

**NPDES Permit No. ILG64**

Notice No. LRL:ILG64.docx

Public Notice Beginning Date: **March 30, 2017**

Public Notice Ending Date: **May 1, 2017**

National Pollutant Discharge Elimination System (NPDES)  
Permit Program

Draft General NPDES Permit to Discharge into Waters of the State

Public Notice/Fact Sheet Issued By:

Illinois Environmental Protection Agency  
Division of Water Pollution Control  
Bureau of Water  
1021 North Grand Avenue East  
P.O. Box 19276  
Springfield, Illinois 62794-9276  
217/782-0610

Discharges Authorized by this General Permit: In compliance with the provisions of the Illinois Environmental Protection Act, the Illinois Pollution Control Board (35 Ill. Adm. Code, Subtitle C, Chapter 1), and the Clean Water Act the following discharges may be authorized by this permit , in accordance with the conditions and attachments herein.

Discharges from existing Public Water Supply (PWS) facilities generated by the following processes:

1. Clarifier sludge blowdown, particulate filter backwash, and / or lime softener wastewater
2. Iron filter backwash wastewater
3. Zeolite softener wastewater

Coverage under this permit: Discharge may be authorized to all waters of the State or to stormwater conveyances tributary to such surface waters, except the South Fork of the South Branch of the Chicago River (Bubbly Creek) and Lake Michigan. This permit does not authorize discharge to any waters of the state which are designated as biologically significant streams by the Agency in accordance with 35 Ill. Adm. Code. 302.105.

The Illinois Environmental Protection Agency (IEPA) has made a tentative determination to issue the NPDES general permit to discharge into waters of the state and has prepared a draft permit for the above named discharges.

Interested persons are invited to submit written comments on the draft permit to the IEPA at the above address. The NPDES permit and notice number(s) must appear on each comment page. Any interested person may submit a written request for a public hearing on the draft permit, stating his or her name and address, the nature of the issues proposed to be raised and the evidence proposed to be presented with regards to those issues.

The Public Notice/Fact Sheet, draft permit, comments received, and other documents are available for inspection and may be copied to the IEPA between 9:30 a.m. and 3:30 p.m. Monday through Friday when scheduled by the interested person. All comments on the draft permit and requests for hearing must be received by the IEPA not later than 30 days from the date of this publication. 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 final action is taken. For further information, please call Leslie Lowry at 217/782-0610.

Effluent limitations are based on Best Available Technology as defined by 35 Ill. Adm. Code 304 and 40 CFR 125, or on water quality standards contained in 35 Ill. Adm. Code 302, whichever is more restrictive. The specific parameters included in the draft permit and the basis for the limits are as follows:

PARAMETER	CONCENTRATION LIMITS (mg/l)		REGULATION
	30 DAY AVERAGE	DAILY MAXIMUM	
Flow (MGD)	Report Only		35 Ill. Adm. Code 305.102
pH	6.0 – 9.0 s.u.		Technology-based limit from 35 Ill. Adm. Code 304.125
Total Suspended Solids	15	30	Technology-based limit from 35 Ill. Adm. Code 304.124
Iron (Total) (General Use Waters Only)	2	4	Technology-based limit from 35 Ill. Adm. Code 304.124
Chloride		500	Water quality standard from 35 Ill. Adm. Code 302.208
Total Residual Chlorine		0.05	Water quality standard from 35 Ill. Adm. Code 302.208, 302.407 and technology-based limit developed under 40 CFR 125.3

The Iron (Total) (Secondary Contact Waters Only) limit of 2 mg/l daily maximum was removed from the permit. The permit does not allow for discharges to Secondary Contact Waters or Lake Michigan.

Monitoring frequencies and reporting requirements were established by using the authority set forth in IPCB, Subtitle C: Water Pollution and/or using the authority provided in Section 402(a)(1) of the Clean Water Act.

The following explains the conditions of the proposed permit.

The General Permit is applicable to both new and existing discharges from existing PWS treatment plants previously covered by an individual NPDES permit. New facilities not previously covered by an individual permit may not receive authorization for coverage under this General Permit. To receive authorization to discharge under this General Permit, applicants must complete and submit Application Forms 1 and 2C for all existing discharges and a Form 2D for any new discharges. Authorization to discharge or continue to discharge, if granted, will be by letter and include a copy of the permit. After December 21, 2020, permittees shall submit a Notice of Intent (NOI) electronically for permit coverage, unless a waiver has been submitted to the Agency.

Any discharge covered by this permit must not alone or in combination with other sources, cause a violation of any applicable water quality standard, or contain any settleable solids, floating debris, visible oil, grease, scum, or sludge solids. Color, odor, and turbidity shall be reduced below obvious levels. In addition, if a Total Maximum Daily Load (TMDL), or alternate water quality study is performed for any waterbody which is impaired by any parameter applicable to a discharge, the permittee shall comply with any schedule provided in an approved TMDL, or alternate water quality study.

Authorization from IEPA must be obtained to be covered under a general permit. Permittees possessing current individual NPDES permits need not apply for this permit unless they wish to be covered. Individual NPDES permits must be revoked by IEPA.

A general permit is a single permit issued to cover discharges from a number of facilities in a specified geographic area which involve the same or substantially similar types of operations. The facilities must discharge the “same type of wastes” which has been interpreted to mean the waste streams need not be identical but must be sufficiently similar that the same permit conditions are appropriate. A determination by the IEPA must be made that the discharges are more appropriately covered under a general permit than under individual permits.

A general permit is the equivalent of an individual permit in terms of effluent limitations, water quality standards, monitoring and reporting requirements, and enforceability. The effluent limits would be based on the more stringent of either technology-based or water quality based requirements. Since the permit would be applicable to discharges into any received stream, no dilution or mixing will be allowed to meet water quality standards.

This permit will not cover facilities whose discharge contains naturally occurring arsenic or radium if a reasonable potential analysis indicates a need for water quality based limits.

The general permit does not name any permittees, nor does it authorize any person to discharge. The authorization to discharge under a general permit will be by a separate letter, issued to a specific applicant, with authorization letters issued at any time while the permit is in effect. This issuance procedure does not require the revocation of a large number of individual permits at the time of general permit issuance. Rather, individual discharges are placed under the general permit as their existing permits come up for reissuance. If the permittee requested revocation of their permit, they could be included at that time.

Any owner or operator of these discharges may request to be excluded from the coverage of the general permit by submitting an application for individual permit with reasons supporting the request. IEPA will review the application and make a determination as to whether or not the general permit is appropriate to regulate the discharge. If the conclusion is that it would, the discharger will be notified of our decision to include them under the general permit. IEPA's decision is appealable to the Illinois Pollution Control Board. This permit is applicable to discharge from existing facilities previously covered by an individual NPDES permit. New discharges and increases in the design average flow of existing facilities previously covered by an individual NPDES permit. The permittee may not begin a new discharge or increase the design average flow rate of an existing discharge without written approval from the Agency following public notice and opportunity for comment.

Upon issuance of this renewal, the Agency is proposing to cover the following facilities currently covered under this permit (ILG64), which have submitted a renewal application, under the reissued permit.

<u>NPDES Permit NO.</u>	<u>PERMITTEE</u>
ILG640254	Aqua Illinois, Inc. - Kankakee PWS
ILG640225	Bds Properties Inc. - Country Tyme Estates PWS
ILG640264	Village of Beaverville PWS
ILG640072	Calhoun County Rural Water District PWS
ILG640142	Caterpillar Trail Water District PWS
ILG640201	City of Aledo PWS
ILG640048	City of Altamont PWS
ILG640234	City of Athens PWS
ILG640278	City of Bloomington PWS
ILG640257	City of Breese PWS
ILG640037	City of Canton PWS
ILG640065	City of Carlinville PWS
ILG640213	City of Carrollton PWS
ILG640213	City of Carrollton PWS
ILG640247	City of Centralia PWS
ILG640232	City of Eureka PWS
ILG640273	City of Galesburg PWS
ILG640099	City of Gillespie PWS
ILG640030	City of Greenville PWS
ILG640123	City of Hamilton PWS
ILG640044	City of Highland PWS
ILG640239	City of Highwood PWS
ILG640068	City of Litchfield PWS
ILG640189	City of Macomb PWS
ILG640158	City of Marion PWS
ILG640205	City of Mattoon PWS
ILG640240	City of Metropolis PWS
ILG640277	City of Mount Carmel PWS
ILG640019	City of Mount Olive PWS
ILG640071	City of Nashville PWS
ILG640223	City of Newman PWS
ILG640133	City of Pana - Lakeside PWS
ILG640237	City of Rushville PWS

ILG640059	City of Sparta PWS
ILG640124	City of Staunton PWS
ILG640177	City of Sullivan PWS
ILG640178	City of Sullivan PWS East
ILG640033	City of Troy PWS
ILG640109	City of Vienna PWS
ILG640260	City of Waverly PWS
ILG640281	Clark Edgar Rural Water District
ILG640235	Clayton Camp Point Water Commission PWS
ILG640198	Clear Water Service Corp PWS
ILG640105	Cooks Mill Water Association PWS
ILG640241	Curran Gardner Township PWS
ILG640197	EJ Water Corporation PWS
ILG640249	Gateway Regional Water Company
ILG640053	Illinois American Water Company - Peoria San PWS
ILG640077	Kaskaskia Water District PWS
ILG640136	Kinkaid Reeds Creek Conservancy PWS
ILG640090	Lake Holiday Utilities Corp PWS
ILG640036	Lake of Egypt Water District PWS
ILG640063	Millstone Water District PWS
ILG640095	Otter Lake Water Commission
ILG640179	Penfield Water District PWS
ILG640110	Rend Lake Conservancy District PWS
ILG640115	Saline Valley Conservancy District PWS
ILG640007	Stelle Community Association PWS
ILG640032	SLM Water Commission PWS
ILG640010	Union York Water District PWS
ILG640028	U.S. Federal Penitentiary PWS - Marion
ILG640111	Vienna Correctional Center PWS
ILG640215	Village of South Jacksonville PWS
ILG640029	Village of Alhambra PWS
ILG640167	Village of Anchor PWS
ILG640034	Village of Arlington PWS
ILG640061	Village of Armington PWS
ILG640117	Village of Ashkum PWS
ILG640207	Village of Ashmore PWS
ILG640145	Village of Avon PWS New
ILG640132	Village of Belknap PWS
ILG640086	Village of Blandinsville PWS
ILG640093	Village of Burlington PWS
ILG640192	Village of Carlock PWS
ILG640080	Village of Cherry PWS
ILG640056	Village of Coulterville PWS
ILG640003	Village of Cullom PWS

ILG640252	Village of Deland PWS
ILG640200	Village of Downs PWS
ILG640228	Village of Ellsworth PWS
ILG640180	Village of Emden PWS
ILG640258	Village of Emington PWS
ILG640203	Village of Fairmount PWS
ILG640067	Village of Greenview PWS
ILG640016	Village of Harvel PWS
ILG640209	Village of Ivesdale PWS
ILG640275	Village of Kempton PWS
ILG640279	Village of Little York PWS
ILG640006	Village of Longview PWS
ILG640187	Village of Magnolia PWS
ILG640091	Village of Manlius PWS
ILG640256	Village of Mark PWS
ILG640094	Village of Montgomery PWS
ILG640055	Village of Mount Auburn PWS
ILG640250	Village of Moweaqua PWS
ILG640156	Village of Norris City PWS
ILG640116	Village of Old Shawneetown PWS
ILG640194	Village of Park Forest PWS
ILG640070	Village of Pleasant Plains PWS
ILG640141	Village of Ramsey PWS
ILG640162	Village of Saint Libory PWS
ILG640035	Village of San Jose PWS
ILG640144	Village of Seatonville PWS
ILG640210	Village of Stanford PWS
ILG640041	Village of Stronghurst PWS
ILG640157	Village of Sublette PWS
ILG640188	Village of Vermont PWS
ILG640108	Village of Wapella PWS
ILG640012	White Heath Water Works PWS

## Public Notice of Draft General NPDES Permit

Public Notice Number LRL:ILG64.docx is hereby given by Illinois EPA, Division of Water Pollution Control, Permit Section, 1021 North Grand Avenue East, P.O. Box 19276, Springfield, IL 62794-9276 (herein Agency) that a draft National Pollution Discharge Elimination System (NPDES) General Permit ILG64 has been prepared under 40 CFR 124.6(d) for wastewater discharges from existing Public Water Supply (PWS) facilities.

Upon issuance of this renewal, the Agency is proposing to cover facilities currently covered under this permit (ILG64), which have submitted a renewal application, under the reissued permit. Please refer to the IEPA website for previously submitted information on these facilities.

A general permit is a single permit issued to cover discharges from a number of facilities in a specified geographic area which involve the same substantially similar types of operations. The facilities must discharge the "same type of waste" which has been interpreted to mean the waste streams need not be identical but must be sufficiently similar that the same permit conditions are appropriate.

A general permit is the equivalent of an individual permit in terms of effluent limitations, water quality standards, monitoring and reporting requirement, and enforceability. The effluent limits would be based on the more stringent of either technology-based or water quality based requirements. Since the permit would be applicable to discharges into any receiving stream, no dilution or mixing will be allowed to meet water quality standards.

The draft permit and other documents are available for inspection and may be copied at the Agency between 9:30 a.m. and 3:30 p.m. Monday through Friday. A Fact Sheet containing more detailed information is available at no charge. For further information call the Public Notice Clerk at 217/782-0610.

Interested persons are invited to submit written comments on the draft permit to the Agency at the above address. The NPDES and Public Notice numbers must appear on each comment page. All comments received by the Agency not later than 30 days from the date of this publication shall be considered in making the final decision regarding permit issuance.

Any interested person may submit written request for a public hearing on the draft permit, stating their name and address, the nature of the issues proposed to be raised and the evidence proposed to be presented with regard to these issues in the hearing. Such request must be received by the Agency not later than 30 days from the date of this publication.

If written comments and/or requests indicated a significant degree of interest in the draft general permit, the permitting authority may, at it's discretion, hold a public hearing. Public Notice will be given 45 days before any public hearing.

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**NPDES Permit No. ILG64**

Illinois Environmental Protection Agency  
Division of Water Pollution Control  
1021 North Grand Avenue East  
P.O. Box 19276  
Springfield, Illinois 62794-9276  
[www.epa.state.il.us](http://www.epa.state.il.us)

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM**

**General NPDES Permit  
For  
Discharges from Public Water Supply Facilities**

**Expiration Date:**

**Issue Date:**

**Effective Date:**

In compliance with the provisions of the Illinois Environmental Protection Act, the Illinois Pollution Control Board and Rule and Regulations (35 Ill. Adm. Code, Subtitle C, Chapter 1), and the Clean Water Act, and the regulations thereunder, the following discharges are authorized by this permit in accordance with the conditions and attachments herein.

This permit is available for discharges from existing Public Water Supply (PWS) facilities generated by the following processes.

1. Clarifier sludge blowdown, particulate filter backwash, and / or lime softener wastewater
2. Iron filter backwash wastewater
3. Zeolite softener wastewater

Discharges may be authorized to all waters of the State or to stormwater conveyances tributary to such surface waters, except the South Fork of the South Branch of the Chicago River (Bubbly Creek) and Lake Michigan. This permit does not authorize discharges, to any waters of the State which are designated as biologically significant streams by the Agency in accordance with 35 Ill. Adm. Code 302.105.

To receive authorization to discharge under this general permit, a facility operator must submit the proper application form to the Illinois Environmental Protection Agency. Authorization, if granted, will be by letter and include a copy of this permit.

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

## NPDES Permit No. ILG64

Effluent Limitations and Monitoring

From the effective date of coverage under this general permit until the expiration date, the discharge(s) shall be monitored and limited as shown below. The specific part(s), as described below, which apply to a specific discharge, will be identified in the letter authorizing coverage under this general permit.

**Part A.** The following effluent limitations and monitoring requirements shall apply to all discharges.

PARAMETER	CONCENTRATION LIMITS (mg/l)			SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM			
Flow (MGD)	See Special Condition 1.			1/Month	Measure
pH	See Special Condition 2.			1/Month	Grab
Total Suspended Solids		15	30	1/Month	Grab

In addition to limitations and monitoring requirements above, the following apply to the discharge of the wastestreams indicated in the coverage letter for any discharge.

**Part B.** Iron Filer Backwash

PARAMETER	CONCENTRATION LIMITS (mg/l)			SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM			
Iron (Total) (General Use Waters)		2	4	1/Month	Grab

**Part C.** Zeolite Softener Backwash

PARAMETER	CONCENTRATION LIMITS (mg/l)			SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM			
Chloride			500	1/Month	Grab

**Part D.** Discharges which contain or may contain chlorine.

PARAMETER	CONCENTRATION LIMITS (mg/l)			SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM			
Total Residual Chlorine	See Special Condition 6.			1/Month	Grab



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Special Conditions

SPECIAL CONDITION 1. Flow shall be measured in units of Million Gallons per Day and reported as a monthly average and a daily maximum on the 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. Grab samples for Parameters other than pH and total residual chlorine shall be representative of the entire discharge and may be a composite of two (2) or more grab samples.

SPECIAL CONDITION 4. The effluent, alone or in combination with other sources, shall not cause a violation of any applicable water quality standard outlined in 35 Ill. Adm. Code 302.

SPECIAL CONDITION 5. The Permittee shall record monitoring results on Discharge Monitoring Report (DMR) electronic 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 is required to submit electronic DMRs (NetDMRs) instead of mailing paper DMRs to the IEPA beginning December 21, 2016 unless a waiver has been granted by the Agency. 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 25th day of the following month, unless otherwise specified by the permitting authority.

Permittees that have been granted a waiver 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  
Attention: Compliance Assurance Section, Mail Code # 19  
1021 North Grand Avenue East  
Post Office Box 19276  
Springfield, Illinois 62794-9276

SPECIAL CONDITION 6. When the wastewater contains or could contain total residual chlorine (TRC), the permittee will be required to monitor for TRC as described on page 2 of this permit.

All samples for total residual chlorine (TRC) shall be analyzed by an applicable method contained in 40 CFR 136, equivalent in accuracy to low-level amperometric titration. Any analytical variability of the method used shall be considered when determining the accuracy and precision of the results obtained.

The water quality standards for TRC (0.011 mg/L ave. and 0.019 mg/L max.) are below the method detection level (0.05 mg/L) as described in 40 CFR 136. Therefore, for the purpose of this permit, the method detection level will be utilized to determine compliance with the permit limit for TRC. A measurement of < 0.05 mg/L reported on the DMR shall not be considered a violation of the water quality based effluent limit. This reporting threshold is being established to determine compliance and does not authorize the discharge of TRC in excess of the water quality based effluent limit.

SPECIAL CONDITION 7. Construction of treatment facilities which may be necessary to meet the requirements of this permit may not be started until a construction permit has been issued by this Agency.

SPECIAL CONDITION 8. 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 9. If a Total Maximum Daily Load (TMDL) or alternate water quality study is performed for any waterbody which is impaired by any parameter applicable to a discharge, the permittee shall comply with any schedule provided in an approved TMDL, or any alternate water quality study.

SPECIAL CONDITION 10. 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.

NPDES Permit No. ILG64

Special Conditions

SPECIAL CONDITION 11. The General Permit is applicable to both new and existing discharges from existing PWS treatment plants previously covered by an individual NPDES permit. New facilities not previously covered by an Individual Permit may not receive authorization for coverage under this General Permit.

To receive authorization to discharge under this General Permit, applicants must complete and submit Application Forms 1 and 2C for all existing discharges and a Form 2D for any new discharges. Authorization to discharge or continue to discharge, if granted, will be by letter and include a copy of the permit. After December 21, 2020, permittees shall submit a Notice of Intent (NOI) electronically for permit coverage, unless a waiver has been submitted to the Agency.

New discharges and increases in the design average flow rate of existing discharges are subject to an antidegradation review. The permittee may not begin a new discharge or increase the design average flow rate of an existing discharge without written approval from the Agency following public notice and opportunity for comment.

SPECIAL CONDITION 12. Requiring an individual permit or coverage under a different general permit.

- a. The Agency may require any person authorized by this permit to apply for and obtain either an individual NPDES permit or an alternative NPDES general permit. Any interested person may petition the Agency to take action under this paragraph. The Agency may require any discharger authorized to discharge under this permit to apply for an individual NPDES permit only if the discharger has been notified in writing that a permit application is required. This notice shall include a brief statement of the reasons for this decision, an application form, a statement setting a deadline for the discharger to file the application and a statement that on the effective date of the individual NPDES permit or the alternative general permit as it applies to the individual permittee, coverage under this general permit shall automatically terminate. The Agency may grant additional time to submit the application upon request of the applicant. If the discharger fails to submit in a timely manner an individual NPDES permit application required by the Agency under this paragraph then the applicability of this permit to the individual NPDES permittee is automatically terminated at the end of the day specified for application submittal.
- b. Any discharger authorized by this permit may request to be excluded from the coverage of this permit by applying for an individual permit. The discharger shall submit an individual application with reasons supporting the request, in accordance with the requirements of 40 CFR 122.21, to the Agency. The request shall be granted by issuing of any individual permit or an alternative general permit if the reasons cited by the discharger are adequate to support the request.
- c. When an individual NPDES permit is issued to a discharger otherwise subject to the permit, or the discharger is approved for coverage under an alternative NPDES general permit, the coverage under this permit to the individual NPDES permittee is automatically terminated on the issued date of the individual permit or the date of approval for coverage under the alternative general permit, whichever the case may be. When an individual NPDES permit is denied to a discharger otherwise subject to this permit or the discharger is denied coverage under an alternative NPDES general permit the applicability of this permit to the individual NPDES permittee is automatically terminated on the date of such denial, unless otherwise specified by the Agency.

