

**February 2010
Intergovernmental Reviews
Thomas Jefferson Planning District Commission**

LOCAL

FY10 – 18 Reissuance of VPDES Permit No. VA0058891, Reissuance Northeast Creek Water Treatment Plant

The Louisa County Water Authority has applied to the DEQ for reissuance of the referenced permit. The applicant proposes to release treated industrial wastewaters at a maximum rate of 0.466 million gallons per day into the Northeast Creek, in Louisa County in the York River watershed. The industrial sludge from the treatment process will be disposed via landfill. The permit will limit the following pollutants to amounts that protect water quality: Total Suspended Solids (TSS), chlorine, and pH. The only change/addition to the permit reissuance is a requirement to conduct one bioassay (Toxic Management Program) of the effluent during this permit term. Permit violations on record from the current permit term are listed below.

VA0058891 Northeast Creek Water Treatment Plant

Yr	Mo	Dmr Due Date	Out-fall	Item	Par No.	Param Name	Requirement	Reported	Fin Pts	Rnd Pts	6 Mo Pts	Comments
2008	JAN		001	Unsatisfactory Inspection 1/10/08 - Lab					.5	.5	.5	
2004	JUL		001	SUBMIT VPDES PERMIT APPLICATION BEFORE 180 DAYS PRIOR TO PERMIT EXPIRATION			6/21/04		.0	.0	.0	Due date extended to 8/15/04. Points removed.
2004	JUN		001	SUBMIT VPDES PERMIT APPLICATION BEFORE 180 DAYS PRIOR TO PERMIT EXPIRATION			6/21/04		.0	.0	.0	Due date extended to 8/15/04. Points remove

Any questions regarding the lab inspection should be directed to Mr. Terry Nelson, Compliance Inspector. His email is Terry.Nelson@deq.virginia.gov.

Received: December 9, 2009

Public Comment Period: December 11, 2009 to 5:00 p.m. on January 13, 2010

No comments requested.

FY10 – 19 VPDES Permit No. VA0092533, Issuance for the Klockner Pentaplast of America

Klockner Pentaplast of America, Inc. has applied for an issuance of a permit for the Public Klockner Pantaplast of America. The applicant proposes to release cooling water from non-contact cooling of process heating equipment and comfort-cooling chillers at an estimated

maximum rate of 0.0058 million gallons per day into an unnamed tributary of the South Anna River in Gordonsville/Louisa County in the York River watershed. The permit will limit the following pollutants to amounts that protect water quality: pH, Temperature, Hardness, Total Phosphorous, Total Recoverable Copper, and Total Recoverable Zinc.

Received: December 29, 2009

Public Comment Period: December 25, 2009 to 5:00 p.m. on January 23, 2010

No comments requested.

FY10 – 20 Environmental Impact Review (EIR): STARS – High Top Mountain, Site 1309

Virginia State Police (VSP) submitted an EIR to the DEQ as required by the Virginia Code for any construction or acquisition of property for construction projects exceeding \$500,000. Motorola, on behalf of the VSP, intends to construct a 160-foot tall self-supporting communications tower in Nelson County, atop High Top Mountain, adjacent to an existing communications tower compound. The tower site is located at the terminus of High Top Mountain Road, approximately two miles north from the intersection of Rt 651 and Rt 718. The construction of the tower and associated equipment are part of the Statewide Agencies Radio System (STARS) Project, which is an upgrade of the VSP's antiquated 1977 land mobile radio system.

The proposed tower and communications equipment will be located within a 50-foot by 50-foot fenced compound. The communications equipment and emergency generator will be housed in a 12-foot by 42-foot slab on grade shelter. A 1,000 gallon propane tank will be installed underground to fuel the emergency generator, and approximately 490 linear feet of trenching will be required to install underground utilities, propane lines, and the grounding system.

Environmental mitigation measures for the project include:

- Erosion and sediment control BMPs employed during and after construction.
- Water down construction areas when necessary to control dust.
- Tower built less than the USFWS guidelines (200 feet) for impact to migratory birds, uses no guy wires, and minimizes lighting that attracts migratory birds.
- Follow all applicable local, state, and federal laws, regulations and requirements and obtain and comply with all required permits prior to initiating work on the project.
- Any excess excavated material would be removed for disposal at a permitted facility. No material would be deposited in flood plain for wetland areas.
- Any hazardous materials discovered, generated, or used during implementation of the proposed project would be disposed of and handled in accordance with local, state, and federal regulations.
- All construction activities would be conducted by trained personnel in compliance with the standards and regulations of OSHA to protect worker safety.
- If artifacts are encountered during construction, work in the vicinity of such artifacts would be discontinued, and the VDHR, local authorities, etc. would be notified immediately.

Received: December 30, 2009

Public Comment Period: December 30, 2009 to 5:00 p.m. on January 22, 2010

No comments requested.

FY10 – 21 Reissuance of VPDES Permit No. VA0081639, Envoy at the Village

Envoy of Fork Union has applied to the DEQ for reissuance of the referenced permit. The applicant proposes to release treated sewage wastewater at a rate of 0.02 million gallons per day into an unnamed tributary of North Creek, in Fluvanna County in the James River/Bear Garden Creek/South Creek watershed. The permit will limit the following pollutants to amounts that protect water quality: organic matter, solids, chlorine, bacteria, Total Kjeldahl Nitrogen, dissolved oxygen, and pH. There are no changes to the permit for the new term.

The applicant received 11 Warning Letters during the previous permit term. Six of the Warning Letters were for late submittal or no submittal of the Daily Monitoring Reports which are due monthly. Three were for violations of their carbonaceous Biological Oxygen Demand (BOD) limits; one of these also included a TSS violation. There was one chlorine violation, and the last Warning Letter sent related to items associated with a compliance inspection performed by the DEQ inspector.

Received: January 5, 2010

Public Comment Period: December 30, 2009 to 5:00 p.m. on January 29, 2010

No comments requested.