

**Table B-2. Future Conditions Peak Discharges (Scenario 3)**

Notes: Peak discharges usually occur at times other than the time of maximum computed water surface elevation. Peak discharges can occur in the upstream direction.

| Conduit Number | Maximum Computed Discharge |               |                |                |                |                 |
|----------------|----------------------------|---------------|----------------|----------------|----------------|-----------------|
|                | 2-Yr<br>(cfs)              | 5-Yr<br>(cfs) | 10-Yr<br>(cfs) | 25-Yr<br>(cfs) | 50-Yr<br>(cfs) | 100-Yr<br>(cfs) |
| 11011          | 7.07                       | 13.25         | 17.95          | 28.01          | 35.76          | 37.03           |
| 11031          | 7.08                       | 13.12         | 18.03          | 28.13          | 35.99          | 37.20           |
| 11051          | 7.10                       | 13.10         | 18.13          | 28.20          | 36.13          | 37.31           |
| 11071          | 7.17                       | 13.16         | 18.44          | 28.38          | 36.50          | 37.59           |
| 11091          | 18.33                      | 31.05         | 39.37          | 47.28          | 54.68          | 61.12           |
| 11111          | 26.13                      | 40.42         | 48.38          | 56.94          | 64.41          | 67.10           |
| 11112          | 24.72                      | 38.06         | 45.74          | 52.62          | 58.38          | 58.55           |
| 11131          | 1.86                       | 5.45          | 8.36           | 11.59          | 15.19          | 19.63           |
| 11132          | 0.92                       | 3.21          | 5.25           | 8.69           | 12.53          | 13.99           |
| 11151          | 2.11                       | 6.72          | 10.09          | 12.44          | 14.58          | 16.86           |
| 11171          | 6.54                       | 11.45         | 15.39          | 19.83          | 24.59          | 25.67           |
| 11172          | 6.54                       | 11.45         | 15.39          | 19.83          | 24.59          | 25.67           |
| 11191          | 14.10                      | 25.01         | 33.33          | 42.36          | 52.04          | 53.96           |
| 11211          | 22.70                      | 37.95         | 48.15          | 58.91          | 70.52          | 82.88           |
| 11231          | 16.08                      | 24.28         | 26.03          | 26.10          | 25.89          | 25.62           |
| 11251          | 11.74                      | 16.70         | 17.86          | 17.90          | 17.94          | 17.99           |
| 11271          | 11.11                      | 16.70         | 17.85          | 17.90          | 17.94          | 17.99           |
| 11291          | 10.70                      | 13.63         | 13.95          | 14.35          | 14.55          | 14.63           |
| 11311          | 10.73                      | 13.38         | 13.92          | 14.34          | 14.55          | 14.62           |
| 11331          | 2.45                       | 4.05          | 5.17           | 6.37           | 7.64           | 9.04            |
| 11332          | 2.45                       | 4.05          | 5.17           | 6.37           | 7.64           | 9.04            |
| 11351          | 4.42                       | 7.53          | 9.81           | 12.24          | 14.88          | 17.78           |
| 11371          | 4.38                       | 7.55          | 9.66           | 11.92          | 14.36          | 16.90           |
| 11391          | 12.89                      | 18.74         | 21.64          | 24.39          | 26.64          | 29.29           |
| 11411          | 24.36                      | 42.37         | 55.24          | 66.71          | 74.75          | 79.37           |
| 11412          | 28.66                      | 50.37         | 65.78          | 71.99          | 72.69          | 73.49           |
| 11431          | 13.07                      | 19.68         | 23.14          | 26.15          | 27.91          | 32.80           |
| 11451          | 28.82                      | 49.96         | 63.51          | 75.41          | 87.60          | 134.92          |
| 11471          | 40.98                      | 66.50         | 83.08          | 99.99          | 117.28         | 135.66          |
| 11491          | 79.87                      | 129.58        | 161.74         | 194.45         | 227.83         | 252.78          |
| 11511          | 75.12                      | 128.16        | 162.99         | 196.04         | 218.09         | 229.71          |
| 11531          | 36.77                      | 62.66         | 79.48          | 93.78          | 103.66         | 108.18          |
| 11532          | 36.77                      | 62.66         | 79.48          | 93.78          | 103.66         | 108.18          |
| 11551          | 72.57                      | 123.23        | 155.87         | 181.58         | 206.67         | 214.69          |
| 11571          | 75.80                      | 127.87        | 161.12         | 190.16         | 217.05         | 239.24          |
| 11591          | 4.90                       | 8.85          | 11.74          | 14.33          | 16.66          | 17.94           |
| 11592          | 33.74                      | 58.62         | 75.55          | 81.09          | 81.93          | 84.49           |
| 11593          | 6.18                       | 9.48          | 11.20          | 11.34          | 11.36          | 11.38           |
| 11611          | 122.72                     | 203.67        | 257.03         | 305.04         | 353.70         | 387.67          |
| 11631          | 122.02                     | 204.68        | 259.05         | 310.09         | 363.18         | 394.80          |
| 11651          | 18.67                      | 26.92         | 27.30          | 27.63          | 27.76          | 27.71           |
| 11652          | 19.66                      | 23.28         | 21.98          | 21.25          | 22.56          | 24.68           |
| 11653          | 57.46                      | 94.96         | 110.61         | 115.39         | 117.44         | 118.57          |

**Table B-2. Future Conditions Peak Discharges (Scenario 3)**

Notes: Peak discharges usually occur at times other than the time of maximum computed water surface elevation. Peak discharges can occur in the upstream direction.

| Conduit Number | Maximum Computed Discharge |               |                |                |                |                 |
|----------------|----------------------------|---------------|----------------|----------------|----------------|-----------------|
|                | 2-Yr<br>(cfs)              | 5-Yr<br>(cfs) | 10-Yr<br>(cfs) | 25-Yr<br>(cfs) | 50-Yr<br>(cfs) | 100-Yr<br>(cfs) |
| 11658          | 65.35                      | 102.15        | 119.52         | 128.99         | 134.61         | 138.06          |
| 11671          | 84.80                      | 132.93        | 170.25         | 176.65         | 180.29         | 182.25          |
| 11672          | 65.37                      | 101.29        | 118.19         | 128.66         | 132.12         | 136.07          |
| 11673          | 63.94                      | 98.97         | 118.37         | 130.06         | 135.30         | 135.67          |
| 11691          | 60.59                      | 105.31        | 135.41         | 163.51         | 194.20         | 204.15          |
| 11711          | 222.29                     | 366.95        | 461.67         | 558.41         | 647.31         | 724.17          |
| 11712          | 230.25                     | 380.99        | 480.37         | 582.98         | 690.10         | 756.81          |
| 11731          | 87.28                      | 151.88        | 194.21         | 228.49         | 268.14         | 296.54          |
| 11751          | 77.10                      | 127.32        | 160.28         | 194.33         | 230.27         | 252.39          |
| 11752          | 77.10                      | 127.32        | 160.28         | 194.33         | 230.27         | 252.39          |
| 11753          | 77.10                      | 127.32        | 160.28         | 194.33         | 230.27         | 252.39          |
| 11771          | 270.81                     | 448.28        | 566.50         | 690.17         | 830.21         | 958.05          |
| 11772          | 327.10                     | 545.50        | 681.29         | 814.46         | 928.85         | 1,136.36        |
| 11791          | 165.89                     | 277.55        | 347.05         | 415.81         | 472.84         | 483.60          |
| 11792          | 171.52                     | 284.32        | 354.40         | 423.67         | 481.09         | 491.93          |
| 11811          | 337.33                     | 561.54        | 700.93         | 838.66         | 953.11         | 975.39          |
| 11831          | 21.32                      | 28.16         | 35.28          | 41.53          | 48.62          | 55.80           |
| 11832          | 22.10                      | 28.43         | 35.59          | 41.86          | 48.95          | 55.96           |
| 11833          | 60.23                      | 105.15        | 136.66         | 171.28         | 205.14         | 210.78          |
| 11834          | 60.29                      | 104.90        | 135.78         | 166.65         | 199.80         | 208.13          |
| 11835          | 9.80                       | 14.59         | 19.17          | 19.07          | 19.19          | 20.89           |
| 11851          | 22.26                      | 29.24         | 33.07          | 36.59          | 39.93          | 43.11           |
| 11871          | 7.97                       | 14.18         | 20.14          | 20.26          | 20.72          | 24.30           |
| 11872          | 7.97                       | 14.22         | 20.21          | 20.26          | 20.79          | 24.20           |
| 11873          | 65.35                      | 102.26        | 119.25         | 129.00         | 135.05         | 139.57          |
| 11891          | 11.86                      | 15.94         | 18.56          | 21.12          | 24.71          | 28.04           |
| 11911          | 11.95                      | 15.83         | 18.10          | 20.21          | 22.24          | 24.21           |
| 11931          | 4.78                       | 6.60          | 7.40           | 8.20           | 8.61           | 9.56            |
| 11951          | 6.17                       | 7.51          | 7.61           | 7.59           | 7.79           | 9.27            |
| 11991          | 19.59                      | 30.31         | 37.40          | 44.83          | 54.65          | 65.41           |
| 12011          | 3.44                       | 3.59          | 3.30           | 3.48           | 3.00           | 2.94            |
| 12012          | 0.00                       | 4.93          | 5.02           | 5.13           | 5.24           | 5.33            |
| 12013          | 3.44                       | 7.78          | 7.11           | 7.60           | 7.34           | 7.43            |
| 12014          | 3.69                       | 8.37          | 12.94          | 13.92          | 12.54          | 13.15           |
| 12015          | 3.94                       | 8.51          | 11.65          | 13.36          | 12.67          | 16.23           |
| 12016          | 20.91                      | 30.66         | 37.55          | 39.38          | 41.78          | 42.11           |
| 12031          | 6.73                       | 13.40         | 17.75          | 21.25          | 24.29          | 26.97           |
| 12051          | 12.65                      | 18.46         | 21.06          | 23.15          | 25.76          | 28.71           |
| 12071          | 3.31                       | 6.18          | 7.70           | 9.01           | 9.88           | 10.40           |
| 12091          | 3.30                       | 6.17          | 7.71           | 9.06           | 9.97           | 10.57           |
| 12111          | 3.30                       | 6.18          | 7.72           | 9.09           | 10.01          | 10.63           |
| 12131          | 3.30                       | 6.18          | 7.74           | 9.17           | 10.09          | 10.72           |
| 12151          | 3.26                       | 6.38          | 8.24           | 10.08          | 10.70          | 11.34           |

**Table B-2. Future Conditions Peak Discharges (Scenario 3)**

Notes: Peak discharges usually occur at times other than the time of maximum computed water surface elevation. Peak discharges can occur in the upstream direction.

| Conduit Number | Maximum Computed Discharge |               |                |                |                |                 |
|----------------|----------------------------|---------------|----------------|----------------|----------------|-----------------|
|                | 2-Yr<br>(cfs)              | 5-Yr<br>(cfs) | 10-Yr<br>(cfs) | 25-Yr<br>(cfs) | 50-Yr<br>(cfs) | 100-Yr<br>(cfs) |
| 12171          | 13.35                      | 20.48         | 25.77          | 42.01          | 57.49          | 56.75           |
| 12191          | 3.51                       | 7.24          | 9.36           | 11.53          | 11.68          | 12.29           |
| 12211          | 4.42                       | 7.63          | 9.65           | 11.92          | 11.85          | 12.46           |
| 12231          | 5.84                       | 9.64          | 11.18          | 13.95          | 14.70          | 15.21           |
| 12251          | 24.88                      | 42.27         | 53.25          | 75.23          | 74.63          | 70.79           |
| 12271          | 12.68                      | 21.50         | 27.09          | 38.55          | 38.97          | 36.08           |
| 12272          | 12.68                      | 21.50         | 27.09          | 38.55          | 38.97          | 36.08           |
| 12291          | 26.12                      | 44.05         | 55.57          | 77.76          | 78.07          | 77.70           |
| 12311          | 18.69                      | 29.85         | 39.26          | 64.02          | 68.76          | 77.11           |
| 12331          | 43.81                      | 74.14         | 96.10          | 119.92         | 129.37         | 131.02          |
| 12351          | 22.32                      | 37.01         | 43.85          | 46.27          | 49.55          | 50.34           |
| 12352          | 27.05                      | 47.32         | 61.87          | 68.26          | 70.02          | 70.91           |
| 12371          | 42.95                      | 73.39         | 98.03          | 114.74         | 120.46         | 122.89          |
| 12391          | 56.58                      | 96.58         | 127.26         | 158.17         | 183.73         | 205.15          |
| 12411          | 56.88                      | 94.47         | 120.85         | 145.15         | 162.34         | 171.72          |
| 12431          | 4.25                       | 6.75          | 8.33           | 9.68           | 10.72          | 12.23           |
| 12432          | 4.81                       | 8.09          | 11.17          | 13.75          | 16.20          | 20.62           |
| 12433          | 7.59                       | 12.03         | 14.76          | 17.33          | 19.77          | 21.84           |
| 12435          | 8.47                       | 12.73         | 14.44          | 17.38          | 19.80          | 21.88           |
| 12451          | 17.69                      | 26.77         | 32.74          | 39.04          | 45.31          | 49.76           |
| 12471          | 20.68                      | 32.83         | 40.65          | 47.24          | 53.45          | 61.28           |
| 12491          | 20.76                      | 33.26         | 41.35          | 49.58          | 57.34          | 62.68           |
| 12511          | 14.28                      | 26.59         | 32.22          | 36.72          | 38.61          | 39.39           |
| 12531          | 14.27                      | 26.54         | 32.18          | 36.67          | 38.59          | 39.38           |
| 12551          | 4.76                       | 8.90          | 10.80          | 12.32          | 13.03          | 13.97           |
| 12552          | 4.76                       | 8.90          | 10.80          | 12.32          | 13.03          | 13.97           |
| 12553          | 4.76                       | 8.90          | 10.80          | 12.32          | 13.03          | 13.97           |
| 12571          | 25.65                      | 44.29         | 57.19          | 69.55          | 80.58          | 90.56           |
| 12591          | 12.72                      | 17.48         | 17.45          | 17.36          | 17.30          | 17.31           |
| 12611          | 58.92                      | 93.63         | 114.22         | 135.33         | 156.22         | 176.71          |
| 12631          | 11.54                      | 14.30         | 14.54          | 14.47          | 16.42          | 18.83           |
| 12631.1        | 11.96                      | 21.48         | 29.40          | 32.65          | 34.31          | 36.13           |
| 12632          | 16.14                      | 18.69         | 18.94          | 18.28          | 24.77          | 24.83           |
| 12633          | 3.14                       | 3.72          | 5.35           | 6.38           | 7.18           | 7.78            |
| 12633.2        | 10.05                      | 15.18         | 18.18          | 20.38          | 20.45          | 20.24           |
| 12634          | 4.37                       | 4.55          | 5.49           | 5.46           | 5.89           | 5.97            |
| 12635          | 22.19                      | 25.17         | 29.93          | 30.57          | 32.42          | 33.02           |
| 12636          | 5.60                       | 10.73         | 10.73          | 10.75          | 10.79          | 10.87           |
| 12637          | 13.35                      | 20.66         | 21.13          | 21.13          | 21.11          | 21.07           |
| 12638          | 13.19                      | 15.18         | 15.21          | 14.86          | 15.30          | 15.26           |
| 12639          | 7.43                       | 7.82          | 8.69           | 9.21           | 9.40           | 9.54            |
| 12651          | 28.28                      | 45.30         | 55.40          | 65.70          | 75.92          | 85.89           |
| 12652          | 28.28                      | 45.30         | 55.40          | 65.70          | 75.92          | 85.89           |

**Table B-2. Future Conditions Peak Discharges (Scenario 3)**

Notes: Peak discharges usually occur at times other than the time of maximum computed water surface elevation. Peak discharges can occur in the upstream direction.

| Conduit Number | Maximum Computed Discharge |               |                |                |                |                 |
|----------------|----------------------------|---------------|----------------|----------------|----------------|-----------------|
|                | 2-Yr<br>(cfs)              | 5-Yr<br>(cfs) | 10-Yr<br>(cfs) | 25-Yr<br>(cfs) | 50-Yr<br>(cfs) | 100-Yr<br>(cfs) |
| 12671          | 31.80                      | 50.58         | 61.83          | 73.14          | 84.45          | 95.38           |
| 12672          | 31.80                      | 50.58         | 61.83          | 73.14          | 84.45          | 95.38           |
| 12691          | 60.71                      | 97.28         | 119.33         | 141.38         | 163.44         | 184.43          |
| 12711          | 54.31                      | 89.51         | 110.73         | 131.95         | 152.55         | 175.25          |
| 12731          | 48.12                      | 84.08         | 105.30         | 126.09         | 151.83         | 173.10          |
| 12751          | 125.44                     | 209.29        | 263.92         | 316.15         | 360.32         | 418.58          |
| 12771          | 6.70                       | 9.95          | 11.03          | 11.94          | 13.07          | 13.53           |
| 12791          | 61.56                      | 101.65        | 127.67         | 151.85         | 174.87         | 210.66          |
| 12792          | 60.50                      | 100.78        | 126.83         | 151.03         | 174.03         | 209.74          |
| 12811          | 121.81                     | 201.79        | 253.41         | 301.81         | 347.10         | 418.09          |
| 12831          | 457.80                     | 760.38        | 950.92         | 1,134.85       | 1,294.70       | 1,380.00        |
| 12851          | 457.42                     | 759.77        | 950.15         | 1,133.97       | 1,293.54       | 1,380.23        |
| 12871          | 450.23                     | 748.90        | 936.87         | 1,119.17       | 1,279.20       | 1,382.26        |
| 12911          | 446.20                     | 740.51        | 927.79         | 1,106.56       | 1,284.76       | 1,386.07        |
| 12931          | 3.96                       | 5.37          | 5.98           | 7.06           | 7.87           | 8.47            |
| 12951          | 27.53                      | 35.13         | 40.64          | 42.97          | 45.05          | 46.13           |
| 12971          | 11.39                      | 17.59         | 21.16          | 23.05          | 23.18          | 23.30           |
| 12991          | 37.78                      | 42.57         | 42.09          | 51.14          | 61.07          | 67.84           |
| 13011          | 31.95                      | 42.54         | 43.28          | 52.45          | 54.88          | 55.37           |
| 13031          | 74.25                      | 106.02        | 124.09         | 135.35         | 135.73         | 135.79          |
| 13051          | 10.70                      | 13.31         | 15.88          | 18.69          | 21.50          | 24.10           |
| 13071          | 11.80                      | 16.58         | 20.08          | 23.84          | 27.73          | 31.60           |
| 13111          | 4.35                       | 4.63          | 5.50           | 5.53           | 5.94           | 6.02            |
| 13112          | 4.30                       | 4.81          | 5.53           | 5.64           | 6.11           | 6.15            |
| 13131          | 46.70                      | 63.94         | 69.43          | 74.08          | 76.23          | 78.69           |
| 13132          | 46.71                      | 63.73         | 68.40          | 79.98          | 81.86          | 81.16           |
| 13133          | 46.72                      | 63.56         | 68.09          | 80.01          | 81.87          | 81.98           |
| 13134          | 58.69                      | 82.74         | 92.17          | 96.48          | 96.69          | 96.71           |
| 13151          | 18.57                      | 28.66         | 33.79          | 37.60          | 38.26          | 38.25           |
| 13171          | 23.71                      | 36.84         | 39.42          | 39.58          | 39.41          | 39.26           |
| 13191          | 90.44                      | 121.56        | 136.94         | 149.29         | 162.80         | 167.56          |
| 13211          | 114.64                     | 159.34        | 176.56         | 187.72         | 201.93         | 206.43          |
| 13231          | 115.34                     | 160.67        | 178.37         | 190.15         | 204.67         | 209.73          |
| 13251          | 38.68                      | 53.91         | 59.88          | 63.88          | 68.72          | 70.52           |
| 13252          | 38.68                      | 53.91         | 59.88          | 63.88          | 68.72          | 70.52           |
| 13253          | 38.68                      | 53.91         | 59.88          | 63.88          | 68.72          | 70.52           |
| 13271          | 144.35                     | 208.89        | 240.16         | 268.28         | 290.19         | 307.70          |
| 13291          | 72.01                      | 104.28        | 120.07         | 134.11         | 144.61         | 153.96          |
| 13292          | 72.01                      | 104.28        | 120.07         | 134.11         | 144.61         | 153.96          |
| 13311          | 143.91                     | 208.47        | 240.02         | 268.21         | 290.20         | 308.76          |
| 13331          | 524.64                     | 875.20        | 1,095.74       | 1,319.17       | 1,513.77       | 1,687.66        |
| 13351          | 23.93                      | 37.41         | 46.15          | 47.29          | 47.33          | 47.39           |
| 13352          | 23.95                      | 37.42         | 46.16          | 47.34          | 47.39          | 47.41           |

**Table B-2. Future Conditions Peak Discharges (Scenario 3)**

Notes: Peak discharges usually occur at times other than the time of maximum computed water surface elevation. Peak discharges can occur in the upstream direction.

| Conduit Number | Maximum Computed Discharge |               |                |                |                |                 |
|----------------|----------------------------|---------------|----------------|----------------|----------------|-----------------|
|                | 2-Yr<br>(cfs)              | 5-Yr<br>(cfs) | 10-Yr<br>(cfs) | 25-Yr<br>(cfs) | 50-Yr<br>(cfs) | 100-Yr<br>(cfs) |
| 13353          | 23.93                      | 37.41         | 46.13          | 47.34          | 47.40          | 47.44           |
| 13354          | 15.76                      | 24.51         | 29.85          | 31.62          | 31.96          | 32.22           |
| 13355          | 8.04                       | 12.73         | 16.05          | 17.01          | 17.15          | 17.25           |
| 13356          | 23.23                      | 36.74         | 45.37          | 49.89          | 50.98          | 51.84           |
| 13391          | 523.10                     | 875.74        | 1,100.78       | 1,327.20       | 1,548.63       | 1,735.56        |
| 13431          | 526.30                     | 882.46        | 1,114.01       | 1,342.62       | 1,524.59       | 1,613.21        |
| 13451          | 562.58                     | 931.17        | 1,170.44       | 1,403.43       | 1,597.93       | 1,677.35        |
| 13471          | 12.09                      | 20.46         | 26.07          | 31.87          | 37.83          | 43.90           |
| 13472          | 12.09                      | 20.46         | 26.07          | 31.87          | 37.83          | 43.90           |
| 13491          | 572.74                     | 946.30        | 1,181.74       | 1,413.02       | 1,625.78       | 1,701.28        |
| 13511          | 587.16                     | 969.85        | 1,214.23       | 1,453.43       | 1,676.77       | 1,789.26        |
| 13531          | 580.45                     | 957.90        | 1,198.46       | 1,434.70       | 1,654.51       | 1,758.57        |
| 13551          | 30.33                      | 47.97         | 59.88          | 70.23          | 80.16          | 90.42           |
| 13571          | 22.55                      | 36.10         | 44.89          | 53.94          | 62.14          | 67.07           |
| 13591          | 22.32                      | 35.83         | 44.61          | 53.54          | 60.81          | 60.98           |
| 13611          | 30.31                      | 48.75         | 60.75          | 73.06          | 85.58          | 98.40           |
| 13631          | 94.27                      | 152.52        | 190.52         | 234.07         | 275.73         | 308.30          |
| 13671          | 4.26                       | 7.44          | 8.78           | 20.60          | 27.07          | 30.87           |
| 13691          | 23.18                      | 35.55         | 38.61          | 42.07          | 45.01          | 48.69           |
| 13711          | 602.53                     | 989.76        | 1,236.53       | 1,482.50       | 1,714.46       | 1,852.60        |
| 13731          | 610.29                     | 1,004.62      | 1,249.90       | 1,494.97       | 1,722.25       | 1,848.37        |
| 13751          | 600.90                     | 988.75        | 1,228.94       | 1,470.26       | 1,691.50       | 1,799.86        |
| 13771          | 580.66                     | 951.10        | 1,180.39       | 1,412.64       | 1,614.59       | 1,736.97        |
| 13791          | 4.18                       | 7.32          | 8.58           | 17.25          | 20.12          | 20.90           |
| 13971          | 3.74                       | 8.77          | 11.18          | 13.17          | 15.02          | 16.26           |
| 13972          | 5.97                       | 10.56         | 13.15          | 15.15          | 17.56          | 19.31           |
| 13973          | 7.83                       | 12.96         | 15.97          | 19.74          | 22.20          | 24.44           |
| 13991          | 19.07                      | 30.20         | 35.87          | 38.19          | 41.47          | 45.09           |
| 13992          | 19.23                      | 30.79         | 36.35          | 38.77          | 42.10          | 45.75           |
| 13993          | 17.22                      | 24.59         | 28.24          | 30.39          | 38.51          | 52.36           |
| 13994          | 41.71                      | 63.71         | 75.79          | 83.69          | 91.65          | 100.76          |
| 14011          | 28.95                      | 44.69         | 53.50          | 61.11          | 67.24          | 72.73           |
| 14012          | 22.39                      | 34.03         | 40.24          | 45.51          | 49.32          | 52.42           |
| 14031          | 42.03                      | 65.04         | 77.38          | 86.35          | 94.20          | 103.40          |
| 14032          | 42.19                      | 65.94         | 78.61          | 88.75          | 96.39          | 105.90          |
| 14033          | 136.19                     | 217.71        | 266.13         | 305.73         | 345.59         | 392.90          |
| 14051          | 20.53                      | 32.97         | 38.53          | 41.34          | 43.58          | 44.45           |
| 14072          | 7.53                       | 14.43         | 18.05          | 20.15          | 21.79          | 24.24           |
| 14091          | 17.51                      | 27.91         | 33.88          | 40.80          | 47.39          | 54.04           |
| 14111          | 15.08                      | 18.84         | 21.70          | 23.94          | 26.18          | 28.66           |
| 14131          | 53.51                      | 60.31         | 64.65          | 68.01          | 66.13          | 64.27           |
| 14151          | 51.79                      | 57.90         | 70.37          | 75.50          | 73.94          | 72.43           |
| 14171          | 31.74                      | 69.64         | 99.20          | 106.34         | 112.25         | 112.03          |

**Table B-2. Future Conditions Peak Discharges (Scenario 3)**

Notes: Peak discharges usually occur at times other than the time of maximum computed water surface elevation. Peak discharges can occur in the upstream direction.

| Conduit Number | Maximum Computed Discharge |               |                |                |                |                 |
|----------------|----------------------------|---------------|----------------|----------------|----------------|-----------------|
|                | 2-Yr<br>(cfs)              | 5-Yr<br>(cfs) | 10-Yr<br>(cfs) | 25-Yr<br>(cfs) | 50-Yr<br>(cfs) | 100-Yr<br>(cfs) |
| 14191          | 29.30                      | 63.93         | 92.25          | 99.35          | 103.73         | 102.63          |
| 14211          | 34.28                      | 37.77         | 57.83          | 69.52          | 82.07          | 97.34           |
| 14231          | 39.78                      | 57.82         | 68.41          | 80.16          | 91.89          | 104.17          |
| 14251          | 72.43                      | 120.21        | 150.07         | 180.98         | 207.16         | 208.91          |
| 14271          | 19.71                      | 26.04         | 39.19          | 52.55          | 53.74          | 53.34           |
| 14291          | 63.44                      | 83.89         | 87.11          | 86.20          | 87.59          | 89.15           |
| 14292          | 19.18                      | 28.93         | 31.97          | 34.11          | 36.14          | 38.40           |
| 14311          | 50.31                      | 100.38        | 122.82         | 139.38         | 151.28         | 154.84          |
| 14331          | 63.42                      | 82.99         | 85.51          | 84.12          | 84.25          | 84.75           |
| 14351          | 63.64                      | 83.41         | 86.36          | 85.30          | 84.57          | 84.77           |
| 14371          | 41.41                      | 58.42         | 61.81          | 61.99          | 61.84          | 61.94           |
| 14391          | 68.54                      | 82.37         | 87.67          | 87.97          | 86.60          | 84.03           |
| 14411          | 60.27                      | 95.04         | 115.30         | 129.81         | 143.12         | 156.67          |
| 14431          | 59.34                      | 90.57         | 107.29         | 119.70         | 131.41         | 141.37          |
| 14451          | 7.70                       | 14.82         | 18.55          | 21.34          | 23.19          | 25.98           |
| 14471          | 42.25                      | 66.73         | 83.06          | 99.89          | 117.15         | 134.83          |
| 14491          | 202.70                     | 328.73        | 408.87         | 488.63         | 567.24         | 650.87          |
| 14511          | 41.74                      | 64.49         | 76.35          | 88.69          | 107.10         | 131.93          |
| 14531          | 15.54                      | 21.25         | 23.93          | 26.20          | 24.34          | 24.43           |
| 14551          | 194.81                     | 329.74        | 417.14         | 504.59         | 594.12         | 661.26          |
| 14571          | 45.15                      | 71.92         | 89.01          | 106.17         | 123.33         | 133.85          |
| 14591          | 18.79                      | 30.15         | 36.54          | 42.36          | 46.51          | 47.21           |
| 14592          | 18.79                      | 30.15         | 36.54          | 42.36          | 46.51          | 47.21           |
| 14611          | 36.19                      | 57.95         | 69.18          | 78.37          | 86.39          | 90.50           |
| 14631          | 49.40                      | 78.71         | 93.03          | 104.16         | 130.08         | 141.17          |
| 14651          | 23.66                      | 37.36         | 43.99          | 48.58          | 51.89          | 52.94           |
| 14652          | 24.71                      | 37.08         | 42.70          | 48.18          | 51.89          | 52.87           |
| 14671          | 40.78                      | 64.19         | 75.97          | 87.48          | 93.12          | 95.14           |
| 14691          | 224.75                     | 363.32        | 446.24         | 526.19         | 599.99         | 655.84          |
| 14711          | 15.32                      | 24.88         | 31.06          | 37.50          | 43.56          | 46.56           |
| 14731          | 19.18                      | 30.22         | 37.57          | 45.22          | 52.81          | 60.88           |
| 14751          | 21.41                      | 34.58         | 41.55          | 45.98          | 47.94          | 50.78           |
| 14771          | 5.11                       | 9.21          | 12.49          | 17.82          | 20.92          | 24.28           |
| 14791          | 17.66                      | 32.28         | 43.59          | 52.01          | 59.87          | 69.54           |
| 14811          | 7.45                       | 13.59         | 18.11          | 21.38          | 24.34          | 27.49           |
| 14812          | 7.45                       | 13.59         | 18.11          | 21.38          | 24.34          | 27.49           |
| 14831          | 11.11                      | 22.16         | 33.93          | 42.67          | 48.39          | 53.88           |
| 14851          | 1.31                       | 2.26          | 2.99           | 4.14           | 4.42           | 4.62            |
| 14852          | 1.67                       | 1.86          | 2.28           | 3.17           | 4.30           | 4.65            |
| 14871          | 6.32                       | 9.62          | 11.43          | 12.57          | 13.37          | 14.49           |
| 14872          | 6.32                       | 9.62          | 11.43          | 12.57          | 13.37          | 14.49           |
| 14891          | 14.02                      | 23.90         | 30.53          | 36.99          | 42.57          | 46.82           |
| 14911          | 24.99                      | 39.59         | 49.99          | 63.15          | 79.14          | 101.82          |

**Table B-2. Future Conditions Peak Discharges (Scenario 3)**

Notes: Peak discharges usually occur at times other than the time of maximum computed water surface elevation. Peak discharges can occur in the upstream direction.

| Conduit Number | Maximum Computed Discharge |               |                |                |                |                 |
|----------------|----------------------------|---------------|----------------|----------------|----------------|-----------------|
|                | 2-Yr<br>(cfs)              | 5-Yr<br>(cfs) | 10-Yr<br>(cfs) | 25-Yr<br>(cfs) | 50-Yr<br>(cfs) | 100-Yr<br>(cfs) |
| 14931          | 23.09                      | 43.91         | 58.04          | 72.16          | 86.92          | 102.49          |
| 14951          | 55.57                      | 62.94         | 62.80          | 64.69          | 63.34          | 60.60           |
| 14952          | 57.28                      | 64.29         | 65.72          | 68.82          | 68.72          | 67.46           |
| 14971          | 32.09                      | 53.06         | 67.87          | 84.00          | 107.01         | 130.11          |
| 14991          | 126.05                     | 149.57        | 151.72         | 150.26         | 148.56         | 146.44          |
| 15011          | 11.33                      | 17.47         | 21.46          | 24.78          | 29.59          | 33.93           |
| 15012          | 5.23                       | 10.84         | 14.79          | 18.86          | 22.81          | 26.53           |
| 15031          | 18.15                      | 26.77         | 30.80          | 33.15          | 34.61          | 34.49           |
| 15051          | 29.32                      | 35.51         | 35.49          | 36.42          | 37.43          | 37.66           |
| 15053          | 51.87                      | 52.90         | 53.20          | 52.79          | 50.48          | 48.48           |
| 15071          | 25.77                      | 43.55         | 55.42          | 58.90          | 63.10          | 66.96           |
| 15072          | 25.77                      | 43.55         | 55.42          | 58.90          | 63.10          | 66.96           |
| 15091          | 52.20                      | 88.06         | 112.03         | 128.18         | 139.89         | 151.26          |
| 15111          | 26.97                      | 39.33         | 49.95          | 58.77          | 59.20          | 59.18           |
| 15112          | 4.72                       | 8.86          | 11.24          | 13.32          | 13.43          | 13.45           |
| 15131          | 2.25                       | 4.42          | 5.71           | 6.78           | 6.85           | 6.86            |
| 15132          | 12.47                      | 19.77         | 24.97          | 29.67          | 29.93          | 29.95           |
| 15133          | 12.47                      | 19.77         | 24.97          | 29.67          | 29.93          | 29.95           |
| 15151          | 19.13                      | 32.41         | 38.82          | 43.86          | 44.52          | 44.07           |
| 15171          | 16.03                      | 27.55         | 34.44          | 35.41          | 36.35          | 37.68           |
| 15191          | 18.00                      | 31.24         | 35.83          | 36.06          | 72.06          | 77.30           |
| 15211          | 49.49                      | 87.25         | 106.54         | 118.10         | 121.29         | 122.94          |
| 15231          | 19.22                      | 29.06         | 32.21          | 34.58          | 36.94          | 39.44           |
| 15251          | 9.44                       | 5.80          | 8.24           | 12.19          | 16.14          | 21.01           |
| 15271          | 89.65                      | 153.06        | 197.97         | 227.52         | 256.78         | 293.10          |
| 15291          | 86.13                      | 147.92        | 189.17         | 218.53         | 248.52         | 280.46          |
| 15311          | 81.80                      | 143.55        | 177.91         | 212.75         | 242.51         | 265.25          |
| 15331          | 82.41                      | 145.18        | 180.24         | 215.14         | 244.66         | 266.58          |
| 15371          | 18.22                      | 27.13         | 29.52          | 30.72          | 30.55          | 32.42           |
| 15391          | 321.31                     | 528.91        | 656.33         | 781.83         | 905.14         | 1,000.20        |
| 15411          | 312.46                     | 517.89        | 645.31         | 768.29         | 890.24         | 987.51          |
| 15431          | 309.10                     | 520.73        | 650.97         | 779.01         | 905.24         | 1,016.64        |
| 15451          | 6.05                       | 9.79          | 12.29          | 14.90          | 17.61          | 20.46           |
| 15452          | 6.05                       | 9.79          | 12.29          | 14.90          | 17.61          | 20.46           |
| 15453          | 6.05                       | 9.79          | 12.29          | 14.90          | 17.61          | 20.46           |
| 15471          | 21.88                      | 35.78         | 45.24          | 55.98          | 68.16          | 79.34           |
| 15491          | 324.45                     | 550.38        | 695.95         | 837.69         | 974.76         | 1,100.96        |
| 15511          | 323.55                     | 550.56        | 694.19         | 835.59         | 971.86         | 1,097.11        |
| 15531          | 366.63                     | 628.15        | 809.76         | 968.73         | 1,117.97       | 1,249.88        |
| 15551          | 329.25                     | 559.54        | 708.99         | 854.47         | 995.13         | 1,121.02        |
| 15571          | 18.23                      | 27.19         | 29.60          | 30.86          | 30.83          | 30.24           |
| 15591          | 11.02                      | 18.90         | 23.71          | 27.97          | 31.16          | 32.24           |
| 15592          | 11.02                      | 18.90         | 23.71          | 27.97          | 31.16          | 32.24           |

**Table B-2. Future Conditions Peak Discharges (Scenario 3)**

Notes: Peak discharges usually occur at times other than the time of maximum computed water surface elevation. Peak discharges can occur in the upstream direction.

| Conduit Number | Maximum Computed Discharge |               |                |                |                |                 |
|----------------|----------------------------|---------------|----------------|----------------|----------------|-----------------|
|                | 2-Yr<br>(cfs)              | 5-Yr<br>(cfs) | 10-Yr<br>(cfs) | 25-Yr<br>(cfs) | 50-Yr<br>(cfs) | 100-Yr<br>(cfs) |
| 15593          | 11.02                      | 18.90         | 23.71          | 27.97          | 31.16          | 32.24           |
| 15611          | 33.04                      | 56.66         | 71.04          | 83.76          | 93.30          | 95.34           |
| 15631          | 21.48                      | 34.37         | 39.55          | 40.39          | 42.01          | 37.79           |
| 15651          | 35.74                      | 62.87         | 90.91          | 99.96          | 107.23         | 117.68          |
| 15671          | 35.74                      | 62.85         | 90.90          | 100.02         | 107.31         | 118.00          |
| 15691          | 367.45                     | 629.71        | 811.89         | 971.33         | 1,123.78       | 1,253.76        |
| 15711          | 366.37                     | 627.58        | 809.57         | 969.30         | 1,115.10       | 1,247.42        |
| 15731          | 366.14                     | 627.79        | 810.63         | 970.94         | 1,110.97       | 1,244.90        |
| 15771          | 18.70                      | 30.01         | 37.44          | 45.09          | 52.88          | 60.72           |
| 15791          | 388.06                     | 668.23        | 862.21         | 1,034.70       | 1,185.70       | 1,336.22        |
| 15811          | 387.55                     | 666.91        | 860.57         | 1,033.34       | 1,174.90       | 1,333.31        |
| 15831          | 398.65                     | 685.71        | 882.69         | 1,057.95       | 1,202.67       | 1,365.12        |
| 15851          | 25.28                      | 40.13         | 49.75          | 59.66          | 70.27          | 81.24           |
| 15871          | 401.53                     | 690.68        | 887.92         | 1,066.44       | 1,201.14       | 1,368.40        |
| 15891          | 35.38                      | 39.59         | 45.83          | 52.25          | 54.07          | 54.10           |
| 15911          | 54.50                      | 85.29         | 102.26         | 114.84         | 119.83         | 139.17          |
| 15931          | 0.00                       | 5.00          | 13.36          | 17.03          | 16.88          | 20.40           |
| 15932          | 29.99                      | 39.26         | 41.34          | 41.73          | 41.70          | 43.94           |
| 15951          | 61.14                      | 71.98         | 77.04          | 80.24          | 80.62          | 80.66           |
| 15971          | 30.00                      | 43.18         | 48.34          | 50.86          | 53.25          | 64.34           |
| 15991          | 13.76                      | 27.26         | 35.24          | 40.26          | 42.62          | 43.50           |
| 16011          | 439.85                     | 761.66        | 967.25         | 1,152.79       | 1,256.07       | 1,453.59        |
| 16031          | 61.35                      | 72.09         | 77.31          | 80.85          | 81.59          | 82.04           |
| 16051          | 442.99                     | 759.14        | 962.80         | 1,149.84       | 1,332.40       | 1,608.03        |
| 16071          | 443.85                     | 760.56        | 962.41         | 1,151.97       | 1,383.28       | 1,601.37        |
| 16091          | 61.14                      | 72.03         | 77.16          | 80.51          | 81.04          | 81.23           |
| 16111          | 39.53                      | 58.13         | 67.73          | 77.83          | 79.49          | 79.74           |
| 16131          | 56.98                      | 80.88         | 95.47          | 104.21         | 106.34         | 106.57          |
| 16151          | 25.99                      | 38.21         | 45.07          | 50.04          | 53.92          | 54.89           |
| 16171          | 77.17                      | 110.33        | 127.20         | 129.04         | 130.43         | 127.75          |
| 16191          | 87.37                      | 126.21        | 146.87         | 152.06         | 156.52         | 158.98          |
| 16211          | 7.55                       | 14.45         | 18.21          | 20.52          | 22.31          | 24.86           |
| 16231          | 8.53                       | 15.74         | 19.38          | 21.84          | 23.24          | 26.06           |
| 16251          | 18.38                      | 27.86         | 30.49          | 41.11          | 43.16          | 43.40           |
| 16271          | 44.87                      | 67.14         | 74.52          | 78.63          | 81.02          | 82.58           |
| 16291          | 62.02                      | 94.46         | 107.47         | 114.72         | 124.84         | 131.77          |
| 16311          | 4.60                       | 9.89          | 10.16          | 10.66          | 12.32          | 14.17           |
| 16331          | 84.87                      | 123.77        | 138.86         | 140.94         | 141.70         | 141.76          |
| 16351          | 27.71                      | 37.18         | 37.41          | 37.33          | 37.20          | 37.07           |
| 16371          | 54.02                      | 90.26         | 115.12         | 131.98         | 146.53         | 160.89          |
| 16391          | 26.30                      | 34.88         | 35.51          | 35.20          | 35.06          | 34.77           |
| 16411          | 26.09                      | 38.59         | 43.61          | 45.39          | 46.91          | 50.25           |
| 16431          | 33.04                      | 56.70         | 71.04          | 83.78          | 93.33          | 95.40           |



**Table B-2. Future Conditions Peak Discharges (Scenario 3)**

Notes: Peak discharges usually occur at times other than the time of maximum computed water surface elevation. Peak discharges can occur in the upstream direction.

| Conduit Number | Maximum Computed Discharge |               |                |                |                |                 |
|----------------|----------------------------|---------------|----------------|----------------|----------------|-----------------|
|                | 2-Yr<br>(cfs)              | 5-Yr<br>(cfs) | 10-Yr<br>(cfs) | 25-Yr<br>(cfs) | 50-Yr<br>(cfs) | 100-Yr<br>(cfs) |
| 16451          | 99.80                      | 133.18        | 149.72         | 157.95         | 164.66         | 165.34          |
| 16471          | 100.76                     | 135.67        | 152.05         | 160.29         | 165.75         | 166.07          |
| 16491          | 150.87                     | 212.67        | 239.30         | 250.31         | 257.52         | 263.13          |
| 16511          | 80.75                      | 116.56        | 131.55         | 142.38         | 150.49         | 155.85          |
| 16512          | 80.75                      | 116.56        | 131.55         | 142.38         | 150.49         | 155.85          |
| 16531          | 160.63                     | 233.09        | 263.99         | 285.53         | 301.88         | 312.91          |
| 16551          | 82.86                      | 121.49        | 138.84         | 151.88         | 162.29         | 169.89          |
| 16552          | 82.86                      | 121.49        | 138.84         | 151.88         | 162.29         | 169.89          |
| 16571          | 165.77                     | 243.54        | 277.85         | 303.74         | 324.35         | 338.90          |
| 16591          | 61.14                      | 71.81         | 76.54          | 79.38          | 79.39          | 78.98           |
| 16611          | 511.75                     | 886.41        | 1,131.84       | 1,381.35       | 1,562.20       | 1,733.11        |
| 16631          | 387.75                     | 667.41        | 861.71         | 1,033.57       | 1,179.22       | 1,332.54        |
| 16651          | 310.79                     | 520.24        | 649.93         | 775.86         | 900.60         | 1,004.88        |
| 16671          | 517.96                     | 900.39        | 1,135.89       | 1,385.87       | 1,800.41       | 2,163.22        |
| 16691          | 442.07                     | 759.53        | 963.70         | 1,153.34       | 1,306.88       | 1,545.93        |
| 16711          | 10.71                      | 14.84         | 17.48          | 21.22          | 25.69          | 29.93           |
| 16731          | 3.59                       | 9.71          | 15.07          | 21.38          | 28.36          | 35.00           |
| 16751          | 1.79                       | 4.86          | 7.56           | 10.78          | 14.32          | 17.64           |
| 16752          | 1.79                       | 4.86          | 7.56           | 10.78          | 14.32          | 17.64           |
| 16791          | 7.96                       | 11.86         | 13.86          | 17.39          | 20.61          | 24.92           |
| 16792          | 7.96                       | 11.86         | 13.86          | 17.39          | 20.61          | 24.92           |
| 16811          | 33.04                      | 56.68         | 71.10          | 83.84          | 93.35          | 95.23           |
| 16831          | 40.30                      | 60.73         | 70.79          | 81.01          | 90.13          | 99.61           |
| 16851          | 19.13                      | 28.10         | 31.87          | 37.83          | 42.01          | 46.75           |
| 16852          | 19.13                      | 28.10         | 31.87          | 37.83          | 42.01          | 46.75           |
| 16871          | 37.48                      | 53.36         | 61.79          | 79.58          | 85.70          | 91.78           |
| 16891          | 18.28                      | 25.12         | 31.80          | 41.66          | 43.56          | 46.77           |
| 16892          | 18.28                      | 25.12         | 31.80          | 41.66          | 43.56          | 46.77           |
| 16911          | 69.31                      | 103.41        | 121.88         | 151.19         | 176.66         | 194.71          |
| 16951          | 44.92                      | 67.79         | 81.00          | 99.56          | 118.73         | 133.42          |
| 16952          | 44.92                      | 67.79         | 81.00          | 99.56          | 118.73         | 133.42          |
| 16971          | 80.73                      | 120.26        | 162.23         | 214.18         | 236.62         | 248.29          |
| 16991          | 90.10                      | 152.86        | 219.30         | 269.66         | 279.00         | 299.75          |
| 17031          | 7.38                       | 13.01         | 15.28          | 18.99          | 22.01          | 25.35           |
| 17051          | 95.24                      | 163.46        | 225.21         | 284.75         | 292.60         | 314.89          |
| 17071          | 121.44                     | 196.25        | 251.96         | 270.46         | 273.63         | 278.25          |
| 17091          | 93.59                      | 147.54        | 212.18         | 268.19         | 271.57         | 275.03          |
| 17131          | 2.74                       | 9.94          | 14.51          | 19.13          | 23.50          | 27.54           |
| 17151          | 34.11                      | 53.84         | 66.72          | 80.33          | 92.39          | 95.20           |
| 17191          | 114.39                     | 180.66        | 240.73         | 315.85         | 325.55         | 342.01          |
| 17251          | 37.70                      | 58.95         | 72.31          | 84.85          | 96.55          | 98.33           |
| 17291          | 153.83                     | 243.15        | 309.21         | 398.96         | 434.38         | 463.43          |
| 17311          | 76.23                      | 120.62        | 154.43         | 197.68         | 216.31         | 231.68          |

**Table B-2. Future Conditions Peak Discharges (Scenario 3)**

Notes: Peak discharges usually occur at times other than the time of maximum computed water surface elevation. Peak discharges can occur in the upstream direction.

| Conduit Number | Maximum Computed Discharge |               |                |                |                |                 |
|----------------|----------------------------|---------------|----------------|----------------|----------------|-----------------|
|                | 2-Yr<br>(cfs)              | 5-Yr<br>(cfs) | 10-Yr<br>(cfs) | 25-Yr<br>(cfs) | 50-Yr<br>(cfs) | 100-Yr<br>(cfs) |
| 17312          | 76.23                      | 120.62        | 154.43         | 197.68         | 216.31         | 231.68          |
| 17351          | 150.66                     | 238.91        | 308.51         | 392.39         | 432.28         | 463.22          |
| 17371          | 149.06                     | 237.25        | 306.37         | 387.50         | 431.64         | 463.52          |
| 17391          | 6.81                       | 10.87         | 13.62          | 16.41          | 18.74          | 19.20           |
| 17392          | 6.81                       | 10.87         | 13.62          | 16.41          | 18.74          | 19.20           |
| 17393          | 6.81                       | 10.87         | 13.62          | 16.41          | 18.74          | 19.20           |
| 17394          | 6.81                       | 10.87         | 13.62          | 16.41          | 18.74          | 19.20           |
| 17411          | 158.50                     | 253.12        | 322.79         | 407.35         | 458.30         | 491.21          |
| 17431          | 27.50                      | 43.96         | 55.10          | 66.65          | 78.59          | 90.85           |
| 17451          | 27.13                      | 43.17         | 53.72          | 64.80          | 76.31          | 88.20           |
| 17471          | 174.10                     | 282.14        | 354.72         | 446.07         | 518.27         | 557.48          |
| 17491          | 187.71                     | 306.21        | 384.32         | 478.44         | 558.83         | 602.20          |
| 17551          | 593.61                     | 1,033.83      | 1,319.06       | 1,631.98       | 1,834.32       | 1,866.11        |
| 17591          | 21.50                      | 34.18         | 42.82          | 51.75          | 54.41          | 54.90           |
| 17592          | 21.50                      | 34.18         | 42.82          | 51.75          | 54.41          | 54.90           |
| 17611          | 42.95                      | 68.56         | 85.98          | 104.19         | 106.38         | 107.50          |
| 17612          | 42.93                      | 68.88         | 86.50          | 104.86         | 104.97         | 106.25          |
| 17631          | 72.77                      | 117.58        | 147.19         | 178.17         | 191.79         | 200.34          |
| 17671          | 72.89                      | 116.88        | 145.30         | 177.12         | 190.09         | 202.12          |
| 17711          | 27.87                      | 48.50         | 70.35          | 96.53          | 98.59          | 103.14          |
| 17712          | 23.24                      | 36.64         | 43.36          | 47.78          | 48.13          | 51.15           |
| 17713          | 22.18                      | 34.96         | 41.83          | 46.22          | 46.57          | 49.56           |
| 17731          | 72.43                      | 118.26        | 147.84         | 180.10         | 194.06         | 201.53          |
| 17771          | 606.28                     | 1,055.40      | 1,351.10       | 1,651.44       | 1,915.79       | 1,987.12        |
| 17791          | 606.62                     | 1,056.53      | 1,352.78       | 1,651.73       | 1,908.81       | 1,972.46        |
| 17811          | 605.66                     | 1,054.63      | 1,349.59       | 1,655.88       | 1,899.40       | 1,956.89        |
| 17831          | 608.52                     | 1,058.53      | 1,353.87       | 1,646.20       | 1,876.61       | 1,920.33        |
| 17911          | 57.71                      | 94.44         | 110.96         | 113.71         | 114.22         | 114.23          |
| 17931          | 84.37                      | 137.69        | 160.37         | 164.61         | 172.68         | 179.82          |
| 17951          | 84.58                      | 137.57        | 158.60         | 164.26         | 171.73         | 179.01          |
| 17971          | 42.50                      | 68.98         | 79.57          | 82.14          | 85.93          | 90.08           |
| 17972          | 42.50                      | 68.98         | 79.57          | 82.14          | 85.93          | 90.08           |
| 17991          | 109.17                     | 177.06        | 212.39         | 229.14         | 248.06         | 269.60          |
| 18011          | 88.37                      | 152.40        | 190.66         | 209.20         | 226.05         | 239.51          |
| 18012          | 88.37                      | 152.40        | 190.66         | 209.20         | 226.05         | 239.51          |
| 18031          | 60.73                      | 82.07         | 93.76          | 104.87         | 113.61         | 119.29          |
| 18051          | 52.19                      | 77.57         | 90.29          | 100.00         | 109.66         | 107.38          |
| 18071          | 61.39                      | 102.31        | 126.29         | 141.21         | 156.85         | 173.74          |
| 18072          | 61.39                      | 102.31        | 126.29         | 141.21         | 156.85         | 173.74          |
| 18151          | 660.07                     | 1,133.56      | 1,437.16       | 1,728.11       | 1,936.81       | 1,938.84        |
| 18191          | 1,199.45                   | 2,010.99      | 2,550.93       | 3,082.18       | 3,477.04       | 3,577.90        |
| 18211          | 1,221.37                   | 2,027.15      | 2,564.10       | 3,092.92       | 3,483.91       | 3,586.88        |
| 18231          | 8.93                       | 11.43         | 12.99          | 14.50          | 15.98          | 17.47           |

**Table B-2. Future Conditions Peak Discharges (Scenario 3)**

Notes: Peak discharges usually occur at times other than the time of maximum computed water surface elevation. Peak discharges can occur in the upstream direction.

| Conduit Number | Maximum Computed Discharge |               |                |                |                |                 |
|----------------|----------------------------|---------------|----------------|----------------|----------------|-----------------|
|                | 2-Yr<br>(cfs)              | 5-Yr<br>(cfs) | 10-Yr<br>(cfs) | 25-Yr<br>(cfs) | 50-Yr<br>(cfs) | 100-Yr<br>(cfs) |
| 18251          | 8.89                       | 11.42         | 12.98          | 14.49          | 15.98          | 17.47           |
| 18271          | 28.13                      | 32.53         | 33.36          | 34.64          | 36.34          | 37.82           |
| 18291          | 1,244.58                   | 2,063.77      | 2,611.00       | 3,151.25       | 3,559.67       | 3,678.73        |
| 18311          | 1,239.28                   | 2,054.42      | 2,600.32       | 3,139.99       | 3,548.24       | 3,665.23        |
| 18351          | 8.14                       | 9.33          | 11.11          | 13.41          | 15.66          | 17.78           |
| 18371          | 40.36                      | 60.34         | 71.37          | 79.72          | 86.14          | 92.14           |
| 18391          | 49.02                      | 77.27         | 95.82          | 114.78         | 134.03         | 153.21          |
| 18411          | 27.85                      | 44.30         | 55.30          | 66.57          | 76.04          | 75.78           |
| 18431          | 9.27                       | 19.05         | 25.51          | 33.85          | 42.27          | 50.76           |
| 18471          | 10.08                      | 12.85         | 14.33          | 16.46          | 18.56          | 20.64           |
| 18491          | 6.59                       | 9.18          | 10.33          | 11.34          | 12.47          | 14.48           |
| 18511          | 5.76                       | 13.78         | 19.32          | 24.92          | 30.32          | 34.95           |
| 18531          | 17.24                      | 27.30         | 33.85          | 40.60          | 47.58          | 55.01           |
| 18551          | 21.66                      | 32.24         | 38.57          | 44.42          | 49.12          | 52.38           |
| 18591          | 30.97                      | 45.34         | 55.88          | 66.42          | 77.05          | 87.93           |
| 18631          | 32.40                      | 51.79         | 66.43          | 82.58          | 98.87          | 122.95          |
| 18651          | 20.95                      | 33.55         | 41.58          | 49.80          | 58.19          | 67.15           |
| 18691          | 6.91                       | 6.91          | 6.74           | 6.72           | 6.70           | 6.70            |
| 18711          | 6.97                       | 8.08          | 9.06           | 9.06           | 9.08           | 9.11            |
| 18731          | 23.24                      | 27.51         | 29.18          | 29.66          | 29.89          | 30.00           |
| 18751          | 21.17                      | 23.84         | 24.27          | 24.30          | 24.33          | 24.36           |
| 18771          | 21.17                      | 24.39         | 24.68          | 24.60          | 24.69          | 24.69           |
| 18791          | 65.28                      | 94.38         | 110.63         | 127.18         | 144.49         | 163.20          |
| 18811          | 93.21                      | 141.69        | 171.93         | 203.11         | 232.25         | 276.16          |
| 18851          | 110.35                     | 170.20        | 207.35         | 244.35         | 279.08         | 337.88          |
| 18871          | 12.24                      | 19.57         | 24.40          | 29.36          | 34.43          | 39.66           |
| 18891          | 122.13                     | 189.44        | 228.54         | 263.51         | 327.05         | 388.43          |
| 18911          | 130.84                     | 204.43        | 240.74         | 270.49         | 303.01         | 322.53          |
| 18931          | 7.97                       | 12.43         | 15.15          | 17.77          | 20.38          | 21.45           |
| 18951          | 93.18                      | 153.99        | 184.22         | 217.93         | 235.61         | 242.99          |
| 18952          | 34.35                      | 39.90         | 41.93          | 43.51          | 44.53          | 45.11           |
| 18971          | 126.49                     | 185.96        | 216.11         | 249.34         | 258.91         | 264.35          |
| 18991          | 7.43                       | 11.36         | 13.55          | 15.37          | 15.78          | 16.31           |
| 19011          | 7.43                       | 11.42         | 13.63          | 15.18          | 15.25          | 15.23           |
| 19031          | 7.43                       | 10.82         | 12.44          | 13.35          | 12.68          | 12.13           |
| 19051          | 8.35                       | 14.37         | 17.92          | 20.79          | 22.85          | 24.20           |
| 19052          | 8.37                       | 14.41         | 17.97          | 20.86          | 22.93          | 24.29           |
| 19071          | 2.70                       | 2.93          | 2.96           | 2.98           | 3.00           | 3.03            |
| 19091          | 2.75                       | 3.04          | 3.15           | 3.21           | 3.25           | 3.25            |
| 19111          | 2.81                       | 3.01          | 3.16           | 3.32           | 3.41           | 3.39            |
| 19131          | 10.71                      | 14.99         | 15.73          | 17.50          | 18.69          | 19.39           |
| 19132          | 26.76                      | 42.82         | 52.92          | 58.69          | 60.78          | 63.07           |
| 19151          | 19.99                      | 34.02         | 42.15          | 48.10          | 51.98          | 53.57           |

**Table B-2. Future Conditions Peak Discharges (Scenario 3)**

Notes: Peak discharges usually occur at times other than the time of maximum computed water surface elevation. Peak discharges can occur in the upstream direction.

| Conduit Number | Maximum Computed Discharge |               |                |                |                |                 |
|----------------|----------------------------|---------------|----------------|----------------|----------------|-----------------|
|                | 2-Yr<br>(cfs)              | 5-Yr<br>(cfs) | 10-Yr<br>(cfs) | 25-Yr<br>(cfs) | 50-Yr<br>(cfs) | 100-Yr<br>(cfs) |
| 19152          | 19.99                      | 34.03         | 42.17          | 48.16          | 52.05          | 53.63           |
| 19153          | 19.99                      | 34.04         | 42.20          | 48.26          | 52.12          | 53.68           |
| 19154          | 19.99                      | 34.08         | 42.25          | 48.39          | 52.20          | 53.73           |
| 19155          | 20.00                      | 34.16         | 42.32          | 48.50          | 52.26          | 53.77           |
| 19156          | 20.03                      | 34.27         | 42.39          | 48.62          | 52.27          | 53.78           |
| 19157          | 20.08                      | 34.42         | 42.51          | 48.78          | 52.40          | 53.86           |
| 19158          | 20.18                      | 34.69         | 42.70          | 49.02          | 52.57          | 53.97           |
| 19159          | 20.29                      | 34.90         | 42.84          | 49.14          | 52.69          | 54.07           |
| 19171          | 37.59                      | 57.89         | 68.39          | 75.83          | 79.48          | 82.47           |
| 19191          | 43.78                      | 67.29         | 81.10          | 95.17          | 108.49         | 121.74          |
| 19211          | 43.65                      | 67.22         | 81.55          | 95.52          | 108.84         | 121.70          |
| 19231          | 67.61                      | 105.71        | 130.67         | 155.88         | 183.31         | 210.12          |
| 19251          | 70.64                      | 113.81        | 142.41         | 171.35         | 200.65         | 215.13          |
| 19271          | 68.85                      | 106.85        | 131.41         | 157.32         | 188.62         | 217.47          |
| 19291          | 22.78                      | 39.28         | 48.61          | 55.79          | 63.91          | 72.27           |
| 19292          | 23.22                      | 39.61         | 48.77          | 55.96          | 63.49          | 71.63           |
| 19293          | 146.14                     | 222.71        | 262.57         | 302.78         | 319.21         | 328.24          |
| 19351          | 30.79                      | 50.21         | 62.51          | 71.88          | 79.61          | 86.85           |
| 19371          | 28.87                      | 40.45         | 46.23          | 51.24          | 55.08          | 60.43           |
| 19391          | 27.06                      | 37.90         | 44.23          | 48.91          | 53.29          | 60.50           |
| 19411          | 163.21                     | 254.11        | 302.09         | 347.54         | 370.04         | 386.49          |
| 19431          | 9.59                       | 12.99         | 14.65          | 14.97          | 14.94          | 14.88           |
| 19451          | 231.29                     | 365.24        | 436.77         | 503.14         | 547.65         | 577.49          |
| 19471          | 122.20                     | 187.07        | 217.87         | 250.98         | 271.77         | 284.27          |
| 19472          | 109.01                     | 188.76        | 230.21         | 250.98         | 271.77         | 284.27          |
| 19491          | 240.51                     | 382.86        | 457.87         | 528.74         | 571.13         | 584.29          |
| 19511          | 21.64                      | 34.79         | 43.45          | 52.36          | 61.51          | 70.96           |
| 19531          | 246.53                     | 394.86        | 472.63         | 546.74         | 593.19         | 625.56          |
| 19551          | 241.33                     | 389.38        | 466.90         | 538.24         | 584.21         | 609.22          |
| 19591          | 36.77                      | 53.29         | 66.23          | 69.22          | 69.96          | 70.55           |
| 19611          | 60.82                      | 87.64         | 97.01          | 97.72          | 97.78          | 97.85           |
| 19631          | 60.80                      | 87.59         | 96.94          | 97.69          | 97.76          | 97.86           |
| 19651          | 56.54                      | 81.85         | 91.80          | 96.06          | 100.31         | 102.38          |
| 19691          | 1,220.21                   | 2,029.74      | 2,577.73       | 3,128.45       | 3,557.40       | 3,722.19        |
| 19711          | 1,365.20                   | 2,242.31      | 2,857.53       | 3,482.45       | 4,028.71       | 4,310.24        |
| 19751          | 47.63                      | 74.23         | 92.32          | 111.50         | 126.77         | 127.80          |
| 19811          | 1,150.92                   | 1,920.99      | 2,459.38       | 3,011.27       | 3,489.43       | 3,728.81        |
| 19831          | 740.22                     | 1,200.26      | 1,522.85       | 1,832.88       | 2,401.15       | 2,653.12        |
| 19851          | 603.50                     | 981.03        | 1,277.95       | 1,623.26       | 1,943.07       | 2,360.32        |
| 19871          | 604.36                     | 982.63        | 1,279.86       | 1,626.21       | 1,944.67       | 2,361.99        |
| 19891          | 54.46                      | 84.69         | 106.94         | 121.94         | 123.49         | 123.71          |
| 19911          | 49.42                      | 77.93         | 97.85          | 107.94         | 108.11         | 108.28          |
| 19971          | 606.78                     | 985.86        | 1,283.60       | 1,630.90       | 1,950.96       | 2,370.13        |

**Table B-2. Future Conditions Peak Discharges (Scenario 3)**

Notes: Peak discharges usually occur at times other than the time of maximum computed water surface elevation. Peak discharges can occur in the upstream direction.

| Conduit Number   | Maximum Computed Discharge |               |                |                |                |                 |
|------------------|----------------------------|---------------|----------------|----------------|----------------|-----------------|
|                  | 2-Yr<br>(cfs)              | 5-Yr<br>(cfs) | 10-Yr<br>(cfs) | 25-Yr<br>(cfs) | 50-Yr<br>(cfs) | 100-Yr<br>(cfs) |
| ORIFICE1@289-293 | 4.02                       | 4.87          | 4.87           | 4.87           | 4.87           | 4.87            |
| ORIFICE2@365-379 | 4.14                       | 4.99          | 5.37           | 5.95           | 7.00           | 7.15            |
| WEIR1@289-293    | 0.00                       | 1.47          | 2.79           | 3.30           | 3.68           | 3.99            |
| WEIR2@365-379    | 0.01                       | 2.64          | 3.81           | 4.47           | 4.87           | 4.88            |
| WEIR3@711-713    | 2.74                       | 9.93          | 14.50          | 19.12          | 23.49          | 27.53           |
| WEIR4@957-971    | 228.52                     | 369.46        | 446.87         | 496.35         | 536.05         | 564.04          |
| WEIR5@967-969    | 90.44                      | 143.50        | 174.11         | 180.54         | 172.20         | 324.78          |