



BASIC UNDERSTANDING TYPICAL DRAINAGE PROBLEMS



YARD AND STREET PONDING

Flooding outside of house.

- Possible causes include:**
- Blocked inlets in the street.
 - Undersized storm sewer.
 - Blockage of overland flood routes.
 - Poorly graded surfaces around

SEEPAGE

Water is seeping into the basement via cracks and/or due to an excess of moisture in the ground.

- Possible causes include:**
- Downspouts splashing too close to the house
 - Broken or blocked window well drains
 - Poorly graded surfaces around the house
 - Broken drainage tiles around foundation
 - High ground water in surrounding area

OVERFLOW

Water is flowing over into window wells and through basement windows, or out of sump pits.

- Possible causes include:**
- A build up of water around the opening of the window well.
 - Poor or blocked drainage outside.
 - Broken or blocked window well drains.
 - Sump pump not working properly

BACKFLOW

Water and/or waste, is flowing back up floor drains, sinks or toilets.

- Possible causes include:**
- Blockages in city sanitary/ sewer mains.
 - Sump pump or ejector pump failure.
 - Illegal connection of sump pump to city sanitary sewer.

