



COMMONWEALTH of VIRGINIA

W. Tayloe Murphy, Jr.
Secretary of Natural Resources

DEPARTMENT OF ENVIRONMENTAL QUALITY
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Robert G. Burnley
Director

(804) 698-4000
1-800-592-5482

December 2, 2005

Mr. Christopher Reed
Virginia Department of Transportation
14685 Avion Parkway
Chantilly, Virginia 20151-1104

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RE: Joint Permit Application No. 05-4015
Fairfax County Parkway, Fairfax County, Virginia
Final VWP Individual Permit

Dear Mr. Reed:

Pursuant to the Virginia Water Protection (VWP) Permit Program Regulation 9 VAC 25-210-10 and § 401 of the Clean Water Act Amendments of 1977, Public Law 95-217, the Department of Environmental Quality (DEQ) has enclosed the original VWP individual permit for the Fairfax County Parkway project. The proposed project results in the permanent impact of approximately 0.76 acres of palustrine, forested wetlands, 1.68 acres of emergent wetlands and 583 linear feet of stream (163LF of perennial and 420LF of intermittent) associated with unnamed tributaries of Accotink Creek in Fairfax County, Virginia.

This permit is valid for **6 years** from the date of issuance. **Re-issuance of the permit may be necessary if any portion of the authorized activities or any permit requirement (including compensatory mitigation provisions) have not been completed. The permit term, including any extensions, cannot exceed 15 years. The extension may be requested through written notification to the Department of Environmental Quality Central Office, provided that there are no changes in the authorized activities.**

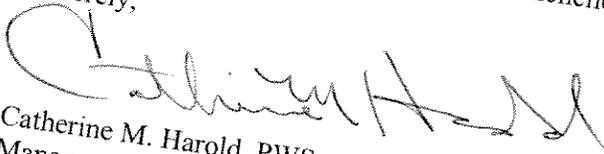
As provided by Rule 2A:2 of the Supreme Court of Virginia, you have **30 calendar days** from the date of service (the date you actually received this decision or the date it was mailed to you, whichever occurred first) within which to appeal this decision by filing a notice of appeal in accordance with the Rules of the Supreme Court of Virginia with the Director, Department of Environmental Quality. In the event that this decision is served on you by mail, three days are added to that period. Refer to Part 2A of the Rules of the Supreme Court of Virginia for additional requirements governing appeals from administrative agencies.

Alternatively, any owner under §§62.1-44.16, 62.1-44.17, and 62.1-44.19 of the State Water Control Law aggrieved by any action the board has taken without a formal hearing, or by inaction

of the board, may demand in writing a formal hearing of such owner's grievance, provided a petition requesting such hearing is filed with the board. Said petition must meet the requirements set forth in §1.23(b) of the board's Procedural Rule Number 1 (9 VAC 25-230-10 et seq. of the Virginia Administrative Code). In cases involving actions of the board, such petition must be filed within **30 calendar days** after notice of such action is sent to such owner by certified mail.

If you have any questions, please contact Michelle Henicheck at 804-698-4007.

Sincerely,



Catherine M. Harold, PWS
Manager, Office of Wetlands and Water Protection

Enclosures: Permit Cover Page, Part I - Special Conditions, Part II - General Conditions

cc: Alice Allen-Grimes, U.S. Army Corps of Engineers
Todd Bolton, VDOT
VWP File



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(804) 698-4000
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VWP Individual Permit Number 05-4015
Effective Date: December 2, 2005
Expiration Date: December 2, 2011

VIRGINIA WATER PROTECTION PERMIT ISSUED PURSUANT TO THE STATE WATER CONTROL LAW AND SECTION 401 OF THE CLEAN WATER ACT

Based upon an examination of the information submitted by the owner and in compliance with § 401 of the Clean Water Act as amended (33 USC 1251 et seq.) and the State Water Control Law and regulations adopted pursuant thereto, the State Water Control Board (board) has determined that there is a reasonable assurance that the activity authorized by this permit, if conducted in accordance with the conditions set forth herein, will protect instream beneficial uses and will not violate applicable water quality standards. The board finds that the effect of the impact, together with other existing or proposed impacts to wetlands, will not cause or contribute to a significant impairment to state waters or fish and wildlife resources.

Permittee: Virginia Department of Transportation

Address: 14685 Avion Parkway, Chantilly, VA 20151-1104

Activity Location: Fairfax County Parkway in Fairfax County, Virginia

Activity Description: The permittee shall extend the Fairfax County Parkway (Rte 7100) as a limited access connector roadway (6 travel lanes) for a distance of 1.06 miles from its current terminus at Franconia Springfield Parkway leading in a southward direction through the Fort Belvoir Engineering Proving Grounds (EPG) to tie into Rolling Road with a new interchange in the southwest corner of the EPG. This activity results in the permanent impact of no more than 0.76 acres of palustrine, forested wetlands, 1.68 acres of emergent wetlands and 583 linear feet of stream (163LF of perennial and 420LF of intermittent) associated with unnamed tributaries of Accotink Creek. Wetland impacts will be compensated offsite through the purchase of available credits at the VDOT Great Oaks Mitigation Bank in Fauquier County. Stream impacts will be compensated offsite through the contribution to the Virginia Aquatic Resources Trust Fund.

The permitted activity shall be in accordance with this Permit Cover Page, Part I - Special Conditions and Part II - General Conditions.


Director, Department of Environmental Quality


Date

Authorized Activities and Permit Term

A. Authorized Activities

This permit authorizes the following impacts as indicated in the application dated January 11 2005, received by DEQ on January 11 2005, and deemed complete by DEQ on August 11, 2005. The permit authorization and conditions are also based on additional submittals approved by DEQ.

1. The permanent impact of no more than 163 linear feet of perennial stream, for the purpose of a pipe installation.
2. The permanent impact of no more than 420 linear feet of intermittent stream, for the purpose of a pipe installation.
3. The permanent placement of fill material in 0.76 acres of forested wetlands and 1.68 acres of emergent wetlands for the purposes of a new roadway alignment and BMP installation.

B. Permit Term

This permit is valid for **6 years** from the date of issuance. An extension of this permit term or a new permit may be necessary for the continuance of the authorized activities or any permit requirement that has not been completed, including compensation provisions. The permit term, including any granted extensions, shall not exceed 15 years.

The permittee shall notify DEQ in writing at least **120 calendar days** prior to the expiration of this permit if an extension of the permit term is required.

Project Construction at Impact Site

C. Standard Project Conditions

1. The activities authorized by this permit shall be executed in such a manner that any impacts to stream beneficial uses are minimized. As defined in § 62.1-10(b) of the Code, "beneficial use" means both instream and offstream uses. Instream beneficial uses include, but are not limited to, the protection of fish and wildlife habitat, maintenance of waste assimilation, recreation, navigation, and cultural and aesthetic values. Offstream beneficial uses include, but are not limited to, domestic (including public water supply), agricultural, electric power generation, commercial, and industrial uses. Public water supply uses for human consumption shall be considered the highest priority.
2. No activity shall substantially disrupt the movement of aquatic life indigenous to the water body, including those species that normally migrate through the area, unless the primary purpose of the activity is to impound water.
3. At crossings of streams, pipes and culverts less than 24 inches in diameter shall be countersunk a minimum of three inches, and pipes and culverts greater than 24 inches in diameter shall be countersunk a minimum of six inches to provide for the re-establishment of a natural stream bottom and to maintain a low flow channel. For multiple-celled culverts, only the bottoms of those cells situated below the limits of ordinary high water shall be countersunk. To the greatest extent practicable, other cells, pipes, or culverts shall be elevated to provide a natural distribution of flood flows. The requirement to countersink shall not apply to extensions or maintenance of existing culverts that are not countersunk, to floodplain culverts being placed above ordinary high water, to culverts being placed on bedrock, or to culverts required to be placed on slopes 5% or greater.
4. Flows downstream of the project area shall be maintained to protect all uses.
5. No activity shall cause more than minimal adverse effect on navigation, and no activity shall block more than half of the width of the stream at any given time.
6. The activity shall not impede the passage of normal or expected high flows, and any associated structure shall withstand expected high flows.
7. Continuous flow of perennial springs shall be maintained by the installation of spring boxes, French drains, or other similar structures.

8. Activities shall be conducted in accordance with any Time-of-Year restriction(s) as recommended by the Department of Game and Inland Fisheries or the Virginia Marine Resources Commission. The permittee shall retain a copy of the agency correspondence concerning the Time-of-Year restriction(s), or the lack thereof, for the duration of the construction phase of the project.
9. All excavation, dredging, or filling in surface waters shall be accomplished in a manner that minimizes bottom disturbance and turbidity. Turbidity levels downstream of the construction site shall not exceed turbidity levels upstream of the construction site at any time.
10. All in-stream activities shall be conducted during low-flow conditions whenever practicable.
11. All construction, construction access, and demolition activities associated with this project shall be accomplished in a manner that minimizes construction materials or waste materials from entering surface waters, unless authorized by this permit. Wet, excess, or waste concrete shall be prohibited from entering surface waters.
12. All fill material placed in surface waters shall be clean and free of contaminants in toxic concentrations or amounts in accordance with all applicable laws and regulations.
13. Stormwater runoff shall be prohibited from directly discharging into any surface waters. Best management practices (BMP) designed, installed, and maintained, as described in the Virginia Erosion and Sediment Control Handbook (Third Edition, 1992, or the most recent version in effect at the time of construction) and the Virginia Stormwater Management Handbook (First Edition, 1999, or the most recent version in effect at the time of construction), shall be deemed suitable treatment prior to discharge into surface waters. Installation of alternative practices not described in these references shall be submitted to DEQ for approval prior to beginning construction.
14. Measures shall be employed at all times to prevent and contain spills of fuels, lubricants, or other pollutants into surface waters.
15. Machinery or heavy equipment in temporarily impacted wetlands shall be placed on mats or geotextile fabric, or other suitable means shall be implemented, to minimize soil disturbance to the maximum extent practical. Mats, fabrics, or other measures shall be removed as soon as the work is complete in the temporarily impacted wetland.

16. Heavy equipment is authorized for use within the stream channel during project construction or stream restoration activities when site conditions prohibit access from the streambank. The equipment shall be stationed on cobble bars and the activities conducted in the dry or during low flow conditions, whenever possible.
17. Temporary disturbances to wetlands, stream channels, and/or stream banks during project construction activities shall be avoided and minimized to the maximum extent practicable.
18. All temporarily disturbed wetland areas shall be restored to preconstruction conditions within **30 calendar days** of completing work in the areas, which shall include re-establishing pre-construction contours, and planting or seeding with appropriate wetland vegetation according to cover type (emergent, scrub/shrub, or forested), except for invasive species identified on DCR's Invasive Alien Plant Species of Virginia list. The permittee shall take all appropriate measures to promote and maintain the revegetation of temporarily disturbed surface waters through the **second year post-disturbance**.
19. All temporarily impacted streams and stream banks shall be restored to their original elevations and contours within **30 calendar days** following the construction at that stream segment, and the banks shall be seeded or planted with the same vegetative cover type originally present along the banks, including supplemental erosion control grasses if necessary but not including invasive species identified on DCR's Invasive Alien Plant Species of Virginia list. The permittee shall take all appropriate measures to promote and maintain the revegetation of temporarily disturbed surface waters through the **second year post-disturbance**.
20. All materials (including fill, construction debris, excavated materials, and woody materials, that are temporarily placed in wetlands, in stream channels, or on stream banks) shall be placed on mats or geotextile fabric, shall be immediately stabilized to prevent the material or leachate from entering surface waters, and shall be entirely removed within **30 calendar days** following completion of that construction activity. After removal, disturbed areas shall be returned to original contours, shall be stabilized, and shall be restored to the original vegetated state within **30 calendar days**. The permittee shall take all appropriate measures to promote and maintain the revegetation of temporarily disturbed surface waters through the **second year post-disturbance**.
21. Temporary in-stream construction features such as cofferdams shall be made of non-erodible materials.

22. Virginia Water Quality Standards shall not be violated in any surface waters as a result of the project activities.
23. Seeds used for all project and compensation activities shall conform to the Virginia Seed Law (Sections 3.1-262 Code of Virginia) and Virginia Seed Regulations (2 VAC 5-290-10 et seq).
24. Erosion and sedimentation controls shall be designed in accordance with the Virginia Erosion and Sediment Control Handbook, Third Edition, 1992, or the most recent version in effect at the time of construction. These controls shall be placed prior to clearing and grading activities and shall be maintained in good working order, to minimize impacts to surface waters. These controls shall remain in place only until clearing and grading activities cease and these areas have been stabilized.
25. All *non-impacted* wetlands, streams, and designated upland buffers that are within the project or right-of-way limits, and that are within fifty feet of any project activities, shall be clearly flagged or demarcated for the life of the construction activity within that area. All non-impacted open water areas within the project or right-of-way limits, and that are within fifty feet of any project activities, shall be clearly flagged or demarcated, as practicable, for the life of the construction activity within that area. The permittee shall notify all contractors and subcontractors that *no activities are to occur in these marked areas*.
26. All required notifications and submittals shall be submitted to the DEQ office stated below, to the attention of the VWP permit manager, unless directed in writing by DEQ subsequent to the issuance of this permit:

DEQ Central Office
PO Box 10009
Richmond, Virginia 23240-10009

27. All reports required by this permit and other information requested by DEQ shall be signed by the permittee or a person acting in the permittee's behalf, with the authority to bind the permittee. A person is a duly authorized representative only if *both* criteria below are met. If a representative authorization is no longer valid because of a change in responsibility for the overall operation of the facility, a new authorization shall be immediately submitted to DEQ.
 - a. The authorization is made in writing by the permittee.
 - b. The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as the position

of plant manager, superintendent, or position of equivalent responsibility. A duly authorized representative may thus be either a named individual or any individual occupying a named position.

28. All submittals shall contain the following signed certification statement:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

29. Any fish kills or spills of fuels or oils shall be reported to DEQ immediately upon discovery at **703-583-3800**. If DEQ cannot be reached, the spill shall be reported to the Virginia Department of Emergency Management (DEM) at 1-800-468-8892 or the National Response Center (NRC) at 1-800-424-8802.
30. DEQ shall be notified in writing within **24 hours or as soon as possible on the next business day** when potential environmentally threatening conditions are encountered which require debris removal or involve potentially toxic substances. Measures to remove the obstruction, material, or toxic substance or to change the location of any structure are prohibited until approved by DEQ.
31. The permittee shall notify the DEQ of any additional impacts to surface waters, including wetlands; and of any change to the type of surface water impacts associated with this project. Any additional impacts, modifications, or changes shall be subject to individual permit review and/or modification of this permit. Compensation may be required.

D. Projects Involving Stream Modifications, Including Intake/Outfall Structures

1. Any exposed slopes or streambanks shall be stabilized immediately upon completion of work in each impact area. Methods and materials for stabilization shall be in accordance with the Virginia Erosion and Sediment Control Handbook, Third Edition, 1992, or the most recent version in effect at the time of construction.
2. Redistribution of existing stream substrate for erosion control purposes is prohibited.

3. Material removed from the stream bottom shall not be deposited into surface waters unless otherwise authorized as fill material in this permit.
4. Riprap apron for all outfalls shall be designed in accordance with Virginia Erosion and Sediment Control Handbook, Third Edition, 1992, or the most recent version in effect at the time of construction.
5. For streambank protection activities, structures and backfill shall be placed as close to the streambank as practical, while still avoiding and minimizing impacts to vegetated wetlands to the maximum extent practical. No material shall be placed in excess of the minimum necessary for erosion protection.
6. Asphalt and materials containing asphalt or other toxic substances shall not be used in the construction of submerged sills, breakwaters, dams, or weirs.
7. If stream channelization or relocation is required, all work in surface waters shall be done in the dry, unless authorized by this permit, and all flows shall be diverted around the channelization or relocation area until the new channel is stabilized. The diversion shall be accomplished by leaving a plug at the inlet and outlet ends of the new channel during excavation. Once the new channel has been stabilized, flow shall be routed into the new channel by first removing the downstream plug and then the upstream plug. The new stream channel shall be constructed following the typical sections submitted with the application and should incorporate natural stream channel design principles to the greatest extent practicable. A low flow channel shall be constructed within the channelized or relocated area. The centerline of the channel shall meander, to the extent possible, to mimic natural stream morphology. The rerouted stream flow shall be fully established before construction activities in the old streambed can begin.

E. Projects Involving Road Crossings

1. Access roads authorized by this permit shall be constructed to minimize the adverse effects on surface waters to the maximum extent practicable and to follow as near as possible pre-construction contours and elevations. Bridges or culverts, when located above the pre-construction contours and elevations in surface waters, shall be installed.
2. Installation of pipes and road crossings shall occur in the dry via the implementation of cofferdams, sheetpiling, stream diversions or other similar structures.

3. All surface waters temporarily affected by a road crossing shall be restored to their original elevations immediately following the removal of that particular temporary crossing. Temporary access roads shall be removed entirely following activity completion.
4. If stream channelization or relocation is required, all work in surface waters shall be done in the dry, unless authorized by this permit, and all flows shall be diverted around the channelization or relocation area until the new channel is stabilized. This work shall be accomplished by leaving a plug at the inlet and outlet ends of the new channel during excavation. Once the new channel has been stabilized, flow shall be routed into the new channel by first removing the downstream plug and then the upstream plug. The stream channelization or relocation shall be constructed following the typical sections submitted with the application and should incorporate natural stream channel design principles to the greatest extent practicable. A low flow channel shall be constructed within the channelized or relocated area. The centerline of the channel shall meander, to the extent possible, to mimic natural stream morphology. The rerouted stream flow shall be fully established before construction activities in the old streambed can begin.
5. Stream bottom elevations at road crossings shall be measured at the inlet and outlet of the proposed structure and recorded prior to construction and within one week after the completion of construction to ensure that the design elevations were met. This information shall be available for review by DEQ upon request.

F. Projects Involving Stormwater Management Structures

1. Stormwater management facilities shall be installed in accordance with best management practices and watershed protection techniques (as per the Dept. of Conservation and Recreation's Stormwater Management Handbook, First Edition, 1999, or the most recent version in effect at the time of construction), such as vegetated buffers, siting considerations to minimize adverse effects to aquatic resources, and bioengineering methods incorporated into the facility design to benefit water quality and minimize adverse effects to aquatic resources, that provide for long-term aquatic resources protection and enhancement, to the maximum extent practicable.
2. The outfall and overflow structure shall be constructed and maintained to prevent downstream sediment deposition, erosion, or scour that may be associated with normal flow and any expected storm flows. Construction shall include the use of an appropriately sized riprap outlet protection apron at the outfall site.

3. A complete stormwater facility management plan shall be submitted to the DEQ for each stormwater management facility authorized by the permit. Maintenance excavation shall follow the approved maintenance plan, and shall not exceed the original contours of the facility as constructed.
4. Compensation for unavoidable impacts shall not be allowed within maintenance areas of stormwater management facilities.
5. Maintenance within stormwater management facilities will not require compensation provided that the maintenance is accomplished in designated maintenance areas as indicated in the stormwater management maintenance plan.
6. Draining of a stormwater management facility shall be performed by a method that prevents downstream sediment deposition, erosion, or scour.

G. Project Construction Monitoring and Submittals (Impact Site)

Pre-Construction Monitoring

1. The permittee shall conduct photographic monitoring of pre-construction conditions in permitted permanent and temporary impact areas covered by this permit. Photographic monitoring shall be conducted by the following method:

Enumerated photo stations shall be established at each permitted impact area that shall be used for the duration of construction activities. The directional orientation of each photo station shall remain constant during all monitoring events. Photo stations shall be sufficient to represent permitted activities. Photo stations may be established via water craft or temporary floating structures. Each photograph taken shall be labeled with the permit number, the permitted impact area, the photo station number, the photograph orientation, the date and time of the photograph, the name of the person taking the photograph, and a brief description of the photograph subject. This information shall be provided as a separate attachment to each photograph, if necessary.

Pre-Construction Submittals

2. Final plans for the project construction activities authorized by this permit shall be submitted **30 calendar days** prior to initiating any land disturbance or construction in permitted impact areas. Construction activities shall not be initiated until DEQ has both reviewed and commented on the plans, or until **30 calendar days** have passed, during which time no DEQ comments were received regarding the plan. In the event

DEQ submits comments on the final plans, construction shall not proceed until comments are resolved to DEQ's satisfaction.

3. Construction shall be performed in accordance with the final construction plans submitted to DEQ. Final construction plans shall include the location and orientation of all photo monitoring stations. Any changes to the final plans for permitted areas shall be submitted to DEQ immediately upon determination that changes are necessary. DEQ approval shall be required prior to implementing the changes.
4. The permittee shall submit written notification at least **ten calendar days** prior to the initiation of land disturbance or construction activities in permitted areas. The notification shall include a projected schedule for initiating and completing work at each permitted impact area.

Monitoring During Construction

5. The permittee shall conduct photographic monitoring of construction activities to document that the permitted activities are in compliance with permit conditions, and to document any events that are not in compliance with the construction-related permit conditions. The permittee shall use the same photo method and location that was used for pre-construction monitoring.
6. Photographic monitoring during activities in each permitted impact area shall be required during by the last month of each quarter.
7. For temporary disturbances to surface waters, the permittee shall conduct photographic monitoring **after** the temporary disturbance activity is complete in order to document that the area has been restored in compliance with these permit conditions.
8. Construction photographic data, except for temporarily disturbed surface waters, shall be submitted with construction monitoring reports as detailed in Part I.10.
9. Monitoring of water quality parameters shall be conducted as described below during relocation of any flowing stream through a new channel. Corrective measures and additional monitoring may be required if water quality standards are not met. The permittee shall report violations of water quality standards to DEQ within **24 hours** of monitoring. All monitoring data shall be submitted to DEQ within **seven calendar days** of the monitoring event.

- a. One sampling station shall be located upstream of the relocated channel, and one sampling station shall be located immediately downstream of the relocated channel.
- b. At the *upstream* sampling station, temperature, pH, and dissolved oxygen (D.O.) measurements shall be taken immediately *before* opening a new channel, and every 30 minutes thereafter for at least *two* hours.
- c. At the *downstream* sampling station, temperature, pH, and dissolved oxygen (D.O.) measurements shall be taken immediately *after* opening a new channel, and every 30 minutes thereafter until the measurements indicate that the site has stabilized (minimum of *three* hours).

Construction Monitoring Reports

10. Construction Monitoring Reports shall be submitted quarterly. The reports shall be submitted by the **10th calendar day** of the month **after** the quarter in which monitoring takes place. The reports shall include the following, as appropriate:
 - a. A written narrative stating whether or not work was performed during the monitoring period in each permitted impact area. If work was performed, the narrative shall include a description of the work performed, when the work was initiated, and the expected date of completion.
 - b. A summary of activities conducted to comply with the permit conditions, including items associated with meeting specific permit conditions and a description of erosion and sediment controls used to protect water quality and any maintenance performed on the controls.
 - c. A written summary, including photographs, of non-compliance events or problems encountered, any corrective actions taken, and any subsequent notifications to DEQ.
 - d. A summary of anticipated work to be completed during the next reporting period, and an estimated date of construction completion at all permitted impact areas.
 - e. A labeled site map depicting all permitted impact areas and photo stations.
 - f. Properly labeled photographs, including those documenting the completed restoration of temporarily disturbed surface waters. The first construction monitoring report shall also include the photographs taken at each permitted

impact area prior to initiation of land disturbance or construction activities in that area.

Post-Construction Monitoring

11. The permittee shall conduct photographic monitoring of all permitted impact areas upon completion of construction and stabilization of the area. The permittee shall use the same photo method and location that was used for pre-construction monitoring.

Post-Construction Submittals

12. Post-construction photographs of permitted impact areas shall be submitted within **30 calendar days** of completing work in each permitted area.
13. The permittee shall submit an annual photograph, through the **second year** post-disturbance, documenting the conditions at each temporarily disturbed surface water area.
14. The permittee shall submit written notification within **30 calendar days** after the completion of all activities in all permitted impact areas authorized under this permit.

Compensation for Surface Water Impacts

H. Approved In-Lieu Fee Fund General Conditions

1. The permittee shall provide compensation in the form of contributions to the Virginia Aquatic Resources Trust Fund.
2. Documentation of the receipt of Virginia Aquatic Resources Trust Fund contributions shall be submitted to and received by DEQ prior to initiating work in permitted impact areas.
3. All required notifications and submittals shall be submitted to the DEQ office stated below, to the attention of the VWP permit manager, unless directed in writing by DEQ subsequent to the issuance of this permit.

**DEQ Central Office
PO Box 10009
Richmond, Virginia 23240-10009**

I. *Approved Mitigation Bank General Conditions*

1. The permittee shall provide compensation through the purchase of mitigation bank credits from the VDOT Great Oaks Mitigation Bank in Fauquier County, Virginia. The following compensation ratios and amounts shall apply: 1:1 for permanent emergent wetland impacts (1.68 acres debited), 2:1 for permanent forested wetland impacts (1.52 acres debited).
2. Documentation that the VDOT Great Oaks Mitigation Bank has debited the required mitigation credits from the mitigation bank ledger shall be submitted to and received by DEQ prior to initiating work in permitted impact areas.
3. All required notifications and submittals shall be submitted to the DEQ office stated below, to the attention of the VWP permit manager, unless directed in writing by DEQ subsequent to the issuance of this permit.

**DEQ Central Office
PO Box 10009
Richmond, Virginia 23240-10009**

APPENDIX G - GENERAL CONDITIONS FOR INDIVIDUAL PERMITS

VWP Individual Permit No. 05-4015

Part II - General Conditions

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Part II – General Conditions

A. Duty to Comply

The permittee shall comply with all conditions of the VWP permit. Nothing in the VWP permit regulations shall be construed to relieve the permittee of the duty to comply with all applicable federal and state statutes, regulations and prohibitions. Any VWP permit violation is a violation of the law, and is grounds for enforcement action, VWP permit termination, revocation, modification, or denial of an application for a VWP permit extension or reissuance.

B. Duty to Cease or Confine Activity

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the activity for which a VWP permit has been granted in order to maintain compliance with the conditions of the VWP permit.

C. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or prevent any impacts in violation of the permit which may have a reasonable likelihood of adversely affecting human health or the environment.

D. VWP Permit Action

1. A VWP permit may be modified, revoked and reissued, or terminated as set forth in 9 VAC 25-210 et seq.
2. If a permittee files a request for VWP permit modification, revocation, or termination, or files a notification of planned changes, or anticipated noncompliance, the VWP permit terms and conditions shall remain effective until the request is acted upon by the board. This provision shall not be used to extend the expiration date of the effective VWP permit. If the permittee wishes to continue an activity regulated by the VWP permit after the expiration date of the VWP permit, the permittee must apply for and obtain a new VWP permit or comply with the provisions of 9 VAC 25-210-185 (VWP Permit Extension).
3. VWP permits may be modified, revoked and reissued or terminated upon the request of the permittee or other person at the board's discretion, or upon board initiative to reflect the requirements of any changes in the statutes or regulations, or as a result of VWP permit noncompliance as indicated in the Duty to Comply subsection above, or for other reasons listed in 9 VAC 25-210-180 (Rules for Modification, Revocation and Reissuance, and Termination of VWP permits).

APPENDIX G - GENERAL CONDITIONS FOR INDIVIDUAL PERMITS

VWP Individual Permit No. 05-4015

Part II - General Conditions

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E. Inspection and Entry

Upon presentation of credentials, any duly authorized agent of the board may, at reasonable times and under reasonable circumstances:

1. Enter upon any permittee's property, public or private, and have access to, inspect and copy any records that must be kept as part of the VWP permit conditions;
2. Inspect any facilities, operations or practices (including monitoring and control equipment) regulated or required under the VWP permit; and
3. Sample or monitor any substance, parameter or activity for the purpose of ensuring compliance with the conditions of the VWP permit or as otherwise authorized by law.

F. Duty to Provide Information

1. The permittee shall furnish to the board any information which the board may request to determine whether cause exists for modifying, revoking, reissuing or terminating the VWP permit, or to determine compliance with the VWP permit. The permittee shall also furnish to the board, upon request, copies of records required to be kept by the permittee.
2. Plans, specifications, maps, conceptual reports and other relevant information shall be submitted as required by the board prior to commencing construction.

G. Monitoring and Records Requirements

1. Monitoring of parameters, other than pollutants, shall be conducted according to approved analytical methods as specified in the VWP permit. Analysis of pollutants will be conducted according to 40 CFR Part 136 (2000), Guidelines Establishing Test Procedures for the Analysis of Pollutants.
2. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
3. The permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart or electronic recordings for continuous monitoring instrumentation, copies of all reports required by the VWP permit, and records of all data used to complete the application for the VWP permit, for a period of at least three years from the date of the expiration of a granted VWP permit. This period may be extended by request of the board at any time.

APPENDIX G - GENERAL CONDITIONS FOR INDIVIDUAL PERMITS

VWP Individual Permit No. 05-4015

Part II - General Conditions

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4. Records of monitoring information shall include:
 - a. The date, exact place and time of sampling or measurements;
 - b. The name of the individuals who performed the sampling or measurements;
 - c. The date and time the analyses were performed;
 - d. The name of the individuals who performed the analyses;
 - e. The analytical techniques or methods supporting the information such as observations, readings, calculations and bench data used;
 - f. The results of such analyses; and
 - g. Chain of custody documentation.

H. Transferability

This VWP permit may be transferred to a new permittee only by modification to reflect the transfer, by revoking and reissuing the permit, or by automatic transfer. Automatic transfer to a new permittee shall occur if:

1. The current permittee notifies the board within 30 days of the proposed transfer of the title to the facility or property;
2. The notice to the board includes a written agreement between the existing and proposed permittee containing a specific date of transfer of VWP permit responsibility, coverage and liability to the new permittee, or that the existing permittee will retain such responsibility, coverage, or liability, including liability for compliance with the requirements of any enforcement activities related to the permitted activity; and
3. The board does not within the 30-day time period notify the existing permittee and the new permittee of its intent to modify or revoke and reissue the VWP permit.

I. Property rights

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize injury to private property or any invasion of personal rights or any infringement of federal, state or local law or regulation.

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J. Reopener

Each VWP permit shall have a condition allowing the reopening of the VWP permit for the purpose of modifying the conditions of the VWP permit to meet new regulatory standards duly adopted by the board. Cause for reopening VWP permits includes, but is not limited to when the circumstances on which the previous VWP permit was based have materially and substantially changed, or special studies conducted by the board or the permittee show material and substantial change, since the time the VWP permit was issued and thereby constitute cause for VWP permit modification or revocation and reissuance.

K. Compliance with State and Federal Law

Compliance with this VWP permit constitutes compliance with the VWP permit requirements of the State Water Control Law. Nothing in this VWP permit shall be construed to preclude the institution of any legal action under or relieve the permittee from any responsibilities, liabilities, or other penalties established pursuant to any other state law or regulation or under the authority preserved by § 510 of the Clean Water Act.

L. Severability

The provisions of this VWP permit are severable.

M. Permit Modification

A VWP permit may be modified, but not revoked and reissued except when the permittee agrees or requests, when any of the following developments occur:

1. When additions or alterations have been made to the affected facility or activity which require the application of VWP permit conditions that differ from those of the existing VWP permit or are absent from it;
2. When new information becomes available about the operation or activity covered by the VWP permit which was not available at VWP permit issuance and would have justified the application of different VWP permit conditions at the time of VWP permit issuance;
3. When a change is made in the promulgated standards or regulations on which the VWP permit was based;
4. When it becomes necessary to change final dates in schedules due to circumstances over which the permittee has little or no control such as acts of God, materials shortages, etc. However, in no case may a compliance schedule be modified to extend beyond any applicable statutory deadline of the Act;

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5. When changes occur which are subject to "reopener clauses" in the VWP permit; or
6. When the board determines that minimum instream flow levels resulting from the permittee's withdrawal of water are detrimental to the instream beneficial use and the withdrawal of water should be subject to further net limitations or when an area is declared a Surface Water Management Area pursuant to §§ 62.1-242 through 62.1-253 of the Code of Virginia, during the term of the VWP permit.

N. Permit Termination

After notice and opportunity for a formal hearing pursuant to Procedural Rule No. 1 (9 VAC 25-230-100) a VWP permit can be terminated for cause. Causes for termination are as follows:

1. Noncompliance by the permittee with any condition of the VWP permit;
2. The permittee's failure in the application or during the VWP permit issuance process to disclose fully all relevant facts or the permittee's misrepresentation of any relevant facts at any time;
3. The permittee's violation of a special or judicial order;
4. A determination by the board that the permitted activity endangers human health or the environment and can be regulated to acceptable levels by VWP permit modification or termination;
5. A change in any condition that requires either a temporary or permanent reduction or elimination of any activity controlled by the VWP permit; and
6. A determination that the permitted activity has ceased and that the compensatory mitigation for unavoidable adverse impacts has been successfully completed.

O. Civil and Criminal Liability

Nothing in this VWP permit shall be construed to relieve the permittee from civil and criminal penalties for noncompliance.

P. Oil and Hazardous Substance Liability

Nothing in this VWP permit shall be construed to preclude the institution of legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under § 311 of the Clean Water Act or §§ 62.1-44.34:14 through 62.1-44.34:23 of the State Water Control Law.

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Q. Unauthorized Discharge of Pollutants

Except in compliance with this VWP permit, it shall be unlawful for the permittee to:

1. Discharge into state waters sewage, industrial wastes, other wastes, or any noxious or deleterious substances;
2. Excavate in a wetland;
3. Otherwise alter the physical, chemical, or biological properties of state waters and make them detrimental to the public health, to animal or aquatic life, to the uses of such waters for domestic or industrial consumption, for recreation, or for other uses;
4. On or after October 1, 2001 conduct the following activities in a wetland:
 - a. New activities to cause draining that significantly alters or degrades existing wetland acreage or functions;
 - b. Filling or dumping;
 - c. Permanent flooding or impounding;
 - d. New activities that cause significant alteration or degradation of existing wetland acreage or functions.

R. Permit Extension

Any permittee with an effective VWP permit for an activity that is expected to continue after the expiration date of the VWP permit, without any change in the activity authorized by the VWP permit, shall submit written notification requesting an extension. The permittee must file the request prior to the expiration date of the VWP permit. Under no circumstances will the extension be granted for more than 15 years beyond the original effective date of the VWP permit. If the request for extension is denied, the VWP permit will still expire on its original date and, therefore, care should be taken to allow for sufficient time for the board to evaluate the extension request and to process a full VWP permit modification, if required.