

NPDES Permit No. ILG_

Illinois Environmental Protection Agency
Division of Water Pollution Control
1021 North Grand East
Post Office Box 19276
Springfield, Illinois 62794-9276

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

Expiration Date:

Issue Date:

Effective Date:

**General (NPDES) Permit
For
Individual Sewage Treatment Systems**

Coverage under This Permit

This Permit covers all areas discharging to General Use Waters of Lake County, Illinois from any surface discharging private sewage disposal system, provided the untreated domestic sewage waste load is less than 1500 gallons per day (GPD), less than 15 population equivalents.

Discharge Number and Name: 001 STP Outfall **Receiving Waters:** General Use Waters of Lake County, Illinois

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

NPDES Permit No. ILG_

Special ConditionsEffluent Limitations

These effluent limitations cover treated domestic sewage discharges to storm sewers or to other waters of the state, except lakes, ponds or impoundments.

From the effective date of coverage by this Permit until the expiration date, the effluent of the above discharges shall be limited at all times as follows:

Parameter	CONCENTRATION LIMITS MG/L		Sample Frequency**	Sample Type
	Yearly Average	Daily Maximum		
Flow (GPD)*				
BOD ₅	30	30		Grab
Suspended Solids	30	30		Grab
pH	Shall be in the Range of 6 to 9 Standard Units			Grab
Fecal Coliform	Daily Maximum Shall Not Exceed 400 per 100 mL			Grab

Effluent shall be free of floating debris, visible oil, odor, plant or algal growth, color or turbidity of other than of natural origin.

Effluent Limitations

These effluent limitations cover treated domestic sewage discharges to lakes, ponds or impoundments or within 100 feet from the average water level of lakes, ponds or impoundments.

From the effective date of coverage by this Permit until the expiration date, the effluent of the above discharges shall be limited at all times as follows:

Parameter	CONCENTRATION LIMITS MG/L		Sample Frequency**	Sample Type
	Yearly Average	Daily Maximum		
Flow (GPD)*				
BOD ₅	30	30		Grab
Suspended Solids	30	30		Grab
Total Phosphorus	See Special Condition 11			Grab
pH	Shall be in the Range of 6 to 9 Standard Units			Grab
Fecal Coliform	Daily Maximum Shall Not Exceed 400 per 100 mL			Grab

Effluent shall be free of floating debris, visible oil, odor, plant or algal growth, color or turbidity of other than of natural origin.

* Flow is to be reported as the amount that is discharged in a day (24 hrs), expressed as the average daily discharge occurring over a calendar year. Flow may be estimated from direct visual readings, mechanical flow measurement, or water use records and may not exceed 1500 gallons per day (GPD) or the permitted capacity as authorized by the Illinois Environmental Protection Agency (IEPA).

** See Special Condition 6

To receive authorization to discharge under this General Permit, a facility/home owner or operator must submit the proper application forms to the IEPA. Authorization, if granted, will be by letter and include a copy of this permit.

NPDES Permit No. ILG_

Special Conditions

SPECIAL CONDITION 1: Requiring an individual permit.

- a. The (IEPA) may require any person authorized by this Permit to apply for and obtain an individual NPDES permit or an alternate general permit. Any interested person may petition the IEPA to take action under this Special Condition. When the IEPA notifies a discharger to apply for an individual permit or an alternate general permit, a deadline, not longer than one year, will be established for submitting the application. If a person fails to submit an individual NPDES permit application by the deadline established by the IEPA under this paragraph, the applicability of this General Permit to the NPDES permittee is automatically terminated.
- b. Any owner or operator authorized by this Permit may request to be excluded from the coverage of this Permit by applying for an individual NPDES permit. The owner or operator shall submit an individual application with reasons supporting the request, in accordance with the requirements of 40 CFR § 122.21, to the IEPA. The request shall be granted by issuing of any individual permit if the reasons cited by the owner or operator are adequate to support the request.
- c. When an individual NPDES permit or an alternate general permit is issued to an owner or operator otherwise subject to this Permit, the applicability of this Permit to the individual NPDES permittee is automatically terminated on the issue date of the individual permit.
- d. An individual NPDES permit or an alternate general permit may be required if conditions at the discharge change, effluent limitations change, the use or conditions of the receiving water changes, or as provided in 40 CFR § 122.28(b)(3).

SPECIAL CONDITION 2 - Authorization

- a. Owners or operators who seek authorization under this permit shall submit a signed IEPA Notice of Intent (NOI) Form to IEPA and shall include the following:
 1. The owner or operators name, address, and telephone number.
 2. The location of the system. The location shall be provided as a postal address, ¼, ¼, ¼ Section, Township Range and County in which the system discharges, or as the longitude, latitude and county of the system.
 3. The distance between the system outfall and the nearest downgradient storm sewer or other waters of the state.
 4. The type of approved secondary treatment system from which the discharge originates (i.e., sand filter, mechanical/aerobic, peat filter, textile filter, waste stabilization pond or constructed wetland).
 5. A statement from the Lake County Health Department or other agency issuing an administrative approval or permit to construct the discharging sewage system that no technological or economical alternative is feasible to eliminate the discharge of pollutants as required by 33 United States Code § 1211 (b) (2) (A)
 6. A certification that the terms and conditions of the General Permit will be met.

The NOI Form shall be filed with the IEPA when the construction permit is approved by the Lake County Health Department or other administrative authority. Owners or operators of existing discharges shall file the NOI Form with IEPA. A copy of the NOI Form must also be filed with the local administrative authority.

- b. The owner or operator is authorized to discharge under this general permit upon receipt of a coverage letter and copy of the permit from IEPA. Upon review of the NOI Form, the IEPA may deny coverage under this General Permit and require submittal of an application for an individual NPDES permit.
- c. Owners who discharge pollutants to the surface of the ground or the waters of the state without an NPDES permit are in violation of the Clean Water Act and the Code of Illinois.
- d. NOI Form must be filed with IEPA at the following address:

Illinois Environmental Protection Agency
1021 North Grand East
Post Office Box 19276
Springfield, Illinois 62794-9276

NPDES Permit No. ILG_

Special Conditions

- e. Authorization to discharge under this general permit, if granted, will be by letter and include a copy of the permit. Upon review of the NOI, the IEPA may deny coverage under this General Permit and require submittal of an application for an individual NPDES permit.

SPECIAL CONDITION 3: The permittee shall comply with all conditions of this General Permit, all applicable IEPA regulations, Lake County Board of Health Ordinance Article V, and all other applicable federal, state, or local laws, regulations or ordinances. Any noncompliance constitutes a violation of the Clean Water Act and Lake County Board of Health Ordinance, Article V and is grounds for enforcement action, termination of coverage under this General Permit, or for denial of a request for coverage under a reissued general permit.

SPECIAL CONDITION 4: The permittee shall furnish to the Lake County Health Department (LCHD) any information relative to the construction, operation, or maintenance of the system, including effluent sample test results, within the time period specified by LCHD.

SPECIAL CONDITION 5: This permit is not transferable. In the event of a property transfer, the permittee is responsible for notifying the IEPA and LCHD, in writing, of their intent to terminate the Permit. The new property owner must submit a new NOI to qualify for this General Permit. Failure to do so may result in the new owner being required to apply for and obtain an individual NPDES permit.

SPECIAL CONDITION 6: The permittee of an individual discharging treatment system permitted under this permit shall furnish to the LCHD proof of an active maintenance agreement for the system. The permittee shall have the individual discharging treatment system permitted under this permit inspected at least twice a year at approximately six month intervals. The inspection shall be performed by a person authorized by the LCHD to inspect such systems. At least two times per year, the permittee shall cause the collection of a sample of the final effluent by the LCHD or a representative authorized by LCHD, and that sample shall be analyzed by a certified laboratory for BOD₅, Suspended Solids, pH and fecal coliform. The result of any analyses, whether or not required for process evaluation, shall be submitted to the LCHD. Any nuisance, health hazard or deficiency noted during the inspection or sampling of the system shall be addressed and corrective action taken within 30 days. If after 30 days, the system is still deficient, the system shall be sampled and inspected every 30 days until the violation of effluent standards, nuisance, health hazard or deficiency is corrected and the system meets the effluent limits of this permit.

SPECIAL CONDITION 7: Only Chlorine tablets approved for use in disinfection of wastewater shall be utilized where chlorine is employed for disinfection.

SPECIAL CONDITION 8: This permit does not authorize discharge of any effluent which contains any hazardous pollutant, toxic waste, waste that causes a violation of an applicable water quality standard, any waste which is considered a nuisance or health hazard, stormwater, grease, oil or solvents, car wash facility, hair salon, photographic laboratory, medical facility, facility that generates automotive waste, or any substance other than domestic wastewater.

SPECIAL CONDITION 9: The operation and maintenance manual and all records including installation, inspection and sampling shall be available during an inspection of the facility. The sampling port or free fall discharge shall be readily accessible during an inspection. A permittee associated with a food service establishment, with a grease trap, shall make the grease trap readily accessible during an inspection.

SPECIAL CONDITION 10: The effluent, alone or in combination with other sources, shall not cause or contribute to a violation of any applicable water quality standard outlined in 35 Ill. Admin. Code 302.

SPECIAL CONDITION 11: The effluent total phosphorus concentration shall be ≤ 1.0 mg/L for all discharges to IEPA 303(d) listed waters and/or LCHD designated high quality lakes.