

**STATE OF INDIANA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
PUBLIC NOTICE NO 20240426 – INP000627– D**

DATE OF NOTICE: April 26, 2024

DATE RESPONSE DUE: May 28, 2024

The Office of Water Quality proposes the following **DRAFT IWP PERMIT**:

MINOR – Modification :

Material Handling Exchange, Inc, Permit INP000627, JOHNSON COUNTY, 1001 Hurricane Street, Franklin, IN. This facility cleans and powder coats metal parts. The permittee is requesting an update to their discharge limits to be in line with the sewer use ordinance limits recently adopted by the City of Franklin. Permit Manager Jodi Wray at 317-447-4176 or jwray@idem.in.gov. Posted online at <https://www.in.gov/idem/public-notices/>.

PROCEDURES TO FILE A RESPONSE

You are hereby notified of the availability of a 30-day public comment period regarding the referenced draft permit, in accordance with 327 IAC 5-3-9. The application and draft permit documents are available for inspection at IDEM, Office of Water Quality, Indiana Government Center North - Room 1255, 100 N. Senate Ave, Indianapolis, IN 46204 from 9:00 a.m. until 4:00 p.m., Monday thru Friday, (copies 10¢ per page). The Draft Permit is posted online on the above-referenced IDEM public notice web page. A courtesy copy has also been sent via email to the local County Health Department. Please tell others whom you think would be interested in this matter. For more information about public participation including your rights & responsibilities, please see <https://www.in.gov/idem/public-notices/>. You may want to consult our online Citizens' Guide to IDEM: <https://www.in.gov/idem/resources/citizens-guide-to-idem/>.

Comments: The proposed decision to issue a permit is tentative. Interested persons are invited to submit written comments on the draft permit. All comments must be delivered to IDEM or postmarked no later than the Response Due Date noted to be considered in the decision to issue a final permit. Deliver or mail all requests or comments to the attention of the Permit Manager at the above address.

To Request a Public Hearing: Any person may request a public hearing. A written request must be submitted to the above address on or before the Response Due Date. The written request shall include: the name and address of the person making the request, the interest of the person making the request, persons represented by the person making the request, the reason for the request and the issues proposed for consideration at the hearing. The Department will determine whether to hold a public hearing based upon the comments and the rationale for the request. Public Notice of such a hearing will be circulated in at least one newspaper in the geographical area of the discharge and to those persons submitting comments and/or on the mailing list at least 30 days prior to the hearing.



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

100 N. Senate Avenue • Indianapolis, IN 46204

(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

Eric J. Holcomb
Governor

Brian C. Rockensuess
Commissioner

April 26, 2024

VIA ELECTRONIC MAIL

Jeremy Baughman, Maintenance Manager
Material Handling Exchange, Inc.
1001 Hurricane Street
Franklin, IN 46131

Dear Jeremy Baughman:

Re: IWP Permit No. INP000627
Draft Permit Modification
Material Handling Exchange, Inc.
Franklin, IN – Johnson County

Your request for a permit modification has been reviewed and processed in accordance with rules adopted under 327 IAC 5. The enclosed Pages 1 through 4 of 27 are intended to replace the corresponding pages of your existing IWP Permit No. INP000627. An accompanying Briefing Memo itemizes and explains the rationale for the revisions.

Pursuant to IC 13-15-5-1, IDEM will publish the draft permit document online at <https://www.in.gov/idem/public-notices/>. Additional information on public participation can be found in the "Citizens' Guide to IDEM", available at <https://www.in.gov/idem/resources/citizens-guide-to-idem/>. A 30-day comment period is available to solicit input from interested parties, including the public.

Please review this draft permit modification and associated documents carefully to become familiar with the proposed terms and conditions. Comments concerning the draft permit modification should be submitted in accordance with the procedure outlined in the enclosed public notice form. We suggest that you meet with us to discuss major concerns or objections you may have with the draft permit modification.



Jeremy Baughman, Maintenance Manager
Page 2

Questions concerning this draft permit modification may be addressed to Jodi Wray of my staff, at 317/447-4176 or by email at jwray@idem.in.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Richard Hamblin". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Richard Hamblin, Chief
Industrial NPDES Permits Section
Office of Water Quality

Enclosures

cc: Johnson County Health Department
Sally Brown, City of Franklin POTW
Jay Hanko, IDEM
Kevin Stark, IDEM

STATE OF INDIANA

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
AMENDED AUTHORIZATION TO DISCHARGE UNDER THE
INDUSTRIAL WASTEWATER PRETREATMENT PROGRAM

INDUSTRIAL WASTEWATER PRETREATMENT (IWP) PERMIT

In accordance with 327 IAC 5-21 and IDEM's permitting authority under IC 13-15, **Material Handling Exchange Inc.** (hereinafter referred to as the permittee) is authorized to discharge, from the facility located at 1001 Hurricane Street, Franklin, Indiana into the Franklin Publicly Owned Treatment Works (POTW), in accordance with the effluent limitations, monitoring requirements, and other conditions set forth in Parts I and II hereof.

The permit, as issued on January 27, 2022, is hereby amended, as contained herein. The amended provisions shall become effective _____. All terms and conditions of the permit not modified at this time remain in effect. Further, any existing condition or term affected by the amendments will remain in effect until the amended provisions become effective. This permit and the authorization to discharge, as amended, shall expire at midnight February 28, 2027.

NOTE: In order to receive authorization to discharge beyond the date of expiration, the permittee must submit a renewal IWP permit application to the Industrial NPDES Permit Section in the Office of Water Quality, no later than one hundred and eighty (180) days prior to the date this permit expires. Failure to do so will result in expiration of the authorization to discharge.

Signed on _____ for the Indiana Department of
Environmental Management.

Jerry Dittmer, Chief
Permits Branch
Office of Water Quality

PART I

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning on the effective date of this permit, the permittee is authorized to discharge from Outfall 001 and Outfall 002 [1][2]. Outfalls 001 and 002 are located in the Waste Pit following the powder coating operation, prior to combination with sanitary wastewater. Outfall 002 will be used as a backup outfall in the event of a problem with Outfall 001. If there is a problem with Outfall 001, both lines will discharge to Outfall 002. Such discharge shall be limited and monitored by the permittee as specified below:

Table 1

Parameter[3]	Discharge Limitations		Monitoring Requirements		
	Daily Maximum	Monthly Average	Unit	Measurement Frequency[4]	Sample Type [5]
Flow [6]	Report	Report	MGD	Daily	24-Hr. Total
Cadmium [Cd]	0.11[7]	0.07 [7]	mg/l	1 X Monthly	24 Hr. Comp
Total Chromium	1.71 [8]	1.71 [9]	mg/l	1 X Monthly	24 Hr. Comp
Copper [Cu]	2.07 [8]	2.07 [9]	mg/l	1 X Monthly	24 Hr. Comp
Lead [Pb]	0.69 [7]	0.43 [7]	mg/l	1 X Monthly	24 Hr. Comp
Nickel [Ni]	3.74 [8]	2.38 [7]	mg/l	1 X Monthly	24 Hr. Comp
Silver [Ag]	0.43 [7]	0.24 [7]	mg/l	1 X Monthly	24 Hr. Comp
Zinc [Zn]	2.61 [7]	1.48 [7]	mg/l	1 X Monthly	24 Hr. Comp
Total Cyanide [11]	0.23 [8]	0.23 [9]	mg/l	1 X Monthly	Grab
TTO [12]	2.0 [8]	----	mg/l	2 X Yearly	Grab

Table 2

Parameter	Quality or Concentration		Monitoring Requirements		
	Daily Minimum	Daily Maximum	Units	Measurement Frequency	Sample Type
pH [10]	5.0 [8]	10.0 [8]	s.u.	Daily	Grab

- [1] Outfalls 001 and 002 shall be designated as process wastewaters and contain no dilution streams.
- [2] The discharge shall not exceed the local limits in the Sewer Use Ordinance upon entering the POTW.
- [3] All metals shall be analyzed as Total Recoverable Metals.
- [4] A “24-hour composite sample” means a sample consisting of at least 3 individual flow-proportional samples of wastewater, consisting of aliquots withdrawn throughout the 24-hour discharge period. The aliquots may be: (i) uniform aliquots withdrawn at uniform flow intervals; (ii) flow-proportional aliquots withdrawn at uniform time intervals; or (iii) for batch discharge, uniform aliquots withdrawn from uniform batch volumes. A flow-proportioned composite sample may be obtained by:
 - (1) recording the discharge flow rate at the time each individual sample is taken,
 - (2) adding together the discharge flow rates recorded from each individual sampling time to formulate the “total flow” value,
 - (3) the discharge flow rate of each individual sampling time is divided by the total flow value to determine its percentage of the total flow value,
 - (4) then multiply the volume of the total composite sample by each individual sample’s percentage to determine the volume of that individual sample which will be included in the total composite sample.

Alternatively, a 24-hour composite sample may be obtained by an automatic sampler on an equal time interval basis over a twenty-four hour period provided that a minimum of 24 samples are taken and combined prior to analysis. The samples do not need to be flow-proportioned if the permittee collects samples in this manner.
- [5] Parameters that are to be monitored twice per year shall be reported during the months of June and December. If, however, two other months are more appropriate, the permittee may request to report in two alternate months, or the State may require the permittee to report during two alternate months.
- [6] The flow must be measured and recorded using valid flow measurement devices, not estimated. The flow monitoring device must be calibrated at least once every twelve (12) months.
- [7] Based on categorical standards [40 CFR 433.17]. The Standard is concentration based (mg/l).
- [8] Based on local ordinance [City of Franklin Ordinance No. 23-04, adopted April 17, 2023].
- [9] In order to be at least as stringent as the categorical pretreatment standards as required, the local daily maximum for these parameters has been included as the monthly average.

- [10] If the permittee collects more than one grab sample on a given day for pH, the values shall not be averaged for reporting daily maximums or daily minimums. The permittee must report the individual minimum and the individual maximum pH value of any sample during the month on the Monthly Monitoring Report form.
- [11] The CN(T) parameter includes all cyanide, chelated (bound to heavy metals) and unchelated (free). The Metal Finishing Standard for CN(T) applies only to the CNbearing flows prior to mixing with the non-CN Metal Finishing flows.
- [12] The Total Toxic Organics (TTO) parameter is defined as the sum of all the quantifiable concentration values above .01 mg/l for the toxic organic compounds that constitute this parameter under the applicable categorical standard.



Industrial Wastewater Pretreatment (IWP)
Briefing Memo for
Material Handling Exchange, Inc.
Draft Modification April 2024
Final Modification TBD

Indiana Department of Environmental Management

100 North Senate Avenue
 Indianapolis, Indiana 46204
 (317) 232-8603
 Toll Free (800) 451-6027
www.idem.IN.gov

Permittee:	Material Handling Exchange, Inc. 1001 Hurricane Street Franklin, Indiana 46131
Existing Permit Information:	Permit Number: INP000627 Expiration Date: February 28, 2027
Facility Contact:	Jeremy Baughman, Maintenance Manager (317) 937-4303, hsstool@m-h-e.com
Facility Location:	1001 Hurricane Street Franklin, Indiana 46131 Johnson County
Receiving POTW:	Franklin POTW 796 South State Street Franklin, IN 46131 NPDES Permit # IN0021181
Proposed Permit Action:	Modify
Source Category	Industrial Pretreatment
Permit Writer:	Jodi Wray (317) 447-4176; jwray@idem.in.gov

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1.0 INTRODUCTION

The Indiana Department of Environmental Management (IDEM) received a request from Material Handling Exchange, Inc. on March 27, 2024 to modify Industrial Wastewater Pretreatment (IWP) Permit INP000627. The current five year permit was issued with an effective date of March 1, 2022 in accordance with 327 IAC 5-2-6(a).

In accordance with Title 40 of the Code of Federal Regulations (CFR) Sections 124.7 and 124.56, as well as Indiana Administrative Code (IAC) 327 Article 5, development of a Statement of Basis, or Briefing Memo, is required for NPDES permits. This document fulfills the requirements established in those regulations.

This Briefing Memo identifies the basis for this modification to the permit and the modified pages of the permit issued on January 27, 2022.

2.0 PERMIT MODIFICATION

2.1 Modification Request

The city of Franklin changed their Sewer Use Ordinance and the facility would like the limits to be updated.

2.2 IDEM's Proposed Modification

IDEM will update the limits accordingly, to reflect the new SUO adopted on April 17, 2023. The new limits are displayed in the table below.

2.3 Summary of Limits and Basis for Each: Outfall 001 and 002

The table below summarizes the permit limits at the designated sample site (001 and 002) [1][2]. Outfalls 001 and 002 are located in the Waste Pit following the powder coating operation, prior to combination with sanitary wastewater. Outfall 002 will be used as a backup outfall in the event of a problem with Outfall 001. If there is a problem with Outfall 001, both lines will discharge to Outfall 002.

Table 1

Parameter[3]	Discharge Limitations		Monitoring Requirements		
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- Alternatively, a 24-hour composite sample may be obtained by an automatic sampler on an equal time interval basis over a twenty-four hour period provided that a minimum of 24 samples are taken and combined prior to analysis. The samples do not need to be flow-proportioned if the permittee collects samples in this manner.
- [5] Parameters that are to be monitored twice per year shall be reported during the months of June and December. If, however, two other months are more appropriate, the permittee may request to report in two alternate months, or the State may require the permittee to report during two alternate months.
- [6] The flow must be measured and recorded using valid flow measurement devices, not estimated. The flow monitoring device must be calibrated at least once every twelve (12) months.
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- [12] The Total Toxic Organics (TTO) parameter is defined as the sum of all the quantifiable concentration values above .01 mg/l for the toxic organic compounds that constitute this parameter under the applicable categorical standard.

2.4 Permit Processing/Public Comment

Pursuant to IC 13-15-5-1, IDEM will publish the draft permit document online at <https://www.in.gov/idem/public-notices/>. Additional information on public participation can be found in the "Citizens' Guide to IDEM", available at <https://www.in.gov/idem/resources/citizens-guide-to-idem/>. A 30-day comment period is available to solicit input from interested parties, including the public.