



## SUSQUEHANNA RIVER BASIN COMMISSION

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### Surface Water Withdrawal Application Susquehanna River & Consumptive Use Application Project Summary

**SRBC Pending No.:** 2021-086

This summary is only a portion of the application materials and is meant to provide general information about the proposed project.

#### **Project Sponsor**

**Company Name:** Vulcan Materials Company

**Address:** 938 Quarry Road

**State:** MD

**City:** Havre de Grace

**Zip Code:** 21078

**Contact Person:** Justin Burrage

**Title:** Plant Manager

**Telephone:** 410-942-7212

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**Mobile:** 540-204-6751

**Email:** [burragej@vmcmail.com](mailto:burragej@vmcmail.com)

#### **Requested Surface Water Withdrawal Quantity**

**Projected Design Year:** 2036

**Existing Withdrawal Quantity:** 0.234(mgd)

**Requested Withdrawal Quantity:** 0.234(mgd)

**Maximum Instantaneous Withdrawal Rate:** 500(gpm)

**Estimated Daily Operation:** 8(hours/day)

#### **Requested Consumptive Use Quantity - Yes**

**Existing Consumptive Use:** 0.234(mgd)

**Requested Consumptive Use:** 0.589(gpm)

**Pre-Compact/Grandfathered CU:** 0

#### **Facility Location**

**Street Address:** 938 Quarry Road  
**State:** MD  
**County:** Harford  
**Municipality:** Havre de Grace City  
**Zip Code:** 21078

### **Surface Water Withdrawal Source Information**

**Source Name:** Susquehanna River  
**Source Type:** stream  
**Subbasin:** Lower Susquehanna

#### Facility Description:

The Havre de Grace Quarry operates as an integrated non-coal surface mining and mineral processing facility. The integrated operation involves the removal and storage of overburden from the property, extraction of stone, and crushing, sizing, and washing of stone materials, production of rip-rap, together with support operations, including process water settlement ponds and treatment systems, and non-process storm water ponds and sediment and erosion controls. Water pumped from the quarry pit, and makeup water when needed (pumped via permitted intakes from the Susquehanna River) is distributed through a series of pumps and process water ponds and utilized in various processes related to the washing and processing of stone products, dust control, and truck tire washing. Much of the water is recirculated back through the main quarry pit sump, while a portion of the water is managed through permitted outfalls covered under a Maryland Department of the Environment NPDES General Permit for Discharges from Mineral Mines, Quarries, Borrow Pits and Concrete and Asphalt Plants MDG492956 (aka 15MM2956). The current quarry has operated continuously since 1978, and intermittently prior to that.