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Virginia DEQ (.gov)
https://www.deq.virginia.gov/water/water-withdrawal

Surface Water | Virginia DEQ

Surface waters are defined as all waters that are not groundwater as defined in §62.1-255 of the Code of Virginia. A surface water withdrawal is a removal or ... Read more

AI Overview



The Virginia Department of Environmental Quality (DEQ) manages surface water through permitting withdrawals (removals/diversions) for streams, lakes, and the Potomac River under state regulations and federal Clean Water Act guidelines. DEQ regulates, protects, and monitors 100,000 miles of non-tidal rivers, public lakes, and 324,000+ acres of tidal and freshwater wetlands.

Surface Water Management & Permitting

- Permitting: Surface water withdrawals require an individual permit, which follows the Joint Permit Application process, with a target schedule of 270 days.
Water Quality Protection: The Virginia Water Protection (VWP) permit program covers activities that result in the withdrawal of water or the disturbance of wetlands and streams, authorized under Section 401 of the Clean Water Act.
Major Watersheds: DEQ oversees 9 major river watersheds, including the Potomac-Shenandoah, Rappahannock, York, James, Chowan, Roanoke, New, Tennessee, and Big Sandy.
Surface Water vs. Groundwater: While DEQ manages surface water statewide, they specifically designate two specific areas for intensive groundwater regulation: the Eastern Virginia Groundwater Management Area and the Eastern Shore Groundwater Management Area.

Compliance and Protection

- Monitoring: The DEQ monitors 100,000 miles of non-tidal streams/rivers and 248 publicly owned lakes.
Stormwater Management: The Virginia Pollutant Discharge Elimination System (VPDES) program regulates discharges, including stormwater from construction activities that disturb one acre or more.
Wetlands Delineation: The Virginia State Waters Delineation (VSWD) certification is used to identify wetlands or streams for project planning and impact mitigation.

Key initiatives also include protecting 236,000 acres of tidal and coastal wetlands and 88,000 acres of freshwater wetlands.

Ground Water | Virginia DEQ

The DEQ issues GWW permits in the following designated Groundwater...

Virginia DEQ (.gov)



Wetlands & Streams | Virginia DEQ

The DEQ's goal is to protect wetlands and streams to preserve...

Virginia DEQ (.gov)



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Virginia DEQ (.gov)

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Water Withdrawal | Virginia DEQ

Currently, there are **two Groundwater Management Areas in the state**. ... The Eastern Shore Groundwater Management Area encompasses the counties of Accomack and ... [Read more](#)

Water Withdrawal

Groundwater Withdrawal...

Drinking Water Management



Virginia Law (.gov)

https://law.lis.virginia.gov › vacodefull › title62.1 › cha...

Chapter 24. Surface Water Management Areas

"**Surface water management area**" means a geographically defined surface water area in which the Board has deemed the levels or supply of surface water to be ... [Read more](#)



Virginia DEQ (.gov)

https://www.deq.virginia.gov › water › wetlands-streams

Wetlands & Streams | Virginia DEQ

Surface water withdrawals and non-agricultural impoundments. Impacts to **surface** waters, such as land clearing, dredging, filling, excavating, draining, or ... [Read more](#)



Virginia DEQ (.gov)

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Water Laws & Regulations | Virginia DEQ

The State Water Control Board promulgates Virginia's water regulations, including permits, permit fees, **ground** water management areas, ground water withdrawals ... [Read more](#)

Water Laws & Regulations

Guidance

Water Permit Programs



enCodePlus

https://online.encodeplus.com › deq-va › doc-viewer

6.2 Site Inventory and Assessment

One example is the Eastern Virginia Ground**water** Management Area which is generally east of Interstate 95 and includes all or part of counties and cities from ... [Read more](#)



Virginia DEQ (.gov)

https://www.deq.virginia.gov › surface-waters-vpdes

Virginia Pollutant Discharge Elimination System

Questions about individual permits for specific facilities should be addressed to the **DEQ** Regional Office that serves the **area** where the facility is located. [Read more](#)

Individual Permits

Bmp Guidelines

General Permits



Virginia Environmental Data Hub

https://geohub-vadeq.hub.arcgis.com › pages

Water Datasets

This is a reference dataset for the **Virginia Water Quality Standards** for all free-flowing, freshwater streams, rivers and flowpaths designated as stockable or ... [Read more](#)

Tmdl Watersheds

Chesapeake Bay Tmdls

Biosolids Areas



YouTube · Virginia DEQ


170+ views · 6 months ago

How DEQ Works to Protect Virginia's Water Resources

This webinar will really be focused on water supply or the quantity of water that we have in Virginia.



1:30:33

10 key moments in this video 



Virginia DEQ (.gov)

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Ground Water | Virginia DEQ



There are two designated Groundwater Management Areas known as the **Eastern Virginia Groundwater Management Area** and the Eastern Shore Groundwater Management ... [Read more](#)

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Virginia DEQ Water **withdrawal permit**



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