

NPDES Permit No. IL0038296  
Notice No. TJF:13060401.tjf

Public Notice Beginning Date: **July 10, 2013**

Public Notice Ending Date: **August 9, 2013**

National Pollutant Discharge Elimination System (NPDES)  
Permit Program

Draft Reissued/Modified NPDES Permit to Discharge into Waters of the State

Public Notice/Fact Sheet Issued By:

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

Name and Address of Discharger:

Illinois Cement Company  
1601 Rockwell Road  
LaSalle, Illinois 61301

Name and Address of Facility:

LaSalle Plant  
1601 Rockwell Road  
LaSalle, Illinois 61301  
(LaSalle 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 Thaddeus Faught at 217/782-0610.

The applicant is engaged in cement manufacturing (SIC 3241). Plant operation results in an average discharge of 0.02 MGD of stormwater from outfall 006 and 0.02 MGD of stormwater from outfall 007.

The following modification is proposed:

Outfall 009 will be eliminated as there is no longer a discharge from this outfall. Permit effluent limits have been revised to Title 35 of Ill. Adm. Code Subtitle C limits.

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

Outfall	Receiving Stream	Latitude		Longitude		Stream Classification	Integrity Rating
006	Little Vermilion River	41° 19' 45"	North	89° 5' 0"	West	General Use	Not Rated
007	Little Vermilion River	41° 19' 45"	North	89° 5' 0"	West	General Use	Not Rated

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

The stream segment IL\_DR-01 receiving the discharge from outfall(s) 006, 007 is on the 2012 303 (d) list of impaired waters and is not a biologically significant stream on the 2008 Illinois Department of Natural Resources publication *Integrating Multiple Taxa in a Biological Stream Rating System*.

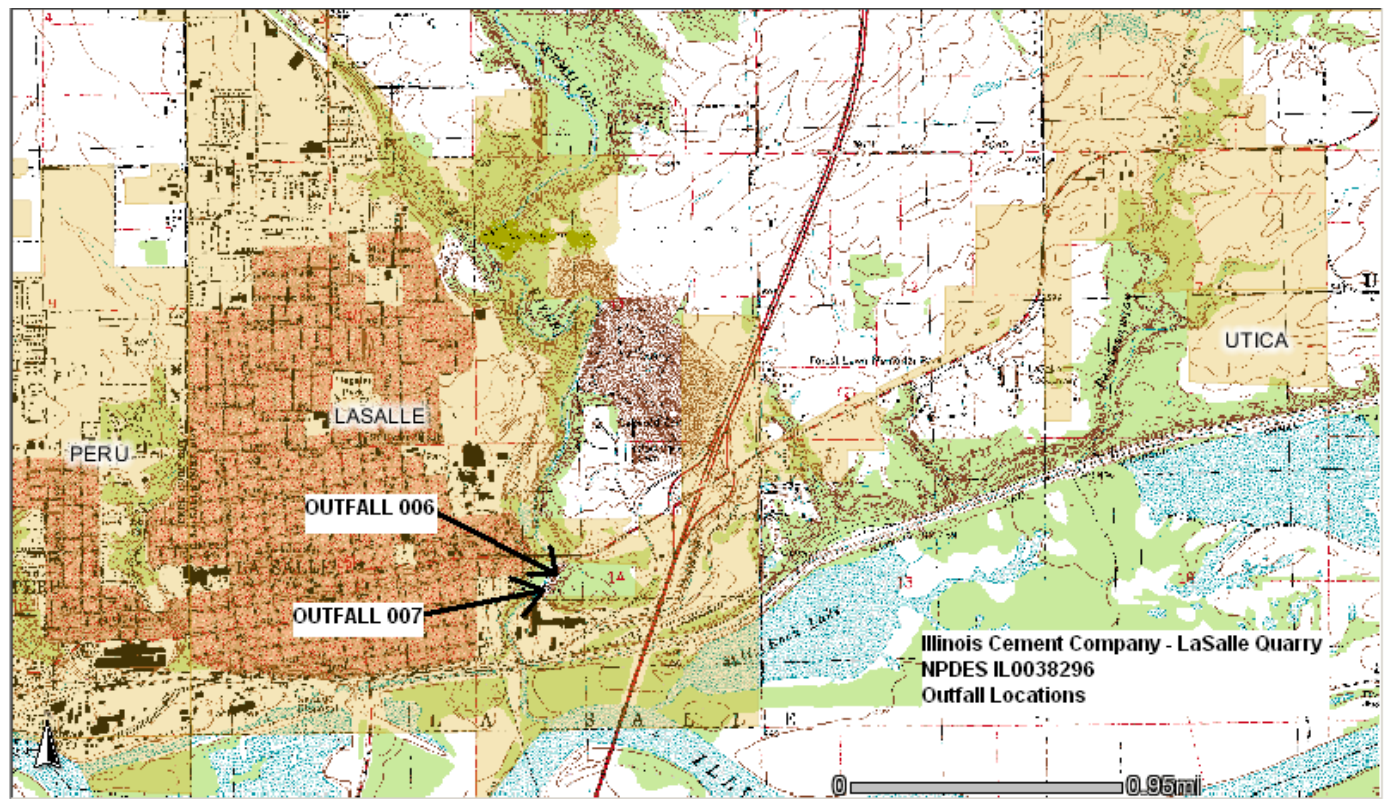
The following parameters have been identified as the pollutants causing impairment:

Designated Use	Potential Cause
Aquatic Life and Primary Contact Recreation	chloride, pH, phosphorus (total), total suspended solids, zinc, and fecal coliform

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

Outfall: 006, 007

	LOAD LIMITS lbs/day DAF (DMF)			CONCENTRATION LIMITS mg/l		
PARAMETER	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION
pH	Shall be in the range of 6 to 9 standard units					304.125
Total Suspended Solids				15	30	304.124
Iron				2.0	4.0	304.124
Manganese				1.0	2.0	304.124
Chromium (total)				1.0	2.0	304.124
Offensive Conditions	No effluent shall contain settleable solids, floating debris, visible oil, grease, scum or sludge solids. Color, odor and turbidity must be reduced to below obvious levels.					304.106



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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

Reissued/Modified (NPDES) Permit

Expiration Date:

Issue Date:

Effective Date:

Name and Address of Permittee:

Facility Name and Address:

Illinois Cement Company  
1601 Rockwell Road  
LaSalle, Illinois 61301

LaSalle Mine  
1601 Rockwell Road  
LaSalle, Illinois 61301  
(LaSalle County)

Discharge Number and Name:

Receiving Waters:

006 Stormwater  
007 Stormwater

Little Vermilion River  
Little Vermilion 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

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(s): 006, 007 - Stormwater

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)					**	
pH	Shall be in the range of 6-9 standard units				1 per Month	Grab
Total Suspended Solids			15	30	***	****
Iron			2.0	4.0	***	****
Manganese			1.0	2.0	***	****
Chromium (total)			1.0	2.0	***	****
Offensive Conditions	No effluent shall contain settleable solids, floating debris, visible oil, grease, scum or sludge solids. Color, odor and turbidity must be reduced to below obvious levels.				Once per Month	Visual Inspection

\*\*Effluent sampling for flow shall be continuous if hardware allows otherwise it shall be a single reading when monitoring each parameter.

Flows shall be reported as a monthly average on the Discharge Monitoring Reports (DMR). pH shall be reported as a minimum and a maximum.

\*\*\*Samples shall be taken three times a month as separate grab samples or one time a month as a composite sample.

\*\*\*\*Composite samples shall consist of at least 3 sample aliquots of approximately equal volume of at least 100 milliliters each, collected at periodic intervals within a 24-hour period. If the permittee elects to take and analyze grab samples, in lieu of a composite sample then: 1) if the discharge is expected to occur on only a single day, three grab samples may be taken within a single 24-hour period or, 2) if the discharge is expected to occur on more than one day three separate grab samples shall be taken over more than one day to represent the monthly discharge. The one composite sample or three grab samples shall be representative of the discharge over the calendar month. The analysis results of each composite and grab sample shall be reported on the Discharge Monitoring Reports. The monthly average shall be reported on the Discharge Monitoring Reports.

Discharge sampling and monitoring must be representative of the discharges from the facility considering factors such as frequency, duration and intensity of precipitation runoff and operational practices that effect discharge quality.

Special Conditions

SPECIAL CONDITION 1. 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 2. For the purpose of this permit, the discharges are limited to those discharges identified on page one of the permit, free from other process and wastewater discharges.

SPECIAL CONDITION 3. 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 4. The permittee shall maintain an adequate buffer zone between the facility and the Little Vermilion River to prevent runoff or bank erosion.

SPECIAL CONDITION 5. The Agency has determined that the effluent limitations in this permit constitute BAT/BCT for storm water which is treated in the existing treatment facilities for purposes of this permit issuance, 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 mining 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 upon request.

SPECIAL CONDITION 6: Oil and Hazardous Substance Liability: Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under section 311 of the CWA.

SPECIAL CONDITION 7: Prohibited Storm Water Discharges: This permit is not applicable to storm water discharges from the following facilities:

- a. Hazardous waste treatment, storage or disposal facilities.
- b. Storm water discharges that the Agency determines are not appropriately covered by this permit.

SPECIAL CONDITION 8: Oil and Hazardous Substance Discharge Prohibition: This permit does not authorize the discharge of hazardous substances or oil resulting from an on-site spill, and does not supersede any reporting requirements for spills or releases of hazardous substances or oil.

Special Conditions

SPECIAL CONDITION 9: Bulk Storage and Hazardous Waste Containment Area: Provisions for handling storm water from bulk storage and hazardous waste containment areas.

- a. This permit does not authorize the discharge of storm water collected in containment areas at bulk storage and hazardous waste facilities where the storm water becomes contaminated by direct contact with a spill or release of stored materials into the containment area. Such storm water should be handled properly by on-site treatment or hauling off-site for treatment and disposal.
- b. Where a spill or release to a dry containment area occurs, the permittee shall institute procedures to clean up the spill in order to prevent contamination of any storm water, which subsequently collects in the containment area. Where these procedures are followed, collected storm water may be discharged; following visual inspection to assure that the storm water contains no unnatural turbidity, color, oil films, foams, settleable solids, or deposits.
- c. Storage piles of salt used for deicing or other commercial or industrial purposes must be enclosed or covered to prevent exposure to precipitation (except for exposure resulting from adding or removing materials from the pile). Piles do not need to be enclosed or covered where storm water from the pile is not discharged to waters of the state or the discharges from the piles are authorized under another permit.