

NPDES Permit No. IL0059145
Notice No. MEL:13040401.bah

Public Notice Beginning Date: **July 3, 2013**

Public Notice Ending Date: **August 5, 2013**

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 Permittee:

Spring Grove Holdings, LLC
8001 Winn Road, Box 8
Spring Grove, Illinois 60081

Name and Address of Facility:

Spring Grove Holdings, LLC
7777 Winn Road
Spring Grove, Illinois 60081
(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 Permittee. 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 Mark E. Liska at 217/782-0610.

The applicant is engaged in the operation of an office warehouse (SIC 9111). Plant operation results in an average discharge of 0.0076 MGD of treated sanitary wastewater and associated groundwater seepage from outfall 001.

The following modification is proposed:

All industrial discharges, including non-contact cooling water and treated phosphate wastewater, have been removed. Only sanitary wastewater and associated groundwater seepage discharge remain. These discharges, formerly part of outfall B01, are now listed as outfall 001.

Application is made for the existing discharge(s) 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	Nippersink Creek	42° 26' 29" North	88° 15' 9" West	General Use	C

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

The stream segment DTK-04 receiving the discharge from outfall(s) 001 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:

<u>Potential Cause</u>	<u>Designated Use</u>
Mercury, PCBs	Fish Consumption
Fecal Coliform	Primary Contact

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

Outfall: 001

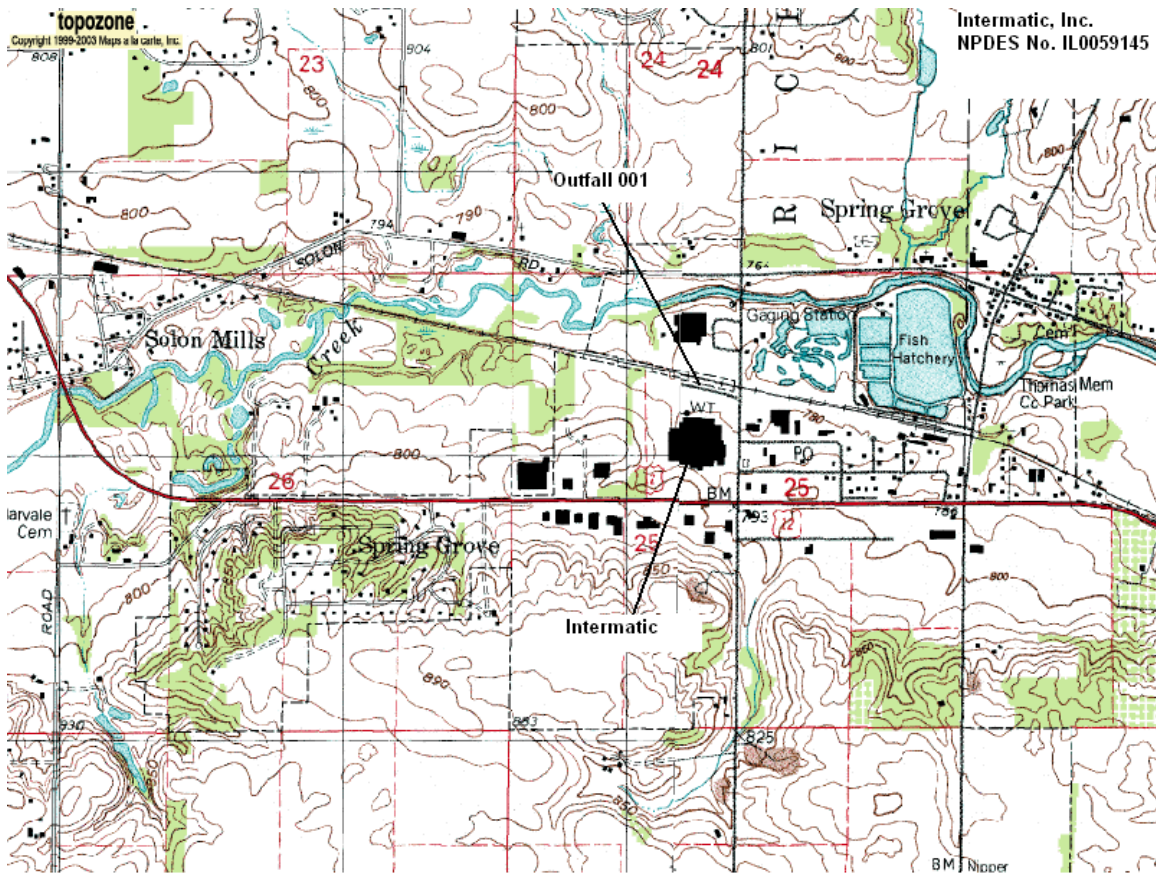
PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		REGULATION	30 DAY AVERAGE	CONCENTRATION LIMITS mg/L		REGULATION
	30 DAY AVERAGE	DAILY MAXIMUM			WEEKLY AVERAGE	DAILY MAXIMUM	
Flow							35 IAC 309.146
pH							35 IAC 304.125
BOD ₅	16	3.2	35 IAC 304.120(a)	25		50	35 IAC 304.120(a)
Total Susp. Solids	1.9	3.7	35 IAC 304.120(a)	30		60	35 IAC 304.120(a)
Fecal Coliform						400/100 mL	35 IAC 304.121 35 IAC 302.209

The following sample calculation shows the methodology utilized to determine production based load limitations:

For BOD₅:
 $0.0076 \text{ MGD} \times 8.34 \times 25 \text{ mg/L} = 1.6 \text{ lb/day}$ as a monthly average

The following explain the conditions of the proposed permit:

Special Conditions will require monthly monitoring will require a class K Operator License, and explain fecal coliform limits.



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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 (NPDES) Permit

Expiration Date:

Issue Date:

Effective Date:

Name and Address of Permittee:

Spring Grove Holdings, LLC
8001 Winn Road, Box 8
Spring Grove, Illinois 60081

Facility Name and Address:

Spring Grove Holdings, LLC
7777 Winn Road
Spring Grove, Illinois 60081
(McHenry County)

Discharge Number and Name:

001 – Treated Sanitary Wastewater and Associated Groundwater
Seepage

Receiving Waters:

Nippersink Creek

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	WEEKLY AVERAGE	DAILY MAXIMUM		
Outfall(s): Treated Sanitary Wastewater and Associated Groundwater Seepage (DAF = 0.0076 MGD)							
Flow (MGD)	See Special Condition 1					Measure When Monitoring	
pH	See Special Condition 2					1/Month	Grab
BOD ₅	1.6	3.2	25		50	1/Month	Composite
Total Susp. Solids	1.9	3.7	30		60	1/Month	Grab
Fecal Coliform	See Special Condition 7					5/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. 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. During the months of May through October based on a minimum of five samples taken over not more than a 30 day period, fecal coliform shall not exceed a geometric mean of 200 per 100 mL, no sample may exceed 400 per 100 mL. During the months of November through April the daily maximum fecal coliform count shall not exceed 400 per 100 mL.

SPECIAL CONDITION 8. A zone of initial dilution is recognized for ammonia with dimensions of 1.0 feet across the width of Nippersink Creek from the end-of-pipe and 1.0 feet downstream from this point. Within the ZID, 13:1 dilution is offered. A mixing zone is recognized for ammonia with dimensions extending 2.0 feet across the width of Nippersink Creek and 2.0 feet downstream. Within the mixing zone 28:1 dilution is afforded.