

**Lower DuPage River Watershed - Existing Conditions Non Point Source Pollution Loading Results**

| <b>Land-Use Type</b>                                       | <b>Acres</b> | <b>Chloride (lbs)</b> | <b>Sediment (tons)</b> | <b>Nitrogen (lbs)</b> | <b>Phosphorus (lbs)</b> | <b>Fecal Coliform (millions-cf)</b> |
|--|--------------|-----------------------|------------------------|-----------------------|-------------------------|-------------------------------------|
| Residential  | 37,684.13    | 19,514,700.09         | 878.16                 | 148,962.21            | 19,514.70               | 1,874,606.31                        |
| Farmhouse  | 192.25       | 34,861.55             | 3.33                   | 617.05                | 62.75                   | 10,046.53                           |
| Multi-Family   | 936.66       | 362,461.75            | 87.80                  | 5,926.74              | 1,200.04                | 70,578.09                           |
| Mobile Home Parks and Trailer Courts                       | 74.83        | 32,522.06             | 1.46                   | 248.25                | 32.52                   | 3,124.11                            |
| Commercial and Services                                    | 71.16        | 40,011.07             | 12.75                  | 765.08                | 116.25                  | 1,253.71                            |
| Primary Retail/Service                                     | 603.82       | 319,647.33            | 94.00                  | 4,178.33              | 598.87                  | 10,015.85                           |
| Primary Office/Professional                                | 800.85       | 422,686.65            | 124.69                 | 5,623.10              | 808.43                  | 13,244.48                           |
| Urban Mix  | 2,803.14     | 1,499,911.09          | 456.05                 | 15,911.22             | 3,547.09                | 46,998.29                           |
| Cultural and Entertainment                                 | 370.40       | 199,510.02            | 59.08                  | 2,709.56              | 390.93                  | 6,251.46                            |
| Hotel/Motel  | 109.32       | 59,433.55             | 17.60                  | 807.17                | 116.46                  | 1,862.29                            |
| Medical and Health Care Facilities                         | 106.68       | 46,563.94             | 8.18                   | 755.09                | 94.39                   | 1,459.04                            |
| Education Facilities                                       | 1,764.25     | 753,842.45            | 132.43                 | 12,224.47             | 1,528.06                | 23,620.94                           |
| Government Administration and Services                     | 315.10       | 130,674.98            | 22.96                  | 2,119.05              | 264.88                  | 4,094.58                            |
| Prison and Correctional Facilities                         | 54.54        | 24,757.21             | 4.35                   | 401.47                | 50.18                   | 775.74                              |
| Religious Facilities                                       | 507.63       | 214,787.22            | 37.73                  | 3,483.04              | 435.38                  | 6,730.15                            |
| Cemeteries   | 137.18       | 26,396.78             | 4.64                   | 428.06                | 53.51                   | 827.12                              |
| Other Institutional  | 79.22        | 34,031.57             | 5.98                   | 551.86                | 68.98                   | 1,066.35                            |
| Mining/Extraction  | 1,236.58     | 689,967.45            | 150.22                 | 5,727.23              | 991.87                  | 24,376.42                           |
| Manufacturing and Processing                               | 297.27       | 123,776.60            | 39.27                  | 1,497.03              | 259.26                  | 6,371.69                            |
| Warehouse/Distribution Center and Wholesale                | 1,247.60     | 514,908.32            | 163.34                 | 6,227.61              | 1,078.52                | 26,506.12                           |
| Industrial Park  | 3,244.92     | 1,359,655.95          | 431.32                 | 16,444.49             | 2,847.93                | 69,991.51                           |
| Automotive Transportation                                  | 978.20       | 4,220,082.92          | 132.67                 | 10,972.22             | 1,793.54                | 24,462.97                           |
| Other Linear Transportation with Associated Facilities     | 26.50        | 114,310.32            | 3.59                   | 297.21                | 48.58                   | 662.63                              |
| Aircraft Transportation                                    | 433.12       | 1,868,532.21          | 58.74                  | 4,858.18              | 794.13                  | 10,831.51                           |
| Communication  | 1.99         | 4,873.21              | 0.15                   | 12.67                 | 2.07                    | 28.25                               |
| Utilities and Waste Facilities                             | 1,260.84     | 2,907,441.38          | 91.40                  | 7,559.35              | 1,235.66                | 16,853.85                           |
| Row Crops, Grains, and Grazing                             | 26,127.22    | 49,683.78             | 12,812.17              | 217,773.83            | 39,516.70               | 427,895.94                          |
| Nurseries, Greenhouses, Orchards, Tree Farms and Sod Farms | 500.92       | 562.41                | 15.55                  | 1,546.62              | 224.96                  | 4,843.68                            |
| Agriculture Other  | 37.80        | 88.57                 | 3.32                   | 287.84                | 39.85                   | 762.77                              |
| Equestrian Facilities                                      | 142.04       | 227.21                | 13.06                  | 527.13                | 78.16                   | 1,956.83                            |
| Open Space, Primary Recreation                             | 1,936.88     | 2,578.82              | 14.31                  | 3,223.53              | 136.68                  | 4,271.12                            |
| Golf Courses   | 1,757.43     | 1,862.14              | 116.38                 | 4,655.36              | 1,117.29                | 3,084.14                            |
| Open Space, Primary Conservation                           | 4,387.42     | 3,917.51              | 1.96                   | 2,742.26              | 39.18                   | 6,488.30                            |
| Hunting Clubs, Scout Camps and Private Campgrounds         | 427.87       | 336.29                | 0.17                   | 235.40                | 3.36                    | 556.97                              |
| Linear Open Space Corridors                                | 78.01        | 95.14                 | 0.05                   | 66.60                 | 0.95                    | 157.58                              |
| Vacant Forest and Grassland                                | 7,005.45     | 7,232.12              | 36.88                  | 11,571.38             | 1,374.10                | 11,978.03                           |
| Wetlands Greater than 2.5 Acres                            | 1,524.63     | 3,279.05              | 16.72                  | 5,246.48              | 623.02                  | 5,430.85                            |
| Under Construction, Residential                            | 2,375.95     | 661,323.68            | 63.16                  | 11,705.43             | 1,190.38                | 21,906.06                           |
| Under Construction, Non Residential                        | 738.99       | 193,095.47            | 18.44                  | 3,417.79              | 347.57                  | 6,396.20                            |
| Other Vacant Land  | 967.26       | 1,312.25              | 7.28                   | 1,640.31              | 69.55                   | 2,173.39                            |
| Streams, Lakes, Reservoirs                                 | 4,382.27     | 23,632.05             | 36.70                  | 29,540.31             | 2,599.62                | 39,140.07                           |
| <b>Grand Total</b>   |              | <b>36,469,574</b>     | <b>16,178</b>          | <b>553,488</b>        | <b>85,296</b>           | <b>2,793,682</b>                    |
| Grand Total (per acre)                                     |              | 338.53                | 0.15                   | 5.14                  | 0.79                    | 25.93                               |