|
| ;;Subcatchment | | | | | | | |
| ;; | | | | | | | |
| S-ND2S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-ND3S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-ND4S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-ND5S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-ND6S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-ND7S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-ND8S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-ND9S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-ND10S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-ND2N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-ND3N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-ND4N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-ND5N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-ND6N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-ND7N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-ND8N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-ND9N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-ND10N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-CL1S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-CL2S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-CL3S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-CL4S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-CL5S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-CL6S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-CL7S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-CL8S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-CL1N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-CL2N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-CL3N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-CL4N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-CL5N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-CL6N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-CL7N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-CL8N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-ND1S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-ND1N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-TD1S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-TD2S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-TD3S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-TD4S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-TD5S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-TD6S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-TD7S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-TD8S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-TD9S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-TD1N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-TD2N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-TD3N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-TD4N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-TD5N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-TD6N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-TD7N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-TD8N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-TD9N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-SL4N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-SL3N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-SL3S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-SL2N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-SL2S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-SL1 | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-NML3S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-NML1W | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-NML4S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-SML3 | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-SML1 | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-SML4N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-SML5N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-SML5S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-SML4S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-SML2 | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-NML1E | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-NML2 | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-NML3N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-NML4N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-SHB5E | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-SHB4E | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-SHB4W | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-SHB5W | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-SHB6E | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-SHB8 | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-SHB6W | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |
| S-SHB9 | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET | |

BMP's with storage pipe.inp

| | | | | | | |
|----------|-------|------|------|------|----|--------|
| S-SHB10 | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| S-SHB2W | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| S-SHB3 | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| S-SHB2E | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| S-SHB1E | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| S-SHB1W | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-TD9N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-TD8N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-TD7N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-TD9S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-TD8S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-TD7S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-TD6N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-TD5N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-TD4N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-TD3N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-TD6S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-TD5S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-TD4S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-TD3S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-TD2N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-TD1N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-TD2S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-TD1S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-SL4N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-SL3N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-SL2N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-SL3S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-SL2S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-SL1 | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-SHB5W | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-SHB5E | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-NML4N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-NML3N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-NML4S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-NML3S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-NML1W | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-SHB9 | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-NML1E | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-SML1 | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-SML4S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-SML4N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-SML5N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-SML5S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-ND1N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-ND1S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-ND2N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-ND2S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-ND3N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-ND3S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-ND4N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-ND4S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-ND5S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-ND5N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-ND6N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-ND6S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-ND7N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-ND7S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-ND8N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-ND8S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-ND9N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-ND9S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-ND10N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-ND10S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-CL8N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-CL8S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-CL7N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-CL7S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-CL5N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-CL5S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-CL4N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-CL4S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-CL3N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-CL3S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-CL2N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-CL2S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-CL1N | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-CL1S | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-SHB2E | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-SHB2W | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-SHB6W | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-SHB4W | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-SML3 | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-SHB4E | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |
| BS-SHB10 | 0.015 | 0.24 | 0.05 | 0.05 | 25 | OUTLET |

[INFILTRATION]

| ;;Subcatchment | MaxRate | MinRate | Decay | DryTime | MaxInfil |
|----------------|---------|---------|-------|---------|----------|
| ;;----- | | | | | |
| S-ND2S | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-ND3S | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-ND4S | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-ND5S | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-ND6S | 0.6 | 0.2 | 4 | 7 | 1.4 |

BMP's with storage pipe.inp

| | | | | | |
|---------|-----|-----|---|---|-----|
| S-ND7S | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-ND8S | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-ND9S | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-ND10S | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-ND2N | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-ND3N | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-ND4N | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-ND5N | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-ND6N | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-ND7N | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-ND8N | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-ND9N | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-ND10N | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-CL1S | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-CL2S | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-CL3S | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-CL4S | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-CL5S | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-CL6S | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-CL7S | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-CL8S | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-CL1N | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-CL2N | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-CL3N | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-CL4N | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-CL5N | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-CL6N | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-CL7N | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-CL8N | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-ND1S | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-ND1N | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-TD1S | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-TD2S | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-TD3S | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-TD4S | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-TD5S | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-TD6S | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-TD7S | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-TD8S | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-TD9S | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-TD1N | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-TD2N | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-TD3N | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-TD4N | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-TD5N | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-TD6N | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-TD7N | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-TD8N | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-TD9N | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-SL4N | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-SL3N | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-SL3S | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-SL2N | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-SL2S | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-SL1 | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-NML3S | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-NML1W | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-NML4S | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-SML3 | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-SML1 | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-SML4N | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-SML5N | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-SML5S | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-SML4S | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-SML2 | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-NML1E | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-NML2 | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-NML3N | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-NML4N | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-SHB5E | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-SHB4E | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-SHB4W | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-SHB5W | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-SHB6E | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-SHB8 | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-SHB6W | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-SHB9 | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-SHB10 | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-SHB2W | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-SHB3 | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-SHB2E | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-SHB1E | 0.6 | 0.2 | 4 | 7 | 1.4 |
| S-SHB1W | 0.6 | 0.2 | 4 | 7 | 1.4 |
| BS-TD9N | 3 | 0.5 | 4 | 7 | 0 |
| BS-TD8N | 3 | 0.5 | 4 | 7 | 0 |
| BS-TD7N | 3 | 0.5 | 4 | 7 | 0 |
| BS-TD9S | 3 | 0.5 | 4 | 7 | 0 |
| BS-TD8S | 3 | 0.5 | 4 | 7 | 0 |
| BS-TD7S | 3 | 0.5 | 4 | 7 | 0 |
| BS-TD6N | 3 | 0.5 | 4 | 7 | 0 |
| BS-TD5N | 3 | 0.5 | 4 | 7 | 0 |
| BS-TD4N | 3 | 0.5 | 4 | 7 | 0 |
| BS-TD3N | 3 | 0.5 | 4 | 7 | 0 |
| BS-TD6S | 3 | 0.5 | 4 | 7 | 0 |

BMP's with storage pipe.inp

| | | | | | |
|----------|---|-----|---|---|---|
| BS-TD5S | 3 | 0.5 | 4 | 7 | 0 |
| BS-TD4S | 3 | 0.5 | 4 | 7 | 0 |
| BS-TD3S | 3 | 0.5 | 4 | 7 | 0 |
| BS-TD2N | 3 | 0.5 | 4 | 7 | 0 |
| BS-TD1N | 3 | 0.5 | 4 | 7 | 0 |
| BS-TD2S | 3 | 0.5 | 4 | 7 | 0 |
| BS-TD1S | 3 | 0.5 | 4 | 7 | 0 |
| BS-SL4N | 3 | 0.5 | 4 | 7 | 0 |
| BS-SL3N | 3 | 0.5 | 4 | 7 | 0 |
| BS-SL2N | 3 | 0.5 | 4 | 7 | 0 |
| BS-SL3S | 3 | 0.5 | 4 | 7 | 0 |
| BS-SL2S | 3 | 0.5 | 4 | 7 | 0 |
| BS-SL1 | 3 | 0.5 | 4 | 7 | 0 |
| BS-SHB5W | 3 | 0.5 | 4 | 7 | 0 |
| BS-SHB5E | 3 | 0.5 | 4 | 7 | 0 |
| BS-NML4N | 3 | 0.5 | 4 | 7 | 0 |
| BS-NML3N | 3 | 0.5 | 4 | 7 | 0 |
| BS-NML4S | 3 | 0.5 | 4 | 7 | 0 |
| BS-NML3S | 3 | 0.5 | 4 | 7 | 0 |
| BS-NML1W | 3 | 0.5 | 4 | 7 | 0 |
| BS-SHB9 | 3 | 0.5 | 4 | 7 | 0 |
| BS-NML1E | 3 | 0.5 | 4 | 7 | 0 |
| BS-SML1 | 3 | 0.5 | 4 | 7 | 0 |
| BS-SML4S | 3 | 0.5 | 4 | 7 | 0 |
| BS-SML4N | 3 | 0.5 | 4 | 7 | 0 |
| BS-SML5N | 3 | 0.5 | 4 | 7 | 0 |
| BS-SML5S | 3 | 0.5 | 4 | 7 | 0 |
| BS-ND1N | 3 | 0.5 | 4 | 7 | 0 |
| BS-ND1S | 3 | 0.5 | 4 | 7 | 0 |
| BS-ND2N | 3 | 0.5 | 4 | 7 | 0 |
| BS-ND2S | 3 | 0.5 | 4 | 7 | 0 |
| BS-ND3N | 3 | 0.5 | 4 | 7 | 0 |
| BS-ND3S | 3 | 0.5 | 4 | 7 | 0 |
| BS-ND4N | 3 | 0.5 | 4 | 7 | 0 |
| BS-ND4S | 3 | 0.5 | 4 | 7 | 0 |
| BS-ND5S | 3 | 0.5 | 4 | 7 | 0 |
| BS-ND5N | 3 | 0.5 | 4 | 7 | 0 |
| BS-ND6N | 3 | 0.5 | 4 | 7 | 0 |
| BS-ND6S | 3 | 0.5 | 4 | 7 | 0 |
| BS-ND7N | 3 | 0.5 | 4 | 7 | 0 |
| BS-ND7S | 3 | 0.5 | 4 | 7 | 0 |
| BS-ND8N | 3 | 0.5 | 4 | 7 | 0 |
| BS-ND8S | 3 | 0.5 | 4 | 7 | 0 |
| BS-ND9N | 3 | 0.5 | 4 | 7 | 0 |
| BS-ND9S | 3 | 0.5 | 4 | 7 | 0 |
| BS-ND10N | 3 | 0.5 | 4 | 7 | 0 |
| BS-ND10S | 3 | 0.5 | 4 | 7 | 0 |
| BS-CL8N | 3 | 0.5 | 4 | 7 | 0 |
| BS-CL8S | 3 | 0.5 | 4 | 7 | 0 |
| BS-CL7N | 3 | 0.5 | 4 | 7 | 0 |
| BS-CL7S | 3 | 0.5 | 4 | 7 | 0 |
| BS-CL5N | 3 | 0.5 | 4 | 7 | 0 |
| BS-CL5S | 3 | 0.5 | 4 | 7 | 0 |
| BS-CL4N | 3 | 0.5 | 4 | 7 | 0 |
| BS-CL4S | 3 | 0.5 | 4 | 7 | 0 |
| BS-CL3N | 3 | 0.5 | 4 | 7 | 0 |
| BS-CL3S | 3 | 0.5 | 4 | 7 | 0 |
| BS-CL2N | 3 | 0.5 | 4 | 7 | 0 |
| BS-CL2S | 3 | 0.5 | 4 | 7 | 0 |
| BS-CL1N | 3 | 0.5 | 4 | 7 | 0 |
| BS-CL1S | 3 | 0.5 | 4 | 7 | 0 |
| BS-SHB2E | 3 | 0.5 | 4 | 7 | 0 |
| BS-SHB2W | 3 | 0.5 | 4 | 7 | 0 |
| BS-SHB6W | 3 | 0.5 | 4 | 7 | 0 |
| BS-SHB4W | 3 | 0.5 | 4 | 7 | 0 |
| BS-SML3 | 3 | 0.5 | 4 | 7 | 0 |
| BS-SHB4E | 3 | 0.5 | 4 | 7 | 0 |
| BS-SHB10 | 3 | 0.5 | 4 | 7 | 0 |

[LID_CONTROLS]

;; Type/Layer Parameters
 ;;-----

| | | | | | | | | |
|-----------|---------|----|-------|-------|-------|-----|------|------|
| Bio_Swale | BC | | | | | | | |
| Bio_Swale | SURFACE | 12 | .99 | 0.24 | 1.0 | 5 | | |
| Bio_Swale | SOIL | 30 | 0.445 | 0.147 | 0.066 | 0.8 | 10.0 | 3.36 |
| Bio_Swale | STORAGE | 12 | 0.66 | 0.2 | 0 | | | |
| Bio_Swale | DRAIN | 2 | 0.5 | 0 | 6 | | | |

[LID_USAGE]

;;Subcatchment LID Process Number Area Width InitSatur FromImprv ToPerv Report File
 ;;-----

| | | | | | | | | |
|---------|-----------|---|----------|---|---|---|---|---|
| S-SL3N | Bio_Swale | 1 | 28700.81 | 0 | 0 | 0 | 0 | 0 |
| BS-TD9N | Bio_Swale | 1 | 208.21 | 0 | 0 | 0 | 0 | 0 |
| BS-TD8N | Bio_Swale | 1 | 246.11 | 0 | 0 | 0 | 0 | 0 |
| BS-TD7N | Bio_Swale | 1 | 183.82 | 0 | 0 | 0 | 0 | 0 |
| BS-TD9S | Bio_Swale | 1 | 189.92 | 0 | 0 | 0 | 0 | 0 |
| BS-TD8S | Bio_Swale | 1 | 541.01 | 0 | 0 | 0 | 0 | 0 |
| BS-TD7S | Bio_Swale | 1 | 679.1 | 0 | 0 | 0 | 0 | 0 |
| BS-TD6N | Bio_Swale | 1 | 182.08 | 0 | 0 | 0 | 0 | 0 |
| BS-TD5N | Bio_Swale | 1 | 183.82 | 0 | 0 | 0 | 0 | 0 |
| BS-TD4N | Bio_Swale | 1 | 179.03 | 0 | 0 | 0 | 0 | 0 |
| BS-TD3N | Bio_Swale | 1 | 195.14 | 0 | 0 | 0 | 0 | 0 |
| BS-TD6S | Bio_Swale | 1 | 425.14 | 0 | 0 | 0 | 0 | 0 |

BMP's with storage pipe.inp

| | | | | | | | |
|----------|-----------|---|---------|---|---|---|---|
| BS-TD5S | Bio_Swale | 1 | 459.12 | 0 | 0 | 0 | 0 |
| BS-TD4S | Bio_Swale | 1 | 469.14 | 0 | 0 | 0 | 0 |
| BS-TD3S | Bio_Swale | 1 | 420.78 | 0 | 0 | 0 | 0 |
| BS-TD2N | Bio_Swale | 1 | 198.63 | 0 | 0 | 0 | 0 |
| BS-TD1N | Bio_Swale | 1 | 111.94 | 0 | 0 | 0 | 0 |
| BS-TD2S | Bio_Swale | 1 | 473.93 | 0 | 0 | 0 | 0 |
| BS-TD1S | Bio_Swale | 1 | 107.15 | 0 | 0 | 0 | 0 |
| BS-SL4N | Bio_Swale | 1 | 94.96 | 0 | 0 | 0 | 0 |
| BS-SL3N | Bio_Swale | 1 | 107.15 | 0 | 0 | 0 | 0 |
| BS-SL2N | Bio_Swale | 1 | 101.93 | 0 | 0 | 0 | 0 |
| BS-SL3S | Bio_Swale | 1 | 259.18 | 0 | 0 | 0 | 0 |
| BS-SL2S | Bio_Swale | 1 | 118.04 | 0 | 0 | 0 | 0 |
| BS-SL1 | Bio_Swale | 1 | 284.88 | 0 | 0 | 0 | 0 |
| BS-SHB5W | Bio_Swale | 1 | 507.90 | 0 | 0 | 0 | 0 |
| BS-SHB5E | Bio_Swale | 1 | 50.96 | 0 | 0 | 0 | 0 |
| BS-NML4N | Bio_Swale | 1 | 60.98 | 0 | 0 | 0 | 0 |
| BS-NML3N | Bio_Swale | 1 | 129.80 | 0 | 0 | 0 | 0 |
| BS-NML4S | Bio_Swale | 1 | 108.02 | 0 | 0 | 0 | 0 |
| BS-NML3S | Bio_Swale | 1 | 297.95 | 0 | 0 | 0 | 0 |
| BS-NML1W | Bio_Swale | 1 | 338.02 | 0 | 0 | 0 | 0 |
| BS-SHB9 | Bio_Swale | 1 | 84.07 | 0 | 0 | 0 | 0 |
| BS-NML1E | Bio_Swale | 1 | 230.86 | 0 | 0 | 0 | 0 |
| BS-SML1 | Bio_Swale | 1 | 206.91 | 0 | 0 | 0 | 0 |
| BS-SML4S | Bio_Swale | 1 | 980.09 | 0 | 0 | 0 | 0 |
| BS-SML4N | Bio_Swale | 1 | 112.82 | 0 | 0 | 0 | 0 |
| BS-SML5N | Bio_Swale | 1 | 46.17 | 0 | 0 | 0 | 0 |
| BS-SML5S | Bio_Swale | 1 | 172.06 | 0 | 0 | 0 | 0 |
| BS-ND1N | Bio_Swale | 1 | 125.01 | 0 | 0 | 0 | 0 |
| BS-ND1S | Bio_Swale | 1 | 453.02 | 0 | 0 | 0 | 0 |
| BS-ND2N | Bio_Swale | 1 | 196.89 | 0 | 0 | 0 | 0 |
| BS-ND2S | Bio_Swale | 1 | 544.93 | 0 | 0 | 0 | 0 |
| BS-ND3N | Bio_Swale | 1 | 280.09 | 0 | 0 | 0 | 0 |
| BS-ND3S | Bio_Swale | 1 | 502.24 | 0 | 0 | 0 | 0 |
| BS-ND4N | Bio_Swale | 1 | 192.09 | 0 | 0 | 0 | 0 |
| BS-ND4S | Bio_Swale | 1 | 449.1 | 0 | 0 | 0 | 0 |
| BS-ND5S | Bio_Swale | 1 | 842.88 | 0 | 0 | 0 | 0 |
| BS-ND5N | Bio_Swale | 1 | 169.01 | 0 | 0 | 0 | 0 |
| BS-ND6N | Bio_Swale | 1 | 202.98 | 0 | 0 | 0 | 0 |
| BS-ND6S | Bio_Swale | 1 | 320.16 | 0 | 0 | 0 | 0 |
| BS-ND7N | Bio_Swale | 1 | 215.18 | 0 | 0 | 0 | 0 |
| BS-ND7S | Bio_Swale | 1 | 490.04 | 0 | 0 | 0 | 0 |
| BS-ND8N | Bio_Swale | 1 | 179.9 | 0 | 0 | 0 | 0 |
| BS-ND8S | Bio_Swale | 1 | 507.90 | 0 | 0 | 0 | 0 |
| BS-ND9N | Bio_Swale | 1 | 142.87 | 0 | 0 | 0 | 0 |
| BS-ND9S | Bio_Swale | 1 | 323.21 | 0 | 0 | 0 | 0 |
| BS-ND10N | Bio_Swale | 1 | 129.80 | 0 | 0 | 0 | 0 |
| BS-ND10S | Bio_Swale | 1 | 217.8 | 0 | 0 | 0 | 0 |
| BS-CL8N | Bio_Swale | 1 | 418.17 | 0 | 0 | 0 | 0 |
| BS-CL8S | Bio_Swale | 1 | 1049.79 | 0 | 0 | 0 | 0 |
| BS-CL7N | Bio_Swale | 1 | 189.92 | 0 | 0 | 0 | 0 |
| BS-CL7S | Bio_Swale | 1 | 544.93 | 0 | 0 | 0 | 0 |
| BS-CL5N | Bio_Swale | 1 | 138.95 | 0 | 0 | 0 | 0 |
| BS-CL5S | Bio_Swale | 1 | 148.97 | 0 | 0 | 0 | 0 |
| BS-CL4N | Bio_Swale | 1 | 225.20 | 0 | 0 | 0 | 0 |
| BS-CL4S | Bio_Swale | 1 | 206.91 | 0 | 0 | 0 | 0 |
| BS-CL3N | Bio_Swale | 1 | 213.00 | 0 | 0 | 0 | 0 |
| BS-CL3S | Bio_Swale | 1 | 192.09 | 0 | 0 | 0 | 0 |
| BS-CL2N | Bio_Swale | 1 | 189.05 | 0 | 0 | 0 | 0 |
| BS-CL2S | Bio_Swale | 1 | 189.05 | 0 | 0 | 0 | 0 |
| BS-CL1N | Bio_Swale | 1 | 226.07 | 0 | 0 | 0 | 0 |
| BS-CL1S | Bio_Swale | 1 | 223.02 | 0 | 0 | 0 | 0 |
| BS-SHB2E | Bio_Swale | 1 | 90.16 | 0 | 0 | 0 | 0 |
| BS-SHB2W | Bio_Swale | 1 | 303.17 | 0 | 0 | 0 | 0 |
| BS-SHB6W | Bio_Swale | 1 | 131.11 | 0 | 0 | 0 | 0 |
| BS-SHB4W | Bio_Swale | 1 | 71.87 | 0 | 0 | 0 | 0 |
| BS-SML3 | Bio_Swale | 1 | 109.77 | 0 | 0 | 0 | 0 |
| BS-SHB4E | Bio_Swale | 1 | 50.96 | 0 | 0 | 0 | 0 |
| BS-SHB10 | Bio_Swale | 1 | 31.79 | 0 | 0 | 0 | 0 |

[JUNCTIONS]

| ;; ;;Name ;; | Invert Elev. | Max. Depth | Init. Depth | Surcharge Depth | Ponded Area |
|--------------------|-----------------|---------------|----------------|--------------------|----------------|
| J7339 | 1126.45 | 7.4 | 0 | 0 | 0 |
| J7153 | 1124.93 | 9.4 | 0 | 0 | 0 |
| J7063 | 1123.32 | 12 | 0 | 0 | 0 |
| J6731 | 1120.17 | 11.4 | 0 | 0 | 0 |
| J6682 | 1118.67 | 9.9 | 0 | 0 | 0 |
| J6426 | 1114.55 | 8.2 | 0 | 0 | 0 |
| J6360 | 1109.95 | 7.9 | 0 | 0 | 0 |
| J4875 | 1102.26 | 8.4 | 0 | 0 | 0 |
| J4857 | 1101.85 | 10.4 | 0 | 0 | 0 |
| J7993 | 1096.74 | 7.8 | 0 | 0 | 0 |
| J7981 | 1096.54 | 8.37 | 0 | 0 | 0 |
| J7469 | 1127.8 | 6 | 0 | 0 | 0 |
| J7195 | 1126.74 | 7.6 | 0 | 0 | 0 |
| J7264 | 1128.2 | 7.2 | 0 | 0 | 0 |
| J7045 | 1123.71 | 7.9 | 0 | 0 | 0 |
| J6601 | 1121.64 | 6.8 | 0 | 0 | 0 |
| J6467 | 1115.44 | 6.8 | 0 | 0 | 0 |
| J6528 | 1112.24 | 6.3 | 0 | 0 | 0 |
| J2363 | 1117.25 | 4.3 | 0 | 0 | 0 |
| J2332 | 1118.07 | 3.5 | 0 | 0 | 0 |
| J2197 | 1115.15 | 14.2 | 0 | 0 | 0 |

BMP's with storage pipe.inp

| | | | | | |
|---------------|---------|-------|---|---|---|
| J2167 | 1124.69 | 5.1 | 0 | 0 | 0 |
| J2263 | 1114.02 | 15.7 | 0 | 0 | 0 |
| J1939 | 1112.59 | 16.1 | 0 | 0 | 0 |
| J2040 | 1124.07 | 4.8 | 0 | 0 | 0 |
| J1784 | 1109.85 | 15.7 | 0 | 0 | 0 |
| J1810 | 1121.11 | 4.3 | 0 | 0 | 0 |
| J1718 | 1107.84 | 15.3 | 0 | 0 | 0 |
| J1872 | 1119.49 | 4.2 | 0 | 0 | 0 |
| J1660 | 1105.01 | 15.9 | 0 | 0 | 0 |
| J1526 | 1115.99 | 4.6 | 0 | 0 | 0 |
| J1607 | 1099.05 | 12.9 | 0 | 0 | 0 |
| J1468 | 1107.59 | 4.2 | 0 | 0 | 0 |
| J1336 | 1094.24 | 11.4 | 0 | 0 | 0 |
| J1431 | 1101.1 | 4.6 | 0 | 0 | 0 |
| J1265 | 1088.37 | 12.8 | 0 | 0 | 0 |
| J1192 | 1096.24 | 5.4 | 0 | 0 | 0 |
| J4490 | 1081.22 | 12.52 | 0 | 0 | 0 |
| J4525 | 1091.46 | 4.1 | 0 | 0 | 0 |
| J4526 | 1090.77 | 4.8 | 0 | 0 | 0 |
| J4561 | 1089.97 | 4.9 | 0 | 0 | 0 |
| J4466 | 1079.24 | 11.5 | 0 | 0 | 0 |
| J4276 | 1070.57 | 14.3 | 0 | 0 | 0 |
| J3799 | 1118.27 | 7.33 | 0 | 0 | 0 |
| J3718 | 1117.3 | 5.3 | 0 | 0 | 0 |
| J3922 | 1118.55 | 4.5 | 0 | 0 | 0 |
| J3406 | 1114.46 | 5.84 | 0 | 0 | 0 |
| J3496 | 1115.61 | 4.6 | 0 | 0 | 0 |
| J3286 | 1111.68 | 5.72 | 0 | 0 | 0 |
| J3225 | 1112.91 | 5.11 | 0 | 0 | 0 |
| J3353 | 1107.84 | 7.86 | 0 | 0 | 0 |
| J3165 | 1108.74 | 6.7 | 0 | 0 | 0 |
| J3069 | 1100.62 | 8.18 | 0 | 0 | 0 |
| J3000 | 1102.03 | 6.5 | 0 | 0 | 0 |
| J3139 | 1093.16 | 6.84 | 0 | 0 | 0 |
| J2942 | 1094.8 | 5 | 0 | 0 | 0 |
| J2769 | 1085.18 | 10.22 | 0 | 0 | 0 |
| J2863 | 1088.58 | 5 | 0 | 0 | 0 |
| J2689 | 1080.67 | 6.53 | 0 | 0 | 0 |
| J2657 | 1082.07 | 5 | 0 | 0 | 0 |
| J2727 | 1077.55 | 6.65 | 0 | 0 | 0 |
| J2614 | 1082.07 | 2.17 | 0 | 0 | 0 |
| J4398 | 1075.44 | 5.89 | 0 | 0 | 0 |
| J4115 | 1069.83 | 11.5 | 0 | 0 | 0 |
| J6223 | 1085 | 5 | 0 | 0 | 0 |
| J6137 | 1077.79 | 11.71 | 0 | 0 | 0 |
| J5017 | 1064.79 | 7.91 | 0 | 0 | 0 |
| J5008 | 1056.17 | 8.83 | 0 | 0 | 0 |
| J4133 | 1073.38 | 8.8 | 0 | 0 | 0 |
| J5225 | 1046.34 | 10.76 | 0 | 0 | 0 |
| J5416 | 1036.43 | 11.1 | 0 | 0 | 0 |
| J5094 | 1061.69 | 5.5 | 0 | 0 | 0 |
| J5206 | 1052.52 | 4.6 | 0 | 0 | 0 |
| J5365 | 1048.81 | 1.6 | 0 | 0 | 0 |
| J6050 | 1070.43 | 11.57 | 0 | 0 | 0 |
| J5953 | 1077.7 | 5.1 | 0 | 0 | 0 |
| J5530 | 1076.45 | 5.2 | 0 | 0 | 0 |
| J5581 | 1070.78 | 11.12 | 0 | 0 | 0 |
| J5656 | 1067.73 | 6.4 | 0 | 0 | 0 |
| J5847 | 1063.63 | 10.67 | 0 | 0 | 0 |
| J6037 | 1069.11 | 11.59 | 0 | 0 | 0 |
| J5934 | 1080.89 | 1.5 | 0 | 0 | 0 |
| J5786 | 1065.08 | 10.42 | 0 | 0 | 0 |
| J5769 | 1070.55 | 5.2 | 0 | 0 | 0 |
| J5707 | 1058.98 | 12.4 | 0 | 0 | 0 |
| J5819 | 1061.78 | 10.62 | 0 | 0 | 0 |
| J4601 | 1079.5 | 11.24 | 0 | 0 | 0 |
| J4290 | 1078 | 6 | 0 | 0 | 0 |
| J4711 | 1092.78 | 11.8 | 0 | 0 | 0 |
| J4779 | 1096 | 5.5 | 0 | 0 | 0 |
| J4878 | 1089.31 | 11.91 | 0 | 0 | 0 |
| J4170 | 1074.87 | 8.7 | 0 | 0 | 0 |
| OF_Restrictor | 1070.5 | 14 | 0 | 0 | 0 |

[OUTFALLS]

| ;;Name | Invert Elev. | Outfall Type | Stage/Table Time Series | Tide Gate |
|--------|--------------|--------------|-------------------------|-----------|
| CL_OF | 1096.15 | FREE | | NO |
| ND_OF | 1070.46 | FREE | | NO |
| TD_OF | 1076.27 | FREE | | NO |
| SH_OF | 1034.32 | FREE | | NO |
| ML_OF | 1056.98 | FREE | | NO |

[CONDUITS]

| ;;Name | Inlet Node | Outlet Node | Length | Manning N | Inlet Offset | Outlet Offset | Init. Flow |
|--------|------------|-------------|--------|-----------|--------------|---------------|------------|
| CL1 | J7469 | J7339 | 27 | 0.015 | 0 | 0.5 | 0 |
| CL2 | J7339 | J7153 | 312 | 0.015 | 0 | 0.2 | 0 |

| | | | BMP's with storage pipe.inp | | | | | | |
|--------|-------|---------------|-----------------------------|-------|---|------|---|---|---|
| CL3 | J7195 | J7153 | 27 | 0.015 | 0 | 0.6 | 0 | 0 | 0 |
| CL4 | J7153 | J7063 | 298 | 0.015 | 0 | 0 | 0 | 0 | 0 |
| CL5 | J7264 | J7063 | 27 | 0.015 | 0 | 3.4 | 0 | 0 | 0 |
| CL6 | J7063 | J6731 | 600 | 0.015 | 0 | 0 | 0 | 0 | 0 |
| CL7 | J7045 | J6731 | 33 | 0.015 | 0 | 1.9 | 0 | 0 | 0 |
| CL8 | J6731 | J6682 | 300 | 0.015 | 0 | 0 | 0 | 0 | 0 |
| CL9 | J6601 | J6682 | 30 | 0.015 | 0 | 2.4 | 0 | 0 | 0 |
| CL10 | J6682 | J6426 | 300 | 0.015 | 0 | 0 | 0 | 0 | 0 |
| CL11 | J6467 | J6426 | 28 | 0.015 | 0 | 0.4 | 0 | 0 | 0 |
| CL12 | J6426 | J6360 | 300 | 0.015 | 0 | 0 | 0 | 0 | 0 |
| CL13 | J6528 | J6360 | 28 | 0.015 | 0 | 2 | 0 | 0 | 0 |
| CL14 | J6360 | J4875 | 276 | 0.015 | 0 | 0 | 0 | 0 | 0 |
| CL16 | J4875 | J4857 | 67 | 0.015 | 0 | 0 | 0 | 0 | 0 |
| SHB7 | J4857 | J7993 | 461 | 0.015 | 0 | 0.3 | 0 | 0 | 0 |
| SHB8 | J7993 | J7981 | 15 | 0.015 | 0 | 0.1 | 0 | 0 | 0 |
| SHB9 | J7981 | CL_OF | 37 | 0.015 | 0 | 0 | 0 | 0 | 0 |
| ND11C | J2332 | J2363 | 35 | 0.015 | 0 | 0 | 0 | 0 | 0 |
| ND10 | J2363 | J2197 | 305 | 0.015 | 0 | 0.1 | 0 | 0 | 0 |
| ND10C | J2167 | J2197 | 36 | 0.015 | 0 | 7.4 | 0 | 0 | 0 |
| ND9 | J2197 | J2263 | 306 | 0.015 | 0 | 0.2 | 0 | 0 | 0 |
| ND8 | J2263 | J1939 | 295 | 0.015 | 0 | 0.2 | 0 | 0 | 0 |
| ND8C | J2040 | J1939 | 40 | 0.015 | 0 | 9 | 0 | 0 | 0 |
| ND7 | J1939 | J1784 | 298 | 0.015 | 0 | 0.2 | 0 | 0 | 0 |
| ND7C | J1810 | J1784 | 39 | 0.015 | 0 | 9.3 | 0 | 0 | 0 |
| ND6 | J1784 | J1718 | 302 | 0.015 | 0 | 0.1 | 0 | 0 | 0 |
| ND6C | J1872 | J1718 | 40 | 0.015 | 0 | 10.2 | 0 | 0 | 0 |
| ND5 | J1718 | J1660 | 303 | 0.015 | 0 | 0.2 | 0 | 0 | 0 |
| ND5C | J1526 | J1660 | 37 | 0.015 | 0 | 8.7 | 0 | 0 | 0 |
| ND4 | J1660 | J1607 | 293 | 0.015 | 0 | 0.1 | 0 | 0 | 0 |
| ND4C | J1468 | J1607 | 36 | 0.015 | 0 | 6.2 | 0 | 0 | 0 |
| ND3 | J1607 | J1336 | 293 | 0.015 | 0 | 0 | 0 | 0 | 0 |
| ND3C | J1431 | J1336 | 35 | 0.015 | 0 | 4 | 0 | 0 | 0 |
| ND2 | J1336 | J1265 | 293 | 0.015 | 0 | 0.1 | 0 | 0 | 0 |
| ND2C | J1192 | J1265 | 38 | 0.015 | 0 | 5.6 | 0 | 0 | 0 |
| ND1 | J1265 | J4490 | 279 | 0.015 | 0 | 0.3 | 0 | 0 | 0 |
| SHB4C3 | J4525 | J4526 | 13 | 0.015 | 0 | 0.4 | 0 | 0 | 0 |
| SHB4C2 | J4526 | J4561 | 45 | 0.015 | 0 | 0.1 | 0 | 0 | 0 |
| SHB4C | J4561 | J4490 | 40 | 0.015 | 0 | 5 | 0 | 0 | 0 |
| SHB4 | J4490 | J4466 | 165 | 0.015 | 0 | 0 | 0 | 0 | 0 |
| SHB3 | J4466 | J4276 | 238 | 0.015 | 0 | 6 | 0 | 0 | 0 |
| SHB_OF | J4276 | OF_Restrictor | 188 | 0.015 | 0 | 0 | 0 | 0 | 0 |
| TD9 | J3799 | J3718 | 319 | 0.015 | 0 | 0 | 0 | 0 | 0 |
| TD9C | J3922 | J3718 | 36 | 0.015 | 0 | 0.7 | 0 | 0 | 0 |
| TD8 | J3718 | J3406 | 303 | 0.015 | 0 | 0.1 | 0 | 0 | 0 |
| TD8C | J3496 | J3406 | 37 | 0.015 | 0 | 0.8 | 0 | 0 | 0 |
| TD7 | J3406 | J3286 | 299 | 0.015 | 0 | 0 | 0 | 0 | 0 |
| TD6 | J3286 | J3353 | 301 | 0.015 | 0 | 0.1 | 0 | 0 | 0 |

BMP's with storage pipe.inp

| | | | | | | | | |
|----------------|---------------|-------|-----|-------|-----|------|---|---|
| TD5 | J3353 | J3069 | 298 | 0.015 | 0 | 0 | 0 | 0 |
| TD7C | J3225 | J3286 | 37 | 0.015 | 0 | 0 | 0 | 0 |
| TD6C | J3165 | J3353 | 36 | 0.015 | 0 | 0.84 | 0 | 0 |
| TD5C | J3000 | J3069 | 37 | 0.015 | 0 | 1 | 0 | 0 |
| TD4 | J3069 | J3139 | 301 | 0.015 | 0 | 1.2 | 0 | 0 |
| TD3 | J3139 | J2769 | 301 | 0.015 | 0 | 0 | 0 | 0 |
| TD2 | J2769 | J2689 | 325 | 0.015 | 0 | 0 | 0 | 0 |
| TD4C | J2942 | J3139 | 37 | 0.015 | 0 | 0 | 0 | 0 |
| TD3C | J2863 | J2769 | 37 | 0.015 | 0 | 0 | 0 | 0 |
| TD2C | J2657 | J2689 | 37 | 0.015 | 0 | 1 | 0 | 0 |
| TD1 | J2689 | J2727 | 184 | 0.015 | 0 | 0 | 0 | 0 |
| SHB7C | J2727 | TD_OF | 75 | 0.015 | 0 | 0 | 0 | 0 |
| TD1C | J2614 | J2727 | 36 | 0.015 | 0 | 0.7 | 0 | 0 |
| SHB1C | J4398 | J4115 | 39 | 0.015 | 0 | 5.6 | 0 | 0 |
| SL5 | J4115 | J5017 | 301 | 0.015 | 0 | 0 | 0 | 0 |
| SL4 | J5017 | J5008 | 282 | 0.015 | 0 | 0 | 0 | 0 |
| SL3 | J5008 | J5225 | 258 | 0.015 | 0 | 0 | 0 | 0 |
| SL2 | J5225 | J5416 | 254 | 0.015 | 0 | 0.1 | 0 | 0 |
| SL1 | J5416 | SH_OF | 200 | 0.015 | 0 | 0 | 0 | 0 |
| SL1C | J5365 | J5416 | 67 | 0.015 | 0 | 0 | 0 | 0 |
| SL2C | J5206 | J5225 | 37 | 0.015 | 0 | 5 | 0 | 0 |
| SL3C | J5094 | J5008 | 36 | 0.015 | 0 | 4.2 | 0 | 0 |
| SHB1 | J4133 | J4115 | 63 | 0.015 | 0 | 1.6 | 0 | 0 |
| SML2C | J6223 | J6137 | 35 | 0.015 | 0 | 7 | 0 | 0 |
| SML2 | J6137 | J6050 | 324 | 0.015 | 0 | 0.5 | 0 | 0 |
| SML1C | J5953 | J6050 | 36 | 0.015 | 0 | 5 | 0 | 0 |
| SML1 | J6050 | J6037 | 51 | 0.015 | 0 | 0.1 | 0 | 0 |
| ML4 | J6037 | J5786 | 166 | 0.015 | 0 | 0 | 0 | 0 |
| ML3C | J5769 | J5786 | 36 | 0.015 | 0 | 4.85 | 0 | 0 |
| ML3 | J5786 | J5819 | 192 | 0.015 | 0 | 0 | 0 | 0 |
| ML2 | J5819 | J5707 | 36 | 0.015 | 0.2 | 0 | 0 | 0 |
| ML1 | J5707 | ML_OF | 200 | 0.015 | 0 | 0 | 0 | 0 |
| NML2 | J5581 | J5847 | 223 | 0.015 | 0 | 0.1 | 0 | 0 |
| NML1 | J5847 | J5819 | 129 | 0.015 | 0 | 0 | 0 | 0 |
| NML2C | J5530 | J5581 | 34 | 0.015 | 0 | 5.1 | 0 | 0 |
| NML1C | J5656 | J5847 | 36 | 0.015 | 0 | 3.8 | 0 | 0 |
| ML4C | J5934 | J6037 | 54 | 0.015 | 0 | 7 | 0 | 0 |
| SHB2 | J4170 | J4133 | 80 | 0.015 | 0 | 0 | 0 | 0 |
| SHB5C | J4779 | J4878 | 45 | 0.015 | 0 | 6.3 | 0 | 0 |
| SHB6 | J4711 | J4878 | 153 | 0.015 | 0 | 0.1 | 0 | 0 |
| SHB5 | J4878 | J4490 | 245 | 0.015 | 0 | 2.7 | 0 | 0 |
| SHB3C | J4601 | J4466 | 47 | 0.015 | 0 | 0 | 0 | 0 |
| SHB2C | J4290 | J4276 | 41 | 0.015 | 0 | 6 | 0 | 0 |
| SHB_12_inch_OF | OF_Restrictor | ND_OF | 100 | 0.015 | 0 | 0 | 0 | 0 |

[XSECTIONS]

| ;;Link | Shape | Geom1 | Geom2 | Geom3 | Geom4 | Barrels |
|--------|----------|-------|-------|-------|-------|---------|
| CL1 | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| CL2 | CIRCULAR | 1.25 | 0 | 0 | 0 | 1 |

BMP's with storage pipe.inp

| | | | | | | |
|----------------|----------|------|---|---|---|---|
| CL3 | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| CL4 | CIRCULAR | 2 | 0 | 0 | 0 | 1 |
| CL5 | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| CL6 | CIRCULAR | 2 | 0 | 0 | 0 | 1 |
| CL7 | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| CL8 | CIRCULAR | 2 | 0 | 0 | 0 | 1 |
| CL9 | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| CL10 | CIRCULAR | 2 | 0 | 0 | 0 | 1 |
| CL11 | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| CL12 | CIRCULAR | 2 | 0 | 0 | 0 | 1 |
| CL13 | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| CL14 | CIRCULAR | 2 | 0 | 0 | 0 | 1 |
| CL16 | CIRCULAR | 2.5 | 0 | 0 | 0 | 1 |
| SHB7 | CIRCULAR | 2.5 | 0 | 0 | 0 | 1 |
| SHB8 | CIRCULAR | 2.5 | 0 | 0 | 0 | 1 |
| SHB9 | CIRCULAR | 2.5 | 0 | 0 | 0 | 1 |
| ND11C | CIRCULAR | 1.25 | 0 | 0 | 0 | 1 |
| ND10 | CIRCULAR | 1.25 | 0 | 0 | 0 | 1 |
| ND10C | CIRCULAR | 1.25 | 0 | 0 | 0 | 1 |
| ND9 | CIRCULAR | 1.5 | 0 | 0 | 0 | 1 |
| ND8 | CIRCULAR | 1.5 | 0 | 0 | 0 | 1 |
| ND8C | CIRCULAR | 1.5 | 0 | 0 | 0 | 1 |
| ND7 | CIRCULAR | 1.5 | 0 | 0 | 0 | 1 |
| ND7C | CIRCULAR | 1.5 | 0 | 0 | 0 | 1 |
| ND6 | CIRCULAR | 1.75 | 0 | 0 | 0 | 1 |
| ND6C | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| ND5 | CIRCULAR | 1.75 | 0 | 0 | 0 | 1 |
| ND5C | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| ND4 | CIRCULAR | 2 | 0 | 0 | 0 | 1 |
| ND4C | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| ND3 | CIRCULAR | 2 | 0 | 0 | 0 | 1 |
| ND3C | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| ND2 | CIRCULAR | 2 | 0 | 0 | 0 | 1 |
| ND2C | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| ND1 | CIRCULAR | 2 | 0 | 0 | 0 | 1 |
| SHB4C3 | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| SHB4C2 | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| SHB4C | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| SHB4 | CIRCULAR | 2.5 | 0 | 0 | 0 | 1 |
| SHB3 | CIRCULAR | 2 | 0 | 0 | 0 | 1 |
| SHB_OF | CIRCULAR | 6 | 0 | 0 | 0 | 1 |
| TD9 | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| TD9C | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| TD8 | CIRCULAR | 1.5 | 0 | 0 | 0 | 1 |
| TD8C | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| TD7 | CIRCULAR | 1.5 | 0 | 0 | 0 | 1 |
| TD6 | CIRCULAR | 1.5 | 0 | 0 | 0 | 1 |
| TD5 | CIRCULAR | 1.5 | 0 | 0 | 0 | 1 |
| TD7C | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| TD6C | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| TD5C | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| TD4 | CIRCULAR | 2 | 0 | 0 | 0 | 1 |
| TD3 | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| TD2 | CIRCULAR | 2 | 0 | 0 | 0 | 1 |
| TD4C | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| TD3C | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| TD2C | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| TD1 | CIRCULAR | 2 | 0 | 0 | 0 | 1 |
| SHB7C | CIRCULAR | 2 | 0 | 0 | 0 | 1 |
| TD1C | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| SHB1C | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| SL5 | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| SL4 | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| SL3 | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| SL2 | CIRCULAR | 1.25 | 0 | 0 | 0 | 1 |
| SL1 | CIRCULAR | 1.25 | 0 | 0 | 0 | 1 |
| SL1C | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| SL2C | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| SL3C | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| SHB1 | CIRCULAR | 1.25 | 0 | 0 | 0 | 1 |
| SML2C | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| SML2 | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| SML1C | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| SML1 | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| ML4 | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| ML3C | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| ML3 | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| ML2 | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| ML1 | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| NML2 | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| NML1 | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| NML2C | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| NML1C | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| ML4C | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| SHB2 | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| SHB5C | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| SHB6 | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| SHB5 | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| SHB3C | CIRCULAR | 2.5 | 0 | 0 | 0 | 1 |
| SHB2C | CIRCULAR | 1 | 0 | 0 | 0 | 1 |
| SHB_12_inch_OF | CIRCULAR | 1 | 0 | 0 | 0 | 1 |

[LOSSES]
;;Link

Inlet outlet Average Flap Gate

```

;;-----
[POLLUTANTS]
;;
;;Name      Mass    Rain    GW      I&I      Decay    Snow    Co-Pollut.    Co-Pollut. DWF
Concen.    Units  Concen.  Concen.  Concen.  Coeff.  Only   Name          Fraction
;;-----
TSS         MG/L   0        0        0        0        NO    *             0.0    0
P           MG/L   0        0        0        0        NO    *             0.0    0
N           MG/L   0        0        0        0        NO    *             0.0    0
    
```

```

[LANDUSES]
;;
;;Name      Cleaning  Fraction  Last
Interval   Available Cleaned
;;-----
;Single Family Residential
5100       0         0         0
;BioRetention
LID        0         0         0
    
```

```

[COVERAGES]
;;Subcatchment  Land Use      Percent
;;-----
S-ND2S         5100          100
S-ND2S         LID           0
S-ND3S         5100          100
S-ND3S         LID           0
S-ND4S         5100          100
S-ND4S         LID           0
S-ND5S         5100          100
S-ND5S         LID           0
S-ND6S         5100          100
S-ND6S         LID           0
S-ND7S         5100          100
S-ND7S         LID           0
S-ND8S         5100          100
S-ND8S         LID           0
S-ND9S         5100          100
S-ND9S         LID           0
S-ND10S        5100          100
S-ND10S        LID           0
S-ND2N         5100          100
S-ND2N         LID           0
S-ND3N         5100          100
S-ND3N         LID           0
S-ND4N         5100          100
S-ND4N         LID           0
S-ND5N         5100          100
S-ND5N         LID           0
S-ND6N         5100          100
S-ND6N         LID           0
S-ND7N         5100          100
S-ND7N         LID           0
S-ND8N         5100          100
S-ND8N         LID           0
S-ND9N         5100          100
S-ND9N         LID           0
S-ND10N        5100          100
S-ND10N        LID           0
S-CL1S         5100          100
S-CL1S         LID           0
S-CL2S         5100          100
S-CL2S         LID           0
S-CL3S         5100          100
S-CL3S         LID           0
S-CL4S         5100          100
S-CL4S         LID           0
S-CL5S         5100          100
S-CL5S         LID           0
S-CL6S         5100          100
S-CL6S         LID           0
S-CL7S         5100          100
S-CL7S         LID           0
S-CL8S         5100          100
S-CL8S         LID           0
S-CL1N         5100          100
S-CL1N         LID           0
S-CL2N         5100          100
S-CL2N         LID           0
S-CL3N         5100          100
S-CL3N         LID           0
S-CL4N         5100          100
S-CL4N         LID           0
S-CL5N         5100          100
S-CL5N         LID           0
S-CL6N         5100          100
S-CL6N         LID           0
S-CL7N         5100          100
S-CL7N         LID           0
    
```


| | | |
|---------|------|-----|
| S-CL8N | 5100 | 100 |
| S-CL8N | LID | 0 |
| S-ND1S | 5100 | 100 |
| S-ND1S | LID | 0 |
| S-ND1N | 5100 | 100 |
| S-ND1N | LID | 0 |
| S-TD1S | 5100 | 100 |
| S-TD1S | LID | 0 |
| S-TD2S | 5100 | 100 |
| S-TD2S | LID | 0 |
| S-TD3S | 5100 | 100 |
| S-TD3S | LID | 0 |
| S-TD4S | 5100 | 100 |
| S-TD4S | LID | 0 |
| S-TD5S | 5100 | 100 |
| S-TD5S | LID | 0 |
| S-TD6S | 5100 | 100 |
| S-TD6S | LID | 0 |
| S-TD7S | 5100 | 100 |
| S-TD7S | LID | 0 |
| S-TD8S | 5100 | 100 |
| S-TD8S | LID | 0 |
| S-TD9S | 5100 | 100 |
| S-TD9S | LID | 0 |
| S-TD1N | 5100 | 100 |
| S-TD1N | LID | 0 |
| S-TD2N | 5100 | 100 |
| S-TD2N | LID | 0 |
| S-TD3N | 5100 | 100 |
| S-TD3N | LID | 0 |
| S-TD4N | 5100 | 100 |
| S-TD4N | LID | 0 |
| S-TD5N | 5100 | 100 |
| S-TD5N | LID | 0 |
| S-TD6N | 5100 | 100 |
| S-TD6N | LID | 0 |
| S-TD7N | 5100 | 100 |
| S-TD7N | LID | 0 |
| S-TD8N | 5100 | 100 |
| S-TD8N | LID | 0 |
| S-TD9N | 5100 | 100 |
| S-TD9N | LID | 0 |
| S-SL4N | 5100 | 100 |
| S-SL4N | LID | 0 |
| S-SL3N | 5100 | 100 |
| S-SL3N | LID | 0 |
| S-SL3S | 5100 | 100 |
| S-SL3S | LID | 0 |
| S-SL2N | 5100 | 100 |
| S-SL2N | LID | 0 |
| S-SL2S | 5100 | 100 |
| S-SL2S | LID | 0 |
| S-SL1 | 5100 | 100 |
| S-SL1 | LID | 0 |
| S-NML3S | 5100 | 100 |
| S-NML3S | LID | 0 |
| S-NML1W | 5100 | 100 |
| S-NML1W | LID | 0 |
| S-NML4S | 5100 | 100 |
| S-NML4S | LID | 0 |
| S-SML3 | 5100 | 100 |
| S-SML3 | LID | 0 |
| S-SML1 | 5100 | 100 |
| S-SML1 | LID | 0 |
| S-SML4N | 5100 | 100 |
| S-SML4N | LID | 0 |
| S-SML5N | 5100 | 100 |
| S-SML5N | LID | 0 |
| S-SML5S | 5100 | 100 |
| S-SML5S | LID | 0 |
| S-SML4S | 5100 | 100 |
| S-SML4S | LID | 0 |
| S-SML2 | 5100 | 100 |
| S-SML2 | LID | 0 |
| S-NML1E | 5100 | 100 |
| S-NML1E | LID | 0 |
| S-NML2 | 5100 | 100 |
| S-NML2 | LID | 0 |
| S-NML3N | 5100 | 100 |
| S-NML3N | LID | 0 |
| S-NML4N | 5100 | 100 |
| S-NML4N | LID | 0 |
| S-SHB5E | 5100 | 100 |
| S-SHB5E | LID | 0 |
| S-SHB4E | 5100 | 100 |
| S-SHB4E | LID | 0 |
| S-SHB4W | 5100 | 100 |
| S-SHB4W | LID | 0 |
| S-SHB5W | 5100 | 100 |
| S-SHB5W | LID | 0 |
| S-SHB6E | 5100 | 100 |
| S-SHB8 | 5100 | 100 |
| S-SHB8 | LID | 0 |
| S-SHB6W | 5100 | 100 |

| | | |
|----------|------|-----|
| S-SHB6W | LID | 0 |
| S-SHB9 | 5100 | 100 |
| S-SHB9 | LID | 0 |
| S-SHB10 | 5100 | 100 |
| S-SHB10 | LID | 0 |
| S-SHB2W | 5100 | 100 |
| S-SHB2W | LID | 0 |
| S-SHB3 | 5100 | 100 |
| S-SHB2E | 5100 | 100 |
| S-SHB2E | LID | 0 |
| S-SHB1E | 5100 | 100 |
| S-SHB1W | 5100 | 100 |
| BS-TD9N | 5100 | 0 |
| BS-TD9N | LID | 100 |
| BS-TD8N | 5100 | 0 |
| BS-TD8N | LID | 100 |
| BS-TD7N | 5100 | 0 |
| BS-TD7N | LID | 100 |
| BS-TD9S | 5100 | 0 |
| BS-TD9S | LID | 100 |
| BS-TD8S | 5100 | 0 |
| BS-TD8S | LID | 100 |
| BS-TD7S | 5100 | 0 |
| BS-TD7S | LID | 100 |
| BS-TD6N | 5100 | 0 |
| BS-TD6N | LID | 100 |
| BS-TD5N | 5100 | 0 |
| BS-TD5N | LID | 100 |
| BS-TD4N | 5100 | 0 |
| BS-TD4N | LID | 100 |
| BS-TD3N | 5100 | 0 |
| BS-TD3N | LID | 100 |
| BS-TD6S | 5100 | 0 |
| BS-TD6S | LID | 100 |
| BS-TD5S | 5100 | 0 |
| BS-TD5S | LID | 100 |
| BS-TD4S | 5100 | 0 |
| BS-TD4S | LID | 100 |
| BS-TD3S | 5100 | 0 |
| BS-TD3S | LID | 100 |
| BS-TD2N | 5100 | 0 |
| BS-TD2N | LID | 100 |
| BS-TD1N | 5100 | 0 |
| BS-TD1N | LID | 100 |
| BS-TD2S | 5100 | 0 |
| BS-TD2S | LID | 100 |
| BS-TD1S | 5100 | 0 |
| BS-TD1S | LID | 100 |
| BS-SL4N | 5100 | 0 |
| BS-SL4N | LID | 100 |
| BS-SL3N | 5100 | 0 |
| BS-SL3N | LID | 100 |
| BS-SL2N | 5100 | 0 |
| BS-SL2N | LID | 100 |
| BS-SL3S | 5100 | 0 |
| BS-SL3S | LID | 100 |
| BS-SL2S | 5100 | 0 |
| BS-SL2S | LID | 100 |
| BS-SL1 | 5100 | 0 |
| BS-SL1 | LID | 100 |
| BS-SHB5W | 5100 | 0 |
| BS-SHB5W | LID | 100 |
| BS-SHB5E | 5100 | 0 |
| BS-SHB5E | LID | 100 |
| BS-NML4N | 5100 | 0 |
| BS-NML4N | LID | 100 |
| BS-NML3N | 5100 | 0 |
| BS-NML3N | LID | 100 |
| BS-NML4S | 5100 | 0 |
| BS-NML4S | LID | 100 |
| BS-NML3S | 5100 | 0 |
| BS-NML3S | LID | 100 |
| BS-NML1W | 5100 | 0 |
| BS-NML1W | LID | 100 |
| BS-SHB9 | 5100 | 0 |
| BS-SHB9 | LID | 100 |
| BS-NML1E | 5100 | 0 |
| BS-NML1E | LID | 100 |
| BS-SML1 | 5100 | 0 |
| BS-SML1 | LID | 100 |
| BS-SML4S | 5100 | 0 |
| BS-SML4S | LID | 100 |
| BS-SML4N | 5100 | 0 |
| BS-SML4N | LID | 100 |
| BS-SML5N | 5100 | 0 |
| BS-SML5N | LID | 100 |
| BS-SML5S | 5100 | 0 |
| BS-SML5S | LID | 100 |
| BS-ND1N | 5100 | 0 |
| BS-ND1N | LID | 100 |
| BS-ND1S | 5100 | 0 |
| BS-ND1S | LID | 100 |
| BS-ND2N | 5100 | 0 |
| BS-ND2N | LID | 100 |

| | | |
|----------|------|-----|
| BS-ND2S | 5100 | 0 |
| BS-ND2S | LID | 100 |
| BS-ND3N | 5100 | 0 |
| BS-ND3N | LID | 100 |
| BS-ND3S | 5100 | 0 |
| BS-ND3S | LID | 100 |
| BS-ND4N | 5100 | 0 |
| BS-ND4N | LID | 100 |
| BS-ND4S | 5100 | 0 |
| BS-ND4S | LID | 100 |
| BS-ND5S | 5100 | 0 |
| BS-ND5S | LID | 100 |
| BS-ND5N | 5100 | 0 |
| BS-ND5N | LID | 100 |
| BS-ND6N | 5100 | 0 |
| BS-ND6N | LID | 100 |
| BS-ND6S | 5100 | 0 |
| BS-ND6S | LID | 100 |
| BS-ND7N | 5100 | 0 |
| BS-ND7N | LID | 100 |
| BS-ND7S | 5100 | 0 |
| BS-ND7S | LID | 100 |
| BS-ND8N | 5100 | 0 |
| BS-ND8N | LID | 100 |
| BS-ND8S | 5100 | 0 |
| BS-ND8S | LID | 100 |
| BS-ND9N | 5100 | 0 |
| BS-ND9N | LID | 100 |
| BS-ND9S | 5100 | 0 |
| BS-ND9S | LID | 100 |
| BS-ND10N | 5100 | 0 |
| BS-ND10N | LID | 100 |
| BS-ND10S | 5100 | 0 |
| BS-ND10S | LID | 100 |
| BS-CL8N | 5100 | 0 |
| BS-CL8N | LID | 100 |
| BS-CL8S | 5100 | 0 |
| BS-CL8S | LID | 100 |
| BS-CL7N | 5100 | 0 |
| BS-CL7N | LID | 100 |
| BS-CL7S | 5100 | 0 |
| BS-CL7S | LID | 100 |
| BS-CL5N | 5100 | 0 |
| BS-CL5N | LID | 100 |
| BS-CL5S | 5100 | 0 |
| BS-CL5S | LID | 100 |
| BS-CL4N | 5100 | 0 |
| BS-CL4N | LID | 100 |
| BS-CL4S | 5100 | 0 |
| BS-CL4S | LID | 100 |
| BS-CL3N | 5100 | 0 |
| BS-CL3N | LID | 100 |
| BS-CL3S | 5100 | 0 |
| BS-CL3S | LID | 100 |
| BS-CL2N | 5100 | 0 |
| BS-CL2N | LID | 100 |
| BS-CL2S | 5100 | 0 |
| BS-CL2S | LID | 100 |
| BS-CL1N | 5100 | 0 |
| BS-CL1N | LID | 100 |
| BS-CL1S | 5100 | 0 |
| BS-CL1S | LID | 100 |
| BS-SHB2E | 5100 | 0 |
| BS-SHB2E | LID | 100 |
| BS-SHB2W | 5100 | 0 |
| BS-SHB2W | LID | 100 |
| BS-SHB6W | 5100 | 0 |
| BS-SHB6W | LID | 100 |
| BS-SHB4W | 5100 | 0 |
| BS-SHB4W | LID | 100 |
| BS-SML3 | 5100 | 0 |
| BS-SML3 | LID | 100 |
| BS-SHB4E | 5100 | 0 |
| BS-SHB4E | LID | 100 |
| BS-SHB10 | 5100 | 0 |
| BS-SHB10 | LID | 100 |

[LOADINGS]

| ;;Subcatchment | Pollutant | Loading |
|----------------|-----------|---------|
| ;;----- | | |
| S-ND2S | TSS | 0 |
| S-ND2S | P | 0 |
| S-ND2S | N | 0 |
| S-ND3S | TSS | 0 |
| S-ND3S | P | 0 |
| S-ND3S | N | 0 |
| S-ND4S | TSS | 0 |
| S-ND4S | P | 0 |
| S-ND4S | N | 0 |
| S-ND5S | TSS | 0 |
| S-ND5S | P | 0 |
| S-ND5S | N | 0 |
| S-ND6S | TSS | 0 |
| S-ND6S | P | 0 |

| | | |
|---------|-----|---|
| S-ND6S | N | 0 |
| S-ND7S | TSS | 0 |
| S-ND7S | P | 0 |
| S-ND7S | N | 0 |
| S-ND8S | TSS | 0 |
| S-ND8S | P | 0 |
| S-ND8S | N | 0 |
| S-ND9S | TSS | 0 |
| S-ND9S | P | 0 |
| S-ND9S | N | 0 |
| S-ND10S | TSS | 0 |
| S-ND10S | P | 0 |
| S-ND10S | N | 0 |
| S-ND2N | TSS | 0 |
| S-ND2N | P | 0 |
| S-ND2N | N | 0 |
| S-ND3N | TSS | 0 |
| S-ND3N | P | 0 |
| S-ND3N | N | 0 |
| S-ND4N | TSS | 0 |
| S-ND4N | P | 0 |
| S-ND4N | N | 0 |
| S-ND5N | TSS | 0 |
| S-ND5N | P | 0 |
| S-ND5N | N | 0 |
| S-ND6N | TSS | 0 |
| S-ND6N | P | 0 |
| S-ND6N | N | 0 |
| S-ND7N | TSS | 0 |
| S-ND7N | P | 0 |
| S-ND7N | N | 0 |
| S-ND8N | TSS | 0 |
| S-ND8N | P | 0 |
| S-ND8N | N | 0 |
| S-ND9N | TSS | 0 |
| S-ND9N | P | 0 |
| S-ND9N | N | 0 |
| S-ND10N | TSS | 0 |
| S-ND10N | P | 0 |
| S-ND10N | N | 0 |
| S-CL1S | TSS | 0 |
| S-CL1S | P | 0 |
| S-CL1S | N | 0 |
| S-CL2S | TSS | 0 |
| S-CL2S | P | 0 |
| S-CL2S | N | 0 |
| S-CL3S | TSS | 0 |
| S-CL3S | P | 0 |
| S-CL3S | N | 0 |
| S-CL4S | TSS | 0 |
| S-CL4S | P | 0 |
| S-CL4S | N | 0 |
| S-CL5S | TSS | 0 |
| S-CL5S | P | 0 |
| S-CL5S | N | 0 |
| S-CL6S | TSS | 0 |
| S-CL6S | P | 0 |
| S-CL6S | N | 0 |
| S-CL7S | TSS | 0 |
| S-CL7S | P | 0 |
| S-CL7S | N | 0 |
| S-CL8S | TSS | 0 |
| S-CL8S | P | 0 |
| S-CL8S | N | 0 |
| S-CL1N | TSS | 0 |
| S-CL1N | P | 0 |
| S-CL1N | N | 0 |
| S-CL2N | TSS | 0 |
| S-CL2N | P | 0 |
| S-CL2N | N | 0 |
| S-CL3N | TSS | 0 |
| S-CL3N | P | 0 |
| S-CL3N | N | 0 |
| S-CL4N | TSS | 0 |
| S-CL4N | P | 0 |
| S-CL4N | N | 0 |
| S-CL5N | TSS | 0 |
| S-CL5N | P | 0 |
| S-CL5N | N | 0 |
| S-CL6N | TSS | 0 |
| S-CL6N | P | 0 |
| S-CL6N | N | 0 |
| S-CL7N | TSS | 0 |
| S-CL7N | P | 0 |
| S-CL7N | N | 0 |
| S-CL8N | TSS | 0 |
| S-CL8N | P | 0 |
| S-CL8N | N | 0 |
| S-ND1S | TSS | 0 |
| S-ND1S | P | 0 |
| S-ND1S | N | 0 |
| S-ND1N | TSS | 0 |
| S-ND1N | P | 0 |
| S-ND1N | N | 0 |

| | | |
|---------|-----|---|
| S-TD1S | TSS | 0 |
| S-TD1S | P | 0 |
| S-TD1S | N | 0 |
| S-TD2S | TSS | 0 |
| S-TD2S | P | 0 |
| S-TD2S | N | 0 |
| S-TD3S | TSS | 0 |
| S-TD3S | P | 0 |
| S-TD3S | N | 0 |
| S-TD4S | TSS | 0 |
| S-TD4S | P | 0 |
| S-TD4S | N | 0 |
| S-TD5S | TSS | 0 |
| S-TD5S | P | 0 |
| S-TD5S | N | 0 |
| S-TD6S | TSS | 0 |
| S-TD6S | P | 0 |
| S-TD6S | N | 0 |
| S-TD7S | TSS | 0 |
| S-TD7S | P | 0 |
| S-TD7S | N | 0 |
| S-TD8S | TSS | 0 |
| S-TD8S | P | 0 |
| S-TD8S | N | 0 |
| S-TD9S | TSS | 0 |
| S-TD9S | P | 0 |
| S-TD9S | N | 0 |
| S-TD1N | TSS | 0 |
| S-TD1N | P | 0 |
| S-TD1N | N | 0 |
| S-TD2N | TSS | 0 |
| S-TD2N | P | 0 |
| S-TD2N | N | 0 |
| S-TD3N | TSS | 0 |
| S-TD3N | P | 0 |
| S-TD3N | N | 0 |
| S-TD4N | TSS | 0 |
| S-TD4N | P | 0 |
| S-TD4N | N | 0 |
| S-TD5N | TSS | 0 |
| S-TD5N | P | 0 |
| S-TD5N | N | 0 |
| S-TD6N | TSS | 0 |
| S-TD6N | P | 0 |
| S-TD6N | N | 0 |
| S-TD7N | TSS | 0 |
| S-TD7N | P | 0 |
| S-TD7N | N | 0 |
| S-TD8N | TSS | 0 |
| S-TD8N | P | 0 |
| S-TD8N | N | 0 |
| S-TD9N | TSS | 0 |
| S-TD9N | P | 0 |
| S-TD9N | N | 0 |
| S-SL4N | TSS | 0 |
| S-SL4N | P | 0 |
| S-SL4N | N | 0 |
| S-SL3N | TSS | 0 |
| S-SL3N | P | 0 |
| S-SL3N | N | 0 |
| S-SL3S | TSS | 0 |
| S-SL3S | P | 0 |
| S-SL3S | N | 0 |
| S-SL2N | TSS | 0 |
| S-SL2N | P | 0 |
| S-SL2N | N | 0 |
| S-SL2S | TSS | 0 |
| S-SL2S | P | 0 |
| S-SL2S | N | 0 |
| S-SL1 | TSS | 0 |
| S-SL1 | P | 0 |
| S-SL1 | N | 0 |
| S-NML3S | TSS | 0 |
| S-NML3S | P | 0 |
| S-NML3S | N | 0 |
| S-NML1W | TSS | 0 |
| S-NML1W | P | 0 |
| S-NML1W | N | 0 |
| S-NML4S | TSS | 0 |
| S-NML4S | P | 0 |
| S-NML4S | N | 0 |
| S-SML3 | TSS | 0 |
| S-SML3 | P | 0 |
| S-SML3 | N | 0 |
| S-SML1 | TSS | 0 |
| S-SML1 | P | 0 |
| S-SML1 | N | 0 |
| S-SML4N | TSS | 0 |
| S-SML4N | P | 0 |
| S-SML4N | N | 0 |
| S-SML5N | TSS | 0 |
| S-SML5N | P | 0 |
| S-SML5N | N | 0 |
| S-SML5S | TSS | 0 |

| | | |
|---------|-----|---|
| S-SML5S | P | 0 |
| S-SML5S | N | 0 |
| S-SML4S | TSS | 0 |
| S-SML4S | P | 0 |
| S-SML4S | N | 0 |
| S-SML2 | TSS | 0 |
| S-SML2 | P | 0 |
| S-SML2 | N | 0 |
| S-NML1E | TSS | 0 |
| S-NML1E | P | 0 |
| S-NML1E | N | 0 |
| S-NML2 | TSS | 0 |
| S-NML2 | P | 0 |
| S-NML2 | N | 0 |
| S-NML3N | TSS | 0 |
| S-NML3N | P | 0 |
| S-NML3N | N | 0 |
| S-NML4N | TSS | 0 |
| S-NML4N | P | 0 |
| S-NML4N | N | 0 |
| S-SHB5E | TSS | 0 |
| S-SHB5E | P | 0 |
| S-SHB5E | N | 0 |
| S-SHB4E | TSS | 0 |
| S-SHB4E | P | 0 |
| S-SHB4E | N | 0 |
| S-SHB4W | TSS | 0 |
| S-SHB4W | P | 0 |
| S-SHB4W | N | 0 |
| S-SHB5W | TSS | 0 |
| S-SHB5W | P | 0 |
| S-SHB5W | N | 0 |
| S-SHB6E | TSS | 0 |
| S-SHB6E | P | 0 |
| S-SHB6E | N | 0 |
| S-SHB8 | TSS | 0 |
| S-SHB8 | P | 0 |
| S-SHB8 | N | 0 |
| S-SHB6W | TSS | 0 |
| S-SHB6W | P | 0 |
| S-SHB6W | N | 0 |
| S-SHB9 | TSS | 0 |
| S-SHB9 | P | 0 |
| S-SHB9 | N | 0 |
| S-SHB10 | TSS | 0 |
| S-SHB10 | P | 0 |
| S-SHB10 | N | 0 |
| S-SHB2W | TSS | 0 |
| S-SHB2W | P | 0 |
| S-SHB2W | N | 0 |
| S-SHB3 | TSS | 0 |
| S-SHB3 | P | 0 |
| S-SHB3 | N | 0 |
| S-SHB2E | TSS | 0 |
| S-SHB2E | P | 0 |
| S-SHB2E | N | 0 |
| S-SHB1E | TSS | 0 |
| S-SHB1E | P | 0 |
| S-SHB1E | N | 0 |
| S-SHB1W | TSS | 0 |
| S-SHB1W | P | 0 |
| S-SHB1W | N | 0 |
| BS-TD9N | TSS | 0 |
| BS-TD9N | P | 0 |
| BS-TD9N | N | 0 |
| BS-TD8N | TSS | 0 |
| BS-TD8N | P | 0 |
| BS-TD8N | N | 0 |
| BS-TD7N | TSS | 0 |
| BS-TD7N | P | 0 |
| BS-TD7N | N | 0 |
| BS-TD9S | TSS | 0 |
| BS-TD9S | P | 0 |
| BS-TD9S | N | 0 |
| BS-TD8S | TSS | 0 |
| BS-TD8S | P | 0 |
| BS-TD8S | N | 0 |
| BS-TD7S | TSS | 0 |
| BS-TD7S | P | 0 |
| BS-TD7S | N | 0 |
| BS-TD6N | TSS | 0 |
| BS-TD6N | P | 0 |
| BS-TD6N | N | 0 |
| BS-TD5N | TSS | 0 |
| BS-TD5N | P | 0 |
| BS-TD5N | N | 0 |
| BS-TD4N | TSS | 0 |
| BS-TD4N | P | 0 |
| BS-TD4N | N | 0 |
| BS-TD3N | TSS | 0 |
| BS-TD3N | P | 0 |
| BS-TD3N | N | 0 |
| BS-TD6S | TSS | 0 |
| BS-TD6S | P | 0 |

| | | |
|----------|-----|---|
| BS-TD6S | N | 0 |
| BS-TD5S | TSS | 0 |
| BS-TD5S | P | 0 |
| BS-TD5S | N | 0 |
| BS-TD4S | TSS | 0 |
| BS-TD4S | P | 0 |
| BS-TD4S | N | 0 |
| BS-TD3S | TSS | 0 |
| BS-TD3S | P | 0 |
| BS-TD3S | N | 0 |
| BS-TD2N | TSS | 0 |
| BS-TD2N | P | 0 |
| BS-TD2N | N | 0 |
| BS-TD1N | TSS | 0 |
| BS-TD1N | P | 0 |
| BS-TD1N | N | 0 |
| BS-TD2S | TSS | 0 |
| BS-TD2S | P | 0 |
| BS-TD2S | N | 0 |
| BS-TD1S | TSS | 0 |
| BS-TD1S | P | 0 |
| BS-TD1S | N | 0 |
| BS-SL4N | TSS | 0 |
| BS-SL4N | P | 0 |
| BS-SL4N | N | 0 |
| BS-SL3N | TSS | 0 |
| BS-SL3N | P | 0 |
| BS-SL3N | N | 0 |
| BS-SL2N | TSS | 0 |
| BS-SL2N | P | 0 |
| BS-SL2N | N | 0 |
| BS-SL3S | TSS | 0 |
| BS-SL3S | P | 0 |
| BS-SL3S | N | 0 |
| BS-SL2S | TSS | 0 |
| BS-SL2S | P | 0 |
| BS-SL2S | N | 0 |
| BS-SL1 | TSS | 0 |
| BS-SL1 | P | 0 |
| BS-SL1 | N | 0 |
| BS-SHB5W | TSS | 0 |
| BS-SHB5W | P | 0 |
| BS-SHB5W | N | 0 |
| BS-SHB5E | TSS | 0 |
| BS-SHB5E | P | 0 |
| BS-SHB5E | N | 0 |
| BS-NML4N | TSS | 0 |
| BS-NML4N | P | 0 |
| BS-NML4N | N | 0 |
| BS-NML3N | TSS | 0 |
| BS-NML3N | P | 0 |
| BS-NML3N | N | 0 |
| BS-NML4S | TSS | 0 |
| BS-NML4S | P | 0 |
| BS-NML4S | N | 0 |
| BS-NML3S | TSS | 0 |
| BS-NML3S | P | 0 |
| BS-NML3S | N | 0 |
| BS-NML1W | TSS | 0 |
| BS-NML1W | P | 0 |
| BS-NML1W | N | 0 |
| BS-SHB9 | TSS | 0 |
| BS-SHB9 | P | 0 |
| BS-SHB9 | N | 0 |
| BS-NML1E | TSS | 0 |
| BS-NML1E | P | 0 |
| BS-NML1E | N | 0 |
| BS-SML1 | TSS | 0 |
| BS-SML1 | P | 0 |
| BS-SML1 | N | 0 |
| BS-SML4S | TSS | 0 |
| BS-SML4S | P | 0 |
| BS-SML4S | N | 0 |
| BS-SML4N | TSS | 0 |
| BS-SML4N | P | 0 |
| BS-SML4N | N | 0 |
| BS-SML5N | TSS | 0 |
| BS-SML5N | P | 0 |
| BS-SML5N | N | 0 |
| BS-SML5S | TSS | 0 |
| BS-SML5S | P | 0 |
| BS-SML5S | N | 0 |
| BS-ND1N | TSS | 0 |
| BS-ND1N | P | 0 |
| BS-ND1N | N | 0 |
| BS-ND1S | TSS | 0 |
| BS-ND1S | P | 0 |
| BS-ND1S | N | 0 |
| BS-ND2N | TSS | 0 |
| BS-ND2N | P | 0 |
| BS-ND2N | N | 0 |
| BS-ND2S | TSS | 0 |
| BS-ND2S | P | 0 |
| BS-ND2S | N | 0 |

| | | |
|----------|-----|---|
| BS-ND3N | TSS | 0 |
| BS-ND3N | P | 0 |
| BS-ND3N | N | 0 |
| BS-ND3S | TSS | 0 |
| BS-ND3S | P | 0 |
| BS-ND3S | N | 0 |
| BS-ND4N | TSS | 0 |
| BS-ND4N | P | 0 |
| BS-ND4N | N | 0 |
| BS-ND4S | TSS | 0 |
| BS-ND4S | P | 0 |
| BS-ND4S | N | 0 |
| BS-ND5S | TSS | 0 |
| BS-ND5S | P | 0 |
| BS-ND5S | N | 0 |
| BS-ND5N | TSS | 0 |
| BS-ND5N | P | 0 |
| BS-ND5N | N | 0 |
| BS-ND6N | TSS | 0 |
| BS-ND6N | P | 0 |
| BS-ND6N | N | 0 |
| BS-ND6S | TSS | 0 |
| BS-ND6S | P | 0 |
| BS-ND6S | N | 0 |
| BS-ND7N | TSS | 0 |
| BS-ND7N | P | 0 |
| BS-ND7N | N | 0 |
| BS-ND7S | TSS | 0 |
| BS-ND7S | P | 0 |
| BS-ND7S | N | 0 |
| BS-ND8N | TSS | 0 |
| BS-ND8N | P | 0 |
| BS-ND8N | N | 0 |
| BS-ND8S | TSS | 0 |
| BS-ND8S | P | 0 |
| BS-ND8S | N | 0 |
| BS-ND9N | TSS | 0 |
| BS-ND9N | P | 0 |
| BS-ND9N | N | 0 |
| BS-ND9S | TSS | 0 |
| BS-ND9S | P | 0 |
| BS-ND9S | N | 0 |
| BS-ND10N | TSS | 0 |
| BS-ND10N | P | 0 |
| BS-ND10N | N | 0 |
| BS-ND10S | TSS | 0 |
| BS-ND10S | P | 0 |
| BS-ND10S | N | 0 |
| BS-CL8N | TSS | 0 |
| BS-CL8N | P | 0 |
| BS-CL8N | N | 0 |
| BS-CL8S | TSS | 0 |
| BS-CL8S | P | 0 |
| BS-CL8S | N | 0 |
| BS-CL7N | TSS | 0 |
| BS-CL7N | P | 0 |
| BS-CL7N | N | 0 |
| BS-CL7S | TSS | 0 |
| BS-CL7S | P | 0 |
| BS-CL7S | N | 0 |
| BS-CL5N | TSS | 0 |
| BS-CL5N | P | 0 |
| BS-CL5N | N | 0 |
| BS-CL5S | TSS | 0 |
| BS-CL5S | P | 0 |
| BS-CL5S | N | 0 |
| BS-CL4N | TSS | 0 |
| BS-CL4N | P | 0 |
| BS-CL4N | N | 0 |
| BS-CL4S | TSS | 0 |
| BS-CL4S | P | 0 |
| BS-CL4S | N | 0 |
| BS-CL3N | TSS | 0 |
| BS-CL3N | P | 0 |
| BS-CL3N | N | 0 |
| BS-CL3S | TSS | 0 |
| BS-CL3S | P | 0 |
| BS-CL3S | N | 0 |
| BS-CL2N | TSS | 0 |
| BS-CL2N | P | 0 |
| BS-CL2N | N | 0 |
| BS-CL2S | TSS | 0 |
| BS-CL2S | P | 0 |
| BS-CL2S | N | 0 |
| BS-CL1N | TSS | 0 |
| BS-CL1N | P | 0 |
| BS-CL1N | N | 0 |
| BS-CL1S | TSS | 0 |
| BS-CL1S | P | 0 |
| BS-CL1S | N | 0 |
| BS-SHB2E | TSS | 0 |
| BS-SHB2E | P | 0 |
| BS-SHB2E | N | 0 |
| BS-SHB2W | TSS | 0 |

BMP's with storage pipe.inp

```

BS-SHB2W      P      0
BS-SHB2W      N      0
BS-SHB6W      TSS    0
BS-SHB6W      P      0
BS-SHB6W      N      0
BS-SHB4W      TSS    0
BS-SHB4W      P      0
BS-SHB4W      N      0
BS-SML3       TSS    0
BS-SML3       P      0
BS-SML3       N      0
BS-SHB4E      TSS    0
BS-SHB4E      P      0
BS-SHB4E      N      0
BS-SHB10     TSS    0
BS-SHB10     P      0
BS-SHB10     N      0
    
```

[BUILDUP]

| ;;Landuse | Pollutant | Function | Coeff1 | Coeff2 | Coeff3 | Normalizer |
|-----------|-----------|----------|--------|--------|--------|------------|
| 5100 | TSS | NONE | 0 | 0 | 0.0 | AREA |
| 5100 | P | NONE | 0.0 | 0.0 | 0.0 | AREA |
| 5100 | N | NONE | 0.0 | 0.0 | 0.0 | AREA |
| LID | TSS | NONE | 0.0 | 0.0 | 0.0 | AREA |
| LID | P | NONE | 0.0 | 0.0 | 0.0 | AREA |
| LID | N | NONE | 0.0 | 0.0 | 0.0 | AREA |

[WASHOFF]

| ;;Land Use | Pollutant | Function | Coeff1 | Coeff2 | Cleaning Effic. | BMP Effic. |
|------------|-----------|----------|--------|--------|-----------------|------------|
| 5100 | TSS | EMC | 100 | 0 | 0.0 | 0.0 |
| 5100 | P | EMC | 0.26 | 0.0 | 0.0 | 0.0 |
| 5100 | N | EMC | 1.86 | 0.0 | 0.0 | 0.0 |
| LID | TSS | EMC | 0.0 | 0.0 | 0.0 | 70 |
| LID | P | EMC | 0.0 | 0.0 | 0.0 | 40 |
| LID | N | EMC | 0.0 | 0.0 | 0.0 | 25 |

[REPORT]

```

INPUT      YES
CONTROLS   NO
SUBCATCHMENTS ALL
NODES ALL
LINKS ALL
    
```