

July 2008
Intergovernmental Reviews
Thomas Jefferson Planning District Commission

LOCAL

FY09 – 01 DEQ reissuance of a VPDES permit for Zion Crossroads Wastewater Treatment Plant

The Department of Environmental Quality proposes to reissue the Virginia Pollutant Discharge Elimination System Permit for the Zion Crossroads Wastewater Treatment Plant in Gordonsville. The plant is permitted to discharge up to 700,000 gallons per day into an impoundment of Camp Creek in Louisa County in the South Anna River watershed. The permit contains limits on organic matter, solids, chlorine, bacteria, phosphorus, nitrogen, dissolved oxygen, pH, copper, and zinc. The permit and monitoring records have been requested but not yet received. Sludge will be transferred to another sewage treatment plant for further treatment.

FY09 – 02 DEQ modification of a VPDES permit for Fluvanna Correctional Center for Women Sewage Treatment Plant

The Department of Environmental Quality proposes to modify the Virginia Pollutant Discharge Elimination System Permit for the Fluvanna Correctional Center for Women Sewage Treatment Plant in Troy. The plant is permitted to discharge up to 300,000 gallons per day into an unnamed tributary of Oliver Creek in the Mechunk Creek/Rivanna River watershed. The modification of the permit would add hardness monitoring and limits, remove copper and zinc monitoring and limits, and lower the ammonia limits at Outfall 001. The hardness and metals monitoring changes are being made because a process change has resulted in significantly higher hardness levels than seen before the change. This in turn results in decreased metals toxicity, but only if the higher hardness level is maintained – thus the need to monitor the hardness level to ensure it remains at the minimum level. Limits for copper and zinc are not needed at the current effluent hardness level. A pH change also resulting from the process change has resulted in a more stringent ammonia limit being applied. However, the plant has not exceeded the more stringent limit (it averages about 25% of the limit), so no schedule of compliance is required.

STATE

FY09 – 03 Department of Environmental Quality application to NOAA for Virginia Naturally Mini-grants to support B-WET program

DEQ is applying to the National Oceanic and Atmospheric Administration for \$135,000 (no match) to fund 10-15 meaningful watershed education experience projects per year for the next three years. The Chesapeake Bay Watershed Education and Training Program (B-WET) was launched in 2002 in support of the Chesapeake Bay 2000 education goals, and provides mini-grants in the range of \$1,000 - \$5,000 to organizations for implementation of that commitment.

FY09 – 04 DEQ application under Department of Defense (DoD) States Memorandum of Agreement for environmental restoration at active DoD facilities and base closure sites

DEQ is applying under the Department of Defense States Memorandum of Agreement for \$3,136,612 (no match) to fund technical review and services for two years for Defense Environmental Restoration Program activities at active DoD facilities and environmental restoration at base closure sites. Many facilities are involved; facilities receiving over \$100,000 include Langley AFB, Fort Monroe, Fort Belvoir, Fort Eustis, the Defense Supply Center in Richmond, the Marine Corps Base at Quantico, the Naval Amphibious Base at Little Creek, and the Naval Weapons Station at Yorktown.

FY09 – 05 Department of Environmental Quality application to US EPA for LUST Prevention program

DEQ has applied to the US Environmental Protection Agency for \$986,067 in funding (\$328,689 in match) to assist in meeting the provisions of the Energy Policy Act of 2005 for prevention of leaking underground storage tanks (LUSTs). These include inspection of underground storage tanks at least once every three years, implementation of a delivery prohibition program (prohibiting deliveries of products to underground storage tanks that have one or more compliance violations), secondary containment for new and replaced tanks within 1,000 feet of a community water supply, training for tank operators, and making available to the public underground storage tank compliance and release records.

FY09 – 06 Department of Environmental Quality application to US EPA for Clean Diesel Outreach and SmartWay Initiative

DEQ has applied to the US Environmental Protection Agency for \$403,604 in funding (no match) for two years to 1) provide financial incentives for participants in the Virginia Port Authority “SmartWay Plus” program to install diesel retrofit devices to reduce particulate matter, carbon monoxide and hydrocarbon emissions from trucks and 2) develop an outreach and training program that encourages participation in the SmartWay Plus program, which also promotes fuel efficiency and the use of ultra low sulfur diesel fuel.

FY09 – 07 Department of Environmental Quality application to US EPA for STAG (State and Tribal Assistance Grant) Appropriations

DEQ has applied to the US Environmental Protection Agency for \$178,138 in funding (no match) for grant management and construction oversight for the EPA Special Infrastructure Grant Projects that received allocations in the FY06 and FY08 federal Special Appropriations Acts. The funding enables DEQ to perform various administrative tasks associated with these projects, which are located in Alexandria, Arlington, Hanover County, Lee County, and the Town of Onancock. Drinking water STAG projects are also located in Nelson and Fluvanna Counties, but administrative funds are being transferred from the Virginia Department of Health to cover those.