

NPDES Permit No. IL0080085  
Notice No. JAR:15051301

Public Notice Beginning Date: **June 24, 2015**

Public Notice Ending Date: **July 24, 2015**

National Pollutant Discharge Elimination System (NPDES)  
Permit Program

Draft New 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:

Southfield Corporation  
f/k/a Dixon-Marquette Cement Company  
P.O. Box 467  
Dixon, IL 61021

Name and Address of Facility:

Southfield Corporation  
f/k/a Dixon-Marquette Cement Company  
2001 Sink Hollow Road  
Dixon, IL 61021  
(Lee 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 Jaime Rabins at 217/782-0610.

The applicant is engaged in the operation of a closed limestone quarry approximately 400 acres in size that was used to store cement kiln dust (SIC 8999). Waste water is generated from precipitation which comes into contact with the quarry area and cement kiln dust and results in an intermittent discharge of stormwater from outfall 014. No dry weather discharges occur.

This discharge is not new and was formally covered under permit IL0003514 as outfall 014.

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

Outfall	Receiving Stream	Latitude		Longitude		Stream Classification	Integrity Rating
001	Rock River	41° 51' 59"	North	89° 27' 09"	West	General Use	Not Rated

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

The waterbody segment P-21 receiving the discharge from outfall 014 is on the draft 2014 Illinois Integrated Water Quality Report and Section 303(d) List. The receiving water has not been given an integrity rating or 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:

<u>Designated Uses</u>	<u>Pollutants Causing Impairment</u>
Aquatic Life	Ethanol and Fish Kills
Fish Consumption	Mercury and Polychlorinated Biphenyls (PCBs)

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

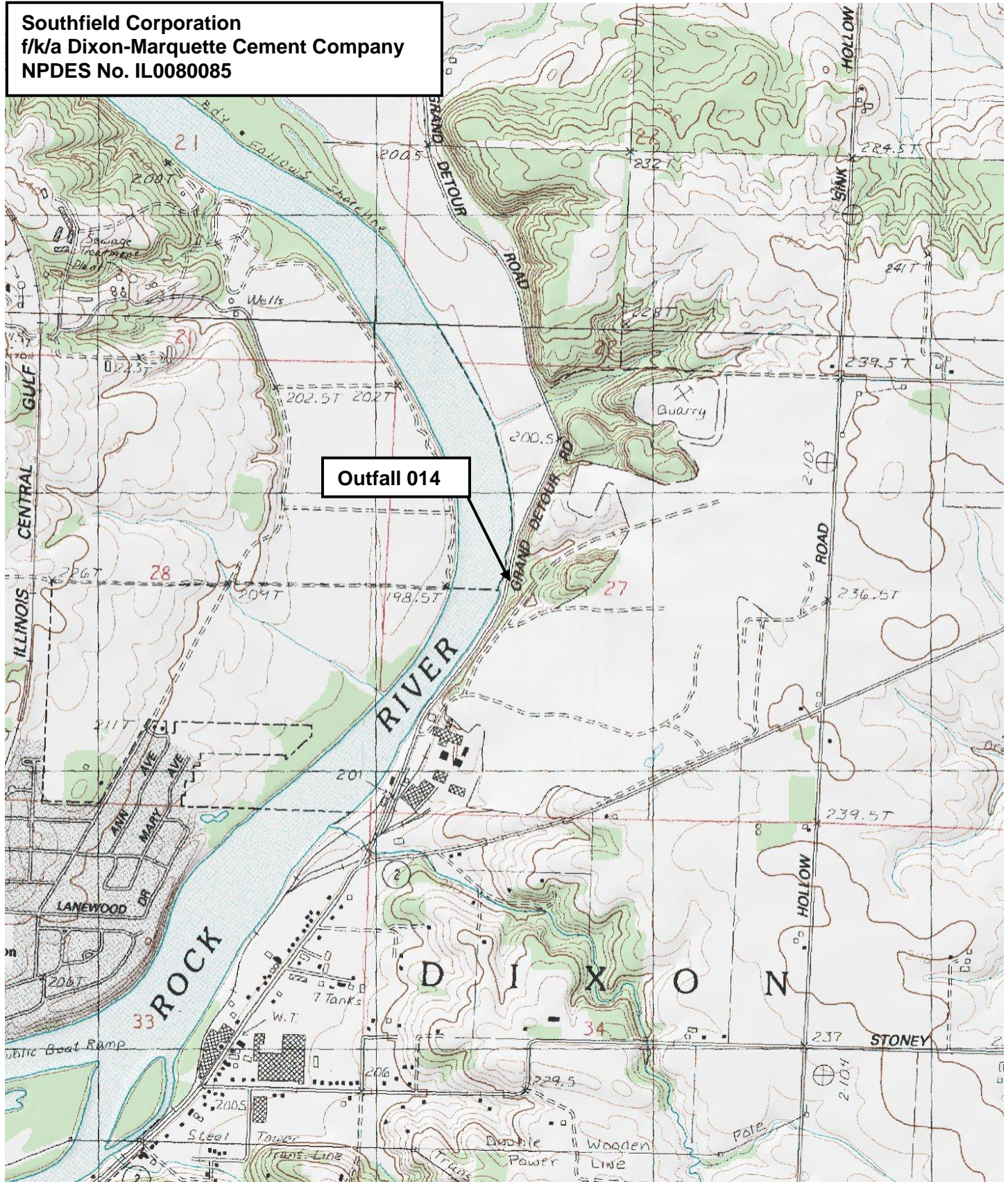
Outfall: 014 Stormwater (Intermittent Discharge)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		REGULATION	CONCENTRATION LIMITS mg/l		REGULATION
	30 DAY AVERAGE	DAILY MAXIMUM		30 DAY AVERAGE	DAILY MAXIMUM	
Flow						
pH						35 IAC 304.125
Total Suspended Solids				15	30	35 IAC 304.124
Boron				Monitor Only		35 IAC 309.146
Iron				Monitor Only		35 IAC 309.146
Nickel				Monitor Only		35 IAC 309.146
Chloride				Monitor Only		35 IAC 309.146
Fluoride				Monitor Only		35 IAC 309.146
Sulfate				Monitor Only		35 IAC 309.146

The following explain the conditions of the proposed permit:

The special conditions clarify the following: flow, pH, monitoring location, DMRs, reopener, abandonment plan, and BAT/BCT for stormwater.

**Southfield Corporation  
f/k/a Dixon-Marquette Cement Company  
NPDES No. IL0080085**



**Outfall 014**



0 ——— 0.5 Mi  
0 ——— 2000 Ft

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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

New (NPDES) Permit

Expiration Date:

Issue Date:

Effective Date:

Name and Address of Permittee:

Southfield Corporation  
f/k/a Dixon-Marquette Cement Company  
P.O. Box 467  
Dixon, IL 61021

Facility Name and Address:

Southfield Corporation  
f/k/a Dixon-Marquette Cement Company  
2001 Sink Hollow Road  
Dixon, IL 61021  
(Lee County)

Discharge Number and Name:

014 Stormwater

Receiving Waters:

Rock 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

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Effluent Limitations and Monitoring

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: 014 Stormwater (Intermittent Discharge)

PARAMETER	LOAD LIMITS lbs/day <u>DAF (DMF)</u>		CONCENTRATION <u>LIMITS mg/l</u>		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Flow					Daily When Discharging	*
pH	See Special Condition 2				1/Month	Grab
Total Suspended Solids			15	30	1/Month	Grab
Boron			Monitor Only		1/Month	Grab
Iron			Monitor Only		1/Month	Grab
Nickel			Monitor Only		1/Month	Grab
Chloride			Monitor Only		1/Month	Grab
Fluoride			Monitor Only		1/Month	Grab
Sulfate			Monitor Only		1/Month	Grab

\*Measure or Empirical Calculation

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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 value 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 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 (NetDMR) instead of mailing paper DMRs to the IEPA. More information, including registration information for the NetDMR program, can be obtained on the IEPA website, <http://www.epa.state.il.us/water/net-dmr/index.html>.

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

Permittees not using NetDMR 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 abandonment plan submitted with the application dated April 21, 2015 shall be executed and completed in accordance with Section 405.109 of Subtitle D: Mine Related Water Pollution.

SPECIAL CONDITION 7. The Agency has determined that the effluent limitations for outfall 014 constitute BAT/BCT for storm water which is treated in the existing treatment facilities for purposes of this permit reissuance, and no pollution prevention plan will be required for such storm water. In addition to the chemical specific monitoring required elsewhere in this permit, the permittee shall conduct an annual inspection of the facility site to identify areas contributing to a storm water discharge associated with industrial activity, and determine whether any facility modifications have occurred which result in previously-treated storm water discharges no longer receiving treatment. If any such discharges are identified the permittee shall request a modification of this permit within 30 days after the inspection. Records of the annual inspection shall be retained by the permittee for the term of this permit and be made available to the Agency on request.