

Appendix 1

IEPA Public Water Supply
Construction Permit

0726-FY2026

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

2520 West Iles Avenue; Post Office Box 19276; Springfield, IL 62794-9276

Division of Public Water Supplies

Telephone 217/782-1724

PUBLIC WATER SUPPLY CONSTRUCTION PERMIT

RECEIVED

MAR 09 2026

Lake County Public Works

SUBJECT: Lake County PW – Hawthorn Woods (IL0970450)

Permit Issued to:
Lake County Public Works – Hawthorn Woods
650 West Winchester Road
Libertyville, IL 60048

PERMIT NUMBER: 0726-FY2026

DATE ISSUED: March 5, 2026

PERMIT TYPE: Water Main Extension

The issuance of this permit is based on plans and specifications prepared by the engineers/architects indicated and are identified as follows. This permit is issued for the construction and/or installation of the public water supply improvements described in this document, in accordance with the provisions of the “Environmental Protection Act”, Title IV, Sections 14 through 17, and Title X, Sections 39 and 40, and is subject to the conditions printed on the last page of this permit and the ADDITIONAL CONDITIONS listed below.

FIRM: Christopher B. Burke Engineering, Ltd.
NUMBER OF PLAN SHEETS: 22
TITLE OF PLANS: “Countryside Manor Water Main Replacement Project”
APPLICATION RECEIVED DATE: January 9, 2026

PROPOSED IMPROVEMENTS:

The installation of approximately 130 feet of 6-inch water main, 6,900 feet of 8-inch water main, 12 hydrants each with auxiliary control valve, and 20 water main control valves.

ADDITIONAL CONDITIONS:

1. When replacing water mains with lead service lines or partial lead service lines connected to them, the owner or operator of the community water supply shall provide the owner or operator of each potentially affected building that is serviced by the affected lead service lines or partial lead service lines, as well as the occupants of those buildings, with an individual written notice. The lead informational notice shall be provided at least 14 days prior to permitted water main work. The notification provided by the community water supply must satisfy the requirements of Section 17.12(jj) of the Act, 415 ILCS 5/17.12(jj). A copy of the notice used must be submitted to the Agency with the Application for Operating Permit.

The owner or operator of a community water supply planning to partially replace only the supplier-owned portion of the lead service line must notify the service line’s owner, or the owner’s authorized agent, and any non-owner residents the service line serves at least 45 days before the replacement. The notice must explain that the supplier will replace the supplier-owned portion of the service line and offer to replace the customer-owned portion.

2. When the owner or operator of a community water supply replaces a water main, the community water supply shall identify all lead service lines connected to the water main and shall comply with the requirements of Section 17.12 of the Act, 415 ILCS 5/17.12 and Ill. Adm. Code, Title 35, Subtitle F, Section 611.354 for lead service line replacement. Galvanized service lines must also be replaced if the galvanized service line is or was connected downstream to the lead piping. The owner or operator of a community water supply must also replace any lead gooseneck, pigtail or connector it owns when encountered and offer to replace any customer-owned lead gooseneck, pigtail, or connector.

The owner or operator of a community water supply conducting a full lead service line replacement must comply with the requirements of Ill. Adm. Code, Title 35, Subtitle F, Section 611.354(e). Notification must be provided to the service line's owner, or the owner's authorized agent, and any non-owner residents the service line serves within 24 hours after completing the replacement. The notice must comply with the requirements of Ill. Adm. Code, Title 35, Subtitle F, Section 611.355(a). The supplier must inform consumers about service line and premise plumbing flushing using the procedure submitted with the Lead Service Line Replacement Plan. The owner or operator of a community water supply must provide the consumer with a pitcher filter or point-of-use treatment device to reduce lead, six-months of replacement cartridges, and use instructions before returning the replaced service line to service. If the lead service line serves more than one residence or multi-unit building, the owner or operator must provide a filter, six months of replacement cartridges and use instructions to every unit in the building. The owner or operator of a community water supply must offer to the consumer to collect a follow-up tap sample between three and six months after replacing the lead service line and provide the results to the consumer.

For any partial lead service line replacements, in addition to complying with the 45-day notification requirement before replacement, the supplier must provide notice complying with Ill. Adm. Code, Title 35, Subtitle F, Section 611.355(a) before returning a service line to service. The owner or operator of a community water supply conducting a partial lead service line replacement must also comply with the requirements 35 Ill. Adm. Code, Title 35, Subtitle F, Section 611.354(d). The supplier must inform consumers about service line and premise plumbing flushing using the procedure submitted with the Lead Service Line Replacement Plan. The owner or operator of a community water supply must provide the consumer with a pitcher filter or point-of-use treatment device to reduce lead, six-months of replacement cartridges, and use instructions before returning the replaced service line to service. If the lead service line serves more than one residence or multi-unit building, the owner or operator must provide a filter, six months of replacement cartridges and use instructions to every unit in the building. The owner or operator of a community water supply must offer to the consumer to collect a follow-up tap sample between three and six months after replacing the lead service line and provide the results to the consumer. When the owner or operator of a community water supply replaces a water main, the community water supply shall identify all lead service lines connected to the water main and shall comply with the requirements of Section 17.12 of the Act, 415 ILCS 5/17.12 and Ill. Adm. Code, Title 35, Subtitle F, Section 611.354 for lead service line replacement. Galvanized service lines must also be replaced if the galvanized service line is or was connected downstream to the lead piping. The owner or operator of a community water supply must also replace any lead gooseneck, pigtail or connector it owns when encountered and offer to replace any customer-owned lead gooseneck, pigtail, or connector.

3. A statement must be submitted with the Application for Operating Permit indicating either that no full or partial lead service lines or galvanized requiring replacement were identified or that Section 17.12 of the Act and Ill. Adm. Code, Title 35, Subtitle F, Section 611.354 was complied with for this project.


4. Per Executive Order V please contact the Illinois Department of Natural Resources (IDNR), Office of Water Resources. IDNR may require a permit pursuant to State statutes which requires all development within a Special Flood Hazard Area to comply with the requirements of 17 Illinois Adm. Code Part 3700 or 17 Illinois Adm. Code Part 3708, whichever is applicable. Additionally, local floodplain permits may be required as a local floodplain management ordinance may require compliance with higher standards than those of the National Flood Insurance Program (44 CFR 59-79).

5. All water mains shall be satisfactorily disinfected prior to use pursuant to Ill. Adm. Code, Title 35, Subtitle F, Section 602.310. Two consecutive sets of samples collected at least 24 hours apart must show the absence of coliform bacteria. **A minimum of 6 sets of coliform samples must be taken.** The samples must be collected from every 1,200 feet of new water main along each branch and from the end of the line. An operating permit must be obtained before the project is placed in service. The application for operating permit and supporting documents can either be mailed to this office or emailed to EPA.PWSPermits@illinois.gov. Use of the email address is preferred.

6. The permit approval is for the Application, Schedule B, and 22 plan sheets received on January 9, 2026; and the revised Application received on February 12, 2026.

CJ:SLH

cc: Christopher B. Burke Engineering, Ltd.
Elgin Regional Office
Lake County Health Department
IDPH/DEH – Plumbing and Water Quality Program


Chris Johnston, P.E.
Manager Permit Section
Division of Public Water Supplies

STANDARD CONDITIONS FOR CONSTRUCTION/DEVELOPMENT PERMITS
ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

The Illinois Environmental Protection Agency Act (Illinois Compiled Statutes, Chapter 111-1/2, Section 1039) grants the Environmental Protection Agency authority to impose conditions on permits which it issues.

These standard conditions shall apply to all permits which the Agency issues for construction or development projects which require permits under the Division of Water Pollution Control, Air Pollution Control, Public Water Supplies and Land Pollution Control. Special conditions may also be imposed by the separate divisions in addition to these standard conditions.

1. Unless this permit has been extended or it has been voided by a newly issued permit, this permit will expire one year after this date of issuance unless construction or development on this project has started on or prior to that date. (See standard condition #8 below)
2. The construction or development of facilities covered by this permit shall be done in compliance with applicable provisions of Federal laws and regulations, the Illinois Environmental Protection Act, and Rules and Regulations adopted the Illinois Pollution Control Board.
3. There shall be no deviations from the approved plans and specifications unless a written request for modification of the project, along with plans and specifications as required, shall have been submitted to the Agency and a supplemental written permit issued.
4. The permittee shall allow any agent duly authorized by the Agency upon the presentation of credentials:
 - a. to enter at reasonable times the permittee's premises where actual or potential effluent, emission or noise sources are located or where any activity is to be conducted pursuant to this permit.
 - b. to have access to and copy at reasonable times any records required be kept under the terms and conditions of this permit.
 - c. to inspect at reasonable times, including during any hours of operation of equipment constructed or operated under this permit, such equipment or monitoring methodology or equipment required to be kept, used, operated, calibrated and maintained under this permit.
 - d. to obtain and remove at reasonable times samples of any discharge or emission of pollutants.
 - e. to enter at reasonable times and utilize any photographic, recording, testing, monitoring or other equipment for the purpose of preserving, testing, monitoring, or recording any activity, discharge, or emission authorized by this permit.
5. The issuance of this permit:
 - a. shall not be considered as in any manner affecting the title of the permits upon which the permitted facilities are to be located;
 - b. does not release the permittee from any liability for damage to person or property caused by or resulting from the construction, maintenance, or operation of the proposed facilities;
 - c. does not release the permittee from compliance with the other applicable statutes and regulations of the United States, of the State of Illinois, or with applicable local laws, ordinances and regulations;
 - d. does not take into consideration or attest to the structural stability of any units or parts of the project;
 - e. in no manner implies or suggests that the Agency (or its officers, agents or employees) assumes any liability directly or indirectly for any loss due to damage, installation, maintenance, or operation of the proposed equipment or facility.
6. These standard conditions shall prevail unless modified by special conditions.
7. The Agency may file a complaint with Board of modification, suspension or revocation of a permit:
 - a. upon discovery that the permit application misrepresentation or false statements or that all relevant facts were not disclosed; or
 - b. upon finding that any standard or special conditions have been violated; or
 - c. upon any violation of the Environmental Protection Act or any Rules or Regulation effective thereunder as a result of the construction or development authorized by this permit.
8. Division of Public Water Supply Construction Permits expire one year from date of issuance or renewal, unless construction has started. If construction commences within one year from date of issuance or renewal, the permit expires five years from the date of permit issuance or renewal. A request for extension shall be filed prior to the permit expiration date.

Lead Informational Notice

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Dear Water Customer:

Today's Date: _____

This notice contains important information about your water service and may affect your rights. We encourage you to have this notice translated in full into a language you understand and before you make any decisions that may be required under this notice.

Diese Mitteilung beinhaltet wichtige Informationen über Ihre Wasserversorgung und könnte Ihre Rechte beeinflussen. Wir bitten Sie, dass Sie diese Mitteilung vollständig in eine Sprache übersetzen lassen, die Sie verstehen, bevor Sie eventuelle Entscheidungen treffen, welche im Zusammenhang mit dieser Benachrichtigung erforderlich sind.

Ang abisong ito ay naglalaman ng mahalagang impormasyon tungkol sa iyong serbisyo sa tubig at maaring makaapekto sa iyong mga karapatan. Hinihikayat namin kayo na isalin nang buo ang abisong ito sa wikang naiintindihan ninyo at bago kayo gumawa ng anumang mga desisyon na maaring kailanganin sa abisong ito.

આ સૂચનામાં તમારી પાણીની સેવા વિશે મહત્વપૂર્ણ માહિતી શામેલ છે અને તમારા અધિકારોને અસર કરી શકે છે. અમે તમને પ્રોત્સાહિત કરીએ છીએ કે તમે આ સૂચના હેઠળ જરૂરી હોય તેવા કોઈપણ નિર્ણયો લો તે પહેલાં તમે આ સૂચનાને તમે સમજો છો તે ભાષામાં સંપૂર્ણ ભાષાંતર કરો.

Niniejsze zawiadomienie zawiera ważne informacje na temat Państwa przyłącza wodociągowego i może mieć wpływ na Państwa prawa. Przed podjęciem jakichkolwiek decyzji, które mogą być wymagane na mocy niniejszego zawiadomienia, zachęcamy Państwa do przetłumaczenia całości niniejszego zawiadomienia na język, który będzie dla Państwa zrozumiały.

يحتوي هذا الإشعار على معلومات مهمة حول خدمة المياه لديك، وقد يؤثر على حقوقك. قبل اتخاذ أي قرارات قد تكون مطلوبة بموجب هذا الإشعار فإننا نشجعك على ترجمته بالكامل إلى لغة تفهمها!

اس نوٹس میں آپ کی پانی کی سروسز سے متعلق اہم ترین معلومات موجود ہیں اور یہ آپ کے حقوق کو متاثر کر سکتا ہے۔ ہم آپ کو ترغیب دیں گے کہ آپ اس نوٹس کا مکمل طور پر اس زبان میں ترجمہ کروائیں جو آپ سمجھتے ہوں اور ممکن ہے کہ آپ کے کوئی فیصلہ لینے سے قبل اس نوٹس کے تحت یہ درکار بھی ہو۔

Este aviso contiene información importante sobre su servicio de agua y puede afectar sus derechos. Lo animamos a que traduzca este aviso a un idioma que comprenda antes de tomar cualquier decisión que pueda ser necesaria en virtud del mismo.

이 통지서에는 귀하의 권리에 영향을 미칠 수 있는 수도 서비스에 관한 중요한 정보가 제시되어 있습니다. 이 통지서에서 요구하는 결정을 내리기 전에 이 통지서를 귀하가 이해할 수 있는 언어로 번역하시기 바랍니다.

本通知包含有关您的供水服务的重要信息，可能会影响到您的权利。在您做出本通知所要求的任何决定之前，我们鼓励您将本通知完整地翻译成您可理解的语言。

Lead Informational Notice

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Our water system will soon begin a water line maintenance and/or construction project that may affect the lead concentrations in your drinking water. Lead, a metal found in natural deposits, is harmful to human health, especially young children, and pregnant women. It can cause damage to the brain and kidneys and can interfere with the production of red blood cells that can carry oxygen to all parts of your body. The most common exposure to lead is swallowing or breathing in lead paint chips and dust. However, lead in drinking water can also be a source of lead exposure. In the past, lead was used in some water service lines and household plumbing materials. Lead in water usually occurs through corrosion of plumbing products containing lead; however, disruption (construction or maintenance) of lead service lines may also temporarily increase lead levels in the water supply. This disruption may be sometimes caused by water main maintenance/replacement.

The purpose of this notice is for informational purposes only. While it's not known for certain whether this construction project will adversely affect the lead (if present) plumbing in and outside your home, below describes some information about the project and some preventative measures you can take to help reduce the amount of lead in drinking water.

Project Start Date: _____ Project expected to be completed by: _____

Project location and description: _____

What you can do to reduce lead exposure in drinking water during this construction project:

- *Run your water to flush out lead.* If the plumbing in your home is accessible; you may be able to inspect your own plumbing to determine whether you have a lead service line or lead solder. Otherwise, you will most likely have to hire a plumber.
 - If you do not have a lead service line, running the water for 1 – 2 minutes at the kitchen tap should clear the lead from your household plumbing to the kitchen tap. Once you have done this, fill a container with water and store it in the refrigerator for drinking, cooking, and preparing baby formula throughout the day.
 - If you do have a lead service line, flushing times can vary based on the length of your lead service line and the plumbing configuration in your home. The length of lead service lines varies considerably. Flushing for at least 3 – 5 minutes is recommended.
- *Use cold water for drinking, cooking, and preparing baby formula.* Do not cook with or drink water from the hot water tap; lead dissolves more easily into hot water. Do not use water from the hot water tap to make baby formula.
- *Look for alternative sources or treatment of water.* You may want to consider purchasing bottled water or a water filter that is certified to remove "total lead".
- *Clean and remove any debris from faucet aerators on a regular basis.*
- *Do not boil water to remove lead. Boiling water will not reduce lead.*
- *Purchase lead-free faucets and plumbing components.*
- *Remove the entire lead service line.*
- *Test your water for lead.* Call us at: _____ to find out how to get your water tested for lead. While we do not do the testing, we can provide a list of laboratories certified to do the testing. Laboratories will send you the bottles for sample collection. Please note that we are not affiliated with any laboratory, and they will charge you a fee.
 - If test results indicate a lead level above 15 ug/L, bottled water should be used by pregnant women, breast-feeding women, young children, and formula-fed infants.

POST-NOTIFICATION
IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Dear Water Customer: _____

Today's Date: _____

- A) Customers may experience a temporary increase of lead in their drinking water due to the lead service line replacement. Lead can cause serious health problems, especially for pregnant women and young children. Please read this information closely to see what you can do to reduce lead in your drinking water.
- B) **Health Effects of Lead.** Exposure to lead in drinking water can cause serious health effects in all age groups. Infants and children can have decreases in IQ and attention span. Lead exposure can lead to new learning and behavior problems or exacerbate existing learning and behavior problems. The children of women who are exposed to lead before or during pregnancy can have increased risk of these adverse health effects. Adults can have increased risks of heart disease, high blood pressure, kidney or nervous system problems.
- C) **Sources of Lead**
- i) Lead is a common metal found throughout the environment in lead-based paint; air; soil; household dust; food; certain types of pottery, porcelain, and pewter; and water.
 - ii) Lead is unusual among drinking water contaminants in that it seldom occurs naturally in water supplies like rivers and lakes. Lead enters drinking water primarily as a result of the corrosion, or wearing away, of materials containing lead in the water distribution system and household plumbing. These materials include lead-based solder used to join copper pipe, brass and chrome plated brass faucets, and in some cases, pipes made of lead that connect your house to the water main (service lines). In 1986, Congress banned the use of lead solder containing greater than 0.2% lead, and restricted the lead content of faucets, pipes and other plumbing materials to 8.0%.
 - iii) Lead exposure can also result from lead-based paint; air; soil; household dust; food; certain types of pottery, porcelain, and pewter; and water.
- D) If a water test indicates that the drinking water drawn from a tap in your home contains lead above 15ppb, then you should take the following precautions:
- i) Let the water run from the tap before using it for drinking or cooking any time the water in a faucet has gone unused for more than six hours. The longer water resides in your home's plumbing the more lead it may contain. Flushing the tap means running the cold water faucet until the water gets noticeably colder, usually about three minutes. If your house has a lead service line to the water main, you may have to flush the water for a longer time, perhaps five minutes, before drinking. Although toilet flushing or showering flushes water through a portion of your home's plumbing system, you still need to flush the water in each faucet before using it for drinking or cooking.
 - ii) Try not to cook with or drink water from the hot water tap. Hot water can dissolve more lead more quickly than cold water. If you need hot water, draw water from the cold tap and heat it on the stove. **DO NOT USE HOT TAP WATER TO PREPARE BABY FORMULA.**
 - iii) Boiling water does not reduce lead levels.
 - iv) You may want to consider purchasing bottled water or a water filter that is certified to remove "total lead". Clean and remove any faucet aerators on a regular basis.
 - v) Parents should have their child's blood tested for lead.

**POST-NOTIFICATION
IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER**

- E) Reason for Elevated Lead. Customers may experience a temporary increase of lead in their drinking water due to the lead service line replacement. The supplier is taking steps to reduce lead levels in homes and building by removing the lead service lines.
- F) For more information, call us at _____ or visit our Web site at _____. For more information on reducing lead exposure around your home/building and the health effects of lead, visit USEPA's Web site at www.epa.gov/lead or contact your health care provider.

Attachments to this notice must include:

- Information on Lead Service Lines. A supplier having lead service lines must discuss opportunities to replace lead service lines and explain how a consumer may access the supplier's lead service line inventory to determine whether the consumer has a lead service line. The supplier must include information on programs providing financing solutions to assist property owners in replacing their portion of a lead service line, with a statement that the water system must replace the supplier-owned portion of a lead service line when the property owner notifies the supplier that the consumer will replace the property owners portion of the lead service line.
- POU or Pitcher Filter Instructions. The supplier must provide the consumer with a pitcher filter or point-of-use treatment device to reduce lead, six months of replacement cartridges, and use instructions before returning the replaced service line to service. If the lead service line serves more than one residence or non-residential unit (e.g., a multi-unit building), the supplier must provide a filter and six months of replacement cartridges and use instructions to every unit in the building.
- The supplier must offer to the consumer to collect a follow up tap sample between three and six months after replacing a lead service line. The supplier must provide the results from the follow up sample to the consumer.



Illinois Environmental Protection Agency

2520 West Iles Avenue • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

Division of Public Water Supplies, Permit Section

Application for Operating Permit

This form may be completed online, a copy saved locally and printed before it is signed. You may also complete a printed copy manually. Submit the completed and signed form to the Illinois EPA, Division of Public Water Supplies, Permit Section at the address listed above.

Facility Name: Lake County PW - Hawthorn Woods

Facility ID: IL0970450

Address: 650 West Winchester Road

Construction Permit No.: 0726-FY2026

City: Libertyville State: IL Zip Code: 60048

Date Permit Issued: Mar 5, 2026

County: Lake

Permit Type: Water Main

Firm Name: Christopher B. Burke Engineering, Ltd.

Permitted Sample Sets: 6

Project Title: Countryside Manor Water Main Replacement Project

	Final	Partial A	Partial B	Partial C	Partial D	Partial E	Partial F	Partial G
Completion Date								

If previous partials were issued provide their completion date.

Pipe Diameter (in)	4	6	8	10	12			
Length Permitted (ft)		130	6900					
Length Constructed (ft) For this submission								
Length Constructed (ft) Overall								

Lab Report Includes: Facility Name Facility ID Chlorine Samples Coliform Samples Construction Permit Number

Coliform Sampling Method: Colilert Colisure ReadyCult Membrane Filter (MF) Other

Project or Permit Includes Lead Service Lines and/or galvanized requiring replacement. How many were replaced: _____

Pre-Notice was distributed and copy included with operating permit application

Post-Notice was distributed and copy included with operating permit application (for Finals only)

No full or partial lead service lines were identified or they were replaced as required by 415 ILCS 5/17.12.

Map or plan sheet submitted showing sample locations: _____ Number of branches _____ Number of sampling locations

All watermain requested for operation has been pressure and leak tested as required by per 35 Ill. Adm. Code 604.1405(e)

For a new well project submit: Schedule C-I Well Construction, Schedule C-II Well Completion, Actual Well Drillers Log,

Well Construction Report (that was sent to the ISGS), Pump Test with Specific Capacity Value,

Groundwater Quality Sampling Parameters in Attachment 1 of Schedule C-I, Field Measurements in Attachment 1 of Schedule C-I

Responsible Operator In Charge

Name: _____ Classification: _____ Number: _____

Telephone: _____ Email: _____

Owner of the Completed Project:

Name: _____ Title: _____ Telephone: _____

Address: _____ City: _____ State: _____ Zip Code: _____

The Owner hereby certifies that the project named and described has been constructed in accordance with plans and specifications approved by the Illinois EPA. See instructions for further information. For Verbal Approvals email this form, lab reports, and sampling location map to epa.pwspemits@illinois.gov. Upon IEPA review and approval (typically one business day) we will respond to email with verbal approval. For additional questions call the construction permit reviewer Steven Henkel at 217-782-1724.

Owner/Authorized Personnel Signature

Date

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

FOR IEPA USE ONLY

This operating permit 0726-FY2026 issued on _____ is valid until revoked. This permit is valid only for the work completed under the Construction Permit of the same number.

Jaime Rabins, P.E.
Unit A Working Supervisor, Permit Section
Division of Public Water Supplies

Application for Operating Permit

Instructions for Operating Permit Application

The Operating Permit Application must be submitted for all Public Water Supply projects that required a construction permit.
The Operating Permit must be obtained before the project is placed in service.

Fill out the top section using the corresponding Construction Permit for reference.

- **Facility Name** is the name of the village, city or entity distributing community water supplies.
- **Facility ID Number** can be found on the Construction Permit. This number is specific to your facility.
- **Address** is the same as the address on the Construction Permit.
- **Construction Permit Number** is the assigned permit number of the corresponding Construction Permit. The Operating Permit and the corresponding Construction Permit will have the same permit number.
- **Permit Type** identifies whether the project involved is a Water Main, a Plant Improvement or Both.
- **Date Permit Issued** is the date the Construction Permit was granted.
- **Date of Project Completion** is the date construction was completed for the section of project you are requesting the Operating Permit for. If you are requesting an Operating Permit for a Partial project, the Date of Project Completion is the date construction was completed on that partial section. The Date of Project Completion will never be a date in the future, and must be a date *after* the issue date of the Construction Permit.
- **Title of Project** is the same title of project listed on the corresponding Construction Permit. The Operating Permit and the Construction Permit will have the same Title of Project.
- **Firm Name** is the engineering entity that designed the project.

Project Status will either be Final or Partial.

- **Final:** If construction on the project is complete, you will enter completion date under Final
- **Partial:** If construction on the total project is only partially complete, but you want to operate the completed section, you will enter completion date under the **Partial Letter**. If this is the first partial, you will enter the completion dated under "Partial A", if this is the second partial, you will enter the completion date under "Partial B" and so forth.
Once the last partial section has been completed, identify it as such and also select Final in the Project Status.

The **Responsible Operator in Charge** and **Owner of the Completed Project** should fill out his/her respective section. Please print your name legibly and sign where appropriate. By signing the application, the owner hereby certifies that the project named and described has been constructed in accordance with plans and specifications approved by the Illinois EPA, including specifications for bacteriological samples, and that bacteriological samples (if required) were taken under the supervision of a representative from the Public Water Supply. The owner also certifies that the project will be operated in accordance with the provisions of the Illinois Environmental Protection Act and the Rules and Regulations adopted by the Illinois Pollution Control Board pursuant to provisions of the Act.

Requests for Verbal Approval can be emailed to epa.pwspermits@illinois.gov.

Disinfection and bacteriological analysis must be performed for the completed project in accordance with the requirements of AWWA C651, C652, C653 or C654. For projects requiring these procedures, the sample results must be attached to the application. The construction permit number should be clearly visible on the sample results. Two consecutive sets of samples collected at least 24 hours apart must show the absence of coliform bacteria and the presence of a 0.5 mg/L minimum free chlorine residual or a 1.0 mg/L minimum combined chlorine residual. Samples must be collected every 1,200 feet of new water main along each branch and from the end of the line unless otherwise approved by the Illinois EPA.

All operating permit applications for water main construction permits that have additional conditions for lead service line inventory, replacement, and notification must include a statement indicating either that no full or partial lead service lines were identified or that they were replaced in accordance with Section 17.12 of the Act, 415 ILCS 5/17.12. A copy of the **Lead Informational Notice** satisfying the requirements of Section 17.12(jj) of the Act, 415 ILCS 5/17.12(jj) must also be attached. The notice must contain the following statement translated in the Spanish, Polish, Chinese, Tagalog, Arabic, Korean, German, Urdu, and Gujarati languages: "This notice contains important information about your water service and may affect your rights. We encourage you to have this notice translated in full into a language you understand and before you make any decisions that may be required under this notice."

This form may be completed online, a copy saved locally and printed before it is signed. You may also complete a printed copy manually. Submit the completed form, lab reports, and sampling location map to epa.pwspermits@illinois.gov. You may mail the completed form to the following address but this will add several days to the processing time of the application:

Illinois Environmental Protection Agency
Division of Public Water Supplies, Permit Section #13
2520 West Iles Avenue, PO Box 19276
Springfield, IL 62794-9276

Appendix 2

Lake County Stormwater
Commission, Watershed
Development Permit #WDP-
26-770



STORMWATER MANAGEMENT COMMISSION

March 27, 2026

Lake County Department of Public Works
650 W. Winchester Rd.
Libertyville, IL 60048

Subject: Watershed Development Permit Application #WDP-26-770
LCPW Countryside Water Main Replacement

PERMIT ISSUANCE

To whom it may concern:

Accompanying this letter is the required Watershed Development Permit for the proposed water main replacement in Unincorporated Libertyville (42.302491, -87.937158). This approval is subject to the conditions on the back of the permit including the following:

- Provide prior notification to Mea Blauer (of the SMC) of the pre-construction meeting at least 5 calendar days in advance to enable SMC attendance. The refund for the \$240 pre-construction deposit will be refunded after the meeting. The \$720 inspection deposit, minus any and all assessed fees, will be refunded after permanent site stabilization.
- Please note that the erosion control measures indicated on the plans are the minimum requirements. Additional measures may be required, as directed by the engineer, enforcement officer, or other governing agency.
- Please coordinate all SESC modifications to the plan with the SMC Inspector.
- Discussion at the preconstruction meeting will include:
 - Maintenance of the sediment and erosion control measures
 - Notifying the SMC Inspector prior to the start of any dewatering activity
 - Notifying the SMC Inspector of frac-out locations and containment
 - Designated Erosion Control Inspector (DECI) contact information
- The DECI shall provide weekly reports to the SMC Inspector. At a minimum, the reports shall include photographs and evaluation of critical areas, as directed by the SMC Inspector, including:
 - Dewatering activities
 - Location, containment, and clean-up of frac-outs during directional drilling

This approval is based on the plans entitled:

COUNTRYSIDE MANOR WATER MAIN REPLACEMENT PROJECT. Prepared by Christopher B. Burke Engineering, Ltd., revised February 18, 2026, and received by SMC February 20, 2026 (22 Sheets – Electronic).

500 W. Winchester Road • Libertyville, Illinois 60048 • 847/377-7700 • FAX 847/984-5747

LONI Approval:

Based on the information provided, SMC has determined that the proposed work will not impact wetlands/waters. Therefore, no wetland permit or impact authorization is required. This Letter of No Wetland Impact (LONI) determination is based plans entitled:

- *Countryside Manor Water Main Replacement Project*, by Christopher B. Burke Engineering Ltd., (CBBEL) 22 sheets, dated 12-9-2025.
- *Watershed Development Permit Application package*, by CBBEL, 88 pages, dated 12-5-2025.

Please note the following conditions of this LONI approval:

- 1) You shall install and maintain appropriate soil erosion and sediment control (SESC) measures (e.g., silt fence, or other measures as required by SMC or the Project Engineer) between the disturbed surface area(s) and wetland/waters to prevent encroachment and sediment transport into the wetland/waters.
- 2) You shall notify SMC immediately if the above-referenced plans are modified to the extent that wetland/water impacts will occur. A wetland impact approval from the SMC and/or the U.S. Army Corps of Engineers, as applicable—as well as a modified Watershed Development Permit from the SMC—would be required before work may commence under a modified plan, unless site wetland/water features are exempted/excluded per applicable regulations.
- 3) You shall notify Bill Santelik of the SMC at wsantelik@lakecountyil.gov for a pre-work inspection as soon as the soil erosion and sediment control measures (SESC BMPs) have been installed, before excavation operations commence. When the work is completed and the SESC BMPs have been removed, we will schedule a follow-up inspection to verify that no wetland impacts have occurred and any restoration activities (if required) have been satisfactorily completed, after which we will return your \$500 inspection deposit.
- 4) If dewatering is needed, you shall contact an SMC inspector Mea Blauer at lblauer2@lakecountyil.gov to review and approve the dewatering set-up prior to initiating dewatering activities.

We would like to be of assistance. Do not hesitate to contact Mea Blauer at (847) 377-7701 if you have questions.

If you have any additional concerns that have not been addressed by the regulatory staff, you may contact Chief Engineer Brian Frank (bfrank@lakecountyil.gov) at (847) 377-7700.

Sincerely,

LAKE COUNTY STORMWATER MANAGEMENT COMMISSION



Kelcey Traynoff, P.E.
Regulatory Supervisor



Brian Frank, P.E., CFM
Chief Engineer

C: Scott Zanoni/ Thomas McArdle – CBBEL
Eric Steffen – Lake County Planning, Building, and Development
Mea Blauer – LCSMC

500 W. Winchester Road • Libertyville, Illinois 60048 • 847/377-7700 • FAX 847/984-5747



STORMWATER MANAGEMENT COMMISSION

**WATERSHED DEVELOPMENT PERMIT NUMBER
Permit #WDP-26-770
HAS BEEN SECURED**

Project: LCPW Countryside Water Main Replacement

Date Issued: March 27, 2026

Lat/Long: 42.302491, -87.937158

PIN No.: N/A

Conditions:

- Refer to WDP application page 2 of 2 for standard permit conditions.
- Refer to Permit Letter for project specific permit conditions.

Issued By: Kelcey Traynoff, P.E.
Regulatory Supervisor

Notice to Contractors and Owners

**Post this card at the site, visible from the street.
Do not post in the interior of a building.**

Inspectors and sheriff's deputies are instructed to stop all work where this permit card is not displayed.

Always mention the Watershed Development Permit number when referring to this project. If this card becomes mislaid or lost please contact Lake County Stormwater Management Commission for a replacement.

Lake County Stormwater Management Commission (847) 377-7700