



## CWW's plumbing and drain services\* are extensive and all-inclusive:

### Wide Load

- Plumbing Services
- Drain Cleaning
- Tree Root Removal
- Frozen Pipe Thawing
- No-Dig Trenchless Technology
- Drain Inspection / Locating
- Hydrovacuum excavation & Water Main Services

\*Please visit our website [www.cwwcanada.com](http://www.cwwcanada.com) for additional details.

## HIGH PRESSURE DRAIN CLEANING

### Pass the Butter

In many cases the main cause of sewer backups is the infiltration of tree roots that penetrate all soil conditions and invade sewer pipes. Typically, tree roots form an intrusive root ball that blocks waste water flow and causes sewers to back up. If a foul odour emanates from the drains, the chances are tree roots have penetrated the sewer pipe system. However, with the application of CCTV technology CWW can accurately inspect a sewer system and exactly determine whether roots are the compromising culprit. Once identified, CWW deploys the right equipment to eliminate the infiltrating roots through high pressure water trucks that attain forceful pressures of 15,000 PSI. A high pressure water jet that attains pressures of this magnitude cuts through tree roots like a hot knife through butter.

### Never Never Land

When the job is completed CWW will provide the customer with a video of a root-free sewer pipe as part of its proprietary quality assurance measures. Then there's CWW's maintenance program that can initiate a visitation every six months or every year as may be required to inspect a particular sewer system for root infiltration and cleaning. Moreover, CWW can offer yet another option: provide a customer with a quote for the rehabilitation of a sewer system or drain through CIPP lining.

## CCTV INSPECTION AND DRAINLOCATING

### Snakes to Dye...For

The evolution of digital camera technology has made the identification and evaluation of compromised drains, sewer pipes and related plumbing infrastructures a precision-driven, exacting science. CWW's service van units are all equipped with snake CCTV video cameras and monitors complete with DVD recorders. In addition, CWW's snake cameras are built to withstand rough environments, can be inserted deep into the pipe, have the flexibility to navigate around sharp turns and bends, and penetrate drains as small as 3" in diameter. CWW can also deploy crawling cameras for larger pipe diameters, and has the additional equipment to pinpoint the exact location of drain pipes beneath flooring. Then there's dye testing used to locate the source of the connection to a drain or sewer. CWW pushes a camera into the main drain or clean-out, a dye tablet is flushed into the system, the bright coloured dye seeps into the drain and is visually captured by CWW's push camera to confirm the location of the connection. CWW also uses dye testing to determine the presence of a separate storm and sanitary sewer exit. Net: CWW's plumbing technicians are equipped with the equipment that will provide for a concise and effective recommendation for the right rehabilitation technique on site.



## DRAIN UNBLOCKING AND FLUSHING

### Taking Dining to a New Level

Along with the provision of fully integrated plumbing and sewer rehabilitation services to real estate development firms; general contractors; property management organizations; utilities; telecommunications; companies in the construction industry including customers involved in the development of roads, highway construction and reconstruction; CWW is also in demand for commercial dining establishments. For its restaurant customers CWW plumbing and drain services include one of the most important regular restaurant maintenance assignments: effectively flushing grease build-up from drains.

### Came. Saw. Conquered.

#### CWW will clean, unblock, thaw, pump, and high-pressure flush:

- Toilets, bath tubs, sinks, floor drains, roof drains
- Drains (including flushing and de-greasing)
- Sewers
- Grease interceptors
- Catch basins and manholes
- Pits (garage, sewage, and elevator)
- Plumbing vents and stacks

#### Concentrated Resources

Whether the need calls for a flusher with high flow, or a low pressure jet to remove sand, soap buildup and light debris, CWW has the exact equipment and the qualified crew to unblock drains, flush them, and pump them out quickly to enable business to move forward without undue delay.

## Revved Up and Ready

#### CWW equipment includes:

- Fully stocked and readied service trucks
- High pressure jetting system
- Pumper units
- Electric drain and sewer cleaning units
- Steamer
- Electric pipe thawing machines

## INSTALLATION AND REPLACEMENT OF FIXTURES

#### Home on the Range

CWW provides its customers with a comprehensive range of plumbing-related services including new installations, renovations (including washroom and [or] kitchen renovations), repairs, and maintenance. CWW also specializes in the repair and installation of the following fixtures:

#### Plumbing Fixtures:

- Toilets
- Sinks
- Bath Tubs
- Showers
- Bidets
- Faucets
- Hot Water Tanks

#### Piping Systems:

- Drain Pipes (plastic, cast iron, copper, and concrete)
- Water Pipes (copper, plastic, and galvanized steel)

#### Appliances (Installation)

- Dishwashers
- Refrigerators & Ice Makers
- Filtration Systems

#### Pumps

- Sump Pumps
- Sewage Pumps

#### Traps and Backflow Preventers

- Grease Interceptors
- Oil Interceptors
- Backflow Preventers