

**CAPITAL COST FOR NUTRIENT REMOVAL
AT
VIRGINIA CHESAPEAKE BAY WATERSHED
WASTEWATER TREATMENT PLANTS**

| River Basin | TOTAL CAPITAL COST |
|--------------------|-----------------------------------|
| Shenandoah | \$139,400,000 |
| Potomac | \$359,100,000 |
| Rappahannock | \$106,900,000 |
| York | \$88,180,000 |
| James | \$493,200,000 |
| Eastern Shore | \$13,700,000 |
| TOTAL = | \$1,200,480,000 |

| Shenandoah Basin | TOTAL CAPITAL COST |
|-------------------------|-----------------------------------|
| Facility | |
| Berryville | \$3,113,000 |
| Coors | \$12,410,000 |
| Fishersville | \$4,995,000 |
| Front Royal | \$4,840,000 |
| FWSA-Opequon | \$6,390,000 |
| Georges Chicken | \$1,003,000 |
| INVISTA-Waynesboro | \$0 |
| Luray | \$3,360,000 |
| Massanutten | \$2,095,000 |
| Merck | \$800,000 |
| Middle River | \$10,290,000 |
| Mt. Jackson | \$4,134,000 |
| New Market | \$3,852,000 |
| North Fork Regional | \$2,622,000 |
| North River | \$21,530,000 |
| Parkins Mill | \$9,523,000 |
| Pilgrims Pride-Alma | \$6,600,000 |
| SIL MRRS | \$2,460,000 |
| Stony Creek | \$4,134,000 |
| Strasburg | \$2,928,000 |
| Stuarts Draft | \$4,995,000 |
| VPG-Hinton | \$7,809,000 |
| Waynesboro | \$8,773,000 |
| Weyers Cave | \$3,852,000 |
| Woodstock | \$6,875,000 |
| TOTAL = | \$139,400,000 |

| Potomac Basin | TOTAL CAPITAL COST |
|------------------------|-----------------------------------|
| Facility | |
| Alexandria S.A. | \$69,130,000 |
| Aquia | \$12,000,000 |
| Arlington | \$51,590,000 |
| Blue Plains (VA Share) | \$110,500,000 |
| Broad Run | \$29,250,000 |
| Colonial Beach | \$3,625,000 |
| Dahlgren S.D. | \$1,643,000 |
| DSC #1 | \$1,060,000 |
| DSC #8 | \$1,060,000 |
| Fairview Beach | \$1,206,000 |
| HL Mooney | \$11,130,000 |
| Leesburg | \$11,090,000 |
| Noman-Cole | \$15,340,000 |
| NSWC-Dahlgren | \$2,753,000 |
| Purcellville | \$1,112,000 |
| Purkins Corner | \$2,600,000 |
| Quantico | \$4,248,000 |
| Round Hill | \$4,152,000 |
| UOSA | \$22,600,000 |
| Vint Hill | \$3,002,000 |
| - | |
| TOTAL = | \$359,100,000 |

| Rappahannock Basin | TOTAL CAPITAL COST |
|-----------------------------|-----------------------------------|
| Facility | |
| Clevengers (South Wales) | \$3,595,000 |
| Culpeper | \$6,802,000 |
| FMC | \$8,256,000 |
| Fredericksburg | \$6,160,000 |
| Ft. A.P. Hill | \$1,541,000 |
| Haymount | \$4,012,000 |
| Haynesville | \$2,989,000 |
| Hopyard Farms | \$1,359,000 |
| Kilmarnock | \$3,036,000 |
| Little Falls Run (Stafford) | \$4,769,000 |
| Marshall | \$3,291,000 |
| Massaponax | \$11,510,000 |
| Mont.-Westmoreland | \$2,647,000 |
| Mountain Run | \$4,179,000 |
| Oakland Park | \$3,012,000 |
| Omega Protein | \$11,070,000 |
| Orange | \$6,179,000 |
| Rapidan | \$3,291,000 |
| Reedville | \$3,005,000 |
| Remington | \$1,637,000 |
| Tappahannock | \$1,973,000 |
| Urbanna | \$2,722,000 |
| Warrenton | \$2,205,000 |
| Warsaw | \$3,287,000 |
| Wilderness Shores | \$4,417,000 |
| TOTAL | \$106,900,000 |

| York Basin | TOTAL CAPITAL COST |
|-------------------|-----------------------------------|
| Facility | |
| Ashland | \$2,591,000 |
| Caroline Co. | \$3,852,000 |
| Doswell | \$6,860,000 |
| Giant Refinery | \$3,500,000 |
| Gordonsville | \$5,067,000 |
| HRSD-York | \$37,200,000 |
| Mathews CH | \$2,647,000 |
| Parham Landing | \$9,490,000 |
| Smurfit Stone | \$2,000,000 |
| Totopotomoy | \$7,755,000 |
| West Point | \$7,222,000 |
| TOTAL = | \$88,180,000 |

| JAMES BASIN | TOTAL CAPITAL COST |
|--------------------------|-----------------------------------|
| Facility | |
| Alleg. Co.-Lower Jackson | \$4,678,000 |
| Amherst | \$847,200 |
| Brown & Williamson | \$2,066,000 |
| Buena Vista | \$5,491,000 |
| BWXT | \$1,000,000 |
| Chickahominy WWTP | \$4,111,000 |
| Clifton Forge | \$5,221,000 |
| Covington | \$6,296,000 |
| Crewe | \$3,739,000 |
| Dominion-Chester | \$0 |
| DuPont-Spruance | \$0 |
| Falling Creek | \$5,994,000 |
| Farmville | \$4,679,000 |
| Ga. Pacific Corp. | \$3,325,000 |
| Grief Bros., Inc | \$3,325,000 |
| Henrico Co. | \$25,300,000 |
| Honeywell-Hopewell | \$0 |
| Hopewell (1) | \$59,370,000 |
| HRSD-Army Base | \$37,100,000 |
| HRSD-Boat Harbor | \$79,700,000 |
| HRSD-Ches/Eliz | \$0 |
| HRSD-James River | \$60,800,000 |
| HRSD-Nansemond | \$23,500,000 |
| HRSD-VIP | \$5,000,000 |
| HRSD-Williamsburg | \$4,600,000 |
| J.H. Miles | \$0 |
| Lake Monticello | \$3,961,000 |
| Lees Comm. Carpet | \$2,174,000 |
| Lex-Rockbridge Reg. | \$2,890,000 |
| Low Moor | \$3,213,000 |
| Lynchburg (3) | \$54,480,000 |
| Phillip Morris | \$11,500,000 |
| Powhatan Cor. Center | \$3,115,000 |
| Proctors Creek | \$1,500,000 |
| Richmond (3) | \$32,050,000 |
| RWSA-Moores Creek | \$18,260,000 |
| South Central | \$12,100,000 |
| Tyson-Glen Allen | \$150,000 |
| WestVaco-Covington | \$1,644,000 |
| TOTAL | \$493,200,000 |

| Eastern Shore Basin | TOTAL CAPITAL COST |
|----------------------------|-----------------------------------|
| Facility | |
| Cape Charles | \$3,852,000 |
| Onancock | \$3,146,000 |
| Shore Health Services | \$2,722,000 |
| Tangier Island | \$2,722,000 |
| Tyson Food-Temperanceville | \$1,257,000 |
| TOTAL = | \$13,700,000 |

