

# How To Disconnect Your Downspouts

1

## Measure & Cut



Measure your downspouts and stand pipes.

### Gather your materials

Drill or electric screwdriver, hacksaw, tin snips, tape measure, crimper, metal screws, downspout elbow, downspout extension

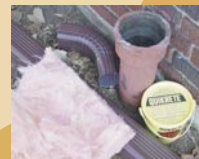
### PLUS

#### For cast-iron plug

8-pound sledge hammer, paint brush, small wood block, cast iron plug, rubber gasket, gasket lubrication

#### For cement plug

bucket, mixing tool, fiberglass insulation, cement



Measure approximately ten inches (10") from the top of the standpipe, and cut off the existing downspout.



**Please note:** A permit is required to perform this work. You can find information and the permit application form online at [www.ci.minneapolis.mn.us/cso](http://www.ci.minneapolis.mn.us/cso) or call the Rainleader Disconnect Program at 612-673-5711.



For more information, please visit our website at [www.ci.minneapolis.mn.us/cso](http://www.ci.minneapolis.mn.us/cso) or call the Rainleader Disconnect Program at 612-673-5711. This document is available online.

# 2

## Choose and Install Plug

### Cast Iron Plug



Fit the rubber gasket into the bell end of the standpipe.



Spread a thin layer of lubricant on the exposed surface of the gasket and the outside of the cast-iron plug.



Place the plug inside the top lip of the gasket. Use a wood block to protect the cast iron from the impact of the hammer.



Use an 8-pound sledgehammer and one solid strike to force the plug into the gasket. Use care, as cast iron may break with too much force.



### OR

### Cement Plug



Compress a bundle of fiberglass insulation and force it into the standpipe.



Firmly pack the insulation inside the pipe with a stick or tool down approximately six inches (6").



Mix the cement according to directions. Be sure to use protective gloves when working with cement.



Pour cement into the standpipe and form a smooth, crowned top.



Dispose of any remaining cement appropriately by placing in proper trash receptacle. **DO NOT** dump cement into gutters or storm drains.



# 3

## Install Elbow & Extension



Crimp **both** the end of the down-spout where you cut it off and the exposed end of the elbow so that it fits **inside** the downspout extension.

Slide the elbow over the end of the down-spout. Use three self-tapping screws to hold the elbow in place.



Place the new downspout extension on the elbow, directing water away from the building. It should extend at least 3' from the building foundation.

Generally, water should be directed toward the front or back of the property, not toward a neighboring building.

