

Let's Talk

Safety

**A Series of 52 Talks
on Common Utility
Safety Practices**

2009



**American Water Works
Association**

Advocacy
Communications
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The Authoritative Resource on Safe Water[®]

Hypothermia: A Winter Safety Hazard

WEEK 49

Hypothermia is a life-threatening condition that occurs when the body loses heat faster than it can produce it. Remember, normal body temperature is approximately 98.6°F (37°C). When cold weather causes this temperature to go down, serious problems, even death, can result.

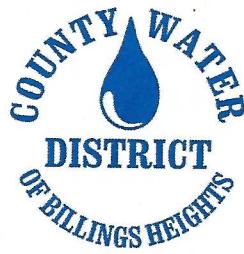
Symptoms of hypothermia include uncomfortable shivering, impaired speech, and awkward or clumsy body movements. If the condition becomes severe, muscles may become rigid, skin may turn dark and puffy, and the victim could become unconscious.

If you identify symptoms in yourself or someone you are with, take the following first-aid steps immediately.

- Get the victim (or yourself) to a warm location.
- Remove any wet clothing, belts, etc., that might restrict circulation.
- Warm the victim by wrapping him or her in blankets or immersing the person in a tub of warm water. Make sure the water is not too hot.

Frostbite

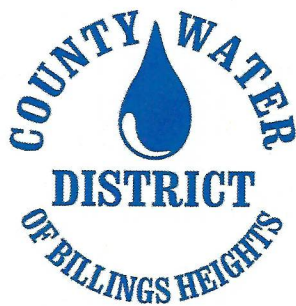
Frostbite is a common cold-weather injury. It occurs when the fluids and underlying soft tissue of the skin freeze. The most commonly affected areas are the nose, cheeks, ears, fingers, and toes. Frostbite is accelerated by wind and humidity.



Daily Trench Log

| | | |
|--|--------------|------------------|
| Site Location | | |
| Date | Time | Competent Person |
| Locate # | Trench Size | |
| Type of Protective System Used | | |
| Trench Box | Wood Shoring | Sloping Other |
| Trench Box Used | | |
| 4x8 New | 4x8 Old | 4x5 N/A |
| Purpose of Trenching | | |
| Drainage | Water | Gas Sewer Other |
| Were Visual Soil Test Made? | | Yes No |
| Were Manual Soil Tests Made? | | Yes No |
| Type of Soil? | | |
| Stable Rock | Type A | Type B Type C |
| Surface Encumbrances | | |
| If Yes, What type: | | |
| Trench Conditions | | |
| Wet | Dry | Submerged |
| Hazardous Atmosphere Exists: | Yes* | No |
| Is trenching or excavation exposed to public vehicular traffic (exhaust Emission): | Yes* | No |
| Is ladder within 25 feet of all workers: | Yes | No |
| Is excavated material stored two feet or more from edge of excavation? | Yes | No |
| Are employees exposed to public vehicular traffic? If yes, warning Vest required. | Yes | No |
| Are all other utilities Protected? (Water, Sewer, Gas or other structures) | Yes | No |
| Are Sewer or natural gas lines Exposed | Yes* | No |
| Periodic inspections made? | Yes | No |
| Did Employees receive training in excavating? | Yes | No |

*(If yes, Follow confined space entry policy; Complete Confined Space Entry Permit; Monitor for toxic gas(es))



SERVICE LINE REPAIR WORK ORDER

| | | | | | |
|---|---------------------|--------|------------------------|-------------|--------|
| ACCOUNT NUMBER | | | SERVICE ADDRESS | | |
| LOCATE NUMBER | | | DATE OF REPAIR | | |
| DESCRIPTION OF PROBLEM | | | | | |
| DISTRICT SIDE | | | | | |
| LINE SIZE | $\frac{3}{4}$ " CTS | 1" CTS | $\frac{3}{4}$ " IPS | 1" IPS | OTHER |
| OLD LINE TYPE | TUFFTUBE | COPPER | DRISCO | POLY | OTHER |
| WAS A NEW LINE PULLED? | | | | YES | NO |
| NEW LINE TYPE | | COPPER | DRISCO | PE4710 POLY | OTHER |
| WAS THE CURB STOP REPLACED? | | | | YES | NO |
| NEW CURBSTOP TYPE | | FLARE | | COMPRESSION | |
| WAS THE CURB BOX REPLACED? | | | | YES | NO |
| DEPTH OF CURB BOX | | | | FT | IN |
| CURB STOP MEASUREMENTS | | | | | |
| CORP INFO | COMP | FLARE | DIRECT TAP | SADDLE | COLLAR |
| DEPTH OF MAIN | | | | FT | IN |
| SIZE OF MAIN | | IN | TYPE OF MAIN | | |
| MAIN MEASUREMENTS* | | | | | |
| HOMEOWNER SIDE LINE SPECS | | | | | |
| LINE SIZE | $\frac{3}{4}$ " CTS | 1" CTS | $\frac{3}{4}$ " IPS | 1" IPS | OTHER |
| LINE TYPE | TUFFTUBE | COPPER | DRISCO | POLY | OTHER |
| OBSTRUCTIONS/PROBLEMS/ OTHER UTILITY CONFLICTS | | | | | |

*MAIN MEASUREMENTS FROM BACK OF CURB OR OTHER FIXED STRUCTURE