

A close-up photograph of a shovel's head stuck in dark, moist soil. The shovel head is silver and shows signs of use, with some dirt and a small hole. A bright yellow horizontal line is positioned above the text. The background is a blurred field of dark soil and some green grass.

DAMAGE PREVENTION

EXCAVATOR RESPONSIBILITIES

DIAL 811 BEFORE DIGGING

- ▶ Give clear & specific details of location of excavation (Site visit before calling)
- ▶ **WAIT 48 HOURS** (excluding Saturdays, Sundays and legal holidays)
- ▶ White-mark the area of excavation

LOCATOR RESPONSIBILITIES

- ▶ Facility operators must either mark the buried facility or provide an “**All Clear**” within 48 hours
- ▶ If necessary, the line locators will mark the approximate location of buried facilities, using paint, flags, stakes or a combination
- ▶ Locators may request “meet-sheet” on large ticket request (please cooperate on large request)

LOCATE MARKS



LOCATE MARKS



LOCATE MARKS AND FLAGS



NEVER ASSUME!



SIGNS OF LIFE



SIGNS OF LIFE



EXCAVATOR RESPONSIBILITIES

- ▶ If no marks are present, a “no response” request must be called in to the notification center. Locator is given 4 hours to respond.
- ▶ If marks have been destroyed, it is the excavator’s responsibility to call in for a new locate (be aware that other working crews on site may disturb existing marks)

DIG SAFELY, WITH CAUTION

- ▶ Visual check & take pictures (before digging)
- ▶ Utilize pre-excavation checklist
- ▶ Hand dig within 18 inch tolerance zone
- ▶ Use caution when probing for facilities
- ▶ Preserve & protect markings
- ▶ Facility depths change over time; excavator is responsible for “pot-holing” in order to determine the facility depth
- ▶ Pothole at the depth of the bore; there may be stacked facilities

PRE-EXCAVATION CHECKLIST



PRE EXCAVATION CHECK- LIST



Crew Foreman _____ One-Call Ticket # _____ Contact # _____ Date _____

Complete a pre-excavation walk-out of the entire job site. Your objective is to visually inspect the dig area to ensure all utilities are marked. Look for signs of utilities that may not be marked such as, above-ground pedestals, gas meters, man-hole covers, drains, or utility poles with cable risers. If you find these indicators and suspect that there is an unmarked utility **DO NOT PROCEED**. Notify One Call that an unidentified line has been discovered.

When you have completed your walk-out, complete the following check list:

1) Verify that the One-Call ticket covers the 'Scope of work' and 'Work to begin' date:

- ❖ I have verified the One-Call ticket covers the 'Scope of work'
- ❖ I have verified the One-Call ticket 'Work to begin' date

2) What marked utilities did you observe?

Gas (Yellow) Electric (Red) Telephone (Orange) Cable TV (Orange) Water (Blue) Sewer (Green)

3) Based on visual observation, did you see signs of any unmarked utilities? Yes No

❖ If Yes, please identify?

Gas (Yellow) Electric (Red) Telephone (Orange) Cable TV (Orange) Water (Blue) Sewer (Green)

❖ I have notified One Call of the unmarked Utility

4) Photograph the entire proposed work area including all locate marks.

- ❖ I have photographed the entire site prior to excavation
- ❖ I have photographed existing locate/markings

Advise your crew members of the following: If they have to cross a marked Utility they must **AND DIG ONLY** within 18" of the locate marks plus half the diameter of the buried facility

RESPECT THE MARKS!

HAND-DIG WITHIN 18 INCH TOLERANCE



DIG WITH CAUTION



VACUUM EXCAVATING



NEVER ASSUME!



NEVER ASSUME!



NEVER ASSUME!



NEVER ASSUME!



COSTLY DAMAGE



COSTLY DAMAGE



COSTLY DAMAGE



COSTLY DAMAGE



COSTLY DAMAGE



RESULTS OF A DAMAGED PHONE CABLE

- ▶ Blocked **Emergency 911** calls
- ▶ Homeland Security Interference
- ▶ Blocked internet, wireline, & wireless services
- ▶ Isolation of cities & towns; affecting neighborhoods, hospitals, emergency services, banks, schools, businesses, supermarkets, cellular towers, ATM's, etc. (**blocked calls can be life threatening**)
- ▶ Damage repairs and out of service cost can range from the hundreds to the thousands and even the hundred thousands! **\$\$**

RESULTS OF A DAMAGED GAS

- ▶ **Explosion**
- ▶ **Damage to Equipment**
- ▶ **Damage to pipes**
- ▶ **Loss of Life**

IF DAMAGE OCCURS TO A FACILITY

- ▶ Report it immediately
- ▶ Call the notification center – **811**
- ▶ Call the damaged facility
- ▶ If gas line is damaged a TDRF has to be filed with the RRC
- ▶ **DO NOT BACKFILL** (The longer it takes us to find the damage, the longer customers will be out of service, and the more it will cost the at-fault party)

DAMAGE INVESTIGATION



DAMAGE INVESTIGATION



FREQUENT PROJECT MEETINGS



QUESTION ALL MARKS THAT AREN'T CLEAR



DAMAGE PREVENTION COUNCIL



Why Should You Call?



Why Should You Call?



Why Should You Call?



Why Should You Call?



Your Suggestions & Questions
