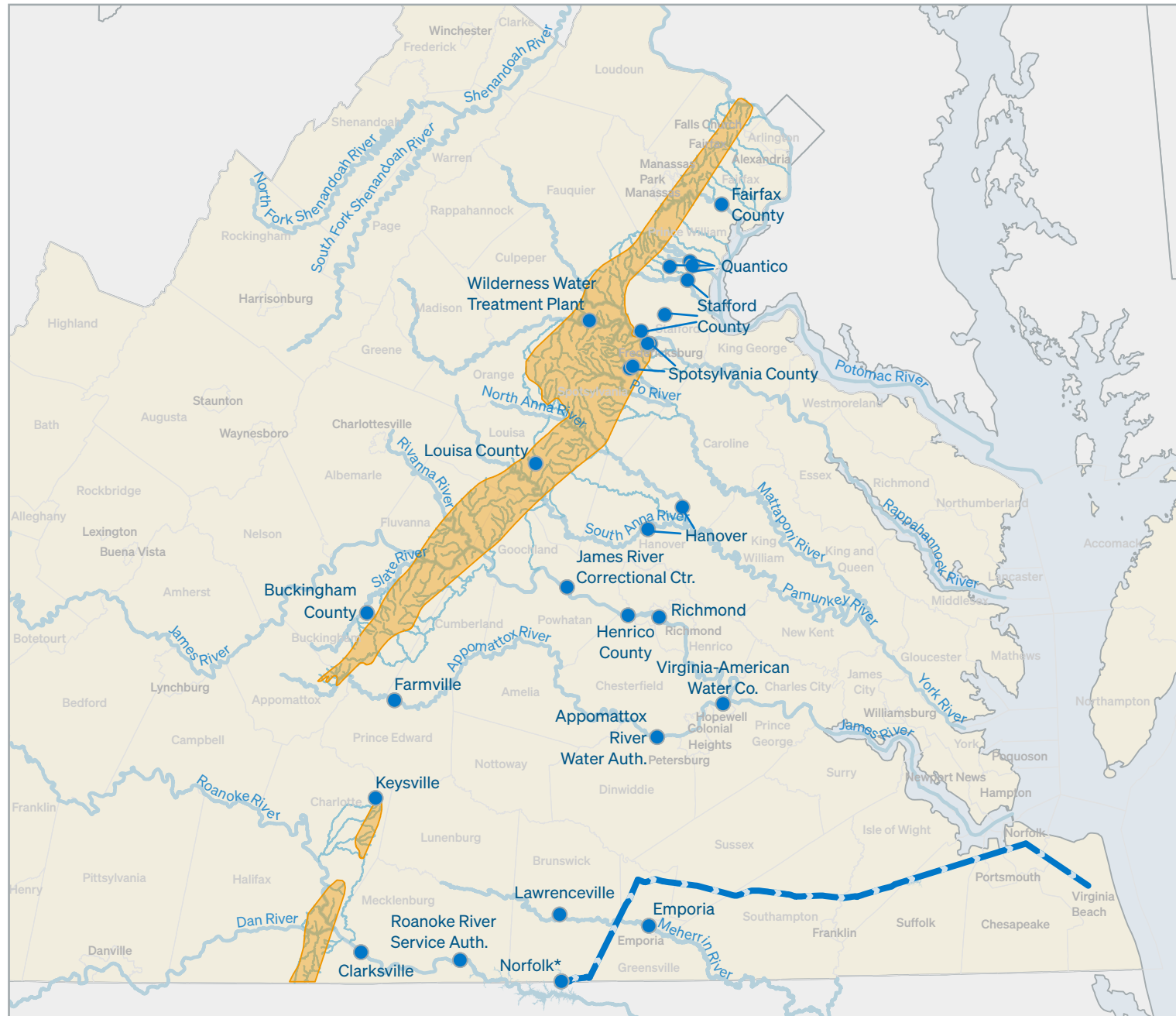


Virginia's Surface Drinking Water Systems Downstream of the Gold-Pyrite Belt

Industrial metal mining, including gold mining, is a notorious polluter of rivers and streams. It poses a significant threat to drinking water—both near the mining and downstream. Aston Bay Holdings Ltd., a Canadian company, is currently conducting exploratory drilling for gold and other metals in Buckingham and Pittsylvania Counties, and also holds mineral leasing rights in Campbell County. This map illustrates the proximity of Virginia Department of Energy's approximated Gold-Pyrite Belt to downstream surface intakes for drinking water.

| System Name | Est. Pop. Served** |
|----------------------------------|--------------------|
| Appomattox River Water Auth. | 200,000 |
| Buckingham County | 5,759 |
| Clarksville | 1,400 |
| Emporia | 5,600 |
| Fairfax County | 1,074,422 |
| Farmville | 8,212 |
| Hanover | 71,000 |
| Henrico County | 292,000 |
| James River Correctional Ctr. | 4,378 |
| Keysville | 800 |
| Lawrenceville | 6,141 |
| Louisa County | 5,654 |
| Norfolk* | 751,005 |
| Quantico | 19,000 |
| Richmond | 477,000 |
| Roanoke River Service Auth. | 10,151 |
| Spotsylvania County | 115,326 |
| Stafford County | 120,974 |
| Virginia-American Water Co. | 45,463 |
| Wilderness Water Treatment Plant | 12,847 |
| Total Population Served | 3,227,132 |



Map created by: Miller Cochran (mcochran@selcnc.org)

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Sources: US Census Bureau, Commonwealth of Virginia, VA DoE, EPA, VA Office of Drinking Water

*Norfolk and Virginia Beach partially use water that is pumped from Lake Gaston to Lake Prince.

**Population served estimates include residential and wholesale customers as shown in Virginia Department of Health, Office of Drinking Water's database.

- Surface Drinking Water Supply Intakes
- Gold-Pyrite Belt Approximation (VA DoE)
- Lake Gaston Links

