
Irrigation System Requirements

General information

A permit is required for the installation of landscape irrigation systems. A backflow prevention device is required at the connection to the water supply and must be independently tested by a licensed backflow tester.

State law allows a homeowner to perform this work on their homestead. However, any other person performing this work shall be a licensed plumber or irrigator who is registered as a contractor with the City of Lewisville.

Fees and Applications

An [online application](#) must be completed and submitted to Building Inspections. A permit fee is required prior to permit issuance. Building Inspections can be contacted at 972.219.3470 for additional information.

Plans Submittal Requirements

All irrigation plans used for construction must be drawn to scale. The plan must include, at a minimum, the following information:

1. The irrigator's seal, signature, and date of signing;
2. All major physical features and the boundaries of the areas to be watered;
3. A North arrow;
4. A legend;
5. The zone flow measurement for each zone;
6. Location and type of each:
 - A. Controller; and
 - B. Sensor (for example, but not limited to, rain, moisture, wind, flow, or freeze);
7. Location, type, and size of each:
 - A. Water source, such as, but not limited to a water meter and point(s) of connection;
 - B. Backflow prevention device and assembly details;
 - C. Water emission device, including, but not limited to, spray heads, rotary sprinkler heads, quick-couplers, bubblers, drip, or micro-sprays;
 - D. Valve, including but not limited to, zone valves, master valves, and isolation valves;
 - E. Pressure regulation component; and
 - F. Main line and lateral piping.
8. The scale used.
9. The design pressure.

Code Compliance and Ordinance

- 2021 International Residential Code
- 2021 International Plumbing Code and as amended by Section 608.17.5 Connections to Lawn Irrigation Systems.
- Local Ordinance Chapter 4 Article IV

Inspections

- Irrigation Final

Note: An authorized person needs to be present to handle the equipment during the inspection.

"Next Day" inspections must be requested through [MyGovernmentOnline](#) prior to 3 p.m. Inspections requested for Monday must be submitted before 10 a.m. on Friday.

Inclement Weather

During inclement weather, it is the responsibility of the contractor to reschedule all cancelled inspections after checking their job sites.

Online Contractor Registration, Permit Applications, and Inspection Requests

The City of Lewisville's online permitting & inspections system can be found at www.mygovernmentonline.org.

To create an account...

1. Click **Create Account** in the upper right corner of the home page
2. Fill out all required fields
3. Click **Create Account**

To register as a contractor...

1. Hover your cursor over **Permits & Licensing** in the upper left corner of the home page
2. Click **Apply Online**
3. Select **Lewisville** as the Jurisdiction
4. Select **Permit/Contractor Registration** as the Project Type
5. Click **Get Started on a New Application**
6. Select **Contractor Registration** as the Application Type
7. Fill out all required fields and submit your completed application for review

To apply for a permit...

1. Hover your cursor over **Permits & Licensing** in the upper left corner of the home page
2. Click **Apply Online**
3. Select **Lewisville** as the Jurisdiction
4. Select **Permit/Contractor Registration** as the Project Type
5. Click **Get Started on a New Application**
6. Select the appropriate permit application
7. Fill out all required fields and submit your completed application for review

To access plan review documents uploaded by Staff...

1. Log into MyGovernmentOnline.org
2. Click the **My Account** option in the upper right corner of the home page
3. Scroll down to the **My Permits** section
4. Click the **View Permit** of the permit you'd like to review
5. Once the permit opens, scroll down to the **Jurisdiction Documents** section
6. Click the **Floppy disk icon** on the far right side of the screen to download a document

To upload a revised document...

1. Log into MyGovernmentOnline.org
2. Click the **My Account** option in the upper right corner of the home page
3. Scroll down to the **My Permits** section
4. Click the **View Permit** of the permit you'd like to review
5. Once the permit opens, scroll down to the **Customer Documents** section
6. Click the **Add New File** button to upload a PDF

To pay for a permit...

1. Log into MyGovernmentOnline.org
2. Click the **My Account** option in the upper right corner of the home page
3. Scroll down to the **My Permits** section
4. Click the **View Permit** of the permit you'd like to pay for
5. Once the permit opens, click the **Payments** tab
6. Scroll down to the **New Payment** section to see the outstanding balance
7. Check all the fees you'd like to pay, select the **Payment Type**, and click **Pay Online**
8. Fill out the Payment Page and click **Submit Payment**
9. Once your payment has been submitted, you will return to MyGovernmentOnline

To print your permit...

1. You must pay all outstanding fees before you are able to print a permit
2. Once all fees are paid, navigate to the permit through **My Account > My Permits > View Permit**
3. Click on the **Payments** tab of the permit
4. Click the **Print Permit** on the far right side of the screen
5. Once the permit opens, right-click to save or print the document

To request an inspection...

If you applied for the permit,

1. Log into MyGovernmentOnline.org
2. Click the **My Account** option in the upper right corner of the home page
3. Scroll down to the **My Permits** section
4. Once you locate the permit, click the **Request Inspection** button on the right side of the permit listing
5. Fill out all required fields and click **Add**

If someone else applied for the permit,

1. Log into MyGovernmentOnline.org
2. Hover the cursor over **Permits & Licensing** in the upper left corner of the home page
3. Click **Search Permits**
4. Once you locate the permit, click the **Request Inspection** button on the right side of the permit listing
5. Fill out all required fields and click **Add**