



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Virginia Ecological Services Field Office
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Consultation Code: 05E2VA00-2017-SLI-0914

December 16, 2016

Event Code: 05E2VA00-2017-E-01181

Project Name: Graham Quarry MRE

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*). Any activity proposed on National Wildlife Refuge lands must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and

endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2) (c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment



United States Department of Interior
Fish and Wildlife Service

Project name: Graham Quarry MRE

Official Species List

Provided by:

Virginia Ecological Services Field Office

6669 SHORT LANE

GLOUCESTER, VA 23061

(804) 693-6694

<http://www.fws.gov/northeast/virginiafield/>

Consultation Code: 05E2VA00-2017-SLI-0914

Event Code: 05E2VA00-2017-E-01181

Project Type: MINING

Project Name: Graham Quarry MRE

Project Description: Vulcan Construction Materials, LLC proposes the expansion of an existing mineral extraction operation with a second extraction pit and the relocation of the onsite processing facility, on a site known as "Graham Quarry Mineral Reserve Extraction (MRE)" in Fairfax County, Virginia. Permanent impacts are to 1.15 acres (1,607 linear feet) of jurisdictional wetlands and other waters of the U.S. Permanent impacts are to 0.36 acre of palustrine forested (PFO) wetland, 0.34 acre of palustrine scrub-shrub (PSS) wetland, and 0.44 acre (1,607 linear feet) of stream channel. The project is located in Elk Run and Little Occoquan River, tributaries to the Occoquan River, at 10000 Ox Road in Lorton, Virginia in Fairfax County.

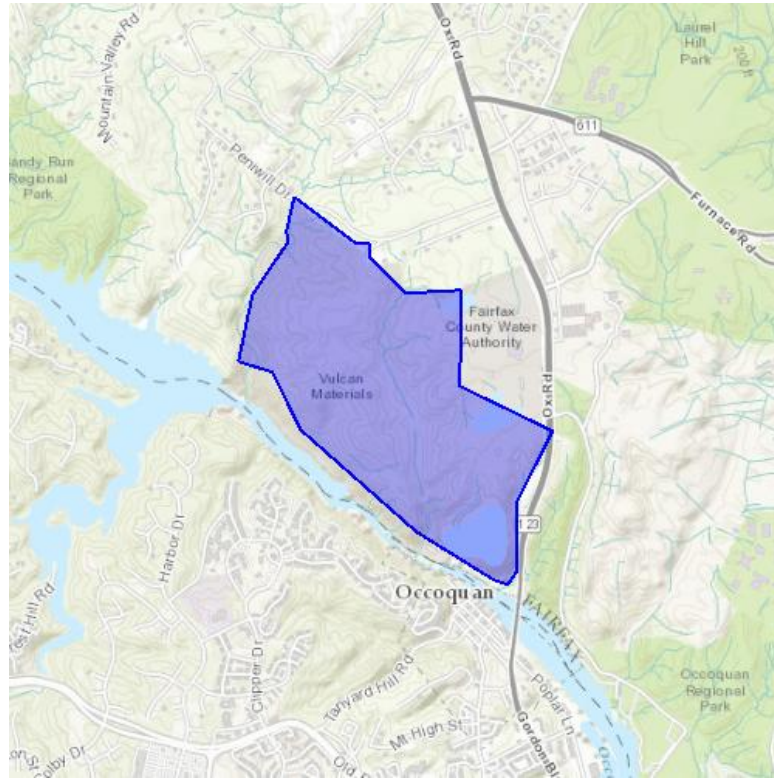
Please Note: The FWS office may have modified the Project Name and/or Project Description, so it may be different from what was submitted in your previous request. If the Consultation Code matches, the FWS considers this to be the same project. Contact the office in the 'Provided by' section of your previous Official Species list if you have any questions or concerns.



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Project name: Graham Quarry MRE

Project Location Map:



Project Coordinates: MULTIPOLYGON (((-77.27189254917903 38.70401903750848, -77.27230453543598 38.70238467953184, -77.27223587193293 38.70184881635975, -77.27443313677213 38.69933020576678, -77.27529144234722 38.69616171734362, -77.27324867300922 38.69563920615507, -77.27148056161239 38.69284571612648, -77.26440811209613 38.6879752586184, -77.25963593184133 38.68566385852795, -77.2587432905857 38.68547626180197, -77.25822830645484 38.68611944473201, -77.2581596429518 38.68944246273014, -77.25596237680293 38.6927921226383, -77.2616615339939 38.69493582266936, -77.26162720224238 38.6995713543591, -77.26499176365904 38.69943738341681, -77.26718902980792 38.701071809263176, -77.26725769331097 38.701795231150406, -77.26804733669267 38.70174164436778, -77.27189254917903 38.70401903750848)))

Project Counties: Fairfax, VA



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Endangered Species Act Species List

There are a total of 3 threatened or endangered species on your species list. Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. Critical habitats listed under the **Has Critical Habitat** column may or may not lie within your project area. See the **Critical habitats within your project area** section further below for critical habitat that lies within your project. Please contact the designated FWS office if you have questions.

Clams	Status	Has Critical Habitat	Condition(s)
Dwarf wedgemussel (<i>Alasmidonta heterodon</i>) Population: Wherever found	Endangered		
Flowering Plants			
Small Whorled pogonia (<i>Isotria medeoloides</i>) Population: Wherever found	Threatened		
Mammals			
Northern long-eared Bat (<i>Myotis septentrionalis</i>) Population: Wherever found	Threatened		



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Critical habitats that lie within your project area

There are no critical habitats within your project area.



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Appendix A: FWS National Wildlife Refuges and Fish Hatcheries

There are no refuges or fish hatcheries within your project area.