



Mike DeWine, Governor
 Jon Husted, Lt. Governor
 Laurie A. Stevenson, Director

JUNE 6, 2019

Robert Schmude
 Environmental Superintendent
 INEOS Pigments USA, Inc.
 2900 Middle Road
 Ashtabula, Ohio 44004

**Re: Millennium Ashtabula Landfill
 Director's Authorization
 Approval
 Industrial Solid Waste Landfills
 Ashtabula County
 ISWL018450**

**Subject: Millennium Ashtabula Landfill, Ashtabula County
 Ohio Administrative Code (OAC) Rule 3745-30-08(C)(6)(g) Approval**

Dear Mr. McIntyre:

Ohio EPA JUN 6 '19
 Entered Directors Journal

On February 18, 2019, the Ohio Environmental Protection Agency (Ohio EPA), Division of Materials and Waste Management (DMWM), Northeast District Office (NEDO) received a document titled *Update of Background Groundwater Monitoring Data*, dated February 11, 2019, for Millennium Ashtabula Landfill (Facility) located at 4300 Middle Road, Ashtabula, Ohio 44004 in Ashtabula County. This document was submitted by TM Engineering on behalf of Cristal USA, Inc. (Cristal) and requested to update the datasets representing the background water quality for select monitoring wells at the Facility.

Pursuant to OAC Rule 3745-30-08(C)(6)(g), background data can be added only in blocks of data resulting from the analysis of four or more statistically independent samples after the data have been statistically compared to the current background data and no statistical differences are detected, unless another method is deemed acceptable to the director.

The following table presents the statistically different data for alkalinity, calcium, chloride, nitrate, and sulfate from wells MW2-1, MW2-2, P2-6, and P2-7 that Cristal proposes adding to the existing background datasets for the Facility:

<u>Well Number</u>	<u>Parameter</u>	<u>Date</u>	<u>Result (mg/L)</u>
MW2-1	Calcium	05/20/2015	57.7
MW2-1	Nitrate	11/01/2017	1.19
MW2-2	Chloride	05/23/2018	5300
P2-6	Chloride	11/01/2017	51.3
P2-6	Sulfate	11/07/2018	316
P2-6	Sulfate	12/06/2018	609
P2-7	Alkalinity	11/07/2018	440

Ohio EPA has reviewed the February 11, 2019 document and concurs with the request that the statistically different data be added to the existing background datasets. Ohio EPA's review determined that the owner or operator has provided sufficient evidence to

demonstrate that the statistically different data can be added to the existing background datasets and meets the requirements of OAC 3745-30-08(C)(6)(g) in the document. Therefore, Ohio EPA approves this request pursuant to OAC 3745-30-08(C)(6)(g) at the Millennium Ashtabula Landfill.

You are hereby notified that this action of the Director of Environmental Protection (Director) is final and may be appealed to the Environmental Review Appeals Commission pursuant to Ohio Revised Code Section 3745.04. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00 made payable to "Treasurer, State of Ohio." The Commission, in its discretion, may reduce the fee if by affidavit it is demonstrated that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
30 East Broad Street, 4th Floor
Columbus, Ohio 43215

If you have any questions concerning this letter, please contact Paul Parrish of Ohio EPA, DMWM, NEDO at (330) 963-1125.

Sincerely,



Kurt M. Princic
Chief, Northeast District Office
for Laurie A. Stevenson
Director, Ohio EPA

KMP:PMP

ec: Lynn Sowers, Ohio EPA, NEDO, DMWM
Eric Adams, Ohio EPA, NEDO, DMWM
Paul Parrish, Ohio EPA, NEDO, DMWM
Katharina Snyder, Ohio EPA, NEDO, DMWM
Jeremy Carroll, Ohio EPA, Central Office, DMWM
Steve Kilper, ALMI
Randy Barnes, Ashtabula County Board of Health