

## BRUSH CREEK SEWAGE TREATMENT PLANT

## Flow History

\*\* Flow is in millions of gallons multiply x 1,000,000

Brush Creek Capacity 4.5 mg

Marshall Allocation .750 mg

Purchased Water (West View)

Annual allocation 4.087 MGD

| 2019            | JAN.   | FEB.   | MARCH   | APRIL  | MAY     | JUNE | JULY | AUG. | SEPT. | OCT. | NOV. | DEC. | TO DATE |
|-----------------|--------|--------|---------|--------|---------|------|------|------|-------|------|------|------|---------|
| B.C.T.P. FLOW   | 129.22 | 134.4  | 117.101 | 113.96 | 122.534 |      |      |      |       |      |      |      | 617.215 |
| DAILY AVG.      | 4.1680 | 4.8000 | 3.7770  | 3.7990 | 3.9530  |      |      |      |       |      |      |      | 4.0994  |
| MARSHALL FLOW   | 28.48  | 26.975 | 21.813  | 11.007 | 27.367  |      |      |      |       |      |      |      | 115.642 |
| DAILY AVG.      | 0.9187 | 0.9634 | 0.7036  | 0.7338 | 0.8552  |      |      |      |       |      |      |      | 0.8349  |
| NEW SEWICKLEY   | 0.260  | 0.222  | 0.216   | 0.218  | 0.167   |      |      |      |       |      |      |      | 1.083   |
| DAILY AVG.      | 0.0084 | 0.0079 | 0.0069  | 0.0072 | 0.0079  |      |      |      |       |      |      |      | 0.0077  |
| RAIN FALL       | 3.33   | 3.28   | 2.4     | 4.6    | 8.09    |      |      |      |       |      |      |      | 21.7    |
| PURCHASED WATER | 2.259  | 2.343  | 2.251   | 2.344  | 2.53    |      |      |      |       |      |      |      | 2.3454  |

2

| 2018            | JAN.    | FEB.    | MARCH   | APRIL   | MAY    | JUNE    | JULY   | AUG.    | SEPT.  | OCT.     | NOV.    | DEC.   | TO DATE   |
|-----------------|---------|---------|---------|---------|--------|---------|--------|---------|--------|----------|---------|--------|-----------|
| B.C.T.P. FLOW   | 144.015 | 157.078 | 122.943 | 131.056 | 97.731 | 94.6315 | 102.84 | 101.042 | 144.31 | 128.1680 | 167.085 | 138.39 | 1529.2895 |
| DAILY AVG.      | 4.8070  | 5.6100  | 3.9660  | 4.3685  | 3.1526 | 3.1544  | 3.3170 | 3.2590  | 4.8100 | 4.1340   | 5.5670  | 4.4380 | 4.2153    |
| MARSHALL FLOW   | 31.786  | 33.586  | 25.568  | 32.914  | 27.23  | 24.502  | 23.164 | 25.129  | 26.65  | 26.516   | 28.73   | 27.265 | 333.04    |
| DAILY AVG.      | 1.0254  | 1.1995  | 0.8247  | 1.0971  | 0.8784 | 0.8167  | 0.7472 | 0.8106  | 0.8883 | 0.8554   | 0.9577  | 0.8795 | 0.9150    |
| NEW SEWICKLEY   | 0.272   | 0.256   | 0.174   | 0.248   | 0.261  | 0.265   | 0.273  | 0.323   | 0.219  | 0.291    | 0.249   | 0.260  | 3.091     |
| DAILY AVG.      | 0.0088  | 0.0091  | 0.0056  | 0.0083  | 0.0084 | 0.0088  | 0.0088 | 0.0104  | 0.0073 | 0.0094   | 0.0083  | 0.0084 | 0.0085    |
| RAIN FALL       | 4.55    | 6.71    | 3.56    | 4.45    | 4.26   | 3.83    | 4.08   | 3.89    | 10.02  | 3.51     | 4.98    | 3.7    | 57.53     |
| PURCHASED WATER | 2.378   | 2.15    | 2.232   | 2.226   | 2.515  | 2.67    | 2.952  | 2.764   | 2.474  | 3.221    | 2.167   | 2.201  | 2.4958    |

2

| 2017          | JAN.    | FEB.    | MARCH   | APRIL   | MAY     | JUNE    | JULY    | AUG.   | SEPT.  | OCT.    | NOV.    | DEC.   | TO DATE  |
|---------------|---------|---------|---------|---------|---------|---------|---------|--------|--------|---------|---------|--------|----------|
| B.C.T.P. FLOW | 139.977 | 102.853 | 133.431 | 119.332 | 126.492 | 100.598 | 122.186 | 93.375 | 85.039 | 94.5350 | 131.249 | 100.73 | 1349.797 |
| DAILY AVG.    | 4.5150  | 3.6730  | 4.3040  | 3.9780  | 4.0800  | 3.3530  | 3.9410  | 3.0120 | 2.8350 | 3.0500  | 4.3750  | 3.2490 | 3.6971   |
| MARSHALL FLOW | 22.001  | 20.282  | 22.023  | 21.386  | 23.325  | 19.701  | 19.11   | 25.086 | 19.899 | 21.239  | 31.409  | 21.068 | 266.529  |
| DAILY AVG.    | 0.7097  | 0.7244  | 0.7104  | 0.7129  | 0.7524  | 0.6567  | 0.6165  | 0.8092 | 0.6633 | 0.6851  | 1.0460  | 0.6796 | 0.7305   |
| NEW SEWICKLEY | 0.308   | 0.321   | 0.308   | 0.331   | 0.372   | 0.346   | 0.354   | 0.354  | 0.280  | 0.268   | 0.304   | 0.259  | 3.805    |
| DAILY AVG.    | 0.0099  | 0.0115  | 0.0099  | 0.0110  | 0.0120  | 0.0115  | 0.0114  | 0.0114 | 0.0093 | 0.0086  | 0.0101  | 0.0084 | 0.0104   |
| RAIN FALL     | 4.28    | 2.26    | 5.02    | 4.11    | 6.52    | 4.27    | 5.3     | 1.5    | 2.04   | 4.16    | 6.8     | 1.9    | 48.19    |

| 2016          | JAN.   | FEB.    | MARCH   | APRIL   | MAY     | JUNE    | JULY   | AUG.   | SEPT.  | OCT.     | NOV.   | DEC.    | TO DATE  |
|---------------|--------|---------|---------|---------|---------|---------|--------|--------|--------|----------|--------|---------|----------|
| B.C.T.P. FLOW | 99.045 | 110.397 | 119.769 | 104.253 | 103.239 | 103.307 | 88.574 | 92.153 | 93.915 | 106.5810 | 88.486 | 120.854 | 1230.573 |
| DAILY AVG.    | 3.1950 | 3.8070  | 3.8640  | 3.4750  | 3.3000  | 3.4440  | 2.8570 | 2.9730 | 3.1310 | 3.4380   | 2.9500 | 3.8990  | 3.3611   |
| MARSHALL FLOW | 16.128 | 15.851  | 19.516  | 20.088  | 20.049  | 22.656  | 19.335 | 20.409 | 19.396 | 23.74    | 17.972 | 20.346  | 235.486  |
| DAILY AVG.    | 0.5202 | 0.5466  | 0.6295  | 0.6480  | 0.6467  | 0.7552  | 0.6237 | 0.6583 | 0.6465 | 0.7658   | 0.5991 | 0.6563  | 0.6413   |
| NEW SEWICKLEY | 0.343  | 0.320   | 0.351   | 0.303   | 0.310   | 0.399   | 0.372  | 0.422  | 0.407  | 0.344    | 0.363  | 0.326   | 4.26     |
| DAILY AVG.    | 0.0111 | .0.0110 | 0.0113  | 0.0097  | 0.0100  | 0.0133  | 0.0120 | 0.0136 | 0.0136 | 0.0111   | 0.0121 | 0.0105  | 0.0117   |
| RAIN FALL     | 2.13   | 3.12    | 3.02    | 3.24    | 3.5     | 3.18    | 4.09   | 4.21   | 4.71   | 4.92     | 1.15   | 3.7     | 40.95    |

| 2015          | JAN.   | FEB.   | MARCH   | APRIL   | MAY    | JUNE    | JULY    | AUG.   | SEPT.  | OCT.     | NOV.   | DEC.    | TO DATE  |
|---------------|--------|--------|---------|---------|--------|---------|---------|--------|--------|----------|--------|---------|----------|
| B.C.T.P. FLOW | 91.841 | 85.395 | 133.324 | 121.297 | 87.954 | 125.453 | 111.234 | 86.842 | 90.311 | 100.8760 | 92.591 | 107.477 | 1234.595 |
| DAILY AVG.    | 2.9630 | 3.0500 | 4.3010  | 4.0430  | 2.8370 | 4.1280  | 3.5880  | 2.8010 | 3.0100 | 3.2540   | 3.0860 | 3.4670  | 3.3773   |
| MARSHALL FLOW | 17.24  | 15.765 | 20.789  | 19.378  | 14.773 | 23.182  | 23.277  | 19.623 | 18.212 | 17.019   | 12.283 | 18.478  | 220.019  |
| DAILY AVG.    | 0.5561 | 0.5630 | 0.6706  | 0.6459  | 0.4579 | 0.7727  | 0.7509  | 0.6330 | 0.6070 | 0.5490   | 0.4094 | 0.5961  | 0.6010   |
| NEW SEWICKLEY | 0.536  | 0.536  | 0.507   | 0.493   | 0.432  | 0.547   | 0.390   | 0.382  | 0.441  | 0.371    | 0.320  | 0.392   | 5.347    |
| DAILY AVG.    | 0.0170 | 0.0191 | 0.0163  | 0.0164  | 0.0139 | 0.0182  | 0.0126  | 0.0123 | 0.0147 | 0.0119   | 0.0107 | 0.0126  | 0.015    |
| RAIN FALL     | 2.63   | 2.83   | 3.83    | 5.02    | 1.74   | 9.52    | 5.85    | 3.12   | 5.04   | 3.87     | 1.96   | 2.7     | 48.12    |

| 2014          | JAN.    | FEB.   | MARCH  | APRIL   | MAY     | JUNE    | JULY   | AUG.   | SEPT.  | OCT.    | NOV.   | DEC.   | TO DATE  |
|---------------|---------|--------|--------|---------|---------|---------|--------|--------|--------|---------|--------|--------|----------|
| B.C.T.P. FLOW | 108.725 | 97.295 | 99.328 | 102.289 | 116.694 | 110.456 | 93.469 | 98.858 | 87.264 | 83.0700 | 81.786 | 96.104 | 1175.338 |
| DAILY AVG.    | 3.5070  | 3.4750 | 3.2040 | 3.4100  | 3.7640  | 3.6820  | 3.0150 | 3.1890 | 2.9090 | 2.6800  | 2.7260 | 3.1000 | 3.2218   |
| MARSHALL FLOW | 17.813  | 14.919 | 13.973 | 15.454  | 17.082  | 15.217  | 10.759 | 15.849 | 15.378 | 14.886  | 13.111 | 19.341 | 183.782  |
| DAILY AVG.    | 0.5746  | 0.5328 | 0.4507 | 0.5151  | 0.5510  | 0.5072  | 0.3470 | 0.5112 | 0.5126 | 0.4802  | 0.4370 | 0.6230 | 0.5035   |
| NEW SEWICKLEY | 0.271   | 0.157  | 0.143  | 0.180   | 0.204   | 0.204   | 0.207  | 0.249  | 0.217  | 0.207   | 0.180  | 0.497  | 2.716    |
| DAILY AVG.    | 0.0087  | 0.0050 | 0.0046 | 0.0060  | 0.0065  | 0.0068  | 0.0066 | 0.0080 | 0.0072 | 0.0066  | 0.0060 | 0.0160 | 0.007    |
| RAIN FALL     | 2.14    | 2.43   | 2.09   | 3.97    | 4.73    | 5.97    | 3.7    | 4.61   | 0.72   | 2.39    | 1.89   | 2.4    | 37.08    |

| 2013          | JAN.   | FEB.   | MARCH  | APRIL   | MAY    | JUNE   | JULY    | AUG.   | SEPT.  | OCT.    | NOV.   | DEC.    | TO DATE  |
|---------------|--------|--------|--------|---------|--------|--------|---------|--------|--------|---------|--------|---------|----------|
| B.C.T.P. FLOW | 117.89 | 100.72 | 121.79 | 107.878 | 85.828 | 99.707 | 112.873 | 97.309 | 86.469 | 88.8770 | 94.405 | 126.163 | 1239.909 |
| DAILY AVG.    | 3.8030 | 3.5970 | 3.9290 | 3.5960  | 2.7680 | 3.3240 | 3.6410  | 3.1390 | 2.8820 | 2.8670  | 3.1470 | 4.0700  | 3.3969   |
| MARSHALL FLOW | 18.036 | 15.151 | 15.633 | 17.61   | 14.636 | 15.481 | 17.348  | 16.216 | 15.281 | 13.933  | 15.534 | 15.844  | 190.703  |
| DAILY AVG.    | 0.6012 | 0.5410 | 0.5042 | 0.5870  | 0.4721 | 0.5160 | 0.5596  | 0.5231 | 0.5093 | 0.4494  | 0.5178 | 0.5111  | 0.5243   |
| NEW SEWICKLEY | 0.239  | 0.192  | 0.179  | 0.231   | 0.217  | 0.219  | 0.335   | 0.332  | 0.332  | 0.309   | 0.321  | 0.221   | 3.127    |
| DAILY AVG.    | 0.0070 | 0.0068 | 0.0057 | 0.0077  | 0.0070 | 0.0073 | 0.0108  | 0.0107 | 0.0110 | 0.0090  | 0.0103 | 0.0071  | 0.008    |
| RAIN FALL     | 2.13   | 2.18   | 2.29   | 3.32    | 2.09   | 7.67   | 6.72    | 4.91   | 2.09   | 2.85    | 2.91   | 4.1     | 43.3     |

| 2012          | JAN.    | FEB.   | MARCH   | APRIL  | MAY    | JUNE   | JULY   | AUG.   | SEPT.  | OCT.     | NOV.   | DEC.   | TO DATE  |
|---------------|---------|--------|---------|--------|--------|--------|--------|--------|--------|----------|--------|--------|----------|
| B.C.T.P. FLOW | 124.912 | 94.844 | 110.651 | 82.712 | 96.149 | 81.001 | 94.602 | 85.296 | 87.169 | 100.8660 | 94.386 | 124.86 | 1177.448 |
| DAILY AVG.    | 4.0290  | 3.2700 | 3.5690  | 2.7570 | 3.1020 | 2.7000 | 3.0520 | 2.7510 | 2.9060 | 3.2540   | 3.1460 | 4.0160 | 3.2127   |
| MARSHALL FLOW | 11.554  | 18.338 | 14.975  | 14.12  | 16.681 | 16.887 | 18.556 | 18.492 | 15.822 | 16.913   | 17.166 | 16.92  | 196.424  |
| DAILY AVG.    | 0.3720  | 0.5090 | 0.4830  | 0.4706 | 0.5380 | 0.5629 | 0.5980 | 0.5965 | 0.5274 | 0.5455   | 0.5722 | 0.5458 | 0.5267   |
| NEW SEWICKLEY | 0.280   | 0.343  | 0.260   | 0.302  | 0.301  | 0.282  | 0.297  | 0.274  | 0.255  | 0.264    | 0.250  | 0.224  | 3.332    |
| DAILY AVG.    | 0.0090  | 0.0110 | 0.0072  | 0.0100 | 0.0090 | 0.0094 | 0.0095 | 0.0080 | 0.0085 | 0.0085   | 0.0083 | 0.0072 | 0.009    |
| RAIN FALL     | 3.43    | 2.26   | 2.97    | 1.79   | 4.73   | 1.88   | 4.26   | 1.28   | 4.51   | 4.57     | 0.76   | 6.0    | 38.44    |

| 2011          | JAN.   | FEB.    | MARCH   | APRIL   | MAY    | JUNE   | JULY   | AUG.   | SEPT.  | OCT.     | NOV.    | DEC.    | TO DATE  |
|---------------|--------|---------|---------|---------|--------|--------|--------|--------|--------|----------|---------|---------|----------|
| B.C.T.P. FLOW | 97.084 | 128.773 | 144.617 | 141.522 | 125.02 | 80.602 | 90.087 | 92.746 | 92.8   | 105.8220 | 112.282 | 117.07  | 1328.425 |
| DAILY AVG.    | 3.1317 | 4.5990  | 4.6651  | 4.7170  | 4.0330 | 2.6867 | 2.9060 | 2.9920 | 3.0950 | 3.4140   | 3.7427  | 3.7760  | 3.647    |
| MARSHALL FLOW | 11.554 | 17.473  | 18.740  | 15.69   | 12.451 | 12.72  | 14.119 | 15.131 | 15.488 | 15.389   | 17.83   | 32.89   | 199.475  |
| DAILY AVG.    | 0.3270 | 0.6240  | 0.6045  | 0.5060  | 0.4016 | 0.4240 | 0.4554 | 0.4880 | 0.5160 | 0.4964   | 0.5943  | 10.6100 | 1.3373   |
| NEW SEWICKLEY | 0.280  | 0.269   | 0.239   | 0.295   | 0.212  | 0.336  | 0.352  | 0.352  | 0.350  | 0.287    | 0.323   | 0.317   | 3.612    |
| DAILY AVG.    | 0.0090 | 0.0096  | 0.0077  | 0.0090  | 0.0060 | 0.0112 | 0.0113 | 0.0110 | 0.0116 | 0.0090   | 0.0108  | 0.0100  | 0.010    |
| RAIN FALL     | 1.88   | 4.18    | 5.41    | 7.43    | 5.5    | 1.04   | 5.13   | 4.37   | 5.74   | 3.83     | 4.17    | 2.77    | 51.45    |

| 2010          | JAN.    | FEB.   | MARCH   | APRIL  | MAY     | JUNE    | JULY   | AUG.   | SEPT.  | OCT.    | NOV.   | DEC.   | TO DATE  |
|---------------|---------|--------|---------|--------|---------|---------|--------|--------|--------|---------|--------|--------|----------|
| B.C.T.P. FLOW | 113.552 | 96.047 | 138.608 | 91.967 | 105.724 | 118.668 | 85.837 | 82.501 | 73.994 | 81.6650 | 94.388 | 104.49 | 1187.441 |
| DAILY AVG.    | 3.6630  | 3.4303 | 4.4712  | 3.0656 | 3.4105  | 3.9556  | 2.7689 | 2.6610 | 2.4660 | 2.6343  | 3.1460 | 3.3710 | 3.254    |
| MARSHALL FLOW | 15.265  | 12.539 | 20.737  | 11.313 | 13.861  | 19.409  | 14.48  | 15.745 | 13.835 | 12.789  | 13.803 | 18.18  | 181.956  |
| DAILY AVG.    | 0.4924  | 0.4478 | 0.6689  | 0.3649 | 0.4471  | 0.6469  | 0.4670 | 0.5079 | 0.4612 | 0.4125  | 0.4601 | 0.5860 | 0.4969   |
| NEW SEWICKLEY | 0.312   | 0.247  | 0.289   | 0.299  | 0.266   | 0.346   | 0.371  | 0.390  | 0.327  | 0.304   | 0.324  | 0.317  | 3.792    |
| DAILY AVG.    | 0.0101  | 0.0088 | 0.0093  | 0.0093 | 0.0080  | 0.0115  | 0.0119 | 0.0120 | 0.0109 | 0.0090  | 0.0010 | 0.0100 | 0.010    |
| RAIN FALL     | 2.8     | 1.83   | 2.53    | 2.85   | 6.6     | 4.33    | 4.22   | 4.23   | 2.8    | 1.97    | 6.81   | 1.86   | 42.83    |

| 2009          | JAN.    | FEB.    | MARCH   | APRIL   | MAY    | JUNE   | JULY    | AUG.   | SEPT.  | OCT.    | NOV.   | DEC.    | TO DATE  |
|---------------|---------|---------|---------|---------|--------|--------|---------|--------|--------|---------|--------|---------|----------|
| B.C.T.P. FLOW | 101.914 | 126.439 | 107.228 | 103.391 | 105.69 | 91.03  | 102.194 | 96.822 | 79.639 | 89.8890 | 87.545 | 107.668 | 1199.449 |
| DAILY AVG.    | 3.2875  | 4.5157  | 3.4590  | 3.4464  | 3.4094 | 3.0343 | 3.2966  | 3.1233 | 2.6546 | 2.8996  | 2.9182 | 3.4732  | 3.293    |
| MARSHALL FLOW | 13.713  | 23.936  | 12.601  | 15.086  | 12.095 | 16.888 | 16.032  | 15.838 | 15.371 | 15.667  | 13.476 | 15.788  | 186.491  |
| DAILY AVG.    | 0.4424  | 0.8549  | 0.4065  | 0.5029  | 0.4032 | 0.5629 | 0.5172  | 0.5109 | 0.5124 | 0.5054  | 0.4492 | 0.5093  | 0.5147   |
| NEW SEWICKLEY | 0.330   | 0.276   | 0.256   | 0.323   | 0.259  | 0.450  | 0.334   | 0.255  | 0.329  | 0.347   | 0.333  | 0.354   | 3.846    |
| DAILY AVG.    | 0.0106  | 0.0099  | 0.0085  | 0.0104  | 0.0086 | 0.0145 | 0.0108  | 0.0082 | 0.0110 | 0.0112  | 0.0111 | 0.0114  | 0.011    |
| RAIN FALL     | 4.08    | 1.76    | 2.93    | 2.71    | 3.61   | 4.98   | 7.18    | 3.84   | 1.83   | 2.67    | 1      | 3.59    | 40.18    |

| 2008          | JAN.   | FEB.   | MARCH   | APRIL  | MAY     | JUNE    | JULY   | AUG.   | SEPT.  | OCT.    | NOV.   | DEC.    | TO DATE  |
|---------------|--------|--------|---------|--------|---------|---------|--------|--------|--------|---------|--------|---------|----------|
| B.C.T.P. FLOW | 106.75 | 120.88 | 138.108 | 97.255 | 100.511 | 125.124 | 92.486 | 80.028 | 86.043 | 94.9280 | 86.194 | 112.159 | 1240.466 |
| DAILY AVG.    | 3.4435 | 4.1683 | 4.4551  | 3.2418 | 3.2423  | 4.1708  | 2.9834 | 2.5815 | 2.8681 | 3.0622  | 2.8731 | 3.6180  | 3.392    |
| MARSHALL FLOW | 13.421 | 16.251 | 17.538  | 13.482 | 14.594  | 18.857  | 15.887 | 14.722 | 17.074 | 16.098  | 12.748 | 17.908  | 188.58   |
| DAILY AVG.    | 0.4329 | 0.5604 | 0.5657  | 0.4494 | 0.4865  | 0.6286  | 0.5125 | 0.4749 | 0.5691 | 0.5193  | 0.4249 | 0.5777  | 0.565    |
| NEW SEWICKLEY | 0.180  | 0.168  | 0.179   | 0.204  | 0.255   | 0.345   | 0.354  | 0.345  | 0.351  | 0.344   | 0.272  | 0.391   | 3.388    |
| DAILY AVG.    | 0.0058 | 0.0058 | 0.0058  | 0.0068 | 0.0082  | 0.0115  | 0.0114 | 0.0111 | 0.0117 | 0.0111  | 0.0091 | 0.0126  | 0.009    |
| RAIN FALL     | 2.38   | 4.95   | 4.13    | 2.69   | 2.77    | 7.55    | 1.86   | 1.19   | 4.57   | 2.53    | 2.42   | 2.65    | 39.69    |

| 2007          | JAN.    | FEB.   | MARCH   | APRIL   | MAY    | JUNE   | JULY   | AUG.   | SEPT.  | OCT.    | NOV.   | DEC.    | TO DATE  |
|---------------|---------|--------|---------|---------|--------|--------|--------|--------|--------|---------|--------|---------|----------|
| B.C.T.P. FLOW | 127.599 | 95.014 | 146.937 | 121.328 | 98.623 | 86.315 | 91.095 | 115.92 | 85.231 | 87.4310 | 98.426 | 130.989 | 1284.908 |
| DAILY AVG.    | 4.1161  | 3.3934 | 4.7399  | 4.0443  | 3.1814 | 2.8772 | 2.9385 | 3.7394 | 2.8410 | 2.8204  | 3.2809 | 4.2255  | 3.516    |
| MARSHALL FLOW | 13.213  | 16.568 | 17.873  | 24.019  | 12.198 | 4.336  | 8.967  | 11.709 | 8.233  | 6.735   | 13.991 |         | 137.842  |
| DAILY AVG.    | 0.4262  | 0.5917 | 0.5765  | 0.8006  | 0.4066 | 0.1445 | 0.2893 | 0.3777 | 0.2744 | 0.2173  | 0.4664 | 0.0000  | 0.413    |
| NEW SEWICKLEY | 0.398   | 0.345  | 0.356   | 0.395   | 0.312  | 0.403  |        |        |        | 1.870   | 0.206  |         | 4.285    |
| DAILY AVG.    | 0.0128  | 0.0123 | 0.0115  | 0.0132  | 0.0104 | 0.0134 | 0.0000 | 0.0000 | 0.0000 | 0.0603  | 0.0066 | 0.0000  | 0.012    |
| RAIN FALL     | 3.66    | 1.75   | 4.69    | 3.14    | 1.79   | 2.74   | 3.48   | 6.67   | 2.8    | 2.09    | 4      | 4.88    | 41.69    |

| 2006          | JAN.    | FEB.   | MARCH   | APRIL   | MAY     | JUNE    | JULY   | AUG.   | SEPT.  | OCT.     | NOV.   | DEC.   | TO DATE  |
|---------------|---------|--------|---------|---------|---------|---------|--------|--------|--------|----------|--------|--------|----------|
| B.C.T.P. FLOW | 116.567 | 94.022 | 114.208 | 108.455 | 109.556 | 107.003 | 98.828 | 94.267 | 95.306 | 117.7790 | 98.264 | 98.383 | 1252.638 |
| DAILY AVG.    | 3.7602  | 3.358  | 3.684   | 3.615   | 3.534   | 3.567   | 3.188  | 3.041  | 3.177  | 3.799    | 3.275  | 3.174  | 3.431    |
| MARSHALL FLOW | 14.346  | 12.635 | 13.700  | 11.476  | 13.315  | 9.475   | 8.487  | 9.97   | 8.052  | 9.736    | 8.27   | 6.992  | 126.454  |
| DAILY AVG.    | 0.4628  | 0.451  | 0.442   | 0.383   | 0.430   | 0.316   | 0.274  | 0.322  | 0.268  | 0.314    | 0.276  | 0.226  | 0.379    |
| NEW SEWICKLEY | 0.329   | 0.283  | 0.272   | 0.256   | 0.303   | 0.271   | 0.261  | 0.359  | 0.599  | 0.662    | 0.463  | 0.346  | 4.404    |
| DAILY AVG.    | 0.0106  | 0.010  | 0.009   | 0.009   | 0.010   | 0.009   | 0.008  | 0.012  | 0.020  | 0.021    | 0.015  | 0.011  | 0.012    |
| RAIN FALL     | 3.31    | 1.39   | 2.82    | 4.17    | 3.89    | 4.65    | 4.5    | 1.95   | 6.03   | 5.28     | 1.75   | 1.66   | 41.4     |

| 2005          | JAN.    | FEB.   | MARCH  | APRIL   | MAY    | JUNE   | JULY   | AUG.   | SEPT.  | OCT.    | NOV.    | DEC.    | TO DATE  |
|---------------|---------|--------|--------|---------|--------|--------|--------|--------|--------|---------|---------|---------|----------|
| B.C.T.P. FLOW | 120.719 | 99.329 | 99.543 | 102.638 | 87.584 | 89.607 | 92.321 | 89.053 | 85.143 | 95.1070 | 101.652 | 111.018 | 1173.714 |
| DAILY AVG.    | 3.8940  | 3.547  | 3.211  | 3.421   | 2.825  | 2.987  | 2.978  | 2.873  | 2.838  | 3.068   | 3.388   | 3.581   | 3.216    |
| MARSHALL FLOW | 14.334  | 10.205 | 11.58  | 9.721   | 10.205 | 13.428 | 11.462 | 13.143 | 11.692 | 11.727  | 13.125  | 13.209  | 143.831  |
| DAILY AVG.    | 0.4624  | 0.364  | 0.374  | 0.324   | 0.329  | 0.448  | 0.370  | 0.424  | 0.390  | 0.378   | 0.438   | 0.426   | 0.431    |
| NEW SEWICKLEY | 0.216   | 0.183  | 0.226  | 0.179   | 0.183  | 0.287  | 0.256  | 0.301  | 0.299  | 0.277   | 0.335   | 0.353   | 3.095    |
| DAILY AVG.    | 0.0070  | 0.007  | 0.007  | 0.006   | 0.006  | 0.010  | 0.008  | 0.010  | 0.010  | 0.009   | 0.011   | 0.011   | 0.008    |
| RAIN FALL     | 6.46    | 2.6    | 1.83   | 4.54    | 3.37   | 1.48   | 2.56   | 3.37   | 1.6    | 8.57    | 3.61    | 1.62    | 41.61    |

| 2004          | JAN.    | FEB.    | MARCH   | APRIL   | MAY     | JUNE    | JULY   | AUG.    | SEPT.   | OCT.     | NOV.   | DEC.    | TO DATE  |
|---------------|---------|---------|---------|---------|---------|---------|--------|---------|---------|----------|--------|---------|----------|
| B.C.T.P. FLOW | 117.797 | 116.174 | 119.809 | 124.274 | 111.328 | 107.634 | 97.585 | 118.384 | 120.116 | 106.1180 | 104.47 | 117.965 | 1361.654 |
| DAILY AVG.    | 3.7999  | 4.006   | 3.865   | 4.143   | 3.591   | 3.588   | 3.148  | 3.819   | 4.004   | 3.423    | 3.482  | 4.018   | 3.731    |
| MARSHALL FLOW | 12.516  | 11.315  | 11.645  | 12.506  | 11.108  | 10.185  | 9.579  | 10.848  | 13.88   | 8.633    | 10.037 | 10.436  | 132.688  |
| DAILY AVG.    | 0.4037  | 0.404   | 0.376   | 0.417   | 0.358   | 0.340   | 0.309  | 0.350   | 0.463   | 0.278    | 0.335  | 0.337   | 0.364    |
| NEW SEWICKLEY | 0.223   | 0.191   | 0.186   | 0.176   | 0.170   | 0.171   | 0.191  | 0.183   | 0.224   | 0.199    | 0.224  | 0.218   | 2.356    |
| DAILY AVG.    | 0.0072  | 0.007   | 0.006   | 0.006   | 0.005   | 0.006   | 0.006  | 0.006   | 0.007   | 0.006    | 0.007  | 0.007   | 0.006    |

| 2003          | JAN.   | FEB.   | MARCH   | APRIL  | MAY    | JUNE   | JULY    | AUG.   | SEPT.   | OCT.    | NOV.    | DEC.    | TO DATE  |
|---------------|--------|--------|---------|--------|--------|--------|---------|--------|---------|---------|---------|---------|----------|
| B.C.T.P. FLOW | 96.386 | 87.117 | 106.732 | 87.738 | 97.479 | 97.587 | 101.551 | 89.502 | 100.235 | 96.1400 | 111.318 | 122.342 | 1194.127 |
| DAILY AVG.    | 3.1092 | 3.111  | 3.443   | 2.925  | 3.144  | 3.253  | 3.276   | 2.887  | 3.341   | 3.101   | 3.711   | 3.947   | 3.272    |
| MARSHALL FLOW | 12.705 | 8.668  | 9.968   | 8.888  | 4.995  | 10.409 | 6.102   | 9.973  | 11.536  | 9.261   | 11.653  | 9.853   | 114.011  |
| DAILY AVG.    | 0.4098 | 0.310  | 0.322   | 0.296  | 0.161  | 0.347  | 0.197   | 0.322  | 0.385   | 0.299   | 0.388   | 0.318   | 0.312    |
| NEW SEWICKLEY | 0.267  | 0.167  | 0.172   | 0.204  | 0.191  | 0.182  | 0.183   | 0.200  | 0.199   | 0.196   | 0.221   | 0.248   | 2.430    |
| DAILY AVG.    | 0.0086 | 0.006  | 0.006   | 0.007  | 0.006  | 0.006  | 0.006   | 0.006  | 0.007   | 0.006   | 0.007   | 0.008   | 0.007    |

| 2002          | JAN.   | FEB.   | MARCH  | APRIL | MAY    | JUNE   | JULY   | AUG.   | SEPT.  | OCT.    | NOV.   | DEC.   | TO DATE |
|---------------|--------|--------|--------|-------|--------|--------|--------|--------|--------|---------|--------|--------|---------|
| B.C.T.P. FLOW | 101.53 | 77.524 | 89.486 | 82.1  | 100.06 | 88.266 | 79.352 | 72.235 | 63.874 | 74.2960 | 79.221 | 74.296 | 982.24  |
| DAILY AVG.    | 3.2752 | 2.769  | 2.887  | 2.737 | 3.228  | 2.942  | 2.560  | 2.330  | 2.129  | 2.397   | 2.641  | 2.397  | 2.691   |
| MARSHALL FLOW | 8.412  | 9.616  | 9.309  | 6.434 | 11.572 | 8.114  | 9.286  | 8.402  | 10.148 | 10.809  | 7.187  | 8.814  | 108.103 |
| DAILY AVG.    | 0.271  | 0.343  | 0.300  | 0.214 | 0.373  | 0.270  | 0.300  | 0.271  | 0.338  | 0.349   | 0.124  | 0.284  | 0.296   |
| NEW SEWICKLEY | 0.203  | 0.166  | 0.149  | 0.247 | 0.194  | 0.153  | 0.199  | 0.186  | 0.199  | 0.229   | 0.151  | 0.189  | 2.265   |
| DAILY AVG.    | 0.0065 | 0.006  | 0.005  | 0.008 | 0.006  | 0.005  | 0.006  | 0.006  | 0.007  | 0.007   | 0.005  | 0.006  | 0.006   |

| 2001          | JAN.    | FEB.   | MARCH  | APRIL | MAY    | JUNE   | JULY  | AUG.   | SEPT.  | OCT.     | NOV.    | DEC.    | TO DATE   |
|---------------|---------|--------|--------|-------|--------|--------|-------|--------|--------|----------|---------|---------|-----------|
| B.C.T.P. FLOW | 69.8565 | 79.674 | 88.266 | 70.78 | 82.731 | 84.498 | 97.37 | 96.579 | 94.676 | 102.3000 | 107.534 | 114.798 | 1089.0625 |
| DAILY AVG.    | 2.2534  | 2.846  | 2.847  | 2.359 | 2.669  | 2.817  | 3.141 | 3.115  | 3.156  | 3.300    | 3.584   | 3.703   | 2.984     |
| MARSHALL FLOW | 7.007   | 9.703  | 9.991  | 9.964 | 8.548  | 7.875  | 8.132 | 8.604  | 7.052  | 9.164    | 9.605   | 9.501   | 105.146   |
| DAILY AVG.    | 0.226   | 0.347  | 0.322  | 0.332 | 0.276  | 0.263  | 0.262 | 0.278  | 0.235  | 0.296    | 0.320   | 0.306   | 0.288     |
| NEW SEWICKLEY | 0.385   | 0.413  | 0.370  | 0.323 | 0.272  | 0.248  | 0.252 | 0.240  |        | 0.164    | 0.130   | 0.241   | 3.038     |
| DAILY AVG.    | 0.0124  | 0.015  | 0.012  | 0.011 | 0.009  | 0.008  | 0.008 | 0.008  | 0.000  | 0.005    | 0.004   | 0.008   | 0.009     |

| 2000          | JAN.    | FEB.    | MARCH  | APRIL  | MAY    | JUNE   | JULY   | AUG.    | SEPT.  | OCT.    | NOV.   | DEC.   | TO DATE  |
|---------------|---------|---------|--------|--------|--------|--------|--------|---------|--------|---------|--------|--------|----------|
| B.C.T.P. FLOW | 81.5783 | 103.921 | 92.337 | 99.297 | 93.923 | 87.377 | 74.798 | 76.8781 | 64.962 | 60.8650 | 54.379 | 81.175 | 971.4904 |
| DAILY AVG.    | 2.6316  | 3.711   | 2.979  | 3.310  | 3.030  | 2.913  | 2.413  | 2.480   | 2.165  | 1.963   | 1.813  | 2.619  | 2.662    |
| MARSHALL FLOW | 8.172   | 8.778   | 8.995  | 8.206  | 10.144 | 7.445  | 9.957  | 7.536   | 8.392  | 7.922   | 8.178  | 9.391  | 103.116  |
| DAILY AVG.    | 0.2636  | 0.314   | 0.290  | 0.274  | 0.327  | 0.248  | 0.321  | 0.243   | 0.280  | 0.256   | 0.273  | 0.303  | 0.283    |
| NEW SEWICKLEY |         |         |        | 0.203  | 0.227  | 0.216  | 0.283  | 0.243   | 0.291  | 0.314   | 0.371  | 0.551  | 2.699    |
| DAILY AVG.    | 0.0000  | 0.000   | 0.000  | 0.007  | 0.007  | 0.007  | 0.009  | 0.008   | 0.010  | 0.010   | 0.012  | 0.018  | 0.007    |

| 1999          | JAN.    | FEB.   | MAR    | APR    | MAY    | JUN    | JULY   | AUG.   | SEPT.  | OCT.    | NOV.    | DEC.    | TO DATE   |
|---------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|-----------|
| B.C.T.P. FLOW | 110.626 | 91.35  | 103.98 | 94.233 | 85.951 | 71.093 | 81.872 | 85.543 | 81.498 | 86.8155 | 101.503 | 90.6042 | 1085.0687 |
| DAILY AVG.    | 3.569   | 3.263  | 3.354  | 3.141  | 2.773  | 2.370  | 2.641  | 2.759  | 2.717  | 2.801   | 3.383   | 2.923   | 2.973     |
| MARSHALL FLOW | 12.902  | 12.491 | 12.876 | 11.231 | 7.088  | 7.658  | 8.828  | 8.086  | 7.446  | 7.101   | 7.857   | 8.268   | 111.832   |
| DAILY AVG.    | 0.416   | 0.446  | 0.415  | 0.374  | 0.229  | 0.255  | 0.285  | 0.261  | 0.248  | 0.229   | 0.262   | 0.267   | 0.306     |