

# New Hampshire Underground Damage Prevention Program



THE ONE CALL CONCEPTS BIKE © PAUL JR. DESIGNS



Presented by William Ruoff



# N. H. PUBLIC UTILITIES COMMISSION



**Underground  
Damage Prevention**

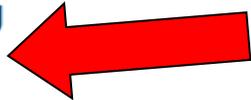
**Natural Gas, LP & Electric  
Safety & Security**



Enter Search Request  
  
Go

Home > Safety > Education and Training

## Education and Training



**www.puc.nh.gov/safety/  
education and training**

- [Excavator Manual](#) (Rev. 1-09)
- [Small LP Gas Systems Manual- April 2001 Edition](#) (OPS)
- [OQ Guide for Small Distribution Systems](#)
- NH PUC Model Propane Operating & Maintenance and Emergency Plans  
(The operator will need to enter the required information to complete the document)
  - Available in two formats: [MS Word](#) or [PDF](#)
- [Amilia's Law](#) - Effective January 1, 2007, all persons engaged in the installation, servicing and/or repair of gas fired appliances shall be licensed by the NH State Fire Marshal's Office ([RSA 153:27](#)).
  - [NH Plumbing and Mechanical Contractors](#) (Gas Licensing)
- Presentations from October 2005 LP Seminar (in PDF)
  - [192 & NFPA 58](#)
  - [LP RULES 2005](#)
  - [NH DIGSAFE Presentation](#)

Contact Information  
Online Safety Rules  
Safe Rules  
Report Forms  
Education and Training  
Priority  
Underground Damage  
Prevention  
...  
...  
...  
Communities Served  
...  
...  
Links Disclaimer

# 803.01 811 and Internet Entries as Notification Methods



**Dig Safe System, Inc.**

**1-888-DIG-SAFE MA - ME - NH - RI - VT**

[Home](#) | [Quick-Ticket](#) | [Company Info](#) | [Membership Info](#) | [Laws & Enforcement](#) | [Services](#) | [Contact Us](#)

- [New User Registration](#)
- [Quick-Ticket Entry](#)
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[Contractor Newsletter](#)

[Contractor ID Number](#)



**Know what's below.  
Call before you dig.**

# Key Elements for a **SAFE EXCAVATION**

**Plan Ahead**

**Premark**

**Obtain Dig Safe ticket**

**Wait 72 hours**

**Maintain the Marks**

**Excavate Carefully**

**Renew Ticket after 27 days**

**Notify of Damage**



# Are you excavating?

## What is excavation?

**“Excavation”**- *Any operation ... in which earth, rock or other material in the ground is moved, removed, or otherwise displaced by means of any tools, equipment or explosive, including but not limited to drilling, grading, boring, milling, trenching, tunneling, scraping, tree and root removal, cable or pipe plowing, fence or sign post installation, pile driving, wrecking, razing, rending or moving any structure or mass material... ”*

(Statute RSA374:48, Section III)

**Hand Digging is Not Exempt**



# Will you be on territory covered by the law?

Do you plan to excavate on:

- **Private Property**
- **Public Way**
- **Right-of-Way**
- **Easement**
- **Public Street or**
- **Any Other Public Place**



# Reason For Violations

- **No Dig Safe Ticket**
- **Incorrect Dig Safe Ticket**
- **Failure to Wait 72 Hours**
- **Failure to Maintain Marks**
- **Failure to Excavate Carefully**
- **Failure to Renew Dig Safe Ticket**
- **Assuming depth of facility**
- **Subcontractors not on ticket**



# ASSUME



Underground Surprises

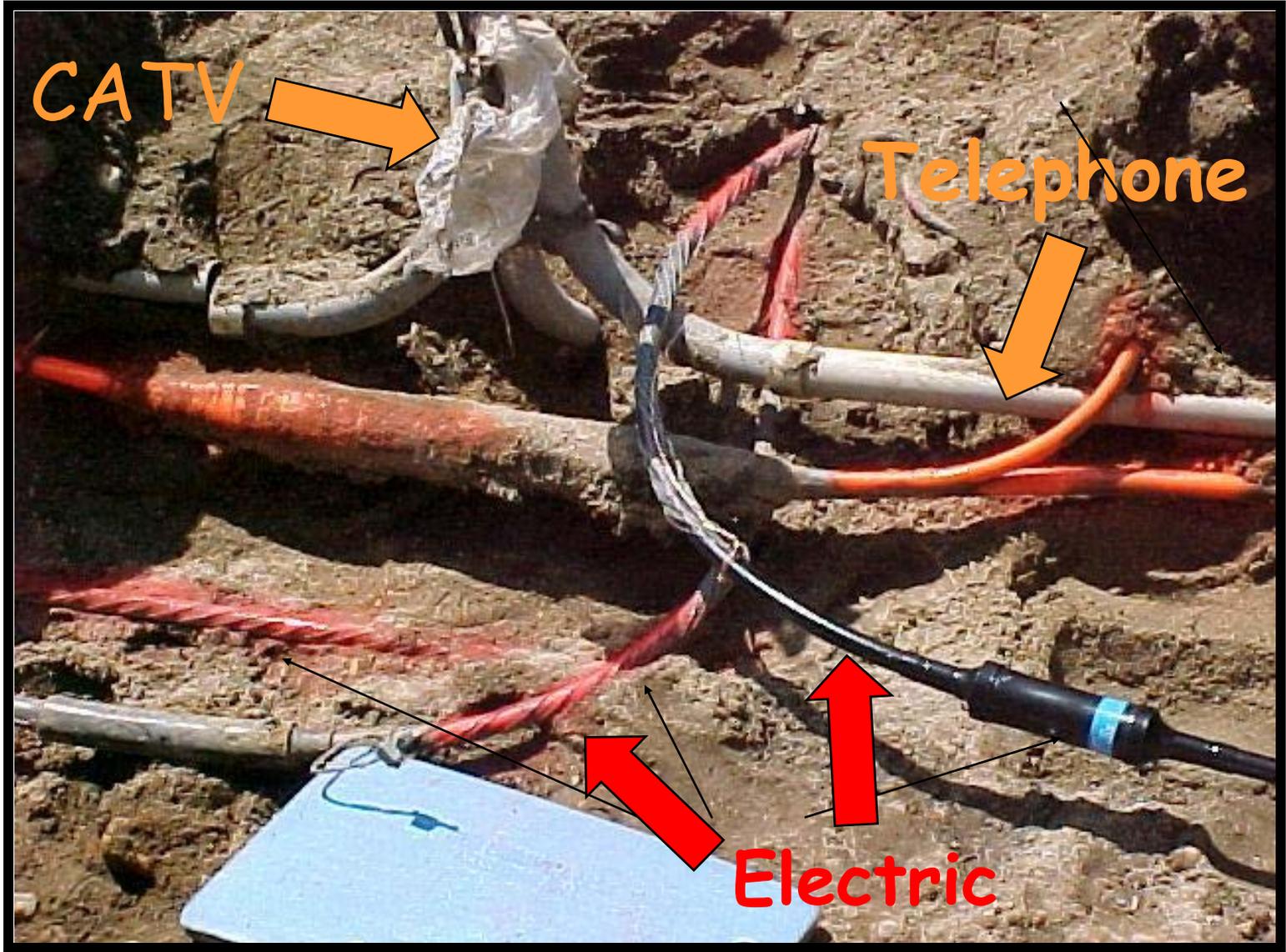
# **2008** Changes to NH Underground Damage Prevention Rules

- **Training for Locators** 804.03, 802.10
- **Newly Installed Facilities to be communicated to Excavators** 806.05
- **Positive Response** 804.02, 806.02
- **Expiration Dates on Tickets** 803.01
- **Notifications to 911 for certain Damages** 805.05
- **Reports of Damage from Excavators** 805.05
- **811 and Internet Entries as Notification Methods** 803.01
- **Trenchless Technology Reasonable Care Language** 805.02

# **2008** Revisions to NH Underground Damage Prevention Rules

- **Clarified Widths to be Marked** 806.03
- **Blasting Special Notifications** 805.04
- **Identification Standards** 806.03
- **Clarified Holidays** 802.09
- **Premarking use of white** 806.02





CATV



Telephone



Electric





**Poor Planning**

# ASSUME



# ASSUME



**Excavator digging a foundation addition.**

# ASSUME



**Owner digging trench in his front yard.**



# ASSUME



# ASSUME

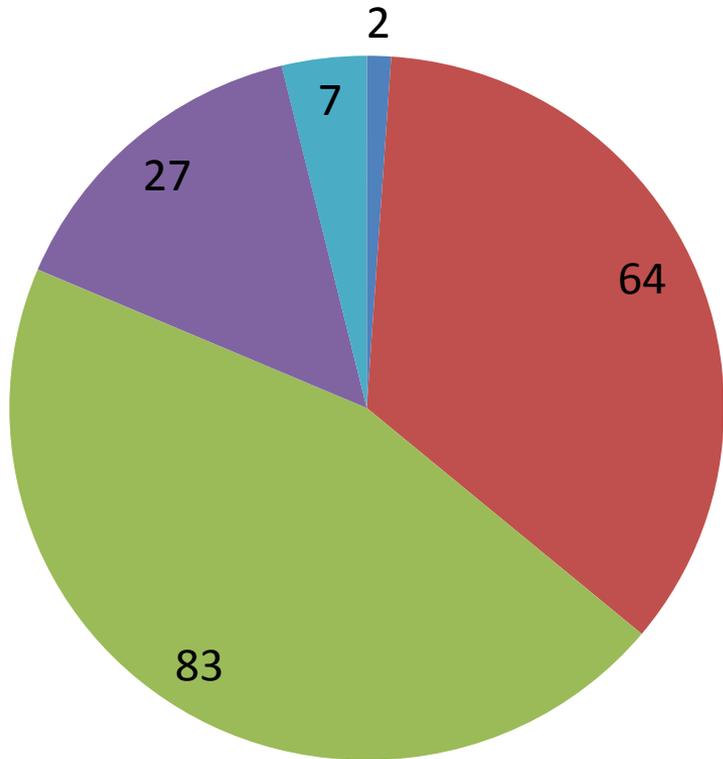


# Mandatory Reporting Requirements for all Damages

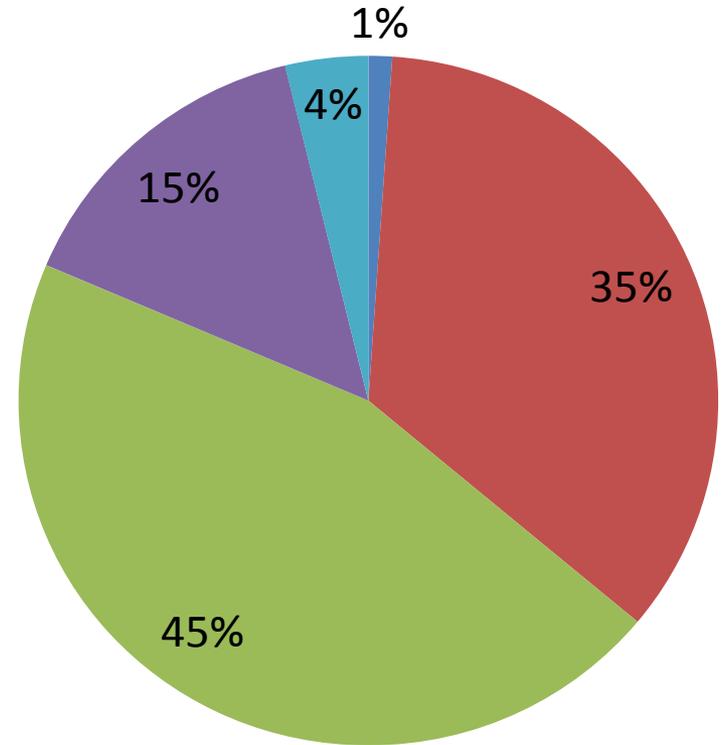
- How does this get accomplished?  
Writing, Phone, Fax, Email or Non Utility Report

<b>NEW HAMPSHIRE PUBLIC UTILITIES COMMISSION</b> <b>REPORT OF PROBABLE VIOLATION OF UNDERGROUND UTILITY</b> <b>REGULATIONS AND/OR DAMAGE TO UNDERGROUND FACILIITES</b> <b>Non-Utility Report</b>	
DATE:	<input type="text"/>
PERSON REPORTING:	<input type="text"/>
MAILING ADDRESS:	<input type="text"/>
CITY/TOWN & STATE:	<input type="text"/> ZIP: <input type="text"/>
TELEPHONE #:	<input type="text"/>
LOCATION OF INCIDENT:	<input type="text"/>
DATE OF INCIDENT:	<input type="text"/>
TIME OF INCIDENT:	a.m. <input type="text"/> p.m. <input type="text"/>
UTILITY COMPANY IMPACTED:	<input type="text"/>
EXCAVATION LOCATION:	IN A PUBLIC WAY <input type="checkbox"/> ON PRIVATE PROPERTY <input type="checkbox"/>
DAMAGE / INJURY:	YES <input type="checkbox"/> NO <input type="checkbox"/>
DESCRIBE THE REASON FOR THIS COMPLAINT:	
PLEASE CHECK ONE OR MORE OF THE FOLLOWING:	
1. DIG-SAFE NUMBER (if know n)	<input type="text"/>
2. Notification completed, location w as not marked	<input type="checkbox"/>
3. Pre-marked? YES	NO <input type="checkbox"/>
4. Operator's markings were incorrect	<input type="checkbox"/>
5. Facility operator failed to mark in a timely manner	<input type="checkbox"/>
6. Was the utility notified of the problems?	YES, please provide name of person spoken to: <input type="text"/>
	NO <input type="checkbox"/>
If additional remarks are necessary, or if you have pictures or other evidence to fully describe the incident referenced above please attach a separate sheet.	

# Enforcement Proceeding 2012

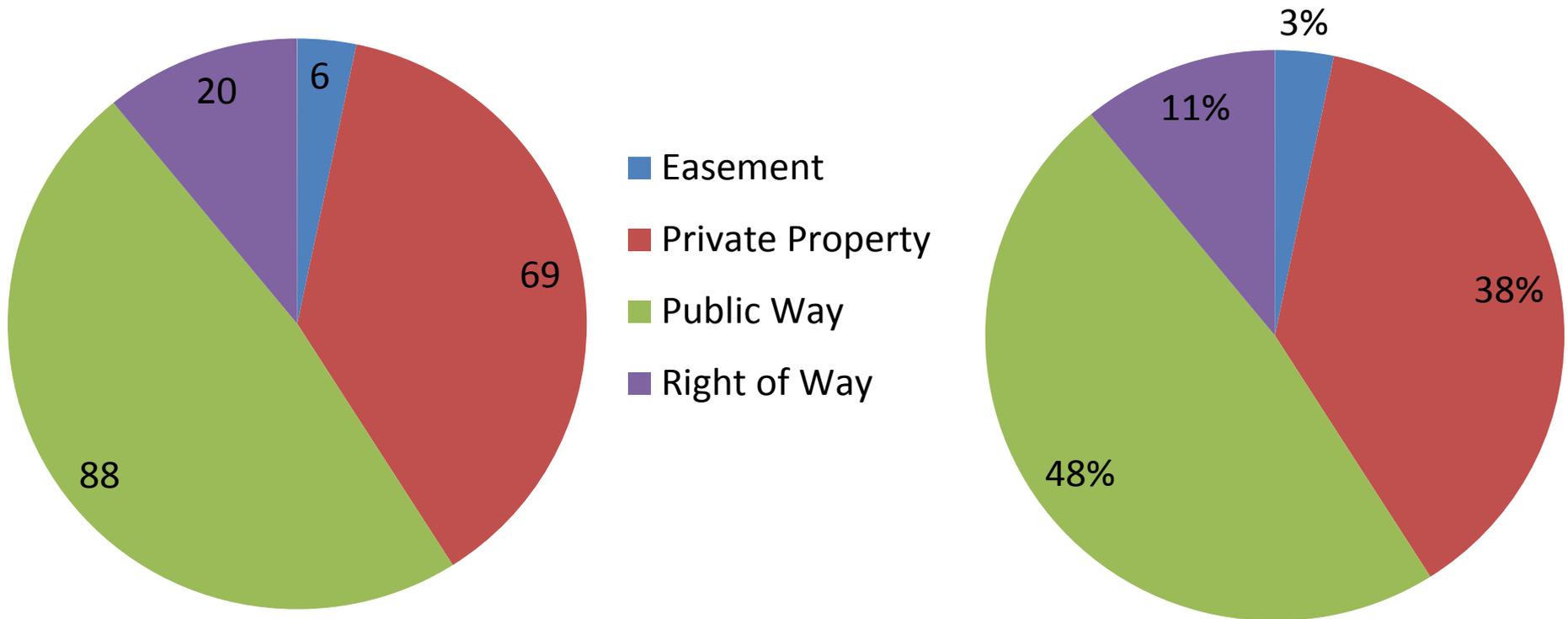


- Cable
- Electric
- Gas
- Phone
- Water



# Enforcement Proceeding 2012

## Property Location



# Enforcement Proceeding 2012

## Excavator and Operators

4	Notification Completed, marked, markings not maintained. (374:51), (374:53)
5	Notification completed, location was not marked. (374:55 IV)
30	Notification completed, marked, damage occurred. (374:51 V), (374:55 V)
3	Excavating outside the pre-marked area. (374:51 IV)
2	Excavation classified as Emergency Stituation. (374:50 III), (374:51 II)
41	Excavator failed to observe 18" Tolerance Zone. (374:55 VI)
7	Excavating on an expired ticket. (374:51 VI)
48	Procedures for notification not followed, Dig-Safe not notified. (374:51 I), (374:55 I)
5	Failure to notify of damage. (374:54), (374:55 VI)
38	Operator's markings were incorrect (374:53), (374:55 IV)

# New Hampshire

## EXCAVATOR MANUAL



Remember to Contact



*before you*  
Blast, Demo, Drill, Excavate

*What you don't know*  
CAN hurt you

It's easy.... **It's free....**

## It's the Law

Internet:

[www.digsafe.com](http://www.digsafe.com)

24 Hours a day, 7 days a week  
NO EMERGENCY CONTACTS

Phone:

**811**

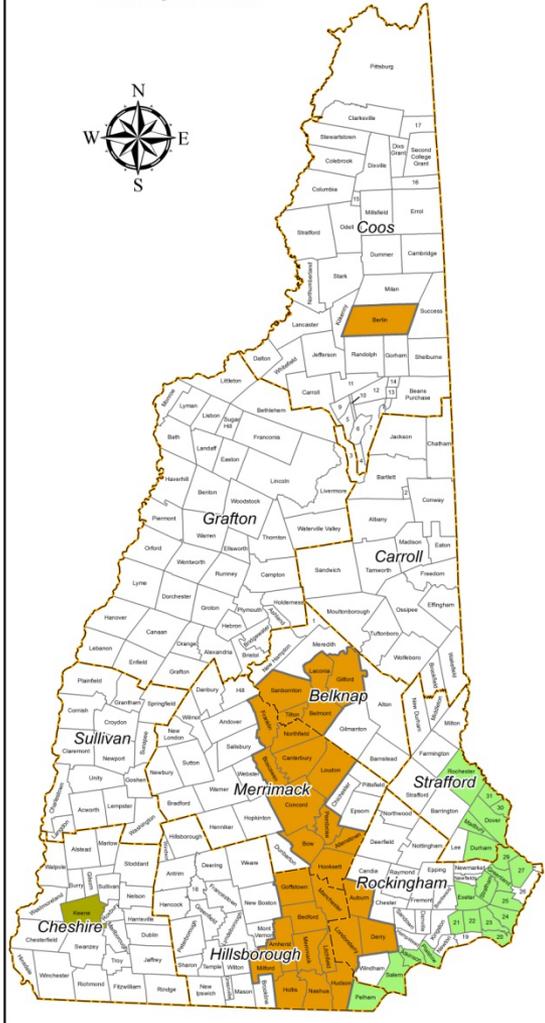
888-DIG-SAFE (888-344-7233)  
Monday thru Friday, 6:00 am to 6:00 pm

After 6:00 pm -  
EMERGENCY CALLS ONLY



# State of New Hampshire Gas Utility Franchise Areas

January 01, 2013



## Legend

- Service Areas**
- LIBERTY
  - NH GAS
  - NORTHERN UTILITIES

## State of New Hampshire Gas Utility Franchise Areas

### INDEX

- |   |                     |
|---|---------------------|
| <b>Belknap</b>                            | <b>Hillsborough</b> |
| 1 - Center Harbor                         | 18 - Bennington     |
| <b>Carroll</b>                            | <b>Rockingham</b>   |
| 2 - Hales Location                        | 19 - South Hampton  |
| 3 - Haris Location                        | 20 - Seabrook       |
| <b>Coos</b>                               | 21 - East Kingston  |
| 4 - Hadleys Purchase                      | 22 - Kensington     |
| 5 - Beans Grant                           | 23 - Hampton Falls  |
| 6 - Cutts Grant                           | 24 - Hampton        |
| 7 - Sargents Purchase                     | 25 - North Hampton  |
| 8 - Pinkhams Grant                        | 26 - Rye            |
| 9 - Crawford's Purchase                   | 27 - Portsmouth     |
| 10 - Chandlers Purchase                   | 28 - New Castle     |
| 11 - Low and Burbanks Grant               | 29 - Newington      |
| 12 - Thompson and Meserves Purchase       | <b>Strafford</b>    |
| 13 - Greens Grant                         | 30 - Rollinsford    |
| 14 - Martains Location                    | 31 - Somersworth    |
| 15 - Ervings Grant                        |                     |
| 16 - Wentworth Location                   |                     |
| 17 - Atkinson and Gilmanton Academy Grant |                     |

CITY/TOWN	TELEPHONE	CABLE	ELECTRIC	WATER	SEWER	GAS	LPG
ACWORTH	• FAIRPOINT		• LIBERTY • NHEC				
ALBANY	• FAIRPOINT	• TIME WARNER	• PSNH	• WILDWOOD			
ALEXANDRIA	• FAIRPOINT	• METROCAST	• NHEC • PSNH				
ALLENSTOWN	• FAIRPOINT	• COMCAST	• NHEC • PSNH • UNITIL			• LIBERTY	
ALSTEAD	• FAIRPOINT	• COMCAST	• LIBERTY • PSNH				
ALTON	• FAIRPOINT • UNION	• METROCAST	• PSNH • NHEC				
AMHERST	• FAIRPOINT	• COMCAST	• PSNH	• PENNICHUCK • PENNICHUCK EAST		• LIBERTY	• AMERIGAS PROPANE • EASTERN PROPANE • ENERGYNORTH • IRVING OIL • LIBERTY • RYMES • SUBURBAN PROPANE

# Assume



Don't take unnecessary chances

# Thank you and Dig Safely



**Know what's below.  
Call before you dig.**