

NPDES Permit No. IL0064408
Notice No. SMT:10071501.bah

Public Notice Beginning Date: **August 31, 2012**

Public Notice Ending Date: **October 1, 2012**

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:

Ashland, Inc.
5200 Blazer Parkway
EHS, DS-4
Dublin, Ohio 43017

Name and Address of Facility:

Nexeo Solutions, LLC
8500 South Willow Springs Road
Willow Springs, Illinois 60480
(Cook 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 wholesale trade-non-durable goods (SIC 5169). Waste water is generated by the remediation of contaminated groundwater impacted with volatile organic compounds. Plant operation results in an average discharge of 0.097 MGD of treated groundwater from outfall 002.

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

Outfall	Receiving Stream	Latitude		Longitude		Stream Classification	Biological Stream Characterization
002	Des Plaines	41° 44' 20"	North	87° 52' 30"	West	General Use	C

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

The stream segment G-39 receiving the discharge from outfall 002 is on the draft 2010 Illinois Integrated Water Quality Report and Section 303(d) List. The receiving water has not been listed as biologically significant in the 2008 Illinois Department of Natural Resources publication *Integrating Multiple Taxa in a Biological Stream Rating System*. The impaired designated uses and pollutants causing impairment are tabulated below:

Designated Uses	Pollutants Causing Impairment
Fish Consumption	Mercury and Polychlorinated biphenyls (PCB's)
Primary Contact	Fecal Coliform Bacteria
Aquatic Life	Aldrin, Arsenic ,Chloride, Lindane, Methoxychlor, Other Flow Regime Alterations (Non-Pollutant), pH, and Total Phosphorus

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

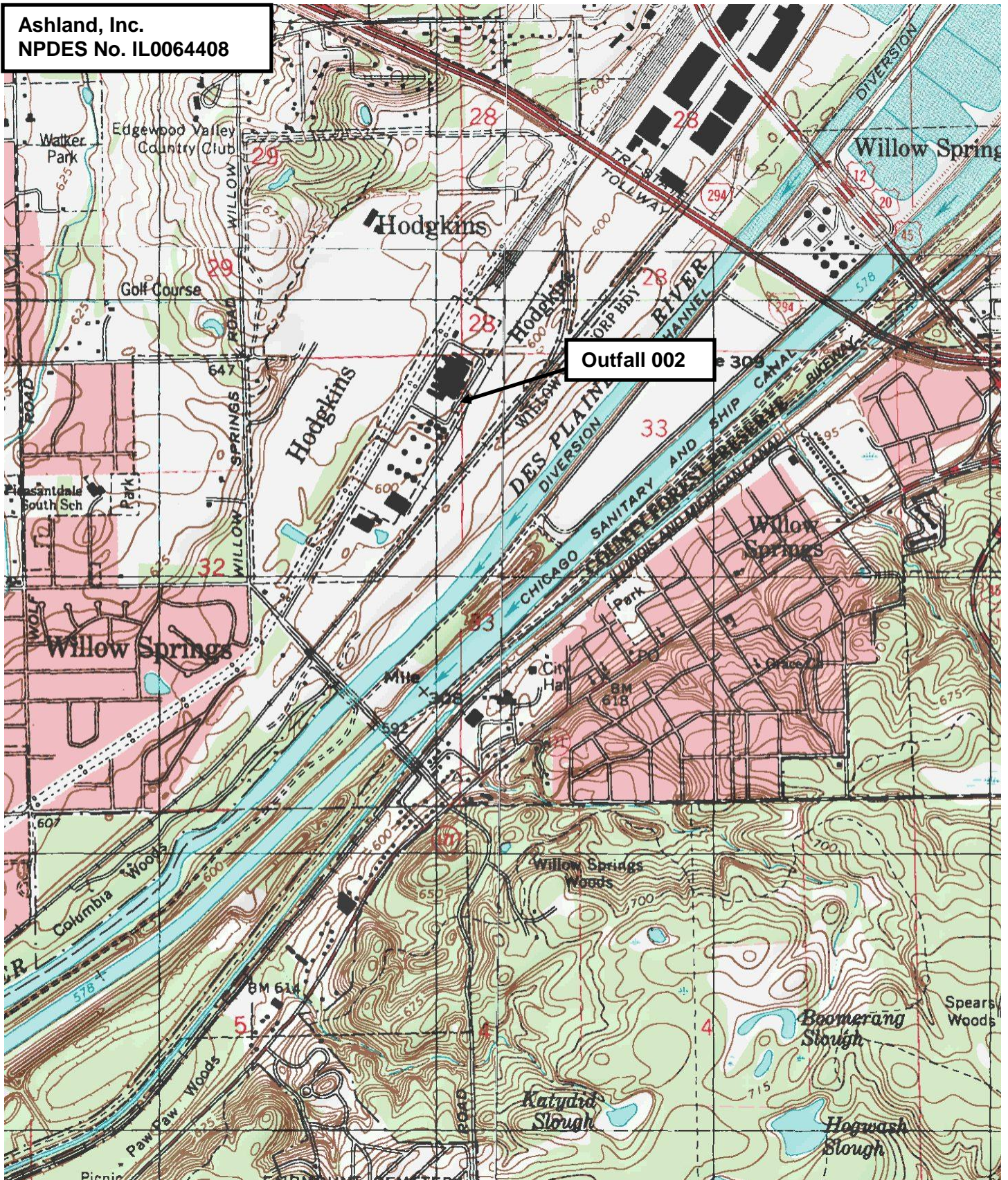
Outfall: 002 Treated Groundwater (DAF = 0.097 MGD)

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						35 IAC 304.125
Total Suspended Solids				15	30	35 IAC 304.124
Zinc				Monitor Only		35 IAC 309.146
Benzene				Monitor Only		35 IAC 309.146
Ethylbenzene				Monitor Only		35 IAC 309.146
Toluene				Monitor Only		35 IAC 309.146
Xylenes				Monitor Only		35 IAC 309.146
1,1-Dichloroethylene				Monitor Only		35 IAC 309.146
Lead				Monitor Only		35 IAC 309.146
Vinyl chloride				Monitor Only		35 IAC 309.146
Bromodichloromethane				Monitor Only		35 IAC 309.146

The following explain the conditions of the proposed permit:

Special Conditions include the descriptions of flow, pH, monitoring location, DMR's, re-opener, operator requirement, offensive conditions, and mixing zone and ZID for zinc.

Ashland, Inc.
NPDES No. IL0064408



NPDES Permit No. IL0064408

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:

Ashland, Inc.
5200 Blazer Parkway
EHS, DS-4
Dublin, Ohio 43017

Facility Name and Address:

Nexeo Solutions, LLC
8500 South Willow Springs Road
Willow Springs, Illinois 60480
(Cook County)

Discharge Number and Name:

002 Treated Groundwater

Receiving Waters:

Des Plaines River

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

SAK:SMT:10071501.bah

NPDES Permit No. IL0064408

Special Conditions

NPDES Permit No. IL0064408

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:

Outfall: 002 Treated Remediaton Groundwater (DAF = 0.097 MGD)

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		
Flow (MGD)	See Special Condition 1				1/Month	
pH	See Special Condition 2				1/Month	Grab
Total Suspended Solids			15	30	1/Month	Grab
Zinc			Monitor Only		2/Year	Grab
Benzene			Monitor Only		2/Year	Grab
Ethylbenzene			Monitor Only		2/Year	Grab
Toluene			Monitor Only		2/Year	Grab
Xylenes			Monitor Only		2/Year	Grab
1,1-Dichloroethylene			Monitor Only		2/Year	Grab
Lead			Monitor Only		2/Year	Grab
Vinyl chloride			Monitor Only		2/Year	Grab
Bromodichloromethane			Monitor Only		2/Year	Grab

Results for the 2/Year monitoring shall be submitted with the June and December DMR's.

Special Conditions

SPECIAL CONDITION 1. Flow shall be reported in million gallons per day as a daily maximum and monthly average on the Discharge Monitoring Report form.

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. 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 5. 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 6. The use or operation of this facility shall be by or under the supervision of a Certified Class K operator.

SPECIAL CONDITION 7. In addition to the other requirements of this permit, no effluent shall contain settleable solids, floating debris, visible oil, grease, scum or sludge solids. Color, odor, and turbidity shall be reduced to below obvious levels.

SPECIAL CONDITION 8. A zone of initial dilution (ZID) is recognized for zinc, with dimensions of 1.0 feet outward across the river from the outfall point and 1.0 feet downstream from this point. Within the ZID 7:1 dilution is afforded. A mixing zone is recognized for zinc with dimensions of 2.4 feet outward across the river from the outfall point and 2.4 feet downstream from this point. Within the mixing zone 36:1 dilution is afforded.