



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

BRUCE RAUNER, GOVERNOR

ALEC MESSINA, DIRECTOR

217/782-0610

June 5, 2018

Municipal Clerk
2200 North Seminary Avenue
Woodstock, Illinois 60098



Re: Central Wire Inc.
NPDES Permit No. IL0070408
Bureau ID # W1110900004
Public Notice of Permit

Municipal Clerk:

In accordance with the requirements of the Illinois Pollution Control Board regulations of 35 Ill. Adm. Code 309.109(a)(2)(A), the attached National Pollutant Discharge Elimination System Public Notice is sent to a municipality in the vicinity of the applicant. The Agency understands that the applicant may not be associated with the municipality to which it is sent.

Please post the attached National Pollutant Discharge Elimination System Public Notice for a period of 30 days. In addition, please complete and return the enclosed postcard indicating the date of posting. Should you choose not to post the attached notice, please indicate so on the postcard and return.

Thank you for your cooperation.

Sincerely,

Darin E. LeCrone, P.E.
Manager, Industrial Unit
Division of Water Pollution Control

DEL:SMT:18042401.smt

Attachments: Public Notice/Fact Sheet, Post Card

cc: Records Unit

NPDES Permit No. IL0070408
Notice No. SMT:18042401.smt

Public Notice Beginning Date: **June 5, 2018**

Public Notice Ending Date: **July 5, 2018**

National Pollutant Discharge Elimination System (NPDES)
Permit Program

Draft Reissued NPDES Permit to Discharge into Waters of the State

Public Notice/Fact Sheet Issued By:

Illinois Environmental Protection Agency
Bureau of Water
Division of Water Pollution Control
Permit Section
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276
217/782-0610

Name and Address of Discharger:

Central Wire Inc.
6509 Olson Road
Union, Illinois 60180

Name and Address of Facility:

Central Wire Inc.
6509 Olson Road
Union, Illinois 60180
(McHenry County)

The Illinois Environmental Protection Agency (IEPA) has made a tentative determination to issue a NPDES permit to discharge into the waters of the state and has prepared a draft permit and associated fact sheet for the above named discharger. The Public Notice period will begin and end on the dates indicated in the heading of this Public Notice/Fact Sheet. The last day comments will be received will be on the Public Notice period ending date unless a commentor demonstrating the need for additional time requests an extension to this comment period and the request is granted by the IEPA. Interested persons are invited to submit written comments on the draft permit to the IEPA at the above address. Commentors shall provide his or her name and address and the nature of the issues proposed to be raised and the evidence proposed to be presented with regards to those issues. Commentors may include a request for public hearing. Persons submitting comments and/or requests for public hearing shall also send a copy of such comments or requests to the permit applicant. The NPDES permit and notice number(s) must appear on each comment page.

The application, engineer's review notes including load limit calculations, Public Notice/Fact Sheet, draft permit, comments received, and other documents are available for inspection and may be copied at the IEPA between 9:30 a.m. and 3:30 p.m. Monday through Friday when scheduled by the interested person.

If written comments or requests indicate a significant degree of public interest in the draft permit, the permitting authority may, at its discretion, hold a public hearing. Public notice will be given 45 days before any public hearing. Response to comments will be provided when the final permit is issued. For further information, please call Shu-Mei Tsai at 217/782-0610.

The applicant is engaged in steel wire drawing to produce stainless steel wire coils of varying diameters and tensile strengths which may be coated (SIC 3315). Waste water is generated from a groundwater remediation project. Plant operation results in an average discharge of 0.72 MGD of treated groundwater from outfall 001, and an average discharge of 0.576 MGD of groundwater extraction from outfall 002.

The following modification is proposed:

1. The names of the discharger and the facility have been changed.
2. Additional Outfall 002 has been added in the permit.

Application is made for existing discharge which is located in McHenry County, Illinois. The following information identifies the discharge point, receiving stream and stream classifications:

<u>Outfall</u>	<u>Receiving Stream</u>	<u>Latitude</u>		<u>Longitude</u>		<u>Stream Classification</u>	<u>Integrity Rating</u>
001	South Branch of the Kishwaukee River	42° 14' 51.63"	North	88° 32' 22.15"	West	General Use	Not Rated
002	South Branch of the Kishwaukee River	42° 15' 15.74"	North	88° 32' 50.04"	West	General Use	Not Rated

To assist you further in identifying the location of the discharge please see the attached map.

The subject facility discharges to the South Branch of the Kishwaukee River at a point where 4.2 cfs of flow exists upstream of the outfall during critical 7Q10 low-flow conditions. The South Branch of the Kishwaukee River is not listed as a biologically significant stream in the 2008 Illinois Department of Natural Resources Publication *Integrating Multiple Taxa in a Biological Stream Rating System*, nor is it given an integrity rating in that document. The South Branch of the Kishwaukee River, Waterbody Segment, PQI-10, is not listed on the draft 2016 Illinois Integrated Water Quality Report and Section 303(d) List. Aquatic life and aesthetic quality uses are fully supported. The South Branch of the Kishwaukee River is not subject to enhanced dissolved oxygen standards.

The discharge from the facility shall be monitored and limited at all times as follows:

Outfall 001: Treated Groundwater (Discharge = 0.72 MGD)

PARAMETER	LOAD LIMITS lbs/day <u>DAF (DMF)</u>		REGULATION	CONCENTRATION <u>LIMITS mg/l</u>		REGULATION
	30 DAY AVERAGE	DAILY MAXIMUM		30 DAY AVERAGE	DAILY MAXIMUM	
Flow (MGD)						
pH				6 – 9 s.u.		35 IAC 304.125
1,1,1 - Trichloroethane				0.39	4.9	40 CFR 122.44(l)
Tetrachloroethylene				0.15	1.2	40 CFR 122.44(l)
Trichloroethene				0.94	12	40 CFR 122.44(l)

Outfall 002: Groundwater Extraction (Discharge = 0.576 MGD)

PARAMETER	LOAD LIMITS lbs/day <u>DAF (DMF)</u>		REGULATION	CONCENTRATION <u>LIMITS mg/l</u>		REGULATION
	30 DAY AVERAGE	DAILY MAXIMUM		30 DAY AVERAGE	DAILY MAXIMUM	
Flow (MGD)						
pH				6 – 9 s.u.		35 IAC 304.125
1,1,1 - Trichloroethane				0.39	4.9	40 CFR 122.44(l)
Tetrachloroethylene				0.15	1.2	40 CFR 122.44(l)
Trichloroethene				0.94	12	40 CFR 122.44(l)

DRAFT

JUN 05 2018

Public Noticed

Public Notice/Fact Sheet -- Page 3 -- NPDES Permit No. IL0070408

The following explain the conditions of the proposed permit:

The special conditions clarify the flow, pH, monitoring location, class K operator, and discharge monitoring report submission.

Antidegradation Assessment
NPDES Permit No. IL0070408 (McHenry County)

The subject facility has applied to modify their existing NPDES permit to include groundwater extraction to keep contaminated groundwater plume from impacting irrigation and residential wells via Outfall 002.

Identification and Characterization of the Affected Water Body.

The subject facility discharges to the South Branch of the Kishwaukee River at a point where 4.2 cfs of flow exists upstream of the outfall during critical 7Q10 low-flow conditions. The South Branch of the Kishwaukee River is classified as a General Use Water. The South Branch of the Kishwaukee River is not listed as a biologically significant stream in the 2008 Illinois Department of Natural Resources Publication *Integrating Multiple Taxa in a Biological Stream Rating System*, nor is it given an integrity rating in that document. The South Branch of the Kishwaukee River, Waterbody Segment, PQI-10, is not listed on the draft 2016 Illinois Integrated Water Quality Report and Section 303(d) List. Aquatic life and aesthetic quality uses are fully supported. The South Branch of the Kishwaukee River is not subject to enhanced dissolved oxygen standards.

Agency Conclusion.

Upon completing the assessment, it has been determined that the proposed activity is a result of a Resource Conservation and Recovery Act (RCRA), we find that it is subject to Subsection (d) "Activities Not Subject to a Further Antidegradation Assessment" of 35 Ill. Adm. Code 302.105.

