



## SUSQUEHANNA RIVER BASIN COMMISSION

4423 North Front Street • Harrisburg, Pennsylvania 17110-1788

Phone (717) 238-0423 • Fax (717) 238-2436

Web <http://www.srbc.net>

### Consumptive Use Application Summary

**Source Name:** Wrightsville Quarry

**SRBC Pending No.:** 2025-155

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

#### 1.0 General

This section requests pertinent information related to the consumptive use, and if applicable, out-of-basin diversion application(s) that are being requested.

#### 1.1 Project Sponsor

Company Name: Heidelberg Materials Northeast LLC

Mailing Address Line 1: 409 Stenton Avenue

Mailing Address Line 2:

City: Flourtown

State: PA

ZIP Code: 19031

#### Contact Person:

First Name: Heath

Last Name: Brown

Title: Environmental Manager

Telephone: (610) 729-1360

Fax:

Mobile: (215) 416-7584

**E-mail:** [heath.brown@heidelbergmaterials.com](mailto:heath.brown@heidelbergmaterials.com)

#### 1.4 Requested Consumptive Use Quantity(ies):

The consumptive use should be entered in million gallons per day (mgd) and rounded up to the nearest one thousand gallons (three decimal places). For multiple sources, provide the total quantity for existing and proposed consumptive use, as applicable.

##### 1.4.1 Projected Design Year:

2040

##### 1.4.2 Existing Consumptive Use Quantity

0.092(mgd)  Peak-day  30-day average

##### 1.4.3 Requested Consumptive Use Quantity

0.178(mgd)  Peak-day  30-day average

## 2.4 Facility Location

Please enter the address of the parcel where the Project Facility is located.

### 2.4.1 Facility Address

Street Address: 740 S. Front Street

State: PA

County: York

Municipality: Hellam Township

Zip Code: 17368

**Wrightsville Quarry**  
**Heidelberg Materials Northeast LLC**  
**Section 2.1 - Project Facility Description**

Wrightsville Quarry (formerly known as County Line Quarry) is a large noncoal surface mine in Wrightsville and Hellam Townships, York County, PA, that is currently owned and operated by Heidelberg Materials Northeast LLC<sup>1</sup> (“Heidelberg Materials”). Heidelberg Materials proposes to withdraw groundwater from the mine pit sump to provide up to 0.178 mgd (30-day average) for consumptive use.

The Wrightsville Quarry has been in operation since approximately 1930 for mining and processing limestone aggregate for production and sale of various aggregate products to support the construction industry. The quarry is comprised of adjacent surface mining permits 67050301, 67930301, and 4874SM1, and has a total cumulative permit area of 285.12 acres, of which approximately 191 acres are permitted for mining activities. The quarry is permitted for a maximum depth of 132 feet above mean sea level (one bench below the current pit floor). Based on estimated reserves, it is presently projected that mining operations could extend another 80 years.

The facility withdraws water from the quarry pit sump to support aggregate production activities. Water at the facility will be consumptively used for dust suppression associated with aggregate processing activities and road dust control and to dewater the active quarry pit. Water withdrawn from the pit sump is pumped through a single discharge pipe to the aggregate processing plant area where the pipe branches into two main lines: one effluent line discharges at the permitted NPDES outfall (Outfall 002) at Kreutz Creek, and the other effluent line conveys water to the aggregate plant dust suppression facilities. At the aggregate plant, the effluent line branches into a line feeding an aggregate plant wash screen tower, and another line feeding a holding tank for an overhead water truck filling station. A gravity drain from the holding tank feeds an aggregate plant NESSCO dust suppression system. The discharge capacity of the sump pump is rated at 3,000 gallons per minute (gpm), of which approximately 2,000 gpm is withdrawn for downstream uses and approximately 1,000 gpm is recirculated back into the pit sump at a relief valve in the eastern corner of the sump. When the aggregate plant is operating, the sump pump is turned on and approximately 2,000 gpm of water is conveyed to the aggregate plant dust suppression facilities (water truck filling station, NESSCO station, and wash screen station); no discharge occurs through the NPDES outfall line in this scenario (the valve is closed). Alternatively, when the aggregate plant is not operating and quarry pit dewatering is necessary, the sump pump is turned on and approximately 2,000 gpm of water is conveyed through the NPDES outfall line and discharges to Kreutz Creek; no discharge occurs through the aggregate plant dust suppression facilities in this scenario (the valves are closed).

One groundwater production well exists at the co-located hot-mix asphalt plant facility. Groundwater extracted from this well is used only for the asphalt plant laboratory and bathroom facilities, and water use is estimated at 600 gallons per day on average.

Potable water use for the facility is obtained from the municipal authority and water use is only for bathroom facilities at the quarry office, superintendent’s office, and co-located cement plant/laboratory building.

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<sup>1</sup> Heidelberg Materials Northeast LLC acquired Highway Materials, Inc., the former owner of County Line Quarry, in August 2024.