

# Environmental and Intergovernmental Reviews

December 2020 - January 2021

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.

## Located within the Richmond Region

### **Allied Chesterfield Transmission Line Partial Rebuild**

*Chesterfield*

The proposed Rebuild Project will replace aging infrastructure that is at the end of its service life in order to comply with the Company's mandatory transmission planning criteria, thereby enabling the Company to maintain the overall long-term reliability of its transmission system, as well as to provide important system benefits to the Company's entire network. Specifically, the Company proposes to rebuild approximately 2.9 miles of existing line. PlanRVA staff responded with no comments.

### **Addison-Evans Water Production and Laboratory Facility**

*Chesterfield*

Chesterfield County Utilities Department has applied for reissuance of a permit for the public Addison-Evans Water Production and Laboratory Facility. The applicant proposes to release industrial wastewater at a rate of 500,000 gallons per day into a water body. Sludge from the process will be disposed of by discharge to the sanitary sewer to Proctors Creek Wastewater Treatment Plant. The facility proposes to release the treated industrial wastewaters in the Swift Creek in Chesterfield County in the Appomattox River watershed. The permit will limit the following pollutants to amounts that protect water quality: physical and chemical properties, nutrients, solids, and inorganics. PlanRVA staff responded with no comments or concerns.

### **Proctors Creek Wastewater Treatment Plant**

*Chesterfield*

Chesterfield County has applied for reissuance of a permit for the public Proctors Creek WWTP. The applicant proposes to release treated sewage wastewaters from residential areas and treated industrial wastewaters at a rate of 27,000,000 gallons per day into a water body. The sludge will be hauled by a contractor for land application. The facility proposes to release the treated sewage and treated industrial wastewaters in the James River in Chesterfield County. PlanRVA staff received no comments from locality staffs. PlanRVA staff responded with no comments about the proposed permit.

## **Matoaca High School**

### *Chesterfield*

Chesterfield Country School Board has applied for reissuance of a permit for the public Matoaca High School. The applicant proposes to release treated sewage wastewaters at a rate of 40,000 gallons per day into a water body. Sludge from the treatment process will be disposed at Chesterfield County's Proctors Creek Wastewater Treatment Plant. The facility proposes to release the treated sewage in the Swift Creek in Chesterfield County, VA in the James River watershed. The permit will limit the following pollutants to amounts that protect water quality: nutrients, organic matter, solids, and bacteria. PlanRVA staff received no comments from locality staffs. PlanRVA staff resealed with no comments about the proposed permit.

## **Phillip Morris**

### *Chesterfield*

Philip Morris USA Inc, has applied for reissuance of a permit for the private Philip Morris USA Inc. – Park 500 facility. This facility is an Extraordinary Environmental Enterprise participant in Virginia's Environmental Excellence Program. The applicant proposes to release 2.9 million gallons per day of treated industrial wastewaters into a water body. Sludge from the treatment process is blended and composted by a third party. The facility proposes to release treated industrial wastewaters into the James River in Chesterfield County in the James River watershed. The permit will limit the following pollutants to amounts that protect water quality: bacteria, nutrients, organic matter, physical and chemical properties, solids, and inorganics. This facility is subject to the requirements of 9VAC25-820 and has registered for coverage under the General VPDES Watershed Permit Regulation for Total Nitrogen and Total Phosphorus Discharges and Nutrient Trading in the Chesapeake Bay Watershed in Virginia (Nutrient GP). PlanRVA staff received no comments from member locality staff representatives. PlanRVA staff responded with no comments or concerns about the proposed permit.

## **Manakin Farms Wastewater Treatment Plant**

### *Goochland*

Aqua Virginia, Inc. has applied for reissuance of a permit for the private Manakin Farms WWTP. The applicant proposes to release treated sewage wastewaters from residential areas at a rate of 100,000 gallons per day into a water body. The sludge will be hauled away to a landfill. The facility proposes to release the treated sewage in an unnamed tributary of the Little River in Goochland County in the Chesapeake Bay watershed. The permit will limit the following pollutants to amounts that protect water quality: physical and chemical properties, nutrients, organic matter, solids, bacteria, and inorganics. PlanRVA staff received no comments from locality staffs. PlanRVA staff resealed with no comments about the proposed permit.

## **Department of Forensic Science and Office of the Chief Medical Examiner Central Lab**

*Hanover*

The proposed project includes the development of the Department of Forensic Science and Office of the Chief Medical Examiner Central Lab to be located on the southeast corner of Studley Road and Times Dispatch Boulevard in Mechanicsville, Hanover County, Virginia. The proposed project involves the development of the site into an “H” shaped building consisting of 2 separate wings. The proposed buildings are intended to be utilized as wet and dry lab space as well as office and training space for the Central Virginia Office of the Department of Forensic Science (DFS) and the Office of the Chief Medical Examiner (OCME). The proposed gross building square footage is 288,000 square feet, with adequate parking for 351 vehicles in parking lots surrounding the proposed building. The limits of disturbance proposed for future development consists of approximately 15-acres of the 24.804-acre property, and is currently undeveloped. It is located in a mixed light industrial, commercial, and residential area of Hanover County and the desired start of construction is Spring of 2021. Based on the provided site plans for the proposed facility, observation of the property, and the review of the natural and cultural resources existing at the site, the potential project environmental impacts appear to be limited and are not expected to be significant. PlanRVA staff responded with no comments or concerns about the proposed project.

## **Kings Acres Road Apartments**

*Hanover*

The proposed project will construct multifamily housing on the subject property located in the southeast corner of Brook Road and Kings Acres Road in Hanover County. The proposed project requires a Federal Consistency determination because it is being processed through HUD’s Multifamily Accelerated Program (MAP) Section 221(d)(4): Mortgage insurance for the new construction or substantial rehabilitation of apartments. The property currently consists of wooded and naturally vegetated land with the Chickahominy River running along the southern property boundary. There are three (3) current residences and two (2) garages located on the northern portion of the property. The current residences and associated improvements are slated for demolition for the redevelopment of the property with the Kings Acres Road multifamily apartment complex. Current on-site improvements that will remain on the property after redevelopment consist of a high-tension powerline that intersects the central portion of the property from east to west. The proposed apartments will be serviced by electricity and municipally supplied water and sewer. The proposed undertaking includes the new construction of eight (8) apartment buildings housing a total of 300 multifamily apartment units. Additional improvements will include paved surface parking, paved walkways and drives, and associated landscaping. The proposed project is not anticipated to have adverse impacts on coastal uses or natural resources. PlanRVA staff received no comments from locality staff. PlanRVA staff responded with no comments about the proposed project.

## **Ashland Wastewater Treatment Plant**

*Hanover*

Hanover County has applied for reissuance of a permit for the public Ashland Wastewater Treatment Plant. The applicant proposes to release treated sewage wastewaters at a rate of 2 million gallons per day into a water body. Sludge from the treatment process will be disposed at landfill. The facility proposes to release the treated sewage wastewater to the South Anna River in Hanover County in the York River watershed. The permit will limit the following pollutants to amounts that protect water quality: physical and chemical properties, nutrients, organic matter, solids, and bacteria. PlanRVA staff received no comments from locality staff. PlanRVA staff responded with no comments or concerns about the proposed permit.

## **819 Virginia LLC**

### *Hanover*

819 Virginia LLC has applied for reissuance of a permit for the private 819 Virginia Paper Mill. The applicant proposes to release treated industrial wastewaters and storm water at a rate of 1.5 million gallons per day and 9.6 million gallons per day respectively into a water body. Sludge from the treatment process will be burned on site in a facility boiler, or disposed of at the facility-owned captive landfill. The facility proposes to release the treated industrial wastewaters and storm water in the North Anna River in Hanover County in the York River watershed. The permit will limit the following pollutants to amounts that protect water quality: physical and chemical properties, nutrients, organic matter, solids, and temperature. PlanRVA staff received no comments from locality staff. PlanRVA staff responded with no concerns or comments.

## **Doswell Wastewater Treatment Plant**

### *Hanover*

Hanover County has applied for reissuance of a permit for the public Doswell Wastewater Treatment Plant. The applicant proposes to release treated sewage wastewaters at a rate of 2 million gallons per day into a water body. Sludge from the treatment process will be disposed of as municipal solid waste at the King and Queen Landfill. The facility proposes to release the treated sewage wastewater to the North Anna River in Hanover County in the York River watershed. The permit will limit the following pollutants to amounts that protect water quality: physical and chemical properties, nutrients, organic matter, solids, and bacteria. This facility is subject to the requirements of 9VAC25-820 and has registered for coverage under the General VPDES Watershed Permit Regulation for Total Nitrogen and Total Phosphorus Discharges and Nutrient Trading in the Chesapeake Bay Watershed in Virginia (Nutrient GP). PlanRVA staff received no comments from locality staff. PlanRVA staff responded with no concerns or comments.

## **Pouncey Tract Apartments**

### *Henrico*

This project is undergoing a Federal Consistency Determination because the project is being processed through HUD's Multifamily Accelerated Program (MAP) Section 221(d)(4): Mortgage insurance for the new construction or substantial rehabilitation of apartments. The current commercial building and associated improvements are slated for demolition for the redevelopment of the property with the One Pouncey multifamily apartment complex. The proposed apartments will be serviced by electricity and municipally supplied water and sewer. The proposed undertaking in the HUD collateral includes the new construction of two (2) buildings housing a total of 202 apartment units. Exterior amenity areas will be located within the courtyard of the southernmost building. The remaining areas of the HUD collateral will consist of paved parking areas and two detached garages. Access to the site will be provided off of Twin Hickory Lake Drive to the north, Pouncey Place to the south, and Pouncey Tract Road to the west. The proposed One Pouncey Apartments will not have an adverse effect on the coastal uses and/or natural resources of Virginia that are addressed by the twelve (12) enforceable policies of the Virginia Coastal Zone Management Program (CZM). PlanRVA staff received no comments from member locality staffs. PlanRVA staff responded with no comments.

## **Lanexa-Northern Neck 230 kV Line**

### *New Kent*

Dominion Energy Virginia proposes to do the following: (i) Rebuild within an existing right-of-way or on Company-owned property, approximately 38.3 miles of the existing 41.3-mile long 230 kV Lanexa-Northern Neck Line #224, which is nearing its end of life, on new double circuit structures; (ii) Install approximately 40.5 miles of new 230 kV Lanexa-Northern Neck Line #2208 collocated on double circuit structures with Line #224; (iii) Perform expansion and installation work at the Company's existing Lanexa and Northern Neck Substations, and minor work at the Dunnsville Substation; and (iv) Perform minor transmission-related work on Lines #2016, #2076, #2113, and #2129. The proposed Project will replace aging infrastructure at the end of its service life in accordance with the Company's mandatory electric transmission planning criteria as well as resolve potential violations of NERC Reliability Standards, thereby enabling the Company to maintain the overall long-term reliability of its transmission system. This work will take place in New Kent County in the Richmond region and in localities outside the PlanRVA area. PlanRVA staff responded with no comments or concerns.

## Located outside - but potentially impacting - the Richmond Region

### **Food Lion Groundwater Withdrawal**

#### *Prince George*

Prince George County Utilities Department has applied for a reissuance of a permit for the Food Lion Industrial Water System in Prince George County, Virginia. The permit would allow the applicant to withdraw an average of 83,561 of gallons per day. The groundwater withdrawal will support the municipal water system. The proposed withdrawal will utilize the Potomac aquifer at a depth between 115 feet to 260 feet below the land surface at the withdrawal site. An aquifer is a body of rock or layer of sediment in the ground in which groundwater is stored and transported. DEQ has made a tentative decision to issue the permit. PlanRVA staff received no comments from member locality staff representatives. PlanRVA staff responded with no comments about the proposed permit.

### **Town of Courtland**

#### *Southampton*

The Town of Courtland has applied for a reissuance of a permit for the Town of Courtland Water System in Southampton County, Virginia. The permit would allow the applicant to withdraw an average of 145,206 gallons per day. The groundwater withdrawal will support the Town's potable water needs. The proposed withdrawal will utilize the Potomac aquifer at a depth between 100 feet to about 560 feet below the land surface at the withdrawal site. The Town of Courtland has applied for a reissuance of a permit for the Town of Courtland Water System in Southampton County, Virginia. The permit would allow the applicant to withdraw an average of 145,206 gallons per day. The groundwater withdrawal will support the Town's potable water needs. The proposed withdrawal will utilize the Potomac aquifer at a depth between 100 feet to about 560 feet below the land surface at the withdrawal site. PlanRVA staff received no comments from locality staff about the proposed permit. PlanRVA staff responded with no comments about the proposed permit to DEQ.

### **Arrowhead RD OU3**

#### *Westmoreland*

DEQ is requesting \$60,000 in Federal funds for clean up of the Arrowhead Plating Superfund Site. The site is approximately 30 acres in Westmoreland County and contains a former manufacturing building. From 1966 to 1979 Scovill Inc. and Arrowhead Associates, Inc manufactured cosmetic cases on site using electroplating, lacquering, and enameling processes. Soil, groundwater surface water and sediment were contaminated from manufacturing wastes. The proposed funding will cover DEQ administrative staff and time costs for clean up activities at the site. PlanRVA staff received no comments from locality staff. PlanRVA staff responded with no concerns and support for Super Fund clean up activities.