

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER QUALITY – NPDES PERMIT SECTION

NOTICE OF DRAFT NPDES RENEWAL and
ALTERNATE THERMAL EFFLUENT LIMITS

PUBLIC NOTICE NO. 2016- 2C – RD
DATE OF NOTICE: FEBRUARY 18, 2016
DATE RESPONSE DUE: MARCH 18, 2016

MAJOR – RENEWAL & ATEL

ARCELORMITTAL – BURNS HARBOR, Permit No. IN0000175, PORTER COUNTY, 250 W. US HWY 12, Burns Harbor, IN. The permittee submitted this renewal with a request for an Alternate Thermal Effluent Limitation (ATEL) renewal at Outfalls 001 & 002. The ATEL is allowed by Clean Water Act Section 316(a) to two monitoring points located on the East Branch of the Little Calumet River via Samuelson Ditch, and Burns Waterway Harbor. ArcelorMittal owns and operates one of the largest fully integrated steel mills in North America, with the capacity to produce approximately 5 million tons of raw steel per year. Intermediate and final products include coke, sinter, iron, raw steel, cast steel, plate, hot strip, cold rolled strip, and coated steels. The facility withdraws water from Lake Michigan with one (1) Outfall actively discharging an average of 135 MGD to the East Branch of the Little Calumet River, one (1) Outfall actively discharging an average of 221 MGD to Burns Waterway Harbor, and one (1) Outfall actively discharging an average of 1.4 MGD to Lake Michigan. **Alternate Thermal Effluent Limitations (ATEL):** As part of this permit renewal, IDEM proposes to continue to allow Alternate Thermal Effluent Limitations for Outfalls 001 and 002 in accordance with Section 316(a) of the Clean Water Act and 327 IAC 5-7. Compliance with the temperature limitations is determined at each outfall. In the absence of approved ATEL, the water quality based effluent limits would apply. Based on preliminary staff review and application of pertinent standards & regulations, IDEM proposes to issue this Permit renewal which imposes certain effluent limitations, monitoring requirements, and special conditions. The permit term is for no more than five years.

Water Quality Based Effluent Limitation Table

<u>Month</u>	<u>Temp (°F)</u>
Jan	50
Feb	50
Mar	60
Apr	70
May	80
Jun	90
Jul	90
Aug	90
Sep	90
Oct	78
Nov	70
Dec	57

Alternate Thermal Effluent Limitations Table for Outfalls 001 and 002
Maximum Water Temperatures (°F)

<u>Month</u>	Daily <u>Maximum</u> (001)	Daily <u>Maximum</u> (002)
January	60	55
February	60	57
March	65	63
April	71	69
May	81	77
June	86	82
July	86	88
August	86	90
September	85	88
October	80	81
November	75	72
December	65	63

Permit Manager: rhamblin@idem.in.gov; 317/232-8696 or 800/ 451-6027 x 28696 (Indiana only). Published in the Vidette Times.

Accessible Documents: All documents are on file at IDEM/OWQ, Industrial Permits Section, (Rm 1255, mail code 65/42PS) 100 N Senate Av, Indpls, IN from 9 - 4, M - F, (excluding state holidays- copies 10¢ per page). The Draft Permit is on file as follows: Health Department, Gary Public Library/main branch, IDEM Northwest Regional Office & the IDEM website: <http://in.gov/idem/cleanwater/2480.htm>.

Comments/Public Hearing: IDEM is required, by Rule 327 IAC 5-3.5-5, to publish this Notice & solicit public comment or requests for Public Hearing. Only written correspondence is accepted (direct, hand-delivered, or Email) for consideration in the Final determination to issue a permit. Please note: direct your correspondence to the Permit Manager. All written correspondence must be postmarked no later than the Response Due date of this Notice. Notices of subsequent action will ONLY be sent to persons providing their contact address or Email & cannot be made to persons who fail to request such notifications. **Public Hearing (PH) Determination:** IDEM will determine if a Public Hearing is needed based on written comments/requests received.. All PH requests must include the following: name & contact information (address, phone, E-mail) of the person making the request & their interest; persons represented by the person making the request; the reason for the request; and the issues proposed for consideration at the Hearing. For your rights & responsibilities see: Public Participation: <http://www.in.gov/idem/5474.htm>; **Citizen Guide:** <http://www.in.gov/idem/5903.htm>. Please tell others you think would be interested in this matter.