

Environmental & Intergovernmental Reviews

In cooperation with State Agencies, PlanRVA routinely is requested to provide environmental and intergovernmental reviews. PlanRVA staff circulate the review requests among member locality staff for comments and questions prior to submitting a response to the requesting State Agency.

Environmental reviews can include:

- **Environmental Assessments and Impact Reports** - Virginia code requires state agencies to prepare an environmental impact report (EIR) for each major state project.
- **Coastal Consistency Determinations and Certifications** - Due to receipt of Federal funds or permits, proposed projects must prove consistency with the enforceable policies of Virginia's Coastal Zone Management Program.
- **Groundwater Withdrawal Permits** - PlanRVA staff receives notice of Groundwater Withdrawal Permits in the Eastern Virginia Ground Water Management Area (GWMA). The eastern portion of PlanRVA is located in the Eastern Virginia GWMA. All jurisdictions in the Eastern Virginia GWMA are notified of pending permits as part of this process, therefore PlanRVA receives review requests for projects outside of the Richmond region. For more information about the Eastern Virginia GWMA see <http://www.deq.virginia.gov/Programs/Water/WaterSupplyWaterQuantity/WaterWithdrawalPermittingandCompliance.aspx>.
- **Virginia Water Protection (VWP) Permits** - DEQ issues VWP Permits for activities related to the quality of surface waters in the Commonwealth including the filling, dredging, draining or excavation of wetlands, streams, or other state waters. Surface water withdrawals are also permitted through VWP permits.
- **Virginia Pollutant Discharge Elimination System (VPDES) Permits** – DEQ issues VPDES permits to any person who discharges any pollutant into surface waters of the Commonwealth from a point source.

Intergovernmental reviews can include:

- State Agency grant applications for Federal funding, including:
 - CERCLA grant funds from US EPA (Superfund programming and site remediation)
 - Virginia Coastal Zone Management Program funding from the National Oceanic and Atmospheric Administration
 - Diesel Emission Reduction Act (DERA) State Clean Diesel funds from US EPA
 - Capitalization funds for the Virginia Clean Water Revolving Loan Fund for wastewater treatment facility improvements from US EPA
- FHWA Section 5310 funding for projects involving transit and mobility enhancements for seniors and individuals with disabilities.

For additional information on the reviews, please go to the following:

<https://planrva.org/environment/reviews/>.

Jurisdiction	Response Date	Review Name	Environmental						Intergovernmental				
			Coastal Consistency Determination or Certification	Environmental Assessment, Impact Statement, or Impact Report	Groundwater Withdrawal Permit	VPDES Permit	VWP Permit	PSD Permit (Air Quality)	Federal funding of State Program	Superfund Remediation Application	FTA Section 5310 Funding	State Corporation Commission Application	Other
Chesterfield	10/3/2019	The Sustainability Park WWTP				X							
Hanover	10/11/2019	Specialty Coating & Laminating				X							
Hanover	10/11/2019	Hanover Courthouse Sewage Treatment Plant				X							
Hanover, Ashland, New Kent, Powhatan	10/17/2019	Power Storage Battery Pilot										X	
Henrico	10/28/2019	Department for the Blind and Vision Impaired Headquarters Building Renovation		X									
Richmond	10/18/2019	VCU Honors College Housing		X									
Virginia	10/3/2019	Performance Partnership Grant						X					
Located Outside - but potentially impacting - the Richmond Region													
Isle of Wight	10/11/2019	Town of Windsor GWWP			X								
Pittsylvania	10/3/2019	First Piedmont							X				
West Point	10/15/2019	WestRock CP LLC PSD Permit						X					

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October 2019

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Located within the Richmond Region

The Sustainability Park WWTP

Chesterfield

The Sustainability Park, LLC has applied for reissuance of a permit for the private The Sustainability Park Wastewater Treatment Plant. The applicant proposes to release treated sewage wastewaters at a rate of 2.1 million gallons per day and stormwater into the James River. Sludge from the treatment process will be disposed of by composting via a contractor. The permit will limit the following pollutants to amounts that protect water quality: nutrients, organic matter, and solids.

Specialty Coating & Laminating

Hanover

Specialty Coating and Laminating, LLC has applied for reissuance of a permit for the private Specialty Coating and Laminating, LLC. The applicant proposes to release stormwater at a maximum rate of 350,000 gallons per storm event into a water body. The facility proposes to release the stormwater in the Unnamed Tributary of the North Anna River in Hanover County. The permit will monitor the following pollutants to amounts that protect water quality: nutrients, metals, and solids.

Hanover Courthouse Sewage Treatment Plant

Hanover

The County of Hanover has applied for reissuance of a permit for the Hanover Courthouse Sewage Treatment Plant. The applicant proposes to release treated sewage wastewaters at a rate of 80,000 gallons per day into a water body. The facility proposes to release the treated sewage wastewater into the Pamunkey River in Hanover County, VA. The permit will limit the following pollutants to amounts that protect water quality: nutrients, organic matter, solids, and bacteria.

Power Storage Battery Pilot

Hanover, Ashland, New Kent, Powhatan

The Grid Transformation and Security Act of 2018 directed the SCC to establish a pilot program under which a company must submit a proposal to deploy electric power storage batteries.

VEPCO/Dominion has applied to the SCC to participate in a Battery Storage Pilot Program.

Dominion proposes 3 battery energy storage system (BESS) projects. All 3 projects have a projected operational date of Dec. 31, 2020.

- BESS-1: an AC lithium-ion BESS that will study the prevention of solar backfeeding onto the transmission grid at Dominion's Correctional Substation in New Kent

- BESS-2: a lithium-ion BESS that will study BESS as a non-wires alternative to reduce transformer loading at Dominion's Hanover Substation in Ashland

- BESS-3: a lithium-ion BESS with a DC and AC coupled system to study solar plus storage at the Scott Solar Facility on Buckingham Road in Powhatan

The installation of BESS 1 will be a single 23.5ft by 10 ft by 8 ft enclosure with associated electrical equipment on a concrete base. The installation of BESS 2 and 3 will require a concrete base with varying amounts of 40ft by 8 ft by 9 ft containers with inverters and other electrical equipment.

Given the location of projects BESS-1 and -2 in existing energy substations, environmental impacts are expected to be minimal. Environmental impacts from BESS-3 are also expected to be minimal and will be controlled through existing permitting processes.

Department for the Blind & Vision Impaired Headquarters Building Renovation

Henrico

This project contemplates the removal of all interior partitioning for the realignment and resizing of offices, meeting, storage and ancillary spaces to meeting contemporary and future needs. This project is an interior renovation with no construction work outside of the present footprint that would change the assigned square footage of the building, presently 19,529 square feet. The DEQ Procedures Manual states that "EIRs are not required for repairs, interior renovations, or "maintenance reserve" projects. The EIR is for outside work: exterior patios and landscaping. The budget for this project is \$3,106,000 for the interior renovations, and \$340,000 for the hardscape patios and planting beds with landscape plant materials, for a total construction budget of \$3,440,000. Impacts from the project are anticipated to be minimal.

VCU Honors College Housing

Richmond

VCU proposes to demolish structures located at 700 West Grace Street (VCU Facilities Management) and 708 West Grace Street (former Sally Bell's Kitchen) and to construct a new student housing building (Honors College Housing). In the absence of any natural features or conditions of interest, and in view of the nature of the project, proceeding with the proposed project is not likely to adversely affect the natural environment. Short-term lane closures are anticipated, in order to off-load construction equipment and materials. Draper Aden Associates observed that a portion of the exterior southeast wall of the building, on the second floor, is clad with cementitious shingles. Prior to initiating demolition in affected areas, asbestos-containing materials will be abated in accordance with applicable regulations, and the materials will be disposed of in a facility permitted to receive such wastes. VCU has ordered new asbestos inspections of the buildings that are located in the project area.

There is a reasonable probability that at least some residual petroleum-contaminated soils are likely to remain at that location. Draper Aden Associates (DAA) observed superficial indications (vent pipe, fill port) that an underground petroleum storage tank (heating oil) is located along the northwest side of the building. We find a reasonable probability that at least some petroleum has been released to soil from that UST system. VCU has ordered lead-based paint inspections of the buildings that are located in the project area.

DAA finds that proceeding with the proposed project will not have significant adverse effects on the natural environment. DAA finds that proceeding with the proposed project will not have significant adverse effects on the built (infrastructural) environment. DAA finds that proceeding with the proposed project will not have significant adverse effects on human health, as may be attributed to regulated substances, asbestos, or lead-based coatings.

Performance Partnership Grant

Virginia

Virginia DEQ requests \$3,278,599 in Federal funds to be matched with \$6,086,772 in matching funds for a total cost of \$9,365,371. The funds will be used for state-scale probabilistic surveys for estuarine and freshwater systems in the Commonwealth. These funds will be used for biological and chemical monitoring enhancements for data collection. Equipment and supplies will also be purchased. As available, funds will be used for data support management and analytical tools including enhancing existing agency databases, developing R tools to support data analyses, purchasing hardware to support R data analysis, and/or hiring temporary staff to support data management.

Located outside - but potentially impacting - the Richmond Region

Town of Windsor GWWP

Isle of Wight

The Town of Windsor has applied for a reissuance of a permit for the Town's public water supply in Isle of Wight County, Virginia. The permit would allow the applicant to withdraw an average of up to 466,200 of gallons per day. The groundwater withdrawal will support the Town's residential and commercial water needs. The proposed withdrawal will utilize the Potomac aquifer at a depth between 350 feet to 520 feet below the land surface at the withdrawal site. DEQ has made a tentative decision to issue the permit.

First Piedmont

Pittsylvania

Virginia DEQ requests \$15,000 in Federal funds for administrative and management duties to be performed by DEQ staff related to remediation of this Superfund site. About the site: The First Piedmont Corporation (FPC) Rock Quarry Superfund Site is approximately 13 acres located along Route 719 near the intersection of State Route 360 near Chatham, Pittsylvania County, Virginia. The site was initially operated as a quarry for mining of crushed stone. The former 2-acre abandoned rock quarry was subsequently used as an industrial dump or landfill. The site was added to the NPL on July 21, 1987. The Remedial Investigation and Feasibility Study indicated that hundreds of drums were buried in the quarry/landfill in random fashion with other solid wastes, which were not covered at the end of each day. Leachate was found on the western edge of the quarry/landfill and also found to discharge to two north ponds on the site and eventually into a drainage area north of the landfill.

WestRock CP LLC PSD Permit

West Point

WestRock CP LLC – West Point has applied for a permit to modify the West Point Mill. The facility is classified as a major source of air pollution and is located at 1901 Main Street, West Point, Virginia. The maximum annual emissions of air pollutants from the facility are not expected to increase as a result of this change. The proposed permit will combine permit terms and conditions of four existing permits issued to WestRock CP LLC – West Point into a single permit document for equipment in the Powerhouse and Kraft Pulp Mill areas in accordance with the procedures in 9VAC5-80-1915. Additionally, the applicant proposes that the restriction on the use of No. 2 fuel oil for startup purposes only be eliminated for Power Boilers 8 & 10.