Existing Conditions Model Pond Data

Table : Modeled Basins and Infiltration Rates

|  |  |  |  |
| --- | --- | --- | --- |
| GIS Area ID | Detention Basin Common Name | Location | Applied Infiltration Rate (inches/hour) |
| B01 | DET 10/11 | Northwest main basin | 0.1374 |
| B03 | Robert Kenner Park | W Kavanagh Ave and Golden Springs Dr | 0.0608 |
| B04 |  | Behaven Ct | 0.0608 |
| B05 | DET 5-1 | South of 11th St, west of Corral Hollow Rd, Arnulfo Plasencia Fields | 0.1105 |
| B05 | DET 5-2 | South of 11th St, west of Corral Hollow Rd, Parking Lot | 0.1105 |
| B06 | DET CP | South of 11th St, west of Crossroads Dr, Tracy Sports Complex | 0.1098 |
| B08 | DET 4 | East of MacArthur and UPRR | 0.0608 |
| B09 |  | South of E Shulte Rd near Drake Way | 0.1105 |
| B16 |  | Near DeBord Dr | 0.1105 |
| B26 |  | East of Corral Hollow, north of Kavanagh Ave | 0.0608 |
| B27 |  | East of Corral Hollow, south of Kavanagh Ave | 0.0608 |
| B30 |  | Barons Ct | 0.1105 |
| B33 |  | Independence Dr and Justice Ct | 0.1105 |
| B34 |  | Natalie Ln and Mt Oso | 0.1105 |
| B35 |  | Cherry Blossom Ln | 0.30 |
| B36 | DET 3B | Mabel Josephine Dr and W Shulte Rd | 0.0608 |
| B47 | DET 2A | Large regional basin South of Valpico Rd east of Tracy Blvd | 0.1105 |
| DET13 |  | N MacArthur Dr and Arbor Ave | 0.0608 |

Table : B01, DET 10/11

|  |  |
| --- | --- |
| Elevation (ft) | Area (ac) |
| 3.5 | 0.00 |
| 4 | 2.17 |
| 5 | 34.32 |
| 6 | 55.89 |
| 7 | 59.99 |
| 8 | 61.03 |
| 9 | 61.84 |
| 10 | 62.66 |
| 11 | 63.45 |
| 12 | 64.30 |
| 13 | 65.20 |
| 14 | 66.20 |
| 15 | 68.44 |
| 16 | 68.71 |
| 16.1 | 68.71 |

Table : B03, B03 Robert Kenner Park

|  |  |
| --- | --- |
| Elevation (ft) | Area (ac) |
| 16.3 | 0.00 |
| 16.8 | 0.07 |
| 17.8 | 0.98 |
| 18.8 | 1.28 |
| 19.8 | 1.52 |
| 20.8 | 1.82 |
| 21.8 | 2.26 |
| 22.8 | 2.73 |
| 23.8 | 2.87 |
| 24.8 | 2.97 |
| 25.8 | 3.11 |
| 26.4 | 3.14 |

Table : B04, Behaven Ct

|  |  |
| --- | --- |
| Elevation (ft) | Area (ac) |
| 29.8 | 0.00 |
| 30.3 | 0.02 |
| 31.3 | 0.10 |
| 32.3 | 0.15 |
| 33.3 | 0.19 |
| 34.3 | 0.22 |
| 35.3 | 0.25 |
| 36.3 | 0.29 |
| 37.3 | 0.38 |
| 37.7 | 0.39 |

Table : DET 5-1, Main Basin

|  |  |
| --- | --- |
| Elevation (ft) | Area (ac) |
| 38.1 | 0.00 |
| 39.1 | 0.64 |
| 40.1 | 2.53 |
| 41.1 | 5.44 |
| 42.1 | 8.30 |
| 43.1 | 11.45 |
| 44.1 | 13.07 |
| 45.1 | 13.38 |
| 46.1 | 13.51 |
| 47.1 | 13.57 |
| 48.1 | 13.60 |
| 49.1 | 13.60 |
| 50.1 | 13.60 |
| 51.1 | 13.60 |
| 52.1 | 13.60 |
| 52.5 | 13.60 |

Table : DET 5-2, Parking Lot

|  |  |
| --- | --- |
| Elevation (ft) | Area (ac) |
| 38.6 | 0.00 |
| 39.6 | 0.83 |
| 40.6 | 2.59 |
| 41.6 | 2.94 |
| 42.6 | 3.13 |
| 43.6 | 3.19 |
| 44.6 | 3.21 |
| 45.6 | 3.21 |
| 46.6 | 3.21 |
| 47.6 | 3.21 |
| 48.6 | 3.21 |
| 48.6 | 3.21 |

Table : B06, DET CP

|  |  |
| --- | --- |
| Elevation (ft) | Area (ac) |
| 41.8 | 0.00 |
| 42.3 | 0.01 |
| 43.3 | 0.36 |
| 44.3 | 1.40 |
| 45.3 | 3.42 |
| 46.3 | 4.76 |
| 47.3 | 4.94 |
| 48.3 | 5.12 |
| 49.3 | 5.29 |
| 50.3 | 5.43 |
| 50.4 | 5.43 |

Table : B08, DET 4

|  |  |
| --- | --- |
| Elevation (ft) | Area (ac) |
| 45.3 | 0.00 |
| 45.8 | 0.00 |
| 46.8 | 0.05 |
| 47.8 | 0.18 |
| 48.8 | 1.83 |
| 49.8 | 3.87 |
| 50.8 | 4.83 |
| 51.8 | 5.24 |
| 52.8 | 5.50 |
| 53.8 | 5.67 |
| 54.8 | 5.88 |
| 55.8 | 6.15 |
| 56.8 | 6.34 |
| 57.8 | 6.51 |
| 58.8 | 7.14 |
| 59 | 7.19 |

Table : B09, South of E Shulte Rd near Drake Way

|  |  |
| --- | --- |
| Elevation (ft) | Area(ac) |
| 62.5 | 0.00 |
| 63 | 0.06 |
| 64 | 0.43 |
| 65 | 0.94 |
| 66 | 1.12 |
| 67 | 1.20 |
| 68 | 1.28 |
| 69 | 1.36 |
| 70 | 1.43 |
| 71 | 1.50 |
| 72 | 1.56 |
| 73 | 1.62 |
| 74 | 1.68 |
| 75 | 1.74 |
| 76 | 1.81 |
| 77 | 1.91 |
| 78 | 2.12 |
| 79 | 2.32 |
| 80 | 2.38 |
| 80.2 | 2.38 |

Table 10: B16, Near DeBord Dr

|  |  |
| --- | --- |
| Elevation (ft) | Area (ac) |
| 86.9 | 0.00 |
| 87.4 | 0.00 |
| 88.4 | 0.08 |
| 89.4 | 0.23 |
| 90.4 | 0.51 |
| 91.4 | 0.75 |
| 92.4 | 0.86 |
| 93.4 | 0.95 |
| 94.4 | 1.03 |
| 95.4 | 1.12 |
| 96.4 | 1.20 |
| 97.4 | 1.30 |
| 98.4 | 1.38 |
| 99.4 | 1.44 |
| 99.9 | 1.45 |

Table 11: B26, North of Kavanagh Pump Station

|  |  |
| --- | --- |
| Elevation (ft) | Area (ac) |
| 17.9 | 0.00 |
| 18.4 | 0.02 |
| 19.4 | 0.09 |
| 20.4 | 0.15 |
| 21.4 | 0.21 |
| 22.4 | 0.35 |
| 23.4 | 0.44 |
| 24.3 | 0.46 |

Table 12: B27, South of Kavanagh Pump Station

|  |  |
| --- | --- |
| Elevation (ft) | Area (ac) |
| 18.6 | 0.00 |
| 19.1 | 0.00 |
| 20.1 | 0.06 |
| 21.1 | 0.20 |
| 22.1 | 0.37 |
| 23.1 | 0.60 |
| 24.1 | 0.94 |
| 25.1 | 1.11 |
| 26.1 | 1.19 |
| 26.8 | 1.22 |

Table 13: B30, Barons Ct

|  |  |
| --- | --- |
| Elevation (ft) | Area (ac) |
| 52.2 | 0.00 |
| 52.7 | 0.01 |
| 53.7 | 0.36 |
| 54.7 | 0.53 |
| 55.7 | 0.64 |
| 56.7 | 0.69 |
| 57.7 | 0.73 |
| 58.7 | 0.76 |
| 59.7 | 0.80 |
| 60.7 | 0.84 |
| 61.7 | 0.90 |
| 62.7 | 1.03 |
| 63.7 | 1.07 |
| 64.2 | 1.07 |

Table 14: B33, Independence Dr and Justice Ct

|  |  |
| --- | --- |
| Elevation (ft) | Area (ac) |
| 60.9 | 0.00 |
| 61.4 | 0.02 |
| 62.4 | 0.05 |
| 63.4 | 0.07 |
| 64.4 | 0.10 |
| 65.4 | 0.12 |
| 66.4 | 0.14 |
| 67.4 | 0.15 |
| 68.4 | 0.17 |
| 69.4 | 0.19 |
| 70.4 | 0.21 |
| 71.4 | 0.23 |
| 72.4 | 0.24 |
| 73.4 | 0.26 |
| 74.4 | 0.28 |
| 75.4 | 0.31 |
| 76.4 | 0.33 |
| 77.4 | 0.36 |
| 78.4 | 0.40 |
| 79.4 | 0.43 |

Table 15: B34, Natalie Ln and Mt Oso

|  |  |
| --- | --- |
| Elevation (ft) | Area (ac) |
| 64.5 | 0.00 |
| 65 | 0.02 |
| 66 | 0.09 |
| 67 | 0.11 |
| 68 | 0.13 |
| 69 | 0.14 |
| 70 | 0.15 |
| 71 | 0.16 |
| 72 | 0.18 |
| 73 | 0.20 |
| 74 | 0.22 |
| 75 | 0.24 |
| 76 | 0.25 |

Table 16: B35, Cherry Blossom Ln

|  |  |
| --- | --- |
| Elevation (ft) | Area (ac) |
| 124.7 | 0.00 |
| 125.2 | 0.06 |
| 126.2 | 0.10 |
| 127.2 | 0.13 |
| 128.2 | 0.15 |
| 129.2 | 0.17 |
| 130.2 | 0.20 |
| 131.2 | 0.22 |
| 132.2 | 0.28 |
| 133.2 | 0.28 |
| 133.4 | 0.28 |

Table 17: B36, DET 3B

|  |  |
| --- | --- |
| Elevation (ft) | Area (ac) |
| 49.4 | 0.00 |
| 49.9 | 0.36 |
| 50.9 | 2.56 |
| 51.9 | 2.85 |
| 52.9 | 2.95 |
| 53.9 | 3.06 |
| 54.9 | 3.17 |
| 55.9 | 3.29 |
| 56.9 | 3.41 |
| 57.9 | 3.55 |
| 58.9 | 3.62 |
| 59.9 | 3.66 |
| 60.3 | 3.66 |

Table 18: B47,

|  |  |
| --- | --- |
| Elevation (ft) | Area (ac) |
| 92.1 | 0.00 |
| 92.6 | 0.19 |
| 93.6 | 2.48 |
| 94.6 | 2.92 |
| 95.6 | 3.23 |
| 96.6 | 3.53 |
| 97.6 | 3.77 |
| 98.6 | 4.02 |
| 99.6 | 4.24 |
| 100.6 | 4.47 |
| 101.6 | 4.70 |
| 102.6 | 4.93 |
| 103.6 | 5.17 |
| 104.6 | 5.41 |
| 105.6 | 5.65 |
| 106.6 | 5.90 |
| 107.6 | 6.15 |
| 108.6 | 6.40 |
| 109.6 | 6.67 |
| 110.6 | 6.95 |
| 111.6 | 7.23 |
| 112.6 | 7.33 |
| 113.5 | 7.34 |

Table 19: DET 13, N MacArthur Dr and Arbor Ave

|  |  |
| --- | --- |
| Elevation (ft) | Area (ac) |
| 92.1 | 0.00 |
| 92.6 | 0.19 |
| 93.6 | 2.48 |
| 94.6 | 2.92 |
| 95.6 | 3.23 |
| 96.6 | 3.53 |
| 97.6 | 3.77 |
| 98.6 | 4.02 |
| 99.6 | 4.24 |
| 100.6 | 4.47 |
| 101.6 | 4.70 |
| 102.6 | 4.93 |
| 103.6 | 5.17 |
| 104.6 | 5.41 |
| 105.6 | 5.65 |
| 106.6 | 5.90 |
| 107.6 | 6.15 |
| 108.6 | 6.40 |
| 109.6 | 6.67 |
| 110.6 | 6.95 |
| 111.6 | 7.23 |
| 112.6 | 7.33 |
| 113.5 | 7.34 |