



COMMONWEALTH OF VIRGINIA

Department of Historic Resources

2801 Kensington Avenue, Richmond, Virginia 23221

L. Preston Bryant, Jr. Secretary of Natural Resources

Kathleen S. Kilpatrick Director

Tel: (804) 367-2323 Fax: (804) 367-2391 TDD: (804) 367-2386 www.dhr.virginia.gov

MEMORANDUM

DATE: 6-02-05 TO: Stephen Del Giudice

FROM: Ethel R. Eaton, Manager, Office of Review and Compliance; ext. 112

PROJECT NAME/IDENTIFYING NUMBER: Crystal City/Potomac Yard Transit Improvement Project CITY/COUNTY: Alexandria

\* Additional information is needed in order to complete our review of the project. Responses may be provided by fax or e-mail. For further guidance, please refer to the Project review Application on our web site at http://www.dhr.virginia.gov/review/ProjectReviewForm.doc.

X Results of a DHR archives search (inventory forms needed)

X Project Review Application Form

X A map (USGS 7.5. minute series) showing the location of the project boundaries and the Area of Potential Effect. Maps can be accessed at http://topozone.com/ The A.P.E. means the entire geographic area or areas within which an undertaking may directly or indirectly cause alterations in the character or use of historic properties, if any such properties exist. It may be different for archaeological (limited to direct ground disturbance) than for historic districts and structures (viewshed issues must considered).

X Federal Agency (Name, address, phone, fax and e-mail of contact person)

More detailed description of the project, including: Extent of anticipated ground disturbance. Photographs of any structures within the project area or in the A.P.E. not listed in our inventory with date of construction, if known. Actions directly affecting structures (repair, rehabilitation, demolition) Other:

COMMENTS: Marc Holma, ext. 114, will be contact at DHR





# COMMONWEALTH of VIRGINIA

L. Preston Bryant, Jr.  
Secretary of Natural Resources

Department of Game and Inland Fisheries

Colonel W. Gerald Massengill  
Interim Director

June 7, 2006

Stephen J. Del Guidice  
Project Manager  
DMJM Harris Planning  
2751 Prosperity Ave, Suite 300  
Fairfax, VA 22031

RE: ESSLOG #22496, Crystal City/Potomac Yard Interim Transit Improvement Project.

Dear Mr. Del Guidice:

This letter is in response to your request for information related to the presence of threatened or endangered species in the vicinity of the above referenced project.

**This project area is adjacent to and crosses the Potomac River and Fourmile Run that are designated Confirmed Anadromous Fish Use Areas. The following anadromous and semi-anadromous species have been documented: Alewife, striped bass, blueback herring, yellow perch, American shad, and hickory shad. Therefore, the applicant should coordinate with the VDGIF Environmental Services Section (804-367-6913) concerning potential impacts to this resource.**

A block survey of an area encompassing the project site documented the presence of the *federal and state threatened* bald eagle (*Haliaeetus leucocephalus*) during breeding season. These species may occur at the project site if appropriate habitat exists, but no coordination is necessary at this time.

The *state special concern* bridle shiner has been documented in the Cameron Run, less than 0.75 miles from the southernmost boundary of your project site. The classification of *state special concern* is not a legal designation and does not require further coordination.

In addition, please note that this project area is within two miles of U.S. Department of the Army properties, Arlington National Cemetery, Fort Myer Military Reservation, and Cameron Station Military Reservation as well as National Park Service properties George Washington Memorial National Parkway and Arlington House National Historical Site.

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There is a processing charge of \$25.00 for our response. Please remit a check, made payable to **TREASURER OF VIRGINIA**, within 30 days. To insure proper credit to your account, please address your payment envelope directly to MaryBeth Murr at the address listed in the letterhead.

Information about fish and wildlife species was generated from our agency's computerized Fish and Wildlife Information System, which describes animals that are known or may occur in a particular geographic area. Field surveys may be necessary to determine the presence or absence of some of these species on or near the proposed area. Also, additional sensitive animal species may be present, but their presence has not been documented in our information system.

Endangered plants and insects are under the jurisdiction of the Virginia Department of Agriculture and Consumer Services, Bureau of Plant Protection. Questions concerning sensitive plant and insect species occurring at the project site should be directed to Keith Tignor at (804) 786-3515.

The Virginia Department of Conservation and Recreation, Natural Heritage Program, maintains a database of natural heritage resources, including the habitat of rare, threatened, or endangered plant and animal species, unique exemplary natural communities, and significant geologic formations, that may contain information not documented in this letter. Their database may be accessed from <http://www.dcr.state.va.us/dnh/nhrinfo.htm>, or by contacting S. Rene Hypes at (804) 371-2708.

This letter summarizes the likelihood of the occurrence of endangered or threatened animal species at the project site. If you have additional questions in this regard, please contact me at (804) 367-8001.

Please note that this response does not constitute consultation or management recommendations regarding endangered or threatened wildlife, or any other environmental concerns. These issues are analyzed by our Environmental Services Section, in conjunction with interagency review of applications for state and federal permits. If you have any questions in this regard, please contact the Environmental Services Section at (804) 367-6913.

*Please note that the data used to develop this response are continually updated. Therefore, if significant changes are made to your project or if the project has not begun within 6 months of receiving this letter, then the applicant should request a new review of our data.*

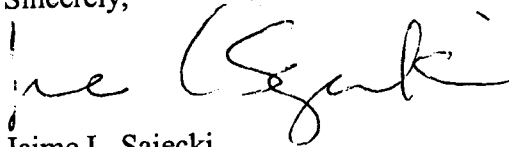
The Fish and Wildlife Information Service, the system of databases used to provide the information in this letter, can now be accessed via the Internet! The Service currently provides access to current and comprehensive information about all of Virginia's fish and wildlife resources, including those

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listed as threatened, endangered, or special concern; colonial birds; waterfowl; trout streams; and all wildlife. Users can choose a geographic location and generate a report of species known or likely to occur around that point. From our main web page, at [www.dgif.virginia.gov](http://www.dgif.virginia.gov), choose the hyperlink near the top of the page titled "Virginia Fish and Wildlife Information Service". For more information about the service, please contact Shirl Dressler at (804) 367-6913.

Thank you for your interest in the wildlife resources of Virginia.

Sincerely,

A handwritten signature in black ink, appearing to read "Jaime L. Sajecki". The signature is written in a cursive, flowing style.

Jaime L. Sajecki  
Wildlife Biologist

cc: R.T. Fernald, VDGIF  
R. Hypes, VDCR-NH

**Virginia Department of Game and Inland Fisheries  
Wildlife Diversity Division  
Environmental Response Invoice**

<b>Date of Response:</b>	June 7, 2006	
<b>EssLog Number:</b>	22496	
<b>Project Name:</b>	Crystal City/Potomac Yard Interim Transit Improvement Project	
<b>Name of Respondent:</b>	Jaime L. Sajecki	
<b>Name of Recipient:</b>	Stephen J. Del Giudice	
<b>Company Affiliation:</b>	DMJM Harris	
<b>Company Address:</b>	2751 Prosperity Ave, Suite 300, Fairfax, VA 22031	
<b>Recipient Phone #:</b>	703-645-6800	
	<b>Total Hourly Charges:</b>	\$ 25.00
	<b>Total Map Charges:</b>	\$ -
	<b>Diskettes and Copying Charges:</b>	\$ -
	<b>Total Other Charges:</b>	\$ -
	<b>Total Due:</b>	\$ 25.00

Please make checks payable to the **Treasurer of Virginia**.

Payment should be returned to:

Mary Beth Murr  
Virginia Department of Game and Inland Fisheries  
Wildlife Diversity Division  
4010 West Broad Street  
Richmond, VA 23230-1104

Questions concerning payment should be directed to the respondent above in the Fish and Wildlife Information Section at (804) 367-6913

**Please include a copy of this invoice with payment to ensure proper crediting of your account.**





# United States Department of the Interior

## FISH AND WILDLIFE SERVICE

Ecological Services  
6669 Short Lane  
Gloucester, VA 23061



Date: June 21, 2006

Project name: CRYSTAL CITY/POTOMAC YARD TRANSIT IMPROVEMENT

Project number: SEC 7-9514 City/County ARLINGTON, VA

The U.S. Fish and Wildlife Service (Service) has reviewed your request for information on federally listed or proposed endangered or threatened species and designated critical habitat for the above referenced project. The following comments are provided under provisions of the Endangered Species Act (ESA) of 1973 (87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.*).

We have reviewed the information you have provided and believe that the proposed action will not adversely affect federally listed species or federally designated critical habitat because no federally listed species are known to occur in the project area. Should project plans change or if additional information on listed and proposed species becomes available, this determination may be reconsidered.

We recommend that you contact **both** of the following State agencies for site specific information on listed species in Virginia. Each agency maintains a different database and has differing expertise and/or regulatory responsibility:

Virginia Dept. of Game & Inland Fisheries  
Environmental Services Section  
P.O. Box 11104  
Richmond, VA 23230  
(804) 367-1000

Virginia Dept. of Conservation and Recreation  
Division of Natural Heritage  
217 Governor Street, 2nd Floor  
Richmond, VA 23219  
(804) 786-7951

If either agency indicates a federally listed species **is present**, please resubmit your project description with letters from both agencies attached.

**If appropriate habitat may be present**, we recommend surveys within appropriate habitat by a qualified surveyor. Enclosed are county lists with fact sheets that contain information the species' habitat requirements and lists of qualified surveyors. If this project involves a Federal agency (Federal permit, funding, or land), we encourage the Federal agency to contact this office if appropriate habitat is present and if they determine their proposed action may affect federally listed species or critical habitat.

Determinations of the presence of waters of the United States, including wetlands, and the need for permits are made by the U.S. Army Corps of Engineers. They may be contacted at: Regulatory Branch, U.S. Army Corps of Engineers, Norfolk District, 803 Front Street, Norfolk, Virginia 23510, telephone (757) 441-7652.

Our website <http://virginiafieldoffice.fws.gov> contains many resources that may assist with project reviews. Point of contact is Mike Drummond at (804) 693-6694, ext. 114.

Sincerely,

Karen L. Mayne  
Supervisor  
Virginia Field Office



## Unknown

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**From:** ProjectReview ProjectReview [ProjectReview.Richmond\_PO.DGIF@dgif.virginia.gov]  
**Sent:** Friday, June 23, 2006 10:23 AM  
**To:** Grier, Christina  
**Cc:** John Kauffman  
**Subject:** ESSLog#22496\_Crystal City/Potomac Yard Interim TransitImprovement Project

Christy,

According to our records, this project appears to cross the Potomac River and/or its tributaries in the area including Fourmile Run. These waters have been designated Anadromous Fish Use Areas. To protect these resources during critical fish migration and spawning periods, we recommend that all instream work in these waters follow a time of year restriction from February 15 through June 30 of any year. We recommend conducting any in-stream activities during low or no-flow conditions, using non-erodible cofferdams to isolate the construction area, blocking no more than 50% of the streamflow at any given time, stockpiling excavated material in a manner that prevents reentry into the stream, restoring original streambed and streambank contours, revegetating barren areas with native vegetation, and implementing strict erosion and sediment control measures. Due to future maintenance costs associated with culverts, and the loss of riparian and aquatic habitat, we prefer stream crossings to be constructed via clear-span bridges. However, if this is not possible, we recommend countersinking any culverts below the streambed at least 6 inches, or the use of bottomless culverts, to allow passage of aquatic organisms. We also recommend the installation of floodplain culverts to carry bankfull discharges.

To minimize overall impacts to wildlife and our natural resources, we offer the following comments about development activities: We recommend that the applicant avoid and minimize impacts to undisturbed forest, wetlands, and streams to the fullest extent practicable. Avoidance and minimization of impact may include relocating stream channels as opposed to filling or channelizing as well as using, and incorporating into the development plan, a natural stream channel design and wooded buffers. We recommend maintaining undisturbed wooded buffers of at least 100 feet in width around all on-site wetlands and on both sides of all perennial and intermittent streams. We recommend maintaining wooded lots to the fullest extent possible. We generally do not support proposals to mitigate wetland impacts through the construction of stormwater management ponds, nor do we support the creation of in-stream stormwater management ponds. We are willing to assist the applicant in developing a plan that includes open-space, wildlife habitat, and natural stream channels which retain their wooded buffers.

We recommend that the stormwater controls for this project be designed to replicate and maintain the hydrographic condition of the site prior to the change in landscape. This should include, but not be limited to, utilizing bioretention areas, and minimizing the use of curb and gutter in favor of grassed swales. Bioretention areas (also called rain gardens) and grass swales are components of Low Impact Development (LID). They are designed to capture stormwater runoff as close to the source as possible and allow it to slowly infiltrate into the surrounding soil. They benefit natural resources by filtering pollutants and decreasing downstream runoff volumes.

Thank you,  
Amy Martin  
Environmental Services Biologist  
804-367-2211  
amy.martin@dgif.virginia.gov

Virginia Department of Game and Inland Fisheries Environmental Services Section  
804-367-6913





**COMMONWEALTH of VIRGINIA**  
**DEPARTMENT OF CONSERVATION AND RECREATION**

203 Governor Street, Suite 326  
Richmond, Virginia 23219-2010  
(804) 786-2556 FAX (804) 371-7899

**MEMORANDUM**

**DATE:** June 29, 2006

**TO:** Stephen J. Del Giudice, Property Manager  
DMJM Harris Planning  
2751 Prosperity Avenue, Suite 300  
Fairfax, VA 22031  
703.645.6800

**FROM:** Robert Munson, Planning Bureau Manager  
Virginia Department of Conservation and Recreation

**SUBJECT:** DCR-06-32: WMATA Crystal City/Potomac Yard Transit Improvement Project

The Department of Conservation and Recreation (DCR) has searched its Biotics Data System for occurrences of natural heritage resources from the area outlined on the submitted map. Natural heritage resources are defined as the habitat of rare, threatened, or endangered plant and animal species, unique or exemplary natural communities, and significant geologic formations.

Biotics documents the presence of natural heritage resources in the project area. However, due to the scope of the activity and the distance to the resources, we do not anticipate that this project will adversely impact these natural heritage resources.

Under a Memorandum of Agreement, DCR represents the Virginia Department of Agriculture and Consumer Services (VDACS) in comments regarding potential impacts on state-listed threatened and endangered plant and insect species. The current activity will not affect any documented state-listed plants or insects.

In addition, our files do not indicate the presence of any State Natural Area Preserves under DCR's jurisdiction in the project vicinity.

Any absence of data may indicate that the project area has not been surveyed, rather than confirm that the area lacks natural heritage resources. New and updated information is continually added to Biotics. Please contact DCR for an update on this natural heritage information if a significant amount of time passes before it is utilized.

The Virginia Department of Game and Inland Fisheries maintains a database of wildlife locations, including threatened and endangered species, trout streams, and anadromous fish waters, which may contain information not documented in this letter. Their database may be accessed from [http://www.dgif.virginia.gov/wildlife/info\\_map/index.html](http://www.dgif.virginia.gov/wildlife/info_map/index.html), or contact Shirly Dressler at (804) 367-6913.

Thank you for the opportunity to comment on this project.

Sincerely,

A handwritten signature in cursive script that reads "Robert S. Munson". The signature is written in dark ink and is positioned above the printed name.

Robert S. Munson  
Planning Bureau Manager