

Environmental & Intergovernmental Reviews

In cooperation with State Agencies, the RRPDC routinely is requested to provide environmental and intergovernmental reviews. RRPDC 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** - RRPDC staff receives notice of Groundwater Withdrawal Permits in the Eastern Virginia Ground Water Management Area (GWMA). The eastern portion of the RRPDC 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 the RRPDC 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
- State Corporation Commission Applications

			Environmental					Intergovernmental				
New Kent	3/21/2018	Woods Edge Water System			X							
Richmond	2/14/2018	CAPUP									X	
Richmond	3/27/2018	Science Museum of Virginia Parking Deck		X								
RRPDC	2/14/2018	Project:HOMES									X	
RRPDC	2/14/2018	Senior Connections									X	
RRPDC	3/7/2018	Friends4Recovery									X	
RRPDC	1/31/2018	Heart Havens									X	
Reviews Outside RRPDC												
Hampton Roads	3/22/2018	Coastal Hazards/Resiliency								X		
Southwest Virginia	1/30/2018	Brownfields Assessment Grant								X		
Virginia	3/22/2018	Mid-Atlantic Ocean Planning Support Project								X		

Environmental and Intergovernmental Reviews

February 2018 - March 2018

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Located within the Richmond Region

VCU Rice Rivers Center – Research Building

Charles City

Construction of the Research Building at VCU Rice Rivers Center is viewed as a “living laboratory” for environmental studies; the proposed Research Building will provide laboratory and office space for scientific research. The University proposes to construct a new building to facilitate environmental research. The new building will largely consist of laboratory and office space, but will also include a library. In addition, the Center for Conservation Biology, which is currently housed at the College of William and Mary, will relocate to this new facility.

The Environmental Impact Report finds no indication that the proposed project is associated with significant detrimental impacts as they may pertain to the natural environment, historic cultural resources, or the built environment (provided that the measures noted in report are implemented). Similarly, no indication was found that the proposed project is associated with significant detrimental impacts to human health as may be attributed to regulated substances, asbestos, or lead-based coat.

Chesterfield Community Services Board FTA Section 5310 Funding

Chesterfield

The Chesterfield Community Services Board (CCSB) is seeking FTA Section 5310 funding to purchase one 9-passenger raised roof van with lift and Mobility Management trip planning software. The total project cost is estimated to be \$305,000. The grant funds will pay for 80% of the cost with the agency covering the remaining 20% balance. The van and software will enhance transportation capacity and safety for individuals with intellectual/developmental disabilities and mental illness to and from employment sites, community integration and socialization programs.

VSU Randolph Farm 18-020S

Chesterfield

The purpose of the proposed project is to expand the office space for the College of Agriculture at VSU. The proposed project will be located on approximately 0.15 acres and will consist of an office trailer and supplementary parking. The construction details also include asphalt pavement and gravel parking spots, sanitary structures, and an accessibility ramp.

No irreversible environmental impacts of notable consequence were identified in association with project implementation. The loss of approximately 0.15 acres of open green space presents a minimal environmental impact when considering overall green space at the Randolph Farm.

Despite the impacts identified and considering the proposed mitigation plans, implementation of the proposed project does not reduce or alter streamflow, disturb or destroy archeological sites, result in clearing or construction within a scenic area, consume significant land or generate significant demands on the natural resources of the immediate or surrounding area.

Totopotomoy Wastewater Treatment Plant (WWTP)

Hanover

Hanover County has applied for reissuance of a permit for the public Hanover County Totopotomoy Wastewater Treatment Plant. The applicant proposes to release treated sewage wastewaters at a rate of 10 million gallons per day into the Pamunkey River in the York River watershed. Sludge from the treatment process will be disposed of by a licensed contract hauler. The permit will limit the following pollutants: organic matter, solids, nutrients and bacteria.

Strawhorn Subdivision

Hanover

Hanover County Dept. of Public Utilities has applied for a reissuance of a permit for groundwater withdrawal for a municipal public water supply in Hanover County, Virginia. The permit would allow the applicant to withdraw an average of 15,300 gallons per day. The groundwater withdrawal will support a municipal public water supply. The proposed withdrawal will utilize the Potomac aquifer at a depth between 225 feet to 434 feet below the land surface at the withdrawal site. DEQ has made a tentative decision to issue the permit.

Sinclair Manor Subdivision

Hanover

Hanover County Dept. of Public Utilities has applied for a reissuance of a permit for groundwater withdrawal for a municipal public water supply in Hanover County, Virginia. The permit would allow the applicant to withdraw an average of 13,000 gallons per day. The groundwater withdrawal will support a municipal public water supply. The proposed withdrawal will utilize the Potomac aquifer at a depth between 255 feet to 595 feet below the land surface at the withdrawal site. DEQ has made a tentative decision to issue the permit.

Virginia Public Safety Training Center - Hanover

Hanover

DMME proposes to install 1,140 solar panels in 30 arrays, solar system equipment and underground output feeder, and fencing at the Department of Juvenile Justice owned Virginia Public Safety Training Center (VPSTC) in Hanover County. The area of disturbance for the proposed project is 3.2 acres. The purpose of the proposed project is to provide renewable energy to the VPSTC. The site of the proposed project is maintained as open green space bounded by forest, the Hanover County landfill, VPSTC structures, associated parking areas, an unnamed pond, and open green space. The proposed project is expected to have minimal environmental impact.

Division of Fire Boathouse at Osborne Park and Boat Facility

Henrico

Henrico County is proposing a facility that will support their marine fire and safety program that includes the James River and immediate waterways. The County Division of Fire is proposing the construction of a new, 4-slip, 94-foot by 55-foot, enclosed boathouse for County fire and police vessels. A 7-foot wide by 100-foot long access pier will connect the boathouse to a 4-space parking lot located within the 26.1 acre, Osborne Park & Boat Landing facility on the James River in Henrico County. In 2016 a fire at the Richmond Yacht Basin destroyed the County's existing fire boat and has prompted the County to seek new arrangements for their fire and rescue vessels.

Henrico County has determined that the proposed project will have no adverse effect on the coastal uses and/or natural resources of Virginia that are addressed by the policies of the Virginia Coastal Resource Management Program.

Transportation Network Carrier (TNC) Parking Lot

Henrico

Construction of a new approximately 340 foot by 750 paved surface for the TNC parking lot to be located on a CRAC owned property at Richmond International Airport. The purpose of the proposed parking lot is for contract vehicle transportation operators for private companies such as Uber and Lyft to wait for customers on arriving flights at the Airport. The site is currently a mowed and maintained grassed field with a sanitary sewer easement along the north portion of the project footprint and a culverted drainage way in the southeastern portion of the project footprint.

The planning and design phase of the proposed project action would have no coastal zone effects to relevant Virginia CRMP elements. All applicable permits required for the proposed action will be obtained and complied with throughout project duration. A review of the permits and/or approvals required under the Enforceable Regulatory Program has been conducted.

Woodman Road Extension (Section 3) and Greenwood Road Roundabout

Henrico

The Woodman Road Extension – Section 3, and Greenwood Road Roundabout projects (the Projects) are located in north-central Henrico County, Virginia. The Woodman Road Extension project has been planned since the mid-1950's, and is included as a Minor Arterial on the County's 2026 Major Thoroughfare Plan. Section 3 of the Woodman Road Extension consists of approximately 0.60 miles of new Class VIII roadway, extending Woodman Road from Greenwood Road to the eastern side of the Dominion Energy transmission easement, approximately 900 feet east of Winfrey Road. The Woodman Road extension is anticipated to have an at-grade intersection with Winfrey Road. This new road is intended to accommodate a four-lane, divided roadway and a twelve (12) foot shared-use path along the north side of the road within a 100-foot right-of-way (ROW), with curb and gutter, drainage improvements, utilities, environmental compliance, traffic signalization, associated turn lanes, lighting, and landscaping. Section 3 of the Woodman Road Extension will connect with Greenwood Road which will also be improved as a separate and complete project being designed, permitted and constructed by Henrico County. The Woodman and Greenwood Road intersection will be a single-lane, three-legged roundabout. Ancillary improvements to Greenwood Road will be made east and west of the intersection. The Projects will result in unavoidable impacts to non-tidal waters of the US, including wetlands.

Beth Sholom FTA Section 5310 Funding

Henrico

Beth Sholom Lifecare Community is seeking FTA Section 5310 funding to purchase one minivan with ramp. The total cost of the project is approximately \$40,000. The federal grant is for 80% of the cost with the agency responsible for the 20% balance. Beth Sholom will use the van to provide demand-responsive transportation for senior and disabled clients in the Richmond region. Trips will be for agency-related activities, medical appointments, grocery stores, and other destinations.

I-64/Route 156 Bridge Replacement and Interchange Improvement

Henrico

The purpose of this project is to replace the structurally deficient I-64 Westbound and Eastbound bridges as well as convert the interchange into a partial cloverleaf and corresponding pavement upgrades along Route 156 (South Airport Drive) in Henrico County, VA. The two existing I-64 East and West bridges will be replaced with one structure, widening occurring to the inside of the bridges, and increasing the vertical clearance from 14'6" to 16'6". Route 156 will be brought up to standard to the termini of the merge/acceleration lanes. The existing interchange will be converted from a full cloverleaf to a partial cloverleaf (removing ramps B & D) in an attempt to reduce the construction limits and impacts along Route 156, the ramps, and the loops of the interchange. In addition, 245 linear feet of a jurisdictional ditch within the project area will be impacted. New, signalized median cross-overs on Route 156 will be constructed to facilitate this interchange reconfiguration, and crashes along I-64 will be reduced by removing the weave.

To compensate for unavoidable impacts to wetlands, VDOT proposes the following compensation strategies and ratios:

- VDOT's Chickahominy Env. Bank Mitigation Site (PEM 1:1; PFO 2:1) – debit 147,108 SF from wetlands ledger

VDOT is seeking a Corps of Engineers Individual Permit and a DEQ Virginia Water Protection (VWP) Individual Permit.

North Gayton Village (17-1460)

Henrico

The project consists of the construction of a residential development, which includes the construction of 39 single family residential lots, a senior assisted living facility, roadways, utility infrastructure, and storm water management facilities. The proposed activity will result in permanent impacts to no more than 0.98 acre of forested wetland and 0.33 acre of emergent wetland. In addition, the project shall result in temporary impacts to no more than 0.01 acre of forested wetland. The activity proposed in the permit will affect wetlands that drain to Tuckahoe Creek in the James River watershed.

The applicant will provide compensation for permanent impacts to wetlands authorized by this permit through the purchase of 2.29 wetland mitigation bank credits from a mitigation bank in the same or adjacent watershed.

Total cumulative impacts for this facility, including those authorized by this permit and by previous permits, will be permanent impacts to 1.291 acres of forested wetlands, 0.041 acre of scrub-shrub wetlands, 0.39 acre of emergent wetlands, 1.445 acres of open water, 13 linear feet of stream channel and temporary impacts to 0.08 acre of forested wetland. The DEQ's preliminary decision is to issue the permit.

2018 Richmond International Airport Future Development

Henrico

The four elements of the project include:

- 1-Cargo Operations Facility
- 2-Maintenance Storage Building at the Airport Maintenance Facility
- 3-Salt/Sand Storage Dome
- 4-Aircraft Rescue and Fire Fighting (ARFF) Training Area

These improvements are planned for in the 2009 Master Plan Update for the airport. They are necessary because sustained growth in traffic is forecast over the next 20 years.

Woods Edge Water System

New Kent

New Kent County has applied for a reissuance of a groundwater withdrawal permit for the Woods Edge subdivision in New Kent County, Virginia. The permit would allow the applicant to withdraw an average of 37,975 of gallons per day. The groundwater withdrawal will support the public water system. The proposed withdrawal will utilize the Potomac aquifer at a depth between 280 feet to 605 feet below the land surface at the withdrawal site. DEQ has made a tentative decision to issue the permit.

CAPUP FTA Section 5310 Funding

Richmond

CAPUP is seeking capital assistance through the FTA Section 5310 program to purchase transportation equipment. CAPUP intends to purchase a 19-passenger van with lifts. The total cost of the project is \$65,000.00. The Federal grant is for 80% of the total cost with the agency being responsible for the remaining 20% balance. CAPUP intends to use the vehicle to transport elderly in the City of Richmond to the CAPUP/Friendship Café on 4 days each week. Additional trips for shopping and other purposes will also be provided.

Science Museum of VA Parking Deck

Richmond

The proposed project involves the conversion of surface parking located at the Science Museum of Virginia into green open space and a 4-level parking deck. Currently the existing surface parking is shared by the Science Museum of Virginia and the Children's Museum of Richmond; the need for parking has started to exceed the parking currently available. Additionally, the Science Museum frequently hosts special events requiring large outdoor gathering space. The purpose of the project is to provide additional parking and event space. The green space along West Broad Street will also create a more pleasant setting for visitors to the museums and riders of the Pulse Rapid Transit system, currently under development. The proposed project is not expected to have any significant negative impacts on the natural resources of the surrounding area; no irreversible environmental damages are anticipated.

Heart Havens FTA Section 5310 Funding

RRPDC

Heart Havens, Inc. is seeking capital assistance from the Commonwealth of Virginia through the FTA Section 5310 program to purchase transportation equipment. Heart Havens is requesting funding to support two 5-passenger minivans with handicap-accessible ramps to support individuals with developmental disabilities for community engagement. The total cost of the project is approximately \$80,000.00. The federal grant is for 80% of the total cost and the agency is responsible for the balance.

Project:HOMES FTA Section 5310 Funding

RRPDC

Project:HOMES is seeking capital assistance through the FTA Section 5310 program to purchase transportation equipment. Funding is requested to purchase two 14-passenger vans with lift and one 9-passenger raised roof van with lift. The total cost is approximately \$185,000. The Federal grant is for 80% of the total cost with the agency being responsible for the 20% balance. Project:HOMES plans to provide transportation for elderly and disabled residents of the William Byrd Senior Apartments, Parham Park Place Senior Apartments, and Omni Senior Apartments to medical appointments, grocery and shopping destinations, and social visitations.

Senior Connections FTA Section 5310 Funding

RRPDC

Senior Connections is seeking operating assistance funding to provide mobility management and transportation services for older adults and persons with disabilities, primarily to and from medical appointments and treatment facilities as we as serve as the Human Service Transportation Coordination Entity. The total project cost estimation is \$250,000. The grant funds requested will cover 50% of the project cost.

Freinds4Recovery FTA Section 5310

RRPDC

Friends4Recovery proposes to purchase a 9-passenger van with a wheelchair lift through the FTA Section 5310 Program. The total project cost is approximately \$55,000. The federal grant is for 80% of the total cost with the organization committing the remaining 20%. The Friends4Recovery Whole Health Center plans to provide transportation for people with disabilities due to a mental health challenge or substance use disorder. Friends 4 Recovery intends to transport clients from their residences in the greater Richmond area to the Center for peer support groups and other wellness programs, or to other destinations for social outings and community events.

Located outside - but potentially impacting - the Richmond Region

Brownfields Assessment Grant

Southwest Virginia

DEQ is requesting \$300,000 in Federal Funds through a FY18 EPA Community-Wide Brownfields Assessment grant. Activities covered by the grant will include prioritization of brownfields, up to 12 Phase I Environmental Site Assessments, 6 Phase II Environmental Site Assessments, 2 remedial plans and 2 reuse plans. Communities of focus for the grant are the Counties of Smyth, Wythe, Bland, Carroll, and Grayson, and the City of Galax. The overarching goal of the grant is to provide for environmental assessment thereby setting the stage for future economic development opportunities in the region.

Mid-Atlantic Ocean Planning Support Project

Virginia

DEQ is requesting \$97,897 to fund implementation of the Mid-Atlantic Regional Ocean Plan. The funds will be passed contractually to the Mid-Atlantic Regional Council on the Ocean (MARCO). This project will focus on two of the Mid-Atlantic Regional Ocean Action Plan's (Mid-A OAP) Healthy Ocean Ecosystem actions: Action #2: Map shifts in ocean habitats and species and Action #5: Develop, monitor and assess indicators of the health of the Mid-Atlantic regional ocean ecosystem. The goal of Action 2 is to better understand, map and disseminate information about existing, historic, expected or potential spatial shifts in habitats and living marine species. The goal of Action 5 is to identify measures of ocean ecosystem health, and develop a program for monitoring those indicators over time and displaying them in one easily accessible location. Discussions and information gained through the implementation of Action #2 informs the development of Action #5, insofar as how indicators may be developed that take into account anticipated shifts in species and habitat due to climate change.

MARCO staff will compile information gained throughout the task to develop a regionally shared list of data needs regarding species shifts for further consideration by the Shifting Species Work Group and Healthy Ocean Indicators Work Group.

Coastal Hazards/Resiliency Project

Virginia

The Virginia Coastal Zone Management Program at DEQ is requesting \$210,669 in Federal funds for the proposed project. No matching funds are required.

A better understanding of geologic conditions in the vicinity of Norfolk and Virginia Beach is necessary to effectively manage growth in these coastal areas and promote community resiliency. This project will involve compiling existing geologic data, collecting new data, and producing GIS maps that identify the type and characteristics of sediment that underlies each portion of the coastal zone within the proposed area.

This project will support the Coastal Zone Management (CZM) Coastal Hazard strategy goal of developing state and local plans to enhance coastal resiliency by providing data that promotes more informed decisions. The products of this work will directly benefit the following ongoing activities: 1) accelerating development of site-specific shoreline management recommendations and local comprehensive plan elements, 2) developing a state atlas and corresponding policy to build resiliency, 3) providing more accurate vulnerability assessments, and 4) helping localities develop comprehensive plan elements to address climate change issues.