








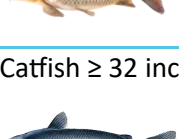


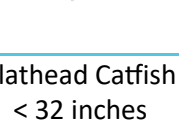


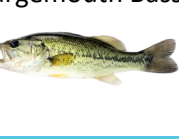







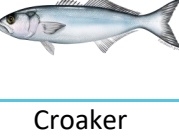

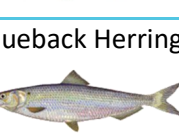


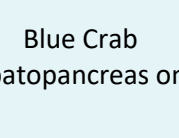




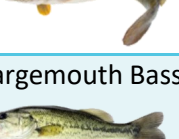
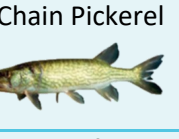



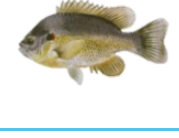




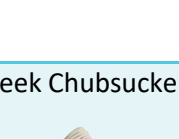
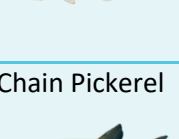

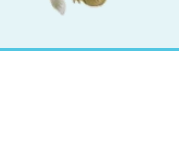
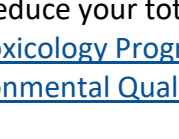



JAMES RIVER BASIN

| WATERBODY AND AFFECTED BOUNDARIES | AFFECTED LOCALITIES | CONTAMINANT | SPECIES | ADVISORIES/RESTRICTIONS |
|--|---|---|--|---|
| <p>Maury River (from Buena Vista at Rt. 60 ~15 miles to the confluence of the James River)</p> | <p>Rockbridge Co., Buena Vista City</p> | PCBs |  Redbreast Sunfish | <p>No more than two meals/month</p> |
| | | PCBs |  Rock Bass | |
| | | PCBs |  Yellow Bullhead Catfish | |
| | | PCBs |  Carp | |
| <p>James River (from Big Island Dam (below Blue Ridge Parkway) downstream to the I-95 James River Bridge in Richmond including its tributaries Hardware River up to Rt. 6 bridge and Slate River up to Rt. 676 bridge. These river segments comprise ~234 miles).</p> | <p>Amherst Co., Bedford Co., Lynchburg City, Campbell Co., Appomattox Co., Nelson Co., Buckingham Co., Albemarle Co., Fluvanna Co., Cumberland Co., Goochland Co., Powhatan Co., Henrico Co., Chesterfield Co., Richmond City</p> | PCBs |  Gizzard Shad | <p>No more than two meals/month</p> |
| | | PCBs |  Carp | |
| | | PCBs |  American Eel | |
| | | PCBs |  Flathead Catfish | |
| | | PCBs |  Quillback Carpsucker | |
| <p>James River (from the I-95 James River bridge in Richmond downstream to the Hampton Roads Bridge Tunnel and the tidal portion of the following tributaries: Appomattox River up to Lake Chesdin Dam, Bailey Creek up to Rt. 630, Poythress Run, Bailey Bay, Chickahominy River up to Walkers Dam, Skiffes Creek up to Skiffes Creek Dam, Pagan River and its tributary Jones Creek, Chuckatuck Creek, Nansemond River and its tributaries Bennett Creek and Star Creek, Hampton River, Willoughby Bay and the Elizabeth River system (Western Br., Eastern Br., Southern Br., and Lafayette River) and tidal tributaries St. Julian Creek, Deep Creek, and Broad Creek. These river segments comprise ~325 miles).</p> | <p>Richmond City, Henrico Co., Chesterfield Co., Charles City Co., Hopewell City, Colonial Heights City, Petersburg City, Dinwiddie Co., Prince George Co., Surry Co., James City., New Kent Co., Isle of Wight Co., Newport News City, Suffolk City, Portsmouth City, Hampton City, Norfolk City, Chesapeake City, Virginia Beach City</p> | PCBs |  Gizzard Shad | DO NOT EAT |
| | | PCBs |  Carp | DO NOT EAT |
| | | PCBs |  Blue Catfish ≥ 32 inches | DO NOT EAT |
| | | PCBs |  Flathead Catfish ≥ 32 inches | DO NOT EAT |
| | | PCBs |  Blue Catfish < 32 inches | <p>No more than two meals/month</p> |
| | | PCBs |  Flathead Catfish < 32 inches | |
| | | PCBs |  Channel Catfish | |
| | | PCBs |  White Catfish | |
| | | PCBs |  Largemouth Bass | |
| | | PCBs |  Bluegill Sunfish | |
| | | PCBs |  American Eel | |
| | | PCBs |  Quillback Carpsucker | |
| | | PCBs |  Smallmouth Bass | |
| | | PCBs |  Creek Chub | |
| | | PCBs |  Yellow Bullhead Catfish | |
| | | PCBs |  White Perch | |
| | | PCBs |  Striped Bass | |
| | | PCBs |  Bluefish | |
| | | PCBs |  Croaker | |
| | | PCBs |  Spot | |
| PCBs |  Blueback Herring | | | |
| PCBs |  Hickory Shad | | | |
| Kepon | All Species | PCBs advisory is more restrictive. Follow the PCBs advisory for the species listed. Any fish for species not listed, limit consumption to one meal per day. | | |
| <p>Southern Branch of the Elizabeth River and its tidal tributaries (~ 23miles)</p> | <p>Portsmouth City, Chesapeake City, Norfolk City</p> | PCBs, Dioxins |  Blue Crab (Hepatopancreas only) | <p>DO NOT EAT crab's hepatopancreas ("mustard," green gland, tomalley). This advisory applies only to avoiding eating the crab's hepatopancreas or "mustard" (image below). Crab meat is not subject to this advisory.</p>  |
| <p>Harrison Lake (entire lake, ~ 82 acres)</p> | <p>Charles City Co.</p> | Mercury |  Redear Sunfish | <p>No more than two meals/month</p> |
| | | Mercury |  Largemouth Bass | |
| | | Mercury |  Chain Pickerel | |
| | | Mercury |  Bowfin | |
| <p>Chickahominy Lake (entire lake, ~1230 acres)</p> | <p>Charles City Co., New Kent Co.</p> | Mercury |  Largemouth Bass | <p>No more than two meals/month</p> |
| | | Mercury |  Chain Pickerel | |
| | | Mercury |  Bowfin | |
| <p>Chickahominy River (from the confluence of the Chickahominy River with the James River, upstream to the State Route 360 bridge at the Henrico-Hanover County line near Mechanicsville)</p> | <p>Henrico Co., Hanover Co., New Kent Co., James City Co., Charles City Co.</p> | PFOS |  Largemouth Bass | <p>No more than two meals/month</p> |
| | | PFOS |  Chain Pickerel | |
| | | PFOS |  All Sunfish Species | |
| | | PFOS |  Black Crappie | |
| <p>Mill Creek (entire creek) near Fort Monroe</p> | <p>City of Hampton</p> | PCBs |  Gizzard Shad | <p>No more than two meals/month</p> |
| <p>Upper James River (from the head of the James near Iron Gate (at the confluence of Jackson River and Cowpasture River) to Balcony Falls Dam downstream of Glasgow (near the Maury River)</p> | <p>Botetourt Co., Rockbridge Co.</p> | PCBs |  Carp | <p>No more than two meals/month</p> |
| <p>White Oak Swamp (White Oak Swamp and all tributaries, from the confluence of White Oak Swamp and the Chickahominy River, upstream to the headwaters of White Oak Swamp and White Oak Swamp Creek near Richmond International Airport)</p> | <p>Henrico Co., Charles City Co.</p> | <p>PFOS</p> |  Creek Chubsucker | <p>DO NOT EAT</p> |
| | | |  Chain Pickerel | |
| | | |  All Sunfish Species | |

*A meal is considered to be an eight-ounce (half-pound) serving of fish.

Fish consumption advisories are reviewed annually and updated as needed. This fish consumption advisory provides meal recommendations on eating certain fish species caught from specified waterbodies. It is recommended to follow the guidance presented on this advisory to reduce your total exposure to fish contaminants. For questions about human health risks from exposure to fish contaminants, contact the [Virginia Department of Health's Toxicology Program](http://www.vdh.virginia.gov/health-services/health-protection/health-education-toxicology) at (804) 864-8182. For further information regarding waterbodies sampled or the fish tissue sampling process, contact the [Virginia Department of Environmental Quality](http://www.vdh.virginia.gov/environmental-quality).