

18/NE

Application No.: OH0000957
Ohio EPA Permit No.: 3ID00003*QD

**National Pollutant Discharge Elimination System (NPDES) Permit Program
PUBLIC NOTICE
NPDES Permit to Discharge to State Waters**

Ohio Environmental Protection Agency
Permits Section
50 West Town St., Suite 700
P. O. Box 1049
Columbus, Ohio 43216-1049
(614) 644-2001

CLEVELAND CITY COUNCIL
TU OCT 9 2017 PM 3:27:13
CITY CLERK, CLERK OF COUNCIL

Public Notice No. OEPA 17-10-008 DFT
Date of Issue of Public Notice: Oct-05-2017
Name and Address of Applicant: ArcelorMittal Cleveland LLC, 3060 Eggers Avenue, Cleveland, OH, 44105

Name and Address of Facility Where Discharge Occurs: ArcelorMittal Cleveland LLC, 3060 Eggers Avenue, Cleveland, OH, 44105, Cuyahoga County

Outfall Flow and Location List:	001	370000 GPD	41 N 27 ' 57"	81 W 40 ' 52"
	002	5655000 GPD	41 N 27 ' 6"	81 W 40 ' 56"
	005	45200000 GPD	41 N 27 ' 54"	81 W 40 ' 21"
	008	4500 GPD	41 N 28 ' 6"	81 W 40 ' 9"
	010	504000 GPD	41 N 28 ' 20"	81 W 40 ' 1"
	011		41 N 28 ' 35"	81 W 40 ' 18"
	014	46080000 GPD	41 N 28 ' 23"	81 W 40 ' 12"
	017	665000 GPD	41 N 28 ' 20"	81 W 40 ' 10"
	022	2920000 GPD	41 N 27 ' 45"	81 W 40 ' 57"
	024	800000 GPD	41 N 27 ' 53"	81 W 41 ' 41"

Receiving Stream: Cuyahoga River

Nature of Business: ArcelorMittal Cleveland, Inc. is an integrated steel mill consisting of blast furnaces, basic oxygen steelmaking, vacuum degassing, continuous casting, hot forming, acid pickling, cold rolling, electrogalvanizing, hot dip coating and ancillary operations.

Key parameters to be limited in the permit are as follows: pH, Oil and Grease, Hexane Extr Method, Acute Toxicity, Ceriodaphnia dubia, Zinc, Total Recoverable, Lead, Total Recoverable, Mercury, Total (Low Level), Zinc, Total, pH Range Excursion, Maximum Duration - Minutes, pH, Minimum, pH, Maximum, pH Range Excursions, Monthly Total Duration - Minutes, Total Suspended Solids

On the basis of preliminary staff review and application of standards and regulations, the director of the Ohio Environmental Protection Agency will issue a permit for the discharge subject to certain effluent conditions and special conditions. The draft permit will be issued as a final action unless the director revises the draft after consideration of the record of a public meeting or written comments, or upon disapproval by the administrator of the U.S. Environmental Protection Agency. Any person may submit written comments on the draft permit and administrative record and may request a public hearing. A request for public hearing shall be in writing and shall state the nature of the issues to be raised. In appropriate cases, including cases where there is significant public interest, the director may hold a public hearing on a draft permit or permits prior to final issuance of the permit or permits. Following final action by the director, any aggrieved party has the right to appeal to the Environmental Review Appeals Commission.

Interested persons are invited to submit written comments upon the discharge permit. Comments should be submitted in person or by mail no later than 30 days after the date of this public notice. Comments should be delivered or mailed to both of the following locations: 1) Ohio Environmental Protection Agency, Lazarus Government Center, Division of Surface Water, Permits Processing Unit, 50 West Town St., Suite 700, P.O. Box 1049, Columbus, Ohio 43216-1049 and 2) Ohio Environmental Protection Agency, Northeast District Office 2110 East Aurora Road, Twinsburg, Ohio 44087 .

The Ohio EPA permit number and public notice numbers should appear next to the above address on the envelope and on each page of any submitted comments. All comments received no later than 30 days after the date of this public notice will be considered.

Proposed Water Quality Based Effluent Limitations This draft permit contains water quality based effluent limitation(s) (WQBELs). In accordance with Ohio Revised Code Section 6111.03(J)(3), the Director establishes WQBELs after considering, to the extent consistent with the Federal Water Pollution Control Act, evidence relating to the technical feasibility and economic reasonableness of removing the polluting properties from those wastes and to evidence relating to conditions calculated to result from that action and their relation to benefits to the people of the state and to accomplishment of the purposes of this chapter. This determination was made based on data and information available at the time the permit was drafted, which included the contents of the of the timely submitted National Pollutant Discharge Elimination System (NPDES) permit renewal application, along with any and all pertinent information available to the Director.

This public notice hereby allows the permittee to provide to the Director for consideration during this public comment period, additional site-specific pertinent and factual information with respect to the technical feasibility and economic reasonableness for achieving compliance with WQBEL(s). This information shall be submitted to the addresses listed above.

Should the applicant need additional time to review, obtain or develop site-specific pertinent and factual information with respect to the technical feasibility and economic reasonableness of achieving compliance with WQBEL(s), written notification for any additional time shall be sent no later than 30 days after the date of this public notice to the Director at the addresses listed above.

Should the applicant determine that compliance with a WQBEL is technically and/or economically unattainable, the permittee may submit an application for a variance to the applicable WQBEL in accordance with the terms and conditions set forth in Ohio Administrative Code (OAC) Rule 3745-33-07(D) no later than 30 days after the date of this public notice to the addresses listed above.

Alternately, the applicant may propose the development of site-specific water quality standard(s) pursuant to OAC Rule 3745-1-35. The permittee shall submit written notification to the Director regarding their intent to develop site-specific water quality standards for the pollutant at issue to the addresses listed above no later than 30 days after the date of this public notice.

The application, fact sheets, permit including effluent limitations, special conditions, comments received, and other documents are available for inspection and may be copied at a cost of 5 cents per page at the Ohio Environmental Protection Agency at the address shown on page one of this public notice any time between the hours of 8 a.m. and 4:30 p.m., Monday through Friday. Copies of the public notice are available at no charge at the same address. Individual NPDES draft permits that are in public notice are now available on DSW's web site: <http://www.epa.ohio.gov/dsw/permits/individuals/draftperm.aspx>

Mailing lists are maintained for persons or groups who desire to receive public notice for all applications in the state or for certain geographical areas. Persons or groups may also request copies of fact sheets, applications, or other documents pertaining to specific applications. Persons or groups may have their names put on such a list by making a written request to the agency at the address shown above.

PUBLIC NOTICE

U.S. Environmental Protection Agency
Region 5, Water Division (WN-16J)
77 West Jackson Blvd
Chicago, Illinois 60604

Ohio Environmental Protection Agency
Division of Surface Water
Lazarus Government Center
50 West Town Street, Suite 700
P.O. Box 1049
Columbus, Ohio 43216-1049

Public Notice No.: 17-10-008
Public Notice Date: October 5, 2017

ACTION: Notice of tentative decision to grant, pursuant to Section 301(g) of the Clean Water Act (CWA), a modification of an existing variance from best available technology economically achievable (BAT) treatment requirements for the nonconventional pollutant, ammonia (as N), for:

ArcelorMittal Steel, Cleveland Works
3060 Eggers Avenue
Cleveland, Ohio 44127
NPDES Permit Number OH0000957

SUMMARY: ArcelorMittal Steel, pursuant to Sections 301(g) of the CWA, requested modification of a previously-approved variance from the BAT treatment requirements for the nonconventional pollutant ammonia (as N) discharged from its blast furnace through external outfall 005 (monitored internally at outfall 604) ArcelorMittal Steel operates an integrated steel mill with no coke-making operations at its Cleveland Works. Outfall 604 contains blowdown from the common gas cooling and scrubber process water treatment and recycle system for the No. C5 and C6 blast furnaces. The treatment and recycle system includes clarifiers for removal of particulates removed from the blast furnaces gas, a mechanical draft cooling tower for cooling the re-circulating water and ancillary pump stations and sludge dewatering equipment. A portion of the re-circulating water is used for cooling slag generated from the blast furnaces and a low volume blow-down is discharged through Outfall 604. The discharge from Outfall 604 is combined with non-contact cooling water, storm water and groundwater and is discharged via Outfall 005 to the Cuyahoga River.

Section 301(g) of the CWA authorizes the U.S. Environmental Protection Agency (U.S. EPA) to modify the BAT requirements for nonconventional pollutants provided a satisfactory demonstration is made that, among other factors, such modification will not interfere with the attainment of water quality standards that assure the protection of public water supplies and aquatic life, and will not pose an unacceptable risk to human health or the environment.

The Ohio Environmental Protection Agency (OEPA) reviewed the ArcelorMittal Steel application to modify the original variance and recommended that U.S. EPA approve the modification. The proposed modified effluent limitations (PMELs) for the internal outfall 604, which would be in effect if the modification is granted, are compared with the best practicable technology currently available (BPT) and BAT limitations:

Effluent Limitations	30 Day Average (kg/day)	Daily Maximum (kg/day)
BAT	24.5	73.6
BPT	451	1,353
Ohio EPA WQBELs		
Summer	N/A	3,135
Winter	N/A	2,472
2001 Section 301(g) Approved Limitations		
Summer	62.4	85.6
Winter	81.6	211
Modified PMELs Section 301(g) Variance		
Year-round	224	294

The modified PMELs are reflective of existing discharge conditions and will meet the applicable Ohio water quality standards at the edge of the mixing zone. U.S. EPA has analyzed the merits of the ArcelorMittal Steel request and believes that it satisfies all of the statutory criteria. Therefore, U.S. EPA, in conformance with the Tentative Decision of the Region 5 Regional Administrator, is today proposing to grant the ArcelorMittal Steel request to modify its previous Section 301(g) variance for ammonia (as N).

PROCEDURES FOR FINAL DETERMINATION: Interested persons may submit written comments on the Tentative Decision to grant a modification of the Section 301(g) variance to the U.S. EPA Regional Administrator within 30 days of the date of this public notice at the address below. Comments should be specific and include the basis and relevant facts upon which they are made. Anyone who is interested in commenting on this Tentative Decision should be aware of the obligation to raise issues, and to provide supporting information, for consideration during this public comment period in order to raise those issues in a subsequent appeal (40 CFR §§ 124.13, 124.64(b) and 124.19). All comments will be considered in the formulation of a final decision on this variance.

A public hearing on this Tentative Decision may be held if significant public interest in a public hearing is expressed (40 CFR § 124.12). Interested persons should submit their requests for a public hearing along with their issues of concern during the period specified above for submitting written comments (40 CFR § 124.11).

Following the close of public comment period, U.S. EPA will make a final decision on the ArcelorMittal Steel Section 301(g) variance request. An appeal of the final decision on the variance may be made under 40 CFR §§ 124.64(b) and 124.19.

The application, Tentative Decision, Tentative Decision Support Document, and administrative record are available for review at U.S. EPA Region 5 offices at the address below and at OEPA. Documents may also be viewed or downloaded from <http://epa.ohio.gov/dsw/permits/ArcelorMittalCleveland.aspx>. All comments regarding the Tentative Decision submitted on or before 30 days after publication of this notice will be considered and should be sent to the Region Administrator, U.S. Environmental Protection Agency, Attention: Water Division (WN-16J), 77 West Jackson Blvd., Chicago, Illinois 60604, with a copy

to Ohio Environmental Protection Agency, Division of Surface Water, Lazarus Government Center, 50 West Town Street, Suite 700, P.O. Box 1049, Columbus, Ohio 43216-1049.

For further information regarding this variance decision, please contact Mr. Robert Pepin, U.S. Environmental Protection Agency, Water Division (WN-16J), 77 West Jackson Blvd., Chicago, Illinois 60604 (telephone: (312) 886-1505; email: pepin.robert@epa.gov).