

NPDES Permit No. IL0071340  
Notice No. LRL:11070804.bah

Public Notice Beginning Date: **August 5, 2011**

Public Notice Ending Date: **September 6, 2011**

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:

Rockwell Automation  
1201 South 2nd Street  
Mail Stop B5 M28  
Milwaukee, Wisconsin 53204

Name and Address of Facility:

Rockwell Automation - Carpentersville  
400 Maple Avenue  
Carpentersville, Illinois 60110  
(Kane 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 Leslie Lowry at 217/782-0610.

The applicant is engaged in operating a groundwater remediation system (SIC 4959). Plant operation results in an average discharge of 0.061 MGD of treated contaminated groundwater from outfall 001 .

Application is made for the existing discharge which is located in Kane 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	Fox River Carpentersville POTW Effluent Pipe	42° 6' 23" North	38° 16' 56" West	General Use	C

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

The stream segment DT-20 receiving the discharge from outfall 001 is on the 2010 303(d) list of impaired waters and is not a biologically significant stream.

The following parameters have been identified as the pollutants causing impairment:

<u>Potential Cause</u>	<u>Designated Use</u>
Dissolved Oxygen, Other Flow Regime Alterations, Alteration in Stream-Side or Littoral Vegetative Cover, Polychlorinated Biphenyls	Aquatic Life Use, Fish Consumption

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

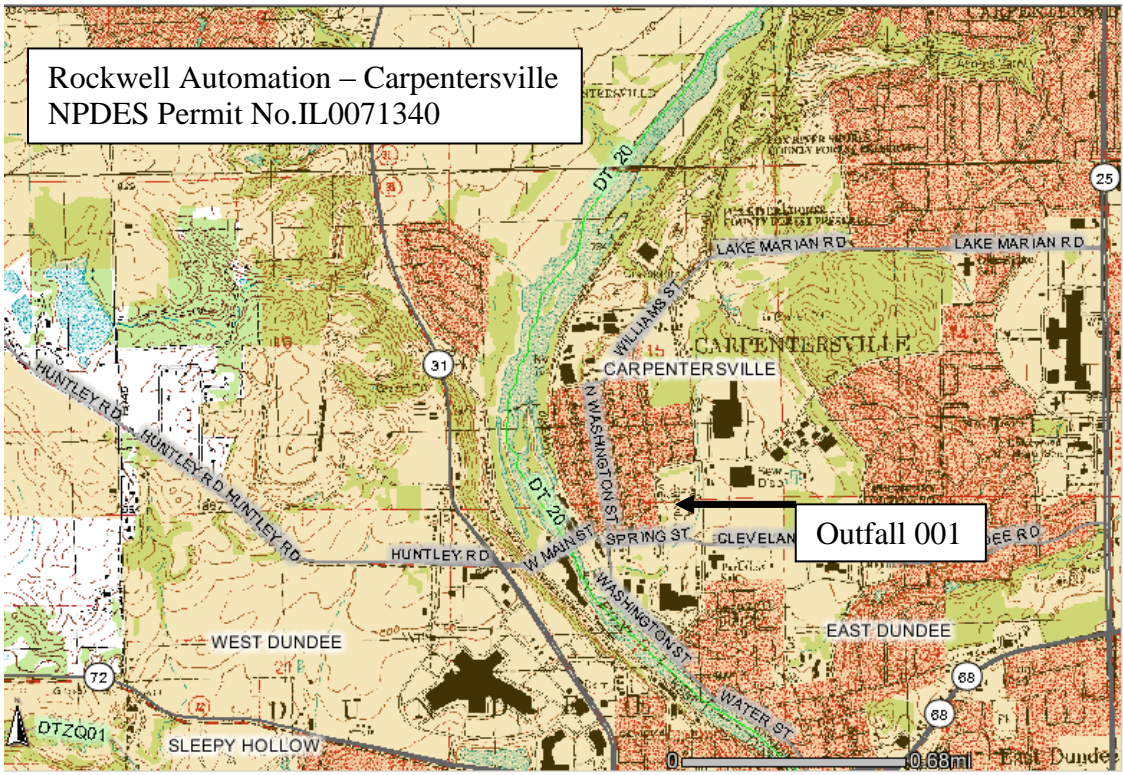
PARAMETER	LOAD LIMITS lbs/day <u>DAF (DMF)</u>		REGULATION	CONCENTRATION <u>LIMITS mg/L</u>		REGULATION
	30 DAY AVERAGE	DAILY MAXIMUM		30 DAY AVERAGE	DAILY MAXIMUM	
<u>Outfall 001:</u>						
Flow (MGD)						
pH				6.0 - 9 s.u		35 IAC 304.125
Trichloroethene	0.025	0.076	40 CFR 122.44L	0.016	0.069	40 CFR 122.44L
Tetrachloroethene	0.05	0.182	40 CFR 122.44L	0.052	0.164	40 CFR 122.44L
Cis-1, 2-Dichloroethene				Monitor Only		

Load Limit Calculations:

- A. Load limit calculations for the following pollutant parameters were based on an design average flow of 0.1152 and a design maximum flow of 0.1328 and using the formula of average or maximum flow (MGD) X concentration limit (mg/l) X 8.34 = the average or maximum load limit (lbs/day): trichlorethene and tetrachloroethene.

The following explain the conditions of the proposed permit:

The Special Conditions clarify flow, pH, monitoring locations, and discharge monitoring report submission.



NPDES Permit No. IL0071340

Illinois Environmental Protection Agency

Division of Water Pollution Control

1021 North Grand Avenue East

Post Office Box 19276

Springfield, Illinois 62794-9276

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

Reissued (NPDES) Permit

Expiration Date:

Issue Date:

Effective Date:

Name and Address of Permittee:

Rockwell Automation  
1201 South 2nd Street  
Mail Stop B5 M28  
Milwaukee, Wisconsin 53204

Facility Name and Address:

Rockwell Automation - Carpentersville  
400 Maple Avenue  
Carpentersville, Illinois 60110  
(Kane County)

Discharge Number and Name:

001 Treated Contaminated Groundwater

Receiving Waters:

Fox River via Carpentersville POTW Effluent Pipe

In compliance with the provisions of the Illinois Environmental Protection Act, Title 35 of Ill. Adm. Code, Subtitle C and/or Subtitle D, Chapter 1, and the Clean Water Act (CWA), the above-named permittee is hereby authorized to discharge at the above location to the above-named receiving stream in accordance with the standard conditions and attachments herein.

Permittee is not authorized to discharge after the above expiration date. In order to receive authorization to discharge beyond the expiration date, the permittee shall submit the proper application as required by the Illinois Environmental Protection Agency (IEPA) not later than 180 days prior to the expiration date.

Alan Keller, P.E.  
Manager, Permit Section  
Division of Water Pollution Control

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Effluent Limitations and Monitoring

1. From the effective date of this permit until the expiration date, the effluent of the following discharge(s) shall be monitored and limited at all times as follows:

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/L		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Outfall 001 - Treated Contaminated Groundwater (DAF = 0.1152 MGD)						
Flow (MGD)	See Special Condition 1.				Measure When Monitoring	
pH	See Special Condition 2.				1/Month	Grab
Trichloroethene	0.025	0.076	0.016	0.069	1/Month	Grab
Tetrachloroethene	0.05	0.182	0.052	0.164	1/Month	Grab
Cis-1, 2-Dichloroethene			Monitor Only		1/Month	Grab

Special Conditions

SPECIAL CONDITION 1. Flow shall be measured in units of Million Gallons per Day (MGD) and reported as a monthly average and a daily maximum on the monthly Discharge Monitoring Report.

SPECIAL CONDITION 2. The pH shall be in the range 6.0 to 9.0. The monthly minimum and monthly maximum values shall be reported on the DMR form.

SPECIAL CONDITION 3. Samples taken in compliance with the effluent monitoring requirements shall be taken at a point representative of the discharge, but prior to entry into the receiving stream.

SPECIAL CONDITION 4. For the purpose of this permit, this discharge is limited to treated contaminated groundwater, free from process and other wastewater discharges.

SPECIAL CONDITION 5. The Permittee shall record monitoring results on Discharge Monitoring Report (DMR) Forms using one such form for each outfall each month.

In the event that an outfall does not discharge during a monthly reporting period, the DMR Form shall be submitted with no discharge indicated.

The Permittee may choose to submit electronic DMRs (eDMRs) instead of mailing paper DMRs to the IEPA. More information, including registration information for the eDMR program, can be obtained on the IEPA website, <http://www.epa.state.il.us/water/edmr/index.html>.

The completed Discharge Monitoring Report forms shall be submitted to IEPA no later than the 15th day of the following month, unless otherwise specified by the permitting authority.

Permittees not using eDMRs shall mail Discharge Monitoring Reports with an original signature to the IEPA at the following address:

Illinois Environmental Protection Agency  
Division of Water Pollution Control  
1021 North Grand Avenue East  
Post Office Box 19276  
Springfield, Illinois 62794-9276

Attention: Compliance Assurance Section, Mail Code # 19

SPECIAL CONDITION 6. If an applicable effluent standard or limitation is promulgated under Sections 301(b)(2)(C) and (D), 304(b)(2), and 307(a)(2) of the Clean Water Act and that effluent standard or limitation is more stringent than any effluent limitation in the permit or controls a pollutant not limited in the NPDES Permit, the Agency shall revise or modify the permit in accordance with the more stringent standard or prohibition and shall so notify the permittee.

SPECIAL CONDITION 7. The use or operation of this facility shall be by or under the supervision of a Certified Class K operator.