

Application Type Renewal  
Facility Type Industrial  
Major / Minor Minor

**NPDES PERMIT FACT SHEET  
INDIVIDUAL INDUSTRIAL WASTE (IW)  
AND IW STORMWATER**

Application No. PA0011517  
APS ID 845231  
Authorization ID 1279928

**Applicant and Facility Information**

Applicant Name	<u>Keystone Cement Company</u>	Facility Name	<u>Keystone Cement Company</u>
Applicant Address	<u>Route 329, Box A</u>	Facility Address	<u>Route 329 Box A</u>
	<u>Bath, PA 18014-0058</u>		<u>Bath, PA 18014</u>
Applicant Contact	<u>Beth Rinaldi, E.H.&amp; S. Document Coordinator</u>	Facility Contact	<u>Beth Rinaldi, E.H.&amp; S. Document Coordinator</u>
Applicant Phone	<u>(610) 837-1881</u>	Facility Phone	<u>(610) 837-1881</u>
Client ID	<u>245087</u>	Site ID	<u>451528</u>
SIC Code	<u>3241</u>	Municipality	<u>East Allen Township</u>
SIC Description	<u>Manufacturing - Cement, Hydraulic</u>	County	<u>Northampton</u>
Date Application Received	<u>July 2, 2019</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>November 18, 2019</u>	If No, Reason	<u>-</u>
Purpose of Application	<u>Renewal of NPDES permit for discharge of industrial waste and stormwater.</u>		

**Summary of Review**

The applicant is requesting the renewal of an NPDES permit to discharge stormwater associated with industrial activity, non-contact cooling water (NCCW), and quarry dewatering to Monocacy Creek, a HQ-CWF, MF (High Quality, Cold-Water Fishes, Migratory Fishes) designated receiving stream in Sate Water Plan Basin 2-C (Lower Lehigh River).

The permit consists of limitations for Outfalls 002, 003, 004, 005, and 006. Outfalls 003, 005, and 006 are stormwater only. Outfall 004 consists of stormwater and quarry groundwater dewatering. Outfall 002 is the discharge from a 7.0 million gallon impoundment that is utilized as an alternate water source for quarry operations and dust control. In the previous permit, Internal Monitoring Point (IMP) 102 was used to monitor quarry dewatering and intermittent non-contact cooling water flows before they enter the 7.0-million-gallon impoundment. In the permit renewal application, the permittee requests the relocation of the point of compliance from IMP 102 to Outfall 002. A site visit was conducted by the Water Quality Specialist Supervisor, Stephen Pletchan, to review this proposal. Since Outfall 002 is the actual discharge from the site and the NCCW and quarry water already combine before IMP 102, there were no objections to the permittee's request. Therefore, IMP 102 has been removed from this permit and all associated limitations will be added to Outfall 002.

This facility is categorized by SIC code 3241 (Cement Manufacturing) and is subject to EPA's CFR Title 40 Part 411 - Cement Manufacturing Point Source Category. As per Part 411's ELG, the 2014/2015 permit included monitoring and reporting for Flow, pH limitations (6.0 Inst. Minimum and 9.0 Inst. Maximum) and a 50 mg/L daily maximum limit for Total Suspended Solids (TSS) for Internal Monitoring Point (IMP)102. These limitations are carried over to Outfall 002 for this permit renewal. The ELG temperature limit to not exceed 3 degrees Celsius above inlet temperatures, does not apply. The facility uses well water to make up cooling water. The non-contact cooling water is discharged to the 7.0-million-gallon impoundment, where cooling can fully occur before discharging off the site.

Facilities categorized by this SIC code fall under Appendix N monitoring requirements of the PAG-03 General Permit for all stormwater outfalls. Appendix N of the latest statewide PAG-03 General Permit includes benchmark values for pH, Total

Approve	Deny	Signatures	Date
X		/s/ Allison Seyfried / Environmental Engineering Specialist	June 17, 2020
X		/s/ Amy M. Bellanca, P.E. / Environmental Engineer Manager	6-23-20

### Summary of Review

Suspended Solids (TSS), Total Aluminum, and Total Iron. All industries classified under Appendix N should be within 100 mg/L for TSS. This value is included as an IMAX limitation and must be sampled semi-annually at all outfalls. Semi-annual monitoring and reporting for pH, Total Aluminum, and Total Iron are also required under this permit. Monitoring and reporting requirements for Total Kjeldahl Nitrogen are removed from the permit as per updated requirements under Appendix N.

PPC plan implementation and completion of an annual inspection and compliance evaluation are required under this permit.

The previously issued permit expired on December 31, 2019 and the renewal application was received on time.

A Water Management System Inspection query was performed and indicated on December 13, 2019 a Compliance Evaluation was performed.

There are no open violations for this client that warrant withholding issuance of this permit.

#### Public Participation

DEP will publish notice of the receipt of the NPDES permit application and a tentative decision to issue the individual NPDES permit in the *Pennsylvania Bulletin* in accordance with 25 Pa. Code § 92a.82. Upon publication in the *Pennsylvania Bulletin*, DEP will accept written comments from interested persons for a 30-day period (which may be extended for one additional 15-day period at DEP's discretion), which will be considered in making a final decision on the application. Any person may request or petition for a public hearing with respect to the application. A public hearing may be held if DEP determines that there is significant public interest in holding a hearing. If a hearing is held, notice of the hearing will be published in the *Pennsylvania Bulletin* at least 30 days prior to the hearing and in at least one newspaper of general circulation within the geographical area of the discharge.

