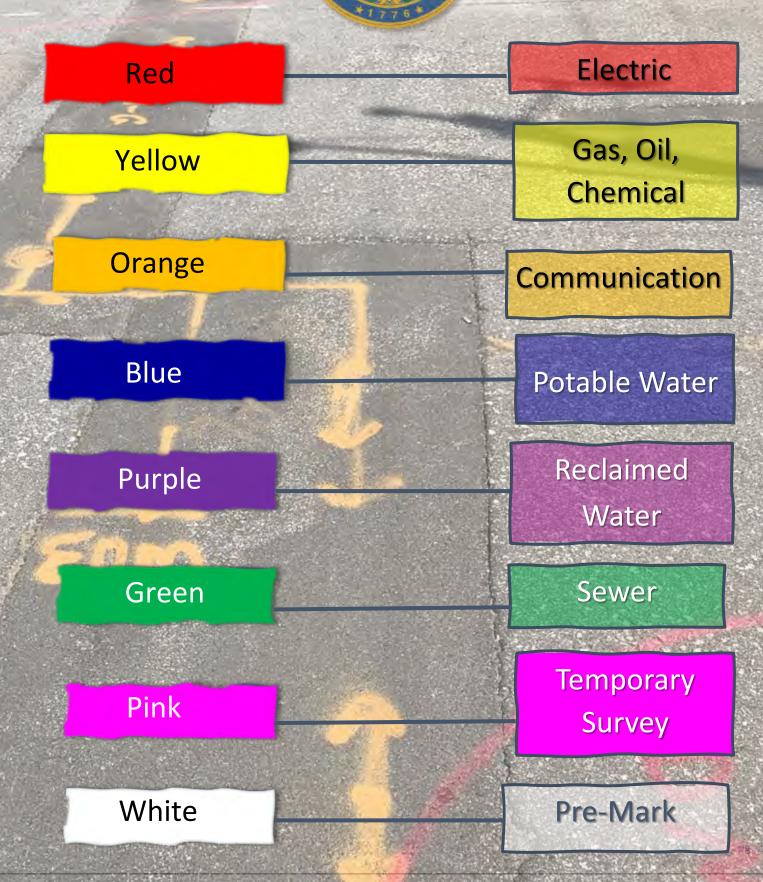
# NEW HAMPSHIRE 2023 EXCAVATOR MANUAL





# APWA UNIFORM COLOR CODE FOR MARKING UNDERGROUND UTILITY LINES



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Member Emergency Numbers	
GAS, OIL & PETROLEUM	
Granite State Gas Transmission	(800) 323-4410
Liberty Utilities (EnergyNorth)	
(Formerly National Grid)	(855) 327-7758 press 1
Maritime & Northeast	
Operating Co (M&N)	(888) 576-4634 press 1
Liberty Utilities Keene (formerly NH Gas)	(855) 327-7758 press 1
Portland Natural Gas Transmission System	(800) 830-9865
Portland Pipeline Corp (petroleum oil only)	(207) 767-3231
Kinder Morgan (formerly TGP)	(800) 231-2800 press 0
Unitil (Northern Utilities)	(866) 900-4115
ELECTRIC	
Liberty Utilities (Electric)	(800) 375-7413
NH Electric Cooperative	(800) 698-2007
Eversource Energy	(800) 662-7764
Unitil Energy Systems, Inc.	(800) 852-3339
(Formerly Exeter & Hampton Electric Co)	*Press 1 electric
	*Press 2 gas odor
TELECOMMUNICATIONS	
Comcast	(800) 556-9979 press 4
Consolidated Communications	(866) 984-1611 press 1
Consolidated Communications Northland (Formerly FairPoint Classic)	(866) 592-3763
Breezeline (formerly Atlantic Broadband)	(866) 382-3087
TDS Telecom (formerly Chichester Tel, Kearsarge Tel, Merrimack Tel, & Wilton Tel)	(888) 790-1216
Time Warner Cable	(800) 833-2253

WATER	
Aquarion Water Co.	(603) 926-3319
	*Press 2 daytime
	*Press 9 after hours
Concord General Services Water Dept.	(603) 228-2737
	*Weekdays 8-5
	(603) 225-8696
	*After-hours
Manchester Water Works	(603) 624-6494
Pennichuck Water Co (city of Nashua)	(603) 882-5191
Portsmouth Municipal Water (D.P.W.)	(603) 427-1530
	(or cell phone) (603) 817-3159
NOTE: This list of Emergency Numbers is NOT IN	NTENDED to be all inclusive.

NOTE: This list of Emergency Numbers is NOT INTENDED to be all inclusive. Also, this list was based on January 2023 information and is subject to change.

#### ADDITIONAL PHONE NUMBERS TO REMEMBER

# **State of New Hampshire Program Overview**

New Hampshire's Underground Damage Prevention Program protects excavators, utility operators and the public from the significant dangers associated with damage to buried gas, power, and other utility lines.

The New Hampshire Department of Energy is responsible for enforcing the underground utility damage prevention program within our state to ensure public safety and minimize damage to underground facilities.

New Hampshire is served by Dig Safe System, Inc., a not- for-profit corporation located in Wilmington, Massachusetts which also services the states of Maine, Massachusetts, Rhode Island, and Vermont as a Clearinghouse Center. Excavators are not charged for use of the system. Interested parties can apply for one of three types of memberships which are determined by trench miles of facilities and method of notification. Participation costs, as well as voting rights, are determined by the classification of membership. It is important to note that program costs are paid by the participating members.



The notification procedure is initiated by one of two methods:

- Call at 811 or 888-DIG-SAFE
- Online @ www.digsafe.com with your PC or mobile device



When you call Dig Safe a Customer Service Representative will ask for specific information relevant to the proposed excavation and enters the information into a computer database. Once the location has been identified in the database it will list the members having underground facilities in the area.

This information is reported to the excavator so that the excavator will know the type of facilities to be encountered and to whom they belong. The Customer Service Representative will issue the excavator a permit number specific to that notification and transmit the information to the members identified as having facilities in the vicinity of the excavation.

Dig Safe's normal operating hours are Monday through Friday, exclusive of holidays, from 6:00 am to 6:00 pm. During off hours, only emergency notifications are processed.

Another method of notification is known as Exactix allows the excavator to process routine Dig Safe tickets online 24 hours a day, 7 days a week after the excavator's initial registration. The excavator will be able to obtain their Dig Safe number, legal start date, and a list of members notified. By using Exactix, the excavator may print a copy of their Dig Safe ticket number. For more information on using Exactix or to obtain the excavator's password, go to: digsafe.com, click on Exactix, and then choose New User Registration.

#### Exactix MAY BE USED for EMERGENCY NOTIFICATIONS

# Preparing to call DigSafe System, Inc.

	Locate Re	quest Form	50		7	
Dig Safe Ticket #	Date_/		Time			
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# **Exactix (Electronic) Ticket**

#### Welcome to Exactix

Join the thousands of contractors who take advantage of online ticket with PC or Mobile Device. Exactix is available 24/7, and record keeping is easy with a printed confirmation of all your mark out requests.

#### A Message for Property Owners

Exactix is for professional excavators who are familiar with Dig Safe and apply for tickets regularly. PROPERTY OWNERS -MUST CALL 811 to request a utility mark out, so that a Dig Safe Representative can explain the process and answer any questions about our service. If you are requesting a mark-out for your own property, please call us at 811.

#### **Using Exactix**

You must provide the ADDRESS, INTERSECTION, or GIS/GPS COORDINATE of a location. You may also provide the street name, and a detailed description of where the work will be.

#### **Exactix Will NOT Accept**

Work that extends beyond 1320 feet (one quarter mile) from the street address, intersection or lat/long coordinates given. If the work is beyond 1320 feet, you must apply for the ticket by phone at 811, so a Dig Safe Representative can draw out the parameters of your work accordingly.

New Streets, Subdivisions and Condo Complexes: Please contact us at 811 for locations that are not reflected on the latest digital map. A Customer Service Representative must draw out these types of locations on the latest digital map to notify the appropriate utilities.

**Emergency Tickets** You must call 811or use Exactix to request an Emergency Dig Safe permit.

#### New Google Map Feature

Exactix includes a map feature that allows the user to see the area that they enter the system.

After you enter the location information, a pink highlighted area appears on the map. The pink area represents where the system will search for member utility companies to notify for requested markings.

Please understand that these highlighted areas are for Dig Safe's purposes only. It is a tool that enables the DigSafe Representative to identify the utility companies that need to be notified.

The excavator's dig location must be located within the pink area. However, you must still describe the scope of your job with your written description on the ticket, and with your pre- marks at the job site. Important Before starting, you must understand the Exactix instructions, rules, and limitations to be sure your excavation notices are transmitted successfully to the appropriate member utilities. Dig Safe will email a password to use Exactix after the following terms and conditions are met.



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Service Area	unity typeisi	Contect	Alternate Contact	Emergency Contact
TDS TELECOM - MET JHC * Principal	TELEPHONE	USIC LOC (808) 778-9140		
EVERSOURCE - ELECTRIC 115 * Principal	ELECTROC	USK LOC (809) 778-9140		
COMCAST - NH	CABLE TV. TELEPHONE	LISIC LOC (801) 778-9140		
A Principal	/	( and the state		
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is Dig Safe ticket expires	on:01/16/2022			
here may be non-membe lectric and other utilities i nes: he excavator is responsib	way not mark lines thi	y don't own or main	ain. You may need to hire a	a private company to locate these

# Some Key Elements for a Safe Dig

#### Plan ahead

Understand how long your project may take. Also, it is important to be aware of what underground utilities may be in your digging area.

#### Communicate w/both Members and Non-Members

There may be underground lines in your excavation that belong to entities who are currently exempt from Dig Safe membership, like municipalities. It is your responsibility to contact non-member companies directly.



Practice Reasonable Care: Exposing Underground Facilities by first using Hand Tools before Digging with a Machine.

#### Premark

Use white paint, stakes, or flags to define the location where you plan to dig. This helps the locating technicians to quickly identify where your project will take place and prevent unnecessary markings outside of your digging area.

- Obtain Dig Safe Ticket Call before you dig (<30 days prior to excavation) Tickets expire 30 days from the date of issue.
- Wait required time (72 hrs. excluding weekends & holidays) State law requires you to wait the full advance notice requirement of 72 hours. The member companies are required to respond within this time frame to locate their underground facilities in the area you intend to dig.

#### Maintain and understand the marks

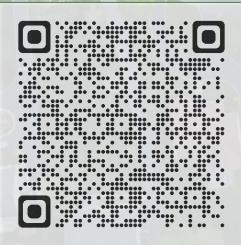
You are required to maintain the marks placed by member utility companies. If your marks are no longer visible, contact Dig Safe at 811 to request a remark.

#### Excavate carefully

If digging within 18 inches of a marked underground utility line, you must safely expose the facility by hand digging or by using vacuum excavation equipment.

- Renew Ticket after 27 days You will be issued a new Dig Safe Ticket number.
- Notify member utilities and NH Dept. of Energy of damages

You are required to submit an SNU-0401 in order to report any damage to underground facilities. This also allows you to give the New Hampshire Department of Energy as much information about the event as possible.



Report Damage by Scanning the Icon Above!



# **Recognize Unsafe Conditions**

- Treat contact with any electric line as an emergency regard- less of whether it appears undamaged, damaged, or severed. This includes contact with above ground high voltage lines.
- Electricity will arc or short to ground producing heat that is up to four times greater than the heat of the sun. At a minimum, it will burn skin and damage internal organs. High voltage electricity can arc significant distances through the air. Be aware of all above ground high voltage lines and keep any part of the equipment at least 10-feet away from overhead lines.

# Signs of Ruptured or Pulled Gas Lines

- Gas escaping from the pipeline (hissing sound, gas bubbling to the surface, unexplained dead vegetation on a right-of- way, natural gas smell).
- Fire, explosion, or natural disaster (earthquake, wash- out, lightning, etc.) involving or occurring near pipeline facilities.
- > Hazardous liquid (petroleum products) escaping from a pipeline
- Pools of liquid, blowing dirt, hissing sounds, vapor clouds, gaseous odors, bubbles in standing water, dead vegetation, and frozen soil or ice next to pipelines are all signs of a natural gas or petroleum leak and should be treated as an emergency.

### Know the Hazards

- Water under pressure can cause serious injury. Wastewater contains bacteria that can be a significant health risk. Sewer gas will ignite and burn.
- Wet or discolored soil is an indication of a water/sewer leak and should be treated as a potential emergency condition.

# Steps to Take if You Damage, Dislocate or Disturb an Underground Utility

#### A Natural Gas, Petroleum or Propane Line

- Stop work (turn off equipment if it can be done safely) and evacuate site.
- Avoid open flames or anything that might start a fire. Don't do anything that could cause a spark. Eliminate any source of ignition (cigarettes, matches, flint guns, welders, flashlights, electrical and electronic devices, motorized vehicles and equipment, cell phones or anything that could produce a spark or static electricity). Do not start motor vehicles or electrical equipment.
- > Notify the local Fire or Police Dept. Call 911.
- > Notify Gas Company Immediately
- Notify DigSafe
- Alert everyone on the premises. Evacuate the area and keep the public and traffic away. Tape, rope or place cones around the area.
- Stay upwind of blowing gas.
- Do not try to fix a gas pipe.
- > Do not try to extinguish a gas burning fire unless there is a threat to life.
- Report damage to NH Dept. of Energy (see page 9).

#### **A Fiber/Communications Line**

- > Stop excavation and secure the area for public safety.
- > Notify facility owner of the potential damage to copper/fiber cable.
- Do not examine or stare into broken/severed/disconnected fibers/fiber cable. If damage creates a concern, notify the local Fire or Police Dept. Call 911.
- Move a safe distance away from a damaged fiber system (always assume that a laser signal is present).
- Place warning or barricades around the fiber damage location to protect the public and other workers from exposure.
- > Do not view broken fiber cables with any optical instruments.
- Report damage to NH Dept. of Energy (see page 9)

#### **An Electric Line**

- Stop work immediately and warn all persons in the vicinity, including emergency and rescue personnel, that the ground and objects near the excavator and equipment around the point of contact may be energized.
- Contact the electrical utility operator and fire department immediately if a radio or phone is at hand. Otherwise, remain still and signal for help to relay a call for utility and emergency assistance.
- > Remain on the motorized equipment/vehicle.
- Personnel on the ground near the motorized equipment/ vehicle or point of contact should remain still with both feet together. Don't touch the excavator, nearby equipment, structures, or material.
- Evacuate the excavator and the area near the point of contact only after an official of the electric utility deems it safe to do so.
- If immediate evacuation is required due to threat of serious injury from fire, explosion, or another hazard.
- > Jump not step clear of the equipment and land with both feet together.
- Move a safe distance away (at least 25 to 30 feet) using short hops or shuffling steps to always keep both feet together.
- > Do not resume work until an electric utility representative confirms the site is safe.
- Report damage to NH Dept. of Energy (see page 9).

#### Sewer

#### Water

- Evacuate the area immediately and keep people out. Leaking water can fill a trench quickly making escape extremely difficult.
- Do not close valves to stop flooding. Closing the wrong valve may affect fire flows and/or possible contamination of water systems.
- Be careful of damaged high-pressure water lines because even the slightest scratch or vibration can cause pipelines to break.
- Move carefully around trenches with wet walls. Wet soil can easily cave in and cause suffocation.
- > Sewer gas is flammable; avoid open flames or anything that might start a fire.
- > Contact facility operator immediately to report the condition.
- Report damage to NH Dept. of Energy (see page 9).





# Don't Take the Last Scoop!

# If You Damage an Underground Facility

Any time an underground line is damaged, dislocated or disturbed, you should take photographs and/or videos of the area. Be sure to capture all pertinent information such as but not limited to:

- Premarks
- Locate Marks
- Exposed Facilities
- Damaged Facilities

### **Never Bury a Damaged Underground Facility!**

Even a minor scrape, nick, cut, tear, break, or dent should be reported to the facility owner immediately. If not promptly repaired, it could result in a future leak, service outage, explosion, accident, injury, or death. It is against the law to bury damaged facilities.

#### Excavators Must Report Damage to Underground Facilities to NH Dept. of Energy

Any time an underground line is damaged, dislocated or disturbed, you must file a Non-Utility Report with the NH Department of Energy. For a Non-Utility Report form (SNU-0401) go to the NH Dept. of Energy website: https://www.energy.nh.gov/. If filing a Non-Utility Report Form please email the form to safety@energy.nh.gov. Non Utilities (excavators) may also submit probable violations, reports of damage or both by contacting the Division of Enforcement via telephone, fax, email or mail.

# A Message for Excavators

This Includes all Homeowners, Landscapers, Blasters, Liquid Propane Companies, Municipal and Utility



companies.

An excavator is not just the excavating contractor with a backhoe; it's any person who uses a shovel or mechanized equipment to dig in the earth. This includes the homeowner working in his own front yard. If you are excavating below the ground surface, contact DIG SAFE!

#### If you are not sure, contact DIG SAFE at 811

or 888- DIGSAFE or <u>www.digsafe.com.</u> This is for your personal safety as well as that of the public. Far too often excavations occur within New Hampshire when an excavator isn't sure of the locations of underground facilities but digs anyway. Damages often result, and the liability associated with tearing into a gas line or an electric line potentially causing an injury, property damage or interruption of service to a major factory, highway, neighborhood, or mall complex is significant.

#### WHAT IS EXCAVATION?

Excavation is defined as any operation for the purpose of movement or removal of earth, rock, or other materials in or on the ground by use of mechanized equipment, including blasting.

# If you are excavating-- You Must have a Dig Safe Ticket.

**Excavation includes:** 

- The Demolition of Structures
- Cable or Pipe Plowing or Driving
- Setting Poles
- Reclamation Processes and Milling
- 🖀 Installing Sign Poles
- Boring Holes for Percolation Tests
- 🖀 Ditching

- 🕿 Auguring
- 🖀 Moving Earth
- 🖀 Drilling
- 🖀 Grading
- 🖀 Trenching
- 🖀 Digging
- 🖀 Scraping
- 🖀 Blasting
- 🖀 Dredging

# A Message for Homeowners

Digging on private property is subject to DIG SAFE rules. So, if you're not sure what's under the ground, notify DIG SAFE. In many instances utilities are not buried very deep and can be easily damaged, even with a hand shovel.

Either you; the homeowner, or the subcontractor excavating on your behalf must notify DIG SAFE. UNDERGROUND FACILITIES is the responsibility of the Homeowner for those situations in which another person is performing the excavation.

#### Tree Services and Landscapers

All landscapers, including irrigation installers need to know the official definition of Excavation as it appears in New Hampshire law reference RSA 374:48 III. It includes a phrase about tree and root removal and defines digging as an activity where "earth is moved or removed". It doesn't mention how much earth must be removed. It only takes a moment to be safe.





#### **Blasters**

Blasters TAKE NOTICE!! Blasting and other excavation activities involving explosives have new special requirements for notifications. 4 hours, 24 hours, or 72 hours must elapse prior to blasting, depending on the circumstance. This allows operators to take special precautions for protecting their underground facilities.

#### LP Companies

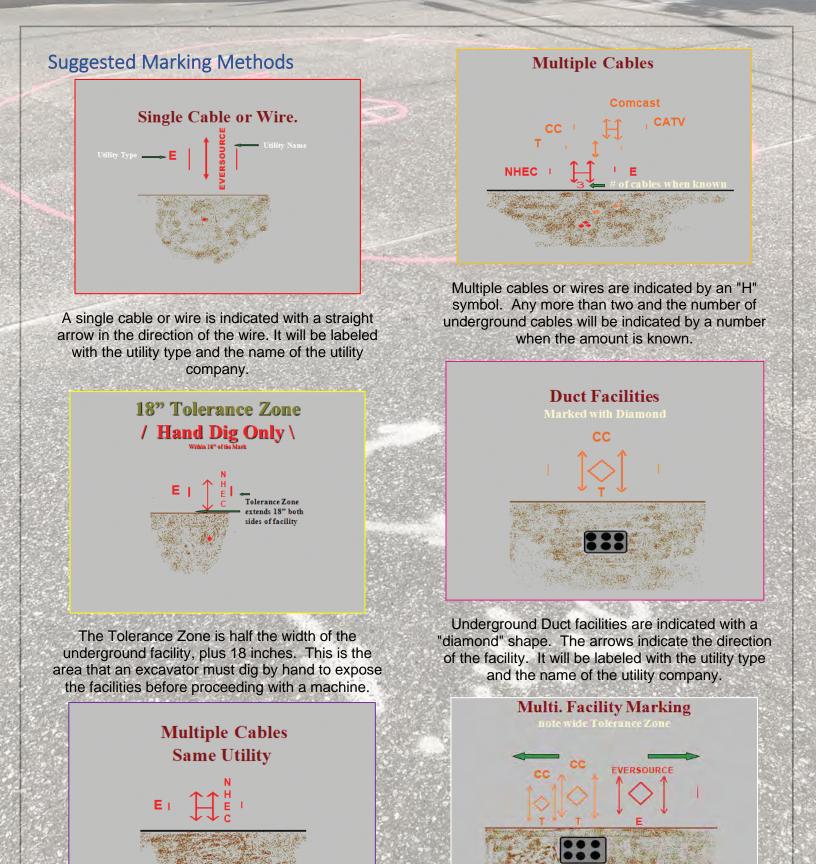
If you are setting an above ground propane container and intend to bury a line to a house or building, contact DIG SAFE if your planned trenching is within 100 ft of an underground facility.

#### **Municipals**

Too many municipalities believe they are exempt from having to contact DIG SAFE. Not so. If you intend to dig in your town, contact DIG SAFE before you do.

Activities include grading, clearing or installing culverts, re- constructing sewer, water or drainage lines. All require DIG SAFE notification.

Prior to issuing street opening permits, municipals should consider requiring excavators to obtain DIG SAFE Tickets.

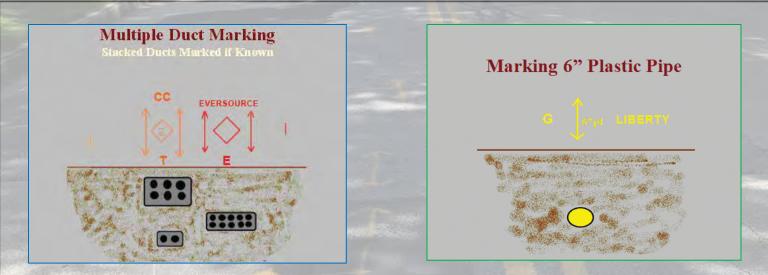


Multiple cables or wires are indicated by an "H"

symbol. Any more than two, and the number of

When Multiple Types of Underground Facilities are buried close together, the Tolorance Zoone will be underground cables will be indicated by a number. marked at either end of the marks.

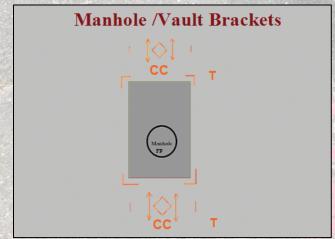
pg. 17



Multiple Ducts are indicated with the number of Ducts stacked if known.

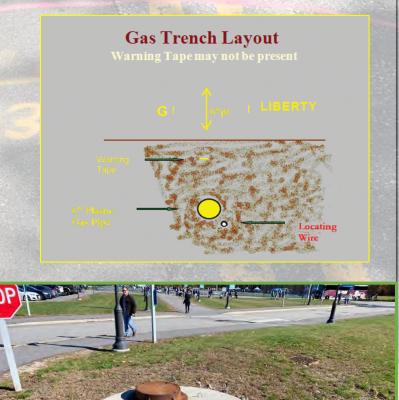


Offset marks should be used when there is a likelihood that the marking may be destroyed if placed over the underground facility.



Note that not every manhole cover is centered in a vault. And that not every vault is bracketed.

The Tracer Wire allows the mark-out of plastic pipes. The single arrow will indicate the direction of the underground facility.





# **Questions & Answers**

#### Q. Who is Dig Safe?

**A.** Dig Safe is a non-profit organization which takes information from the excavator and relays it to member underground facility operators.

#### Q. Does Dig Safe locate underground facilities?

**A.** No! The owners of underground facilities are responsible for ensuring that their facilities are properly marked.

#### Q. Do I have to notify anyone else besides Dig Safe?



**A.** In many cases, **yes**. Excavators are reminded not to begin excavation until all underground facilities have been marked, including those that might be operated by facility owners not participating in Dig Safe and, therefore, not notified of the excavation by Dig Safe.

Also, check with the municipality in which you intend to excavate as they may have underground facilities, or they may require a permit before digging in a public way. For updated city/town official contact list visit their web site shown below:

#### Q. Who enforces the Dig Safe Law?

A. The Division of Enforcement of the New Hampshire

Department of Energy

Q. If I have questions about Dig Safe, who can I contact?

A. Any questions and/or reports of any activity which could be a probable violation of the Dig Safe law can be addressed by contacting the following.



# **New Hampshire Department of Energy**

# **Division of Enforcement**

21 S. Fruit Street, Suite 10 Concord, NH 03301-2429

Phone (603) 271-3670

Fax (603) 271-6048

safety@energy.nh.gov

# Q. What is a Tolerance Zone?

A. The Tolerance Zone is a zone designated on the sur- face using standard color-coded markings which contains the width of the facility plus 18 inches on each side of the facility. Work performed in this zone should be done by other than mechanical means such that the facility will not be damaged.

# **Q.** Is it my fault if I damage a facility that was found to be shallow in depth?

**A. Yes!** The NH Underground Damage Prevention Program is depth blind. NH Statutes and Rules do not mention the term "depth". The depth of underground facilities can vary due to grading, landscaping, changes in road elevations and other variables.

therefore, excavators are cautioned that facilities may be shallower or deeper than are expected or than applicable codes may require. Shallow installation of facilities is never a valid reason for damage caused by an excavator.

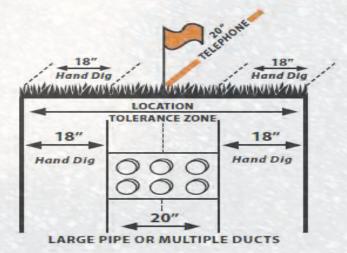
Also, excavators should be aware that estimates of facility depth given by locators, if given at all, are an indication of how deep the excavator can expect to dig, by hand, before encountering the facility.

# Q. What if my project is complex (i.e.: several streets, length of excavation or large intersection, etc.)?

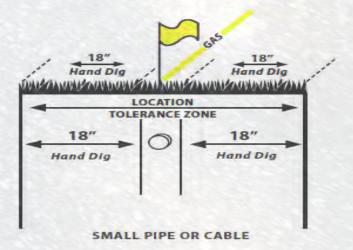
A. If your project is complex, notify DIG SAFE of proposed excavation and request a meeting with the operators who have underground facilities in the area to discuss marking of their lines.

# Q After I notify DIG SAFE of my intention to excavate, will all underground utilities be marked?

A. No. Utilities typically do not mark privatelyowned underground lines such as sprinkler systems, private water and sewer service lines or power lines to ga- rages, storage sheds, or even power lines from utility poles to the home etc. Reasonable efforts should be taken to identify and notify owners of private utility lines and allow them the opportunity to have their lines marked prior to commencing work.



# **TOLERANCE ZONE**



NOTEPAD		
	NOTEPAD	
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E-26 <b>ฉ.</b> How are viol	ations reported to the Dept	t.?			
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			Mail to the follow		
-mail:	safety@energy.nh.	<u>gov</u>			
JS Mail:	NH Dept. of Energy 21 S. Fruit St. Ste. Concord, NH 03301	10	ient		
ax:	(603) 271-6048				
NEGATIVE	underground utility regulations or damage	(In compliance with) Year: to underground facilities or		y last filed a report as required by	Puc 894.01.
EPORT DATE. Imold			GPS COORDINATES:		
OCATION OF VIOLATIC	N / DAMAGE:		Long:		
ddress:					-
			PUBLIC WAY	RIGHT OF WA	-
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ERSON REPORTING: (	Zip Code:	IY OTHER PARTY)	EASEMENT	PRIVATE PROPERT	-
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TYPE OF MARKING: 1

No

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Yes

PERSONAL INJURY:

DESCRIPTION OF INCIDENT:

# SNU-0401

**Q.** How are violations reported to the Dept. (continued)?

A. Excavators or the public may use the SNU-0401 form. (Example below)

#### Scan the Code Below to Download the SNU-0401 Form. Send via e-mail, fax, or US Mail to the following:

E-mail: <u>safety@energy.nh.gov</u>

US Mail: NH Dept. of Energy. Div. of Enforcement 21 S. Fruit St. Ste. 10 Concord, NH 03301-2429

Fax:

(603) 271-6048

10. Procedures for polification pot followed DIG-SAFE NOT NOTIFIED

PERSON REPORTING: (FACILITY OPERATOR, EXCAVATOR OR ANY OTHER PARTY)  AREA DODE 7 DIGIT NUMBER EXT.	Form SNU-0401	NEV	HAMPSHIRE DEPARTNE	T OF ENERGY			
NOIDENT DATE: (moldaplyr) IEPORT DATE: (mol	REPORT OF	PROBABLE VIOLATION OF UNDER	Non-Utility Re	port	E TO UNDERGROUND FA	CILITIES	
BEPORT DATE:       Implication         PERSON REPORTING:       (FACILITY OPERATOR, EXCAVATOR OR ANY OTHER PARTY)       AREA CODE       7 DIGIT NUMBER       EXT.         Name:       Home No.       Home No.       Home No.       Home No.       Home No.         USING:       Fac No.       Home No.       Home No.       Home No.       Home No.         USING:       Fac No.       Home No.       Home No.       Home No.       Home No.         USING:       Fac No.       Coll No.       Home No.       Home No.       Home No.       Home No.         USING:       Fac No.       Coll No.       Home No.		-	(in compliance with Put		1.00		Les.
Name: Home No.   Company: Fax No.   Chip: Fax No.   Chip: Fax No.   State: Fip Code:   UTILITY COMPANY IMPACTED:   View: Fax No.   View: Fax No.   Chip: Fax No.   UTILITY COMPANY IMPACTED: Impact Not Not Not Not Not Not Not Not Not No	REPORT DATE: (mo/day/yr)			(IME:	am.	-	1pm.
Company: If a point all is a second and a second and a second a se	PERSON REPORTING: (FACILITY OP	ERATOR, EXCAVATOR OR AN	Y OTHER PARTY)	AF	EA CODE 7 D	IGIT NUMBER	EXT.
Addrese: Chty: State:	Name:						
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	Address:			Fax No.			
UTILITY COMPANY IMPACTED: Was the utility notified of the problems? Vec., please provide name of person spoken to: No LOCATION OF VICLATION / DAMAGE: COCATION O	City:			Cell No.			
Nes the utility notified of the problems? Vest. please provide name of person cpoken to: No COCATION OF VIOLATION / DAMAGE: OPS COORDINATES: Long: Description Des	state: Zip Co						
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state:				Long:		Lat	
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PLEASE CHECK ONE OR MORE OF THE FOLLOWING:         1. Notification completed, marked, markings not maintained         2. Notification completed, marked, markings not maintained         3. Notification completed, location was not marked         4. Notification completed, marked, damage occurred         5. Excavating outside the pre-marked area         6. Excavation classified as EMERGENCY SITUATION         7. Excavator failed to observe 18-in. tolerance zone         8. Excavator failed to notify nomember facility operator	decoribe the incident referenced being	w, please attach a separate si	heet):		<b></b>		
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4. Notification completed, marked, damage occurred     5. Excavating outside the pre-marked area     6. Excavation classified as EMERGENCY 3ITUATION     7. Excavator failed to observe 19-in, tolerance zone     8. Excavator failed to notify nommember facility operator		the second s					
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8. Excavator failed to notify nonimember facility operator		ability and all the state of the state of the					
							:
9. Excavating on an expired ticket					•• •• ••	••••	••• •

# **Q.** How are locations of underground facilities marked?

**A.** Stakes, spray paint, flags or whiskers are used to identify the locations of underground facilities.

Color coding is used to identify the type of underground facility. Additional description may be provided by letters and arrows to indicate the specific utility, its location, and function.

RE D	ELECTRIC	E
YELLOW	GAS	G
YELLOW	OIL	PP
YELLOW	STE AM	ST
YELLOW	CHEMICAL	СН
ORANGE	TE LE PHONE	т
ORANGE	CABLE TV	τν
ORANGE	TRAFFIC CONTROL	тс
ORANGE	FIRE ALARM	FA
BLUE	WATER	w
PURPLE	RECLAIMED WATER	RW
GREEN	SEWER	s
GREEN	STORM SEWER	SS
GREEN	STORM DRAIN	SD
* WHITE	IDENTIFICATION FOR PROPOSED	
	EXCAVATION AREA	
* PINK	TEMPORARY SURVEY MARKINGS	

\*Pink may be used for premark during winter conditions when white premarks would not be visible due to snow.



The Division of Enforcement is happy to provide underground damage prevention training at **no charge**.

#### For more information, please contact:

- New Hampshire Dept. of Energy Division of Enforcement
- ▶ (603) 271-6532
- safety@energy.nh.gov

\* Pink may be used for premark during winter conditions when white premarks would not be visible due to snow.



# DIG SAFE SYSTEM, INC. NH MEMBER COMPANY LIST

#### (NH Member List Revised Jan 2023)

- AT & T
- ABENAKI WATER COMPANY
- ABENAKI WATER CARROLL
- ABENAKI WATER LAKELAND
- ABENAKI WATER TIOGA BELMONT
- ABENAKI WATER TIOGA GILFORD VILLAGE
- ALLEN & MATHEWSON ENERGY CORP
- ALLENSTOWN HIGHWAY DEPARTMENT
- ALLENSTOWN SEWER COMMISSION
- AMERIGAS CONWAY
- AMERIGAS CLAREMONT
- AMERIGAS LACONIA
- AMERIGAS LONDONDERRY
- AMERIGAS GREENLAND
- ANDROSCOGGIN VALLEY DISPOSAL DISTRICT
- AQUARION WATER CO
- ASHLAND ELECTRIC DEPT
- ATLANTIC BROADBAND (AE)
- ATLANTIC BROADBAND (ER)
- BEDFORD WASTE SERVICES CORP
- BEDFORD, TOWN OF SEWER
- BERLIN WATER WORKS
- BERLIN, CITY OF NH
- BODWELL WASTE SERVICE CORP
- BOW DEPARTMENT OF PUBLIC WORKS
- BRETTON WOODS TELEPHONE COMPANY
- BRIAR HYDRO ASSOCIATES
- CENTRAL HOOKSETT WATER PRECINCT
- CHALK POND WATER COMPANY NEWBURY
- CHARLESTOWN, TOWN OF HIGHWAY DEPARTMENT
- CHARLESTOWN, TOWN OF WATER & SEWER
- CIRADELLI FUEL COMPANY
- CLAREMONT PUBLIC WORKS
- COGSWELL SPRING WATER WORKS
- COMCAST (TV) (in MA & NH)
- COMCAST (AJ) (in MA, NH & VT)
- CONCORD MUNICIPAL SERVICES
- CONSOLIDATED COMMUNICATIONS (NB)
- CONSOLIDATED COMMUNICATIONS (NT) (ME & NH)
- CONWAY VILLAGE FIRE DISTRICT
- D F RICHARD, INC.
- DEAD RIVER COMPANY
- DOVER, CITY OF

- DUNBARTON TELEPHONE COMPANY
- DURHAM, PUBLIC WORKS
- EASTERN PROPANE & OIL CLAREMONT
- EASTERN PROPANE & OIL HUDSON
- EASTERN PROPANE & OIL LOUDON
- EASTERN PROPANE & OIL NORTH CONWAY
- EASTERN PROPANE & OIL ROCHESTER
- EASTERN PROPANE & OIL WOLFEBORO
- EASTMAN COMMUNITY ASSOCIATION
- EASTMAN VILLAGE DISTRICT
- EMERALD LAKE VILLAGE DISTRICT
- ENERGY NORTH PROPANE
- ENFIELD, TOWN OF
- ESTES OIL & PROPANE
- EVERSOURCE ENERGY (FORMERLY PSNH PS)
- FIRSTLIGHT (S109) (in ME & NH)
- FIRST LIGHT BAY RING
- FRANCONIA GAS CO
- FRANKLIN, CITY OF
- GILFORD, TOWN OF
- GOFFSTOWN DPW & SEWER
- GOFFSTOWN VILLAGE PRECINCT
- GORHAM WATER & SEWER DEPT
- GRANITE RIDGE ENERGY
- GRANITE STATE TELEPHONE
- GROTON WIND LLC
- HAFFNERS
- HAMPSTEAD AREA WATER CO
- HAMPTON, TOWN OF DPW
- HANOVER DPW
- HENNIKER WATER DEPARTMENT
- HINSDALE, TOWN OF
- HOOKSETT VILLAGE WATER DISTRICT
- HUCKLEBERRY PROPANE & OIL LLC
- HUDSON, TOWN OF
- IRVING ENERGY DISTRIBUTION & MANAGEMENT-LITTLETON
- IRVING OIL CONCORD
- IRVING OIL W LEBANON
- JAFFREY, TOWN OF
- KEENE GAS
- KEENE STATE COLLEGE
- KINDER MORGAN GAS (TENNESSEE GAS PIPELINE)

- LAKES REGION WATER COMPANY INC
- LEBANON PUBLIC WORKS
- LEMPSTER WIND LLC (IBERDROLA RENEWABLES)
- LIBERTY UTILITIES (ENERGY NORTH GAS)
- LIBERTY UTILITIES (GRANITE STATE ELECTRIC)
- LOCHMERE VILLAGE DISTRICT
- LOWER BARTLETT WATER PRECINCT
- MANCHESTER WATER WORKS
- MARITIME PIPELINE (NE)
- MCI
- MERIDEN VILLAGE WATER DISTRICT
- NEW HAMPSHIRE DOT
- NH ELECTRIC COOPERATIVE, INC
- NEW LONDON PUBLIC WORKS
- NEW LONDON-SPRINGFIELD WATER PRECINCT
- NEWINGTON, TOWN OF
- NEWPORT WATER & SEWER
- NORTH CONWAY WATER PRECINCT
- NOTTINGHAM, TOWN OF
- OSSIPEE WATER & SEWER
- OSTERMAN PROPANE ENERGY USA
- P GAGNON & SONS INC
- PALMER GAS CO INC
- PDNED GREENLAND LLC
- PEASE DEVELOPMENT AUTHORITY
- PEMBROKE WATER WORKS
- PENACOOK BOSCAWEN WATER PRECINCT
- PENNICHUCK WATER WORKS
- PITTSFIELD AQUEDUCT COMPANY
- PITTSFIELD WASTEWATER TREATMENT FACILITY
- PLYMOUTH STATE UNIVERSITY
- PORTLAND NATURAL GAS TRANSMISSION SYSTEM
- PORTLAND PIPELINE CORP
- PORTSMOUTH D.P.W
- PROULX OIL & PROPANE INC
- RINDGE DEPT OF PUBLIC WORKS
- RIVERMEAD
- ROCHESTER PUBLIC WORKS DEPARTMENT
- ROLLINSFORD WATER & SEWER DISTRICT
- RYE PUBLIC WORKS DEPT
- RYE WATER DISTRICT
- RYMES HEATING OIL, INC
- SALEM WATER DEPARTMENT
- SEABROOK, TOWN OF
- SOMERSWORTH DPW
- SOVERNET FIBER CORP

- SPRAGUE ENERGY CORP.
- SPRINT NEXTEL (in ME, MA, NH, RI & VT)
- SUBURBAN PROPANE BRENTWOOD
- SUBURBAN PROPANE FRYEBURG/WEST OSSIPEE
- SUBURBAN ENERGY LEBANON
- SUBURBAN PROPANE MILFORD
- TDS TELECOM CHICHESTER
- TDS TELECOM KEARSARGE
- TDS TELECOM UNION
- TDS TELECOM WILTON
- TDS TELECOM MCT
- TILTON NORTHFIELD AQUEDUCT COMPANY
- TIME WARNER CABLE BERLIN
- TIME WARNER CABLE CONWAY
- TIME WARNER CABLE KEENE
- TOWNSEND ENERGY
- UNH FACILITIES
- UNITIL GRANITE STATE GAS
- UNITIL NORTHERN UTILITIES (NP)
- UNITIL UNH GAS SYSTEM
- UNITIL ENERGY SYSTEMS CAPITAL (CE)
- UNITIL ENERGY SYSTEMS SEACOAST (EH)
- WATERVILLE VALLEY, DPW
- WAVEGUIDE, INC
- WEST SWANZEY WATER INC.
- WHITE MOUNTAIN OIL & PROPANE
- WHITE MOUNTAIN PAPER CO
- WHITEFIELD, TOWN OF
- WINDSTREAM
- WOODSTOCK, TOWN OF
- WOODSVILLE WATER & LIGHT DEPT
- YOUNGS PROPANE



# List of Utilities by City and Town

CITY/TOWN	TELEPHONE	CABLE	ELECTRIC	WATER	SEWER	GAS	LPG
ACWORTH	CONSOLIDATED COMMUNICATIONS		LIBERTY     NHEC				
ALBANY	CONSOLIDATED COMMUNICATIONS	TIME WARNER	EVERSOURCE	LAKES REGION WATER			
ALEXANDRIA	CONSOLIDATED COMMUNICATIONS	BREEZELINE	NHEC     EVERSOURCE				
ALLENSTOWN	CONSOLIDATED COMMUNICATIONS	COMCAST	NHEC     EVERSOURCE     UNITIL	PEMBROKE WATER WORKS	ALLENSTOWN SEWER COMMISSION	<ul><li>LIBERTY</li><li>KINDER MORGAN</li></ul>	DEAD RIVER CO.
ALSTEAD	CONSOLIDATED COMMUNICATIONS	COMCAST	LIBERTY     EVERSOURCE				
ALTON	CONSOLIDATED COMMUNICATIONS     TDS	BREEZELINE	NHEC     EVERSOURCE     MUNICIPAL	MUNICIPAL			RYMES     IRVING OIL
AMHERST	CONSOLIDATED COMMUNICATIONS	COMCAST	EVERSOURCE	PENNICHUCK WATER WORKS	COMMUNITY	LIBERTY	EASTERN PROPANE     ENERGYNORTH     IRVING OIL     LIBERTY     RYMES
ANDOVER	CONSOLIDATED COMMUNICATIONS     TDS	COMCAST	NHEC     EVERSOURCE	MUNICIPAL			
ANTRIM	CONSOLIDATED     COMMUNICATIONS     GST	COMCAST	EVERSOURCE	MUNICIPAL	MUNICIPAL		
	• TDS						



CITY/TOWN	TELEPHONE	CABLE	ELECTRIC	WATER	SEWER	GAS	LPG
ASHLAND	CONSOLIDATED COMMUNICATIONS	TIME WARNER	ASHLAND     ELECTRIC     NHEC	MUNICIPAL	MUNICIPAL		RYMES
ATKINSON	CONSOLIDATED COMMUNICATIONS	COMCAST	EVERSOURCE     UNITIL     LIBERTY	HAMPSTEAD AREA WATER CO.     PENNICHUCK EAST	ATKINSON AREA WASTEWATER RECYCLING	UNITIL	ENERGYNORTH     PALMER GAS
AUBURN	CONSOLIDATED     COMMUNICATIONS     GST	COMCAST	NHEC     EVERSOURCE	MANCHESTER WATER WORKS		LIBERTY	EASTERN PROPANE
BARNSTEAD	CONSOLIDATED     COMMUNICATIONS     TDS	BREEZELINE	NHEC     EVERSOURCE	PENNICHUCK EAST			HUCKLEBERRY PROPANE
BARRINGTON	CONSOLIDATED COMMUNICATIONS	BREEZELINE	EVERSOURCE				IRVIING OIL     EASTERN PROPANE     RYMES
BARTLETT	CONSOLIDATED COMMUNICATIONS	TIME WARNER	NHEC	LOWER BARTLETT     WATER PRECINCT     LAKES REGION     WATER			AMERIGAS PROPANE     EASTERN PROPANE
BATH	CONSOLIDATED COMMUNICATIONS	TIME WARNER     CHARTER     COMMUNICATIONS	NHEC     EVERSOURCE     WOODSVILLE     LIGHT     LIBERTY	MUNICIPAL			
BEAN'S GRANT	BRETTON WOODS		EVERSOURCE				
BEAN'S PURCHASE	CONSOLIDATED COMMUNICATIONS						

CITY/TOWN	TELEPHONE	CABLE	ELECTRIC	WATER	SEWER	GAS	LPG
BEDFORD	CONSOLIDATED COMMUNICATIONS	COMCAST	EVERSOURCE	MANCHESTER WATER WORKS     PENNICHUCK WATER WORKS	BEDFORD WASTE	LIBERTY	ENERGYNORTH EASTERN PROPANE RYMES IRVING OIL SUBURBAN PROPANE
BELMONT	CONSOLIDATED COMMUNICATIONS	BREEZELINE	NHEC     EVERSOURCE	ABENAKI     TIOGA RIVER     MUNICIPAL	ABENKAKI     MUNICIPAL	LIBERTY	PINETREE PLACE     EASTERN PROPANE     HUCKLEBERRY PROPANE     ENERGYNORTH
BENNINGTON	CONSOLIDATED     COMMUNICATIONS     TDS	COMCAST	EVERSOURCE	MUNICIPAL	MUNICIPAL		RYMES
BENTON	CONSOLIDATED COMMUNICATIONS		NHEC				
BERLIN	CONSOLIDATED COMMUNICATIONS	TIME WARNER	EVERSOURCE	BERLIN	BERLIN	LIBERTY PNGTS GORHAM PAPER & TISSUE AVRRDD (BIOGAS)	
BETHLEHEM	CONSOLIDATED     COMMUNICATIONS     BRETTON WOODS	TIME WARNER	LITTLETON WATER &     LIGHT     EVERSOURCE	• MUNICIPAL • ABENAKI	MUNICIPAL		STILES
BOSCAWEN	CONSOLIDATED     COMMUNICATIONS     TDS	COMCAST	EVERSOURCE     UNITIL	PENCOOK BOSCAWEN WATER PRECINCT	MUNICIPAL	LIBERTY	
BOW	DUNBARTON     CONSOLIDATED     COMMUNICATIONS	COMCAST	UNITIL     EVERSOURCE	ABENAKI     BOW     PENNICHUCK EAST	BOW	LIBERTY	ENERGYNORTH     IRVING OIL     RYMES
BRADFORD	TDS	TDS	EVERSOURCE				
BRENTWOOD	CONSOLIDATED COMMUNICATIONS	COMCAST	NHEC     EVERSOURCE     UNITIL			UNITIL	RYMES     SUBURBAN PROPANE

CITY/TOWN	TELEPHONE	CABLE	ELECTRIC	WATER	SEWER	GAS	LPG
BRIDGEWATER	CONSOLIDATED COMMUNICATIONS	BREEZELINE	• NHEC				
			<ul> <li>EVERSOURCE</li> </ul>				
BRISTOL	CONSOLIDATED	BREEZELINE	• NHEC	MUNICIPAL	MUNICIPAL		RYMES
	COMMUNICATIONS		EVRSOURCE				IRVING OIL
			EVROUNCE				SUBURBAN PROPANE
BROOKFIELD	CONSOLIDATED	TIME WARNER	• NHEC				
	COMMUNICATIONS		EVERSOURCE				
			<ul> <li>WOLFEBORO</li> </ul>				
			ELECTRIC				
BROOKLINE	CONSOLIDATED	CHARTER	EVERSOURCE				
	COMMUNICATIONS	COMMUNICATIONS					
CAMBRIDGE	CONSOLIDATED		EVERSOURCE				
	COMMUNICATIONS						
CAMPTON	CONSOLIDATED	TIME WARNER	• NHEC		COMMUNITY		
	COMMUNICATIONS			<ul> <li>COMMUNITY</li> </ul>			DEAD RIVER CO
			EVERSOURCE	<ul> <li>LAKES REGION WATER CO.</li> </ul>			SUBURBAN PROPANE
				WATER CO.			
CANAAN	CONSOLIDATED	COMCAST	<ul> <li>NHEC</li> </ul>	MUNICIPAL	MUNICIPAL		
	COMMUNICATIONS		<ul> <li>LIBERTY</li> </ul>				
CANDIA	CONSOLIDATED	COMCAST					
0/11/20/1	COMMUNICATIONS	e e line i e i	<ul> <li>NHEC</li> </ul>				EASTERN PROPANE
			EVERSOURCE				IRVING OIL
CANTERBURY	CONSOLIDATED	COMCAST	<ul> <li>NHEC</li> </ul>			LIBERTY	
	COMMUNICATIONS		EVERSOURCE				
CARROLL		TIME WARNER	UNITII     EVERSOURCE	ABENAKI			
	BRETTON WOODS\			• MUNICIPAI			
	CONSOLIDATED     COMMUNICATIONS						
CENTER HARBOR	CONSOLIDATED	BREEZELINE	NHEC		MUNICIPAL		DEAD RIVER CO
	COMMUNICATIONS						IRVING OIL

CITY/TOWN	TELEPHONE	CABLE	ELECTRIC	WATER	SEWER	GAS	LPG
CHANDLERS PURCHASE	BRETTON WOODS		EVERSOURCE				
CHARLESTOWN	CONSOLIDATED COMMUNICATIONS	COMCAST	LIBERTY NHEC	CHARLESTOWN	CHARLESTOWN		
			• EVERSOURCE				
CHATHAM	CONSOLIDATED COMMUNICATIONS		EVERSOURCE				
CHESTER	CONSOLIDATED     COMMUNICATIONS     GST	COMCAST	NHEC EVERSOURCE	HAMPSTEAD AREA WATER CO.     PENNICHUCK EAST			
CHESTERFIELD	CONSOLIDATED COMMUNICATIONS	COMCAST     ARGENT     COMMUNICATIONS	EVERSOURCE				AMERIGAS PROPANE
CHICHESTER	CONSOLIDATED     COMMUNICATIONS     TDS	COMCAST	EVERSOURCE     UNITIL				EASTERN PROPANE     RYMES
CLAREMONT	CONSOLIDATED COMMUNICATIONS	COMCAST	NHEC     EVERSOURCE	MUNICIPAL	MUNICIPAL		RYMES DEAD RIVER CO EASTERN PROPANE IRVING OIL SUBURBAN PROPANE
CLARKSVILLE	CONSOLIDATED COMMUNICATIONS		NHEC     EVERSOURCE				





CITY/TOWN	TELEPHONE	CABLE	ELECTRIC	WATER	SEWER	GAS	LPG
COLEBROOK	DIXVILLE     CONSOLIDATED     COMMUNICATIONS	FIBERCAST	NHEC     EVERSOURCE	MUNICIPAL	MUNICIPAL	PNGTS	
COLUMBIA	CONSOLIDATED COMMUNICATIONS	FIBERCAST	NHEC     EVERSOURCE			PNGTS	
CONCORD	CONSOLIDATED COMMUNICATIONS	COMCAST	EVERSOURCE     UNITIL	CONCORD	CONCORD	LIBERTY	RYMES     EASTERN PROPANE     SUBURBAN PROPANE     HUCKLEBERRY PROPANE
CONWAY	CONSOLIDATED COMMUNICATIONS	TIME WARNER	EVERSOURCE     NHEC	<ul> <li>FOREST EDGE</li> <li>FRYEBURG</li> <li>LAKES REGION WATER CO.</li> <li>MUNICIPAL</li> <li>NORTH CONWAY WATER PRECINCT</li> </ul>	MUNICIPAL		AMERIGAS PROPANE     EASTERN PROPANE     RYMES     WHITE MOUTAIN
CORNISH	CONSOLIDATED     COMMUNICATIONS     TDS	COMCAST	LIBERTY     NHEC     EVERSOURCE				
CRAWFORD'S PURCHASE	BRETTON WOODS		EVERSOURCE	ABENAKI			
CROYDON	CONSOLIDATED COMMUNICATIONS		EVERSOURCE     NHEC				
DALTON	CONSOLIDATED COMMUNICATIONS	TIME WARNER	EVERSOURCE				
DANBURY	CONSOLIDATED COMMUNICATIONS	COMCAST	NHEC     EVERSOURCE				

CITY/TOWN	TELEPHONE	CABLE	ELECTRIC	WATER	SEWER	GAS	LPG
DANVILLE	CONSOLIDATED COMMUNICATIONS	COMCAST	NHEC     EVERSOURCE     UNITIL	HAMPSTEAD AREA WATER CO.			
DEERFIELD	CONSOLIDATED COMMUNICATIONS	BREEZELINE	NHEC     EVERSOURCE				EASTERN PROPANE     PALMER GAS
DEERING	CONSOLIDATED     COMMUNICATIONS	COMCAST	EVERSOURCE				
DERRY	GST     CONSOLIDATED     COMMUNICATIONS     GST	COMCAST	LIBERTY     NHEC     EVERSOURCE     UNITIL	MANCHESTER WATER WORKS     MUNICIPAL     PENNICHUCK EAST     PENNICHUCK WATER WORKS	MUNICIPAL	LIBERTY	ENERGYNORTH     EASTERN PROPANE     PALMER GAS     SUBURBAN PROPANE
DIXVILLE	DIXVILLE     CONSOLIDATED     COMMUNICATIONS		NHEC	WURKS			
DORCHESTER	CONSOLIDATED COMMUNICATIONS	TIME WARNER	NHEC				
DOVER	CONSOLIDATED COMMUNICATIONS	COMCAST	EVERSOURCE	DOVER	DOVER	UNITIL     GRANITE STATE	
DUBLIN	CONSOLIDATED COMMUNICATIONS		EVERSOURCE				
DUMMER	CONSOLIDATED COMMUNICATIONS		EVERSOURCE			PNGTS	
DUNBARTON	DUNBARTON     CONSOLIDATED     COMMUNICATIONS		EVERSOURCE     UNITIL				
DURHAM	CONSOLIDATED COMMUNICATIONS			UNH FACILITIES			
EAST KINGSTON	CONSOLIDATED COMMUNICATIONS	COMCAST	UNITIL	HAMPSTEAD AREA WATER CO.			HAFFNER'S PROPANE
EASTON	CONSOLIDATED COMMUNICATIONS		EVERSOURCE				
EATON	CONSOLIDATED COMMUNICATIONS	TIME WARNER					
EFFINGHAM	CONSOLIDATED COMMUNICATIONS	TIME WARNER	EVERSOURCE				

CITY/TOWN	TELEPHONE	CABLE	ELECTRIC	WATER	SEWER	GAS	LPG
ELLSWORTH	CONSOLIDATED COMMUNICATIONS		NHEC				
ENFIELD	CONSOLIDATED COMMUNICATIONS	COMCAST		ENFIELD	ENFIELD		DEAD RIVER
EPPING	CONSOLIDATED COMMUNICATIONS	COMCAST			MUNICIPAL	UNTIL	
EPSOM				MUNICIPAL			
ERROL	CONSOLIDATED COMMUNICATIONS		EVERSOURCE	MUNICIPAL	MUNICIPAL		
EXETER	CONSOLIDATED COMMUNICATIONS	COMCAST	UNITIL     EVERSOURCE	PENNICHUCK EAST     MUNICIPAL	MUNICIPAL	UNITIL     GRANITE STATE     NORTHERN     UTILITIES	
FARMINGTON	CONSOLIDATED     COMMUNICATIONS     TDS	BREEZELINE	NHEC     EVERSOURCE	MUNICIPAL	MUNICIPAL		EASTERN PROPANE
FITZWILLIAM	CONSOLIDATED COMMUNICATIONS	ARGENT COMMUNICATIONS	EVERSOURCE	MUNICIPAL			
FRANCESTOWN	CONSOLIDATED     COMMUNICATIONS     TDS	COMCAST	EVERSOURCE	MUNICIPAL			
FRANCONIA	CONSOLIDATED COMMUNICATIONS	TIME WARNER	EVERSOURCE	MUNICIPAL			



CITY/TOWN	TELEPHONE	CABLE	ELECTRIC	WATER	SEWER	GAS	LPG
FRANKLIN	CONSOLIDATED COMMUNICATIONS	BREEZELINE	NHEC     EVERSOURCE	FRANKLIN	FRANKLIN	LIBERTY	
FREEDOM	CONSOLIDATED COMMUNICATIONS	TIME WARNER	NHEC     EVERSOURCE	LAKES REGION WATER CO.     MUNICIPAL			
FREMONT	CONSOLIDATED     COMMUNICATIONS     GST	COMCAST	NHEC     EVERSOURCE	HAMPSTEAD AREA WATER CO.			EASTERN PROPANE
GILFORD	CONSOLIDATED COMMUNICATIONS	BREEZELINE	NHEC     EVERSOURCE	LAKES REGION WATER CO. <i>MUNICIPAL</i> TIOGA RIVER     ABENAKI	MUNICIPAL	LIBERTY	EASTERN PROPANE     ENERGYNORTH     IRVING OIL     RYMES     DEAD RIVER CO
GILMANTON	CONSOLIDATED     COMMUNICATIONS     TDS	BREEZELINE	NHEC     EVERSOURCE				
GILSUM	CONSOLIDATED COMMUNICATIONS	COMCAST	EVERSOURCE				
GOFFSTOWN	DUNBARTON     CONSOLIDATED     COMMUNICATIONS	COMCAST	EVERSOURCE	MANCHESTER WATER WORKS     GRASSMERE     MUNICIPAL     GOFFSTOWN	GOFFSTOWN	LIBERTY	EASTERN PROPANE     RYMES     IRVING OIL
GORHAM	CONSOLIDATED COMMUNICATIONS	TIME WARNER	EVERSOURCE	GORHAM	GORHAM	PNGTS     PORTLAND     PIPELINE (OIL)	IRVING OIL
GOSHEN	CONSOLIDATED COMMUNICATIONS		NHEC     EVERSOURCE				





CITY/TOWN	TELEPHONE	CABLE	ELECTRIC	WATER	SEWER	GAS	LPG
GRAFTON	CONSOLIDATED COMMUNICATIONS		LIBERTY NHEC EVERSOURCE				
GRANTHAM	CONSOLIDATED COMMUNICATIONS	COMCAST	EVERSOURCE	EASTMAN VILLAGE DISTRICT	EASTMAN VILLAGE DISTRICT		DEAD RIVER CO     IRVING OIL
GREEN'S GRANT	CONSOLIDATED COMMUNICATIONS		EVERSOURCE				
GREENFIELD	CONSOLIDATED     COMMUNICATIONS     TDS		EVERSOURCE				IRVING OIL     ENERGYNORTH
GREENLAND	CONSOLIDATED COMMUNICATIONS	COMCAST	EVERSOURCE     UNITIL	PORTSMOUTH WATER DEPT.		<ul> <li>UNITIL</li> <li>GRANITE STATE</li> <li>M&amp;N</li> </ul>	AMERIGAS PROPANE     DOWNEAST ENERGY     EASTERN PROPANE
GREENVILLE	CONSOLIDATED COMMUNICATIONS	COMCAST	EVERSOURCE	MUNICIPAL	MUNICIPAL		
GROTON	CONSOLIDATED COMMUNICATIONS	TIME WARNER	NHEC				
HADLEY'S PURCHASE	CONSOLIDATED COMMUNICATIONS						
HALES LOCATION	CONSOLIDATED COMMUNICATIONS		NHEC				

CITY/TOWN	TELEPHONE	CABLE	ELECTRIC	WATER	SEWER	GAS	LPG
HAMPSTEAD	CONSOLIDATED COMMUNICATIONS	COMCAST	• EVERSOURCE	HAMPSTEAD AREA WATER CO.			ENERGYNORTH
			UNITIL				EASTERN PROPANE
							DEAD RIVER CO
							PALMER GAS
HAMPTON	CONSOLIDATED COMMUNICATIONS	COMCAST	EVERSOURCE	AQUARION	MUNICIPAL	• UNITIL	SUBURBAN PROPANE
	COMMONICATIONS					<ul> <li>NORTHERN</li> </ul>	EASTERN PROPANE
						UTILITIES	
HAMPTON FALLS	CONSOLIDATED COMMUNICATIONS	COMCAST	UNITIL			UNITIL	AMERIGAS PROPANE
							DF RICHARD ENERGY
HANCOCK	CONSOLIDATED     COMMUNICATIONS	COMCAST	EVERSOURCE	MUNICIPAL			
	• TDS						
HANOVER	CONSOLIDATED COMMUNICATIONS	COMCAST	LIBERTY	HANOVER WATER DEPT.	MUNICIPAL		IRVING OIL
	commonio/mone		NHEC	DEI T.			AMERIGAS PROPANE
			EVRSOURCE				
HARRISVILLE	CONSOLIDATED COMMUNICATIONS	FIBERCAST	EVERSOURCE				
HART'S LOCATION	CONSOLIDATED COMMUNICATIONS		NHEC				
HAVERHILL	CONSOLIDATED COMMUNICATIONS	CHARTER COMMUNICATIONS	NHEC	MUNICIPAL	MUNICIPAL		
			EVERSOURCE				
			WOODSVILLE LIGHT				
HEBRON	CONSOLIDATED COMMUNICATIONS	BREEZELINE	NHEC				IRVING OIL
		•	EVERSOURCE				
HENNIKER	TDS	COMCAST	EVERSOURCE	COGSWELL SPRING WATER	MUNICIPAL		

CITY/TOWN	TELEPHONE	CABLE	ELECTRIC	WATER	SEWER	GAS	LPG
HILL	CONSOLIDATED COMMUNICATIONS	COMCAST	NHEC     EVERSOURCE	MUNICIPAL			
HILLSBOROUGH	• GST • TDS	COMCAST	EVERSOURCE	EMERALD LAKE     VILLAGE DISTRICT     MUNICIPAL	MUNICIPAL		AMERIGAS PROPANE     EASTERN PROPANE     IRVING OIL
HINSDALE	CONSOLIDATED COMMUNICATIONS	COMCAST	EVERSOURCE	MUNICIPAL	MUNICIPAL		AMERIGAS PROPANE
HOLDERNESS	CONSOLIDATED COMMUNICATIONS	TIME WARNER	NHEC				EASTERN PROPANE     RYMES
HOLLIS	CONSOLIDATED COMMUNICATIONS     TDS	CHARTER COMMUNICATIONS	EVERSOURCE	PENNICHUCK WATER WORKS		LIBERTY	ENERGYNORTH     IRVING OIL SUBURBAN PROPANE
HOOKSETT	CONSOLIDATED COMMUNICATIONS	COMCAST	EVERSOURCE	HOOKSETT     VILLAGE WATER     DIST.     MANCHESTER     WATER WORKS     PENNICHUCK EAST     MUNICIPAL	MUNICIPAL	LIBERTY     KINDER     MORGAN	EASTERN PROPANE     AMERIGAS PROPANE     IRVING OIL
HOPKINTON	CONSOLIDATED     COMMUNICATIONS     GST     TDS	COMCAST	EVERSOURCE     UNITIL	MUNICIPAL	MUNICIPAL		
HUDSON	CONSOLIDATED COMMUNICATIONS	COMCAST	EVERSOURCE	HUDSON	HUDSON	<ul> <li>LIBERTY</li> <li>KINDER MORGAN</li> </ul>	ENERGYNORTH EASTERN PROPANE IRVING OIL DEAD RIVER CO HAFFNER'S PROPANE PALMER GAS

CITY/TOWN	TELEPHONE	CABLE	ELECTRIC	WATER	SEWER	GAS	LPG
JACKSON	CONSOLIDATED COMMUNICATIONS	TIME WARNER	NHEC	MUNICIPAL			IRVING OIL     SUBURBAN PROPANE
JAFFREY	CONSOLIDATED COMMUNICATIONS	COMCAST	EVERSOURCE	MUNICIPAL	MUNICIPAL		ALLEN & MATHEWSON     EASTERN PROPANE     RYMES
JEFFERSON	CONSOLIDATED COMMUNICATIONS	TIME WARNER	EVERSOURCE			PORTLAND PIPELINE (OIL)	
KEENE	CONSOLIDATED COMMUNICATIONS	TIME WARNER	EVERSOURCE	MUNICIPAL	MUNICIPAL	LIBERTY	EASTERN PROPANE     CIARDELLI FUEL     RYMES     L&G PROPANE     IRVING OIL     AMERIGAS PROPANE     ROY BROS OIL
KENSINGTON	CONSOLIDATED COMMUNICATIONS	COMCAST	UNITIL			UNITIL     NORTHERN     UTILITIES	DOWNEAST ENERGY
KINGSTON	CONSOLIDATED COMMUNICATIONS	COMCAST	NHEC     UNITIL	HAMPSTEAD AREA WATER CO.			EASTERN PROPANE     IRVING OIL
LACONIA	CONSOLIDATED COMMUNICATIONS	BREEZELINE	NHEC     EVERSOURCE	LAKES REGION WATER CO.     MUNICIPAL	MUNICIPAL	LIBERTY	AMERIGAS PROPANE     EASTERN PROPANE     RYMES
LANCASTER	CONSOLIDATED COMMUNICATIONS	TIME WARNER	EVERSOURCE	MUNICIPAL	MUNICIPAL	PORTLAND PIPELINE (OIL)	FRANCONIA GAS
LANDAFF	CONSOLIDATED COMMUNICATIONS		NHEC     EVERSOURCE				

CITY/TOWN	TELEPHONE	CABLE	ELECTRIC	WATER	SEWER	GAS	LPG
LANGDON	CONSOLIDATED COMMUNICATIONS	COMCAST	LIBERTY     NHEC				
LEBANON	CONSOLIDATED COMMUNICATIONS	COMCAST	• LIBERTY	LEBANON	LEBANON		DEAD RIVER CO     IRVING OIL
LEE	CONSOLIDATED COMMUNICATIONS	COMCAST	NHEC     EVERSOURCE	PENNICHUCK EAST			<ul><li>P. GAGNON &amp; SONS</li><li>EASTERN PROPANE</li><li>RYMES</li></ul>
LEMPSTER	CONSOLIDATED COMMUNICATIONS		NHEC     EVERSOURCE				RYMES
LINCOLN	CONSOLIDATED COMMUNICATIONS	TIME WARNER	NHEC	MUNICIPAL	MUNICIPAL		DEAD RIVER CO     FRANCONIA GAS
LISBON	CONSOLIDATED COMMUNICATIONS	TIME WARNER	LITTLETON LIGHT     NHEC     EVERSOURCE	MUNICIPAL	MUNICIPAL		IRVING OIL
LITCHFIELD	CONSOLIDATED COMMUNICATIONS	COMCAST	EVERSOURCE	PENNICHUCK EAST		LIBERTY	ENERGYNORTH
LITTLETON	CONSOLIDATED COMMUNICATIONS	TIME WARNER	LITTLETON LIGHT     NHEC	MUNICIPAL	MUNICIPAL		DEAD RIVER CO     FRANCONIA GAS
LIVERMORE	CONSOLIDATED COMMUNICATIONS						



CITY/TOWN	TELEPHONE	CABLE	ELECTRIC	WATER	SEWER	GAS	LPG
LONDONDERRY	CONSOLIDATED COMMUNICATIONS	COMCAST	NHEC     EVERSOURCE	MANCHESTER WATER WORKS     PENNICHUCK EAST	<ul> <li>BODWELL WASTE</li> <li>LORDEN COMMONS MUNICIPAL</li> </ul>	<ul> <li>LIBERTY</li> <li>KINDER MORGAN</li> </ul>	AMERIGAS PROPANE     CIARDELLI FUEL     HAFFNER'S PROPANE     DOWNEAST ENERGY     RYMES     EASTERN PROPANE     ENERGYNORTH     IRVING OIL
LOUDON	CONSOLIDATED     COMMUNICATION     TDS	COMCAST	NHEC     EVERSOURCE     UNITIL			LIBERTY	EASTERN PROPANE     RYMES
LYMAN	CONSOLIDATED COMMUNICATIONS		NHEC     EVERSOURCE				
LYME	CONSOLIDATED COMMUNICATIONS	COMCAST	EVERSOURCE     NHEC				DEAD RIVER CO
LYNDEBOROUGH	CONSOLIDATED     COMMUNICATION     TDS		EVERSOURCE				
MADBURY	CONSOLIDATED COMMUNICATIONS	COMCAST	EVERSOURCE			UNITIL     COGEN	
MADISON	CONSOLIDATED COMMUNICATIONS	TIME WARNER	NHEC     EVERSOURCE	MUNICIPAL			
MANCHESTER	CONSOLIDATED COMMUNICATIONS	COMCAST	EVERSOURCE	MANCHESTER WATER WORKS	BODWELL WASTE     MUNICIPAL	<ul> <li>LIBERTY</li> <li>KINDER MORGAN</li> </ul>	DEAD RIVER CO     EASTERN PROPANE

CITY/TOWN	TELEPHONE	CABLE	ELECTRIC	WATER	SEWER	GAS	LPG
MARLBOROUGH	CONSOLIDATED COMMUNICATIONS	TIME WARNER	EVERSOURCE	MUNICIPAL	MUNICIPAL		L&G PROPANE     IRVING OIL
MARLOW	CONSOLIDATED COMMUNICATIONS	FIBERCAST	NHEC     EVERSOURCE     LIBERTY				
MARTIN LOCATION	CONSOLIDATED COMMUNICATIONS		EVERSOURCE				
MASON	CONSOLIDATED     COMMUNICATIONS     TDS		EVERSOURCE				
MEREDITH	CONSOLIDATED COMMUNICATIONS	BREEZELINE	NHEC     EVERSOURCE	MUNICIPAL	MUNICIPAL		DEAD RIVER CO     EASTERN PROPANE
MERRIMACK	CONSOLIDATED     COMMUNICATIONS     TDS	COMCAST	EVERSOURCE	PENNICHUCK     WATER WORKS     MUNICIPAL	MUNICIPAL	LIBERTY	CIARDELLI FUEL     EASTERN PROPANE     ENERGYNORTH
MIDDLETON	CONSOLIDATED COMMUNICATIONS	TIME WARNER	EVERSOURCE	PENNICHUCK EAST			
MILAN	CONSOLIDATED COMMUNICATIONS	ARGENT COMMUNICATIONS	EVERSOURCE			PNGTS	
MILFORD	CONSOLIDATED COMMUNICATIONS     TDS	COMCAST	EVERSOURCE	MUNICIPAL     PENNICHUCK     WATER WORKS	MUNICIPAL	LIBERTY	EASTERN PROPANE     SUBURBAN PROPANE









CITY/TOWN	TELEPHONE	CABLE	ELECTRIC	WATER	SEWER	GAS	LPG
MILLSFIELD	CONSOLIDATED COMMUNICATIONS		EVERSOURCE				
MILTON	CONSOLIDATED COMMUNICATIONS	BREEZELINE	EVERSOURCE	MUNICIPAL	MUNICIPAL		EASTERN PROPANE     IRVING OIL
MONROE	CONSOLIDATED COMMUNICATIONS	TIME WARNER	LIBERTY NHEC	MUNICIPAL			
MONT VERNON	CONSOLIDATED COMMUNICATIONS     TDS	COMCAST	EVERSOURCE				
MOULTONBOROUGH	CONSOLIDATED COMMUNICATIONS     TDS	TIME WARNER	NHEC	LAKES REGION WATER CO.			EASTERN PROPANE     IRVING OIL     RYMES
NASHUA	CONSOLIDATED COMMUNICATIONS	COMCAST	EVERSOURCE	PENNICHUCK WATER WORKS	MUNICIPAL	LIBERTY	
NELSON	CONSOLIDATED COMMUNICATIONS	FIBERCAST	EVERSOURCE				
NEW BOSTON	CONSOLIDATED COMMUNICATIONS     GST	COMCAST	EVERSOURCE				
NEW CASTLE	CONSOLIDATED COMMUNICATIONS	COMCAST	EVERSOURCE	PORTSMOUTH WATER DEPT.	MUNICIPAL		

CITY/TOWN	TELEPHONE	CABLE	ELECTRIC	WATER	SEWER	GAS	LPG
NEW DURHAM	CONSOLIDATED     COMMUNICATIONS     TDS	BREEZELINE	NHEC     EVERSOURCE				EASTERN PROPANE
NEW HAMPTON	CONSOLIDATED COMMUNICATIONS	BREEZELINE	NEW HAMPTON     NHEC     EVERSOURCE	MUNICIPAL	MUNICIPAL		
NEW IPSWICH	CONSOLIDATED COMMUNICATIONS	COMCAST	EVERSOURCE				RYMES
NEW LONDON	CONSOLIDATED     COMMUNICATIONS     TDS	COMCAST	EVERSOURCE	NEW LONDON/ SPRINGFIELD WATER	NEW LONDON		DEAD RIVER CO     IRVING OIL     RYMES
NEWBURY	CONSOLIDATED     COMMUNICATIONS     TDS	TDS	EVERSOURCE		MUNICIPAL		
NEWFIELDS	CONSOLIDATED COMMUNICATIONS	COMCAST	EVERSOURCE	MUNICIPAL	MUNICIPAL		
NEWINGTON	CONSOLIDATED COMMUNICATIONS	COMCAST	EVERSOURCE	PORTSMOUTH WATER DEPT.	NEWINGTON	UNITIL     GRANITE     STATE     M&N	
NEWMARKET	CONSOLIDATED COMMUNICATIONS	COMCAST	EVERSOURCE	PENNICHUCK WATER WORKS <i>MUNICIPAL</i>	MUNICIPAL		DF RICHARD ENERGY DOWNEAST ENERGY EASTERN PROPANE PALMER GAS
ORFORD	CONSOLIDATED COMMUNICATIONS		NHEC     EVERSOURCE	MUNICIPAL		1	

CITY/TOWN	TELEPHONE	CABLE	ELECTRIC	WATER	SEWER	GAS	LPG
OSSIPEE	CONSOLIDATED COMMUNICATIONS	TIME WARNER	NHEC     EVERSOURCE	<ul> <li>LAKES REGION WATER CO.</li> <li>OSSIPEE WATER/SEWER</li> </ul>	OSSIPEE WATER/SEWER		EASTERN PROPANE
PELHAM	CONSOLIDATED COMMUNICATIONS	COMCAST	LIBERTY     EVERSOURCE	PENNICHUCK EAST		<ul> <li>KINDER MORGAN</li> <li>LIBERTY</li> </ul>	ENERGYNORTH     HAFFNER'S PROPANE     EASTERN PROPANE     IRVING OIL     DOWNEAST ENERGY     PALMER GAS     RYMES     SUBURBAN PROPANE
PEMBROKE	CONSOLIDATED COMMUNICATIONS	COMCAST	EVERSOURCE     UNITIL	PEMBROKE WATER WORKS	MUNICIPAL	LIBERTY KINDER MORGAN	
PETERBOROUGH	CONSOLIDATED COMMUNICATIONS	COMCAST	EVERSOURCE	MUNICIPAL	MUNICIPAL		ALLEN & MATTHEWSON     DEAD RIVER CO
PIERMONT	CONSOLIDATED COMMUNICATIONS	CHARTER COMMUNICATIONS	NHEC     EVERSOURCE		MUNICIPAL		
PINKHAMS GRANT	CONSOLIDATED COMMUNICATIONS		EVERSOURCE				
PITTSBURGH	CONSOLIDATED COMMUNICATIONS	FIBERCAST	• NHEC	MUNICIPAL	MUNICIPAL	PNGTS	
PITTSFIELD	CONSOLIDATED COMMUNICATIONS	BREEZELINE	NHEC     EVERSOURCE	PITTSFIELD AQUEDUCT	PITTSFIELD WASTEWATER		IRVING OIL     EASTERN PROPANE
PLAINFIELD	CONSOLIDATED     COMMUNICATIONS     TDS	COMCAST	LIBERTY     NHEC     EVERSOURCE	MERIDEN VILLAGE WATER DISTRICT     MUNICIPAL			

CITY/TOWN	TELEPHONE	CABLE	ELECTRIC	WATER	SEWER	GAS	LPG
PLAISTOW	CONSOLIDATED COMMUNICATIONS	COMCAST	UNITIL	HAMPSTEAD AREA WATER CO.     PENNICHUCK EAST     PENNICHUCK WATER WORKS		UNITIL     GRANITE     STATE     MARITIME &     NORTHEAST	EASTERN PROPANE     HAFFNER'S PROPANE     PALMER GAS     SUBURBAN PROPANE
PLYMOUTH	CONSOLIDATED COMMUNICATIONS	TIME WARNER     BREEZELINE	NHEC     EVERSOURCE	MUNICIPAL	MUNICIPAL		DEAD RIVER CO     EASTERN PROPANE
PORTSMOUTH	CONSOLIDATED COMMUNICATIONS	COMCAST	EVERSOURCE	PORTSMOUTH WATER DEPT.	PORTSMOUTH SEWER DEPT.	<ul> <li>UNITIL</li> <li>GRANITE</li> <li>STATE</li> <li>M&amp;N</li> <li>NORTHERN</li> <li>TUTILITIES</li> </ul>	DF RICHARD ENERGY     EASTERN PROPANE
RANDOLPH	CONSOLIDATED COMMUNICATIONS	TIME WARNER	EVERSOURCE			PORTLAND PIPELINE (OIL)	
RAYMOND	CONSOLIDATED COMMUNICATIONS	COMCAST	NHEC     EVERSOURCE	PENNICHUCK EAST			AMERIGAS PROPANE     CANTERBURY COMMONS     EASTERN PROPANE     ENERGYNORTH     IRVING OIL     PALMER GAS
RICHMOND	CONSOLIDATED COMMUNICATIONS	TIME WARNER	EVERSOURCE				
RINDGE	CONSOLIDATED COMMUNICATIONS	ARGENT COMMUNICATIONS	EVERSOURCE				ALLEN & MATTHEWSON     EASTERN PROPANE     RYMES

CITY/TOWN	TELEPHONE	CABLE	ELECTRIC	WATER	SEWER	GAS	LPG
ROCHESTER	CONSOLIDATED COMMUNICATIONS	BREEZELINE	EVERSOURCE	ROCHESTER	ROCHESTER	UNITIL     NORTHERN     UTILITIES     COGEN	<ul> <li>DF RICHARD ENERGY</li> <li>EASTERN PROPANE</li> <li>DEAD RIVER CO</li> </ul>
ROLLINSFORD	CONSOLIDATED COMMUNICATIONS	COMCAST	EVERSOURCE	ROLLINSFORD WATER/SEWER	ROLLINSFORD WATER/SEWER	UNITIL     NOTHERN     UTILITIES	EASTERN PROPANE     TOWNSEND ENERGY
ROXBURY	CONSOLIDATED COMMUNICATIONS	TIME WARNER	EVERSOURCE	MUNICIPAL			
RUMNEY	CONSOLIDATED COMMUNICATIONS	TIME WARNER	NHEC				RYMES
RYE	CONSOLIDATED COMMUNICATIONS	COMCAST	EVERSOURCE	AQUARION     RYE WATER DIST.	RYE SEWER DEPT.		EASTERN PROPANE
SALEM	CONSOLIDATED COMMUNICATIONS	COMCAST	LIBERTY	HAMPSTEAD AREA WATER CO.     PENNICHUCK     SALEM WATER	MUNICIPAL	UNITIL KINDER MORGAN	EASTERN PROPANE DOWNEAST ENERGY PALMER GAS
SALISBURY	CONSOLIDATED COMMUNICATIONS     TDS	COMCAST	NHEC     EVERSOURCE     UNITIL				
SANBORNTON	CONSOLIDATED COMMUNICATIONS	BREEZELINE	NHEC     EVERSOURCE		MUNICIPAL	LIBERTY	
SANDOWN	CONSOLIDATED COMMUNICATIONS     GST	COMCAST	NHEC     EVERSOURCE	HAMPSTEAD AREA WATER CO.     PENNICHUCK EAST			EASTERN PROPANE

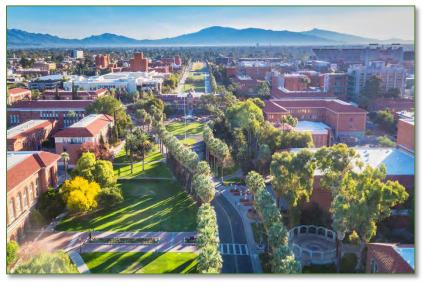
CITY/TOWN	TELEPHONE	CABLE	ELECTRIC	WATER	SEWER	GAS	LPG
SANDWICH	CONSOLIDATED COMMUNICATIONS		NHEC     EVERSOURCE		MUNICIPAL		
SARGENT'S PURCHASE	CONSOLIDATED COMMUNICATIONS     BRETTON WOODS						
SEABROOK	CONSOLIDATED COMMUNICATIONS	COMCAST	UNITIL	SEABROOK	SEABROOK	UNITIL     NORTHERN     UTILITIES	AMERIGAS PROPANE     DF RICHARD ENERGY     DOWNEAST ENERGY
SECOND COLLEGE GRANT	CONSOLIDATED COMMUNICATIONS						
SHARON	CONSOLIDATED COMMUNICATIONS	COMCAST	EVERSOURCE				
SHELBURNE	CONSOLIDATED COMMUNICATIONS	TIME WARNER	EVERSOURCE			PNGTS     PORTLAND     PIPELINE (OIL)	
SOMERSWORTH	CONSOLIDATED COMMUNICATIONS	COMCAST	EVERSOURCE	SOMMERSWORTH	SOMMERSWORTH	<ul> <li>UNITIL</li> <li>NOTHERN UTILITIES</li> </ul>	
SOUTH HAMPTON	CONSOLIDATED COMMUNICATIONS	COMCAST	UNITIL				EASTERN PROPANE     HAFFNER'S PROPANE
SPRINGFIELD	CONSOLIDATED COMMUNICATIONS     TDS		NHEC     EVERSOURCE				
STARK	CONSOLIDATED COMMUNICATIONS		EVERSOURCE			PNGTS	
STEWARTSTOWN	CONSOLIDATED COMMUNICATIONS	FIBERCAST	NHEC     EVERSOURCE		MUNICIPAL	PNGTS	

CITY/TOWN	TELEPHONE	CABLE	ELECTRIC	WATER	SEWER	GAS	LPG
STODDARD	CONSOLIDATED COMMUNICATIONS     GST	FIBERCAST	EVERSOURCE				
STRAFFORD	TDS     CONSOLIDATED     COMMUNICATIONS	BREEZELINE	EVERSOURCE	HAMPSTEAD AREA WATER CO.			
STRATFORD	CONSOLIDATED COMMUNICATIONS	FIBERCAST	EVERSOURCE	MUNICIPAL	MUNICIPAL	PNGTS	
STRATHAM	CONSOLIDATED COMMUNICATIONS	COMCAST	EVERSOURCE     UNITIL			UNITIL     GRANITE STATE     M&N	EASTERN PROPANE     IRVING OIL     PALMER GAS
SUCCESS			EVERSOURCE			AVRRDD	
SUGAR HILL	CONSOLIDATED COMMUNICATIONS	TIME WARNER	EVERSOURCE     NHEC				
SULLIVAN	CONSOLIDATED COMMUNICATIONS	FIBERCAST	EVERSOURCE				
SUNAPEE	CONSOLIDATED COMMUNICATIONS	COMCAST	EVERSOURCE     NHEC	MUNICIPAL	MUNICIPAL		DEAD RIVER CO
SURRY	CONSOLIDATED COMMUNICATIONS	TIME WARNER	EVERSOURCE     LIBERTY	MUNICIPAL			
SUTTON	CONSOLIDATED     TDS	TDS	NHEC     EVERSOURCE				

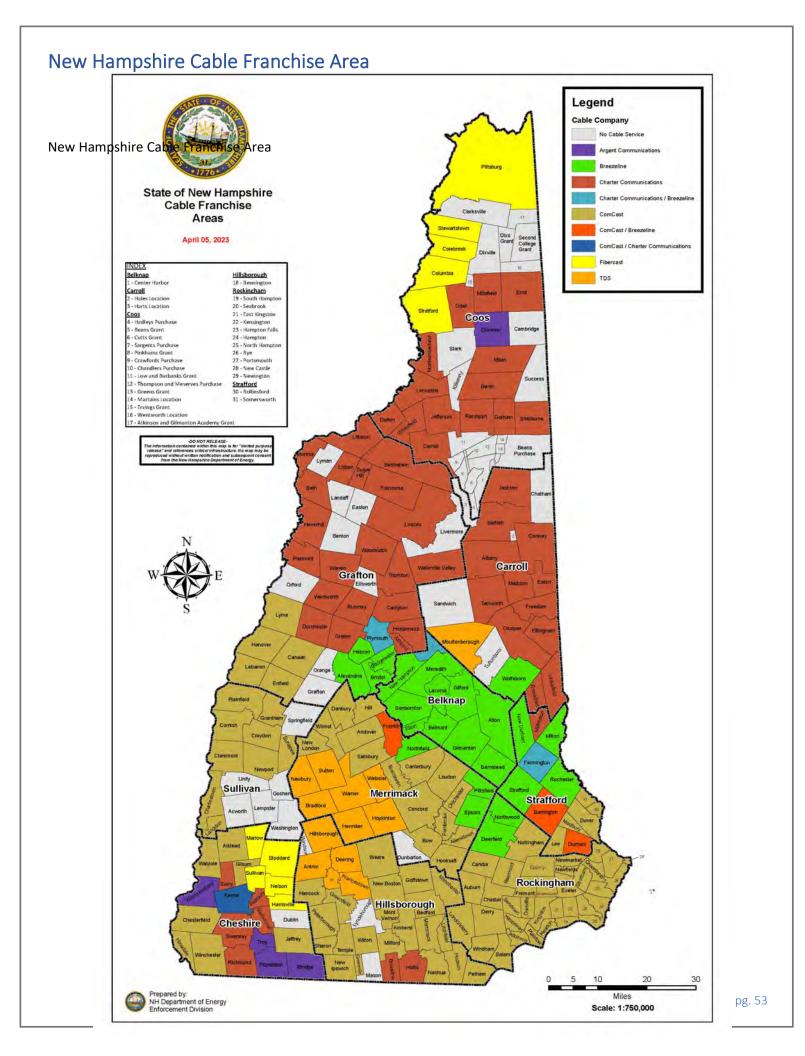
CITY/TOWN	TELEPHONE	CABLE	ELECTRIC	WATER	SEWER	GAS	LPG
SWANZEY	CONSOLIDATED COMMUNICATIONS	TIME WARNER	EVERSOURCE	WEST SWANZEY WATER INC.	MUNICIPAL		CIARDELLI FUEL     L&G PROPANE     RYMES
TAMWORTH	CONSOLIDATED COMMUNICATIONS	TIME WARNER	NHEC     EVERSOURCE	LAKES REGION WATER CO.	MUNICIPAL		EASTERN PROPANE
TEMPLE	CONSOLIDATED COMMUNICATIONS     TDS	COMCAST	EVERSOURCE				
THOMPSON & MESERVE	CONSOLIDATED COMMUNICATIONS     BRETTON WOODS		EVERSOURCE				
THORNTON	CONSOLIDATED COMMUNICATIONS	TIME WARNER	NHEC     EVERSOURCE	LAKES REGION WATER CO.     MILL BROOK VILLAGE			SUBURBAN PROPANE
TILTON	CONSOLIDATED COMMUNICATIONS	BREEZELINE	EVERSOURCE     NHEC	PENNICHUCK EAST     TILTON AQUEDUCT CO.	MUNICIPAL	LIBERTY	EASTERN PROPANE     ENERGYNORTH     RYMES
TROY	CONSOLIDATED COMMUNICATIONS	ARGENT COMMUNICATIONS	EVERSOURCE	MUNICIPAL	MUNICIPAL		RYMES
TUFTONBORO	CONSOLIDATED     COMMUNICATIONS     TDS	TIME WARNER     TDS	NHEC     EVERSOURCE     WOLFEBORO LIGHT	LAKES REGION WATER CO.			
UNITY	CONSOLIDATED COMMUNICATIONS		NHEC     EVERSOURCE				
WAKEFIELD	CONSOLIDATED COMMUNICATIONS	TIME WARNER	NHEC     EVERSOURCE		MUNICIPAL		

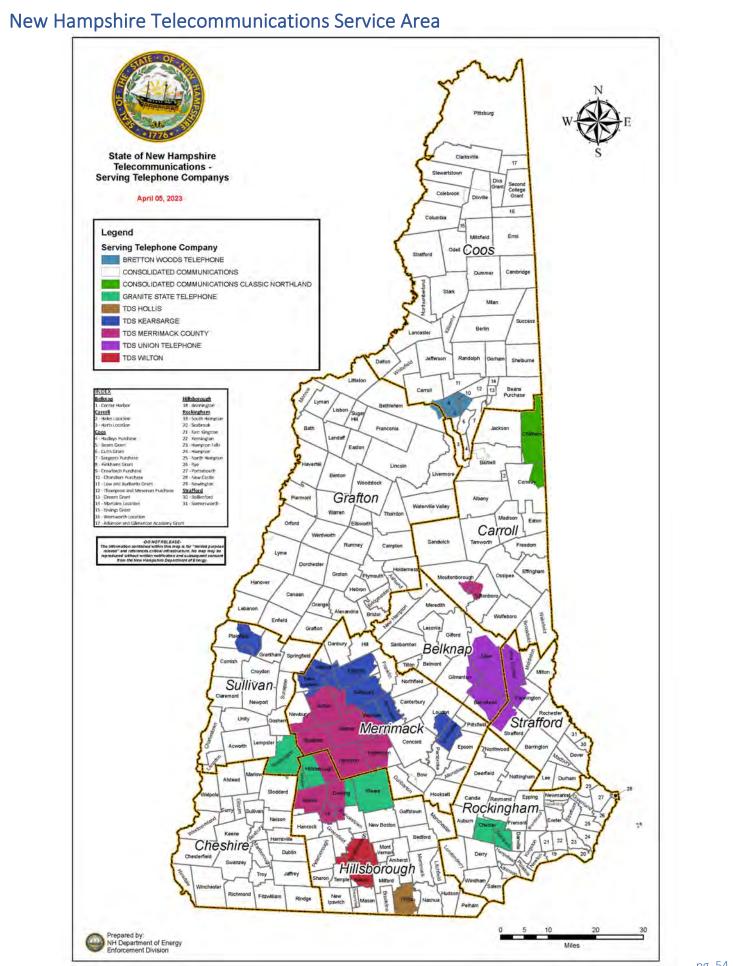
CITY/TOWN	TELEPHONE	CABLE	ELECTRIC	WATER	SEWER	GAS	LPG
WALPOLE	CONSOLIDATED COMMUNICATIONS	COMCAST	LIBERTY	MUNICIPAL	MUNICIPAL		RYMES     SUBURBAN PROPANE
WARNER	TDS	TDS	EVERSOURCE	MUNICIPAL	MUNICIPAL		IRVING OIL     RYMES
WARREN	CONSOLIDATED COMMUNICATIONS	TIME WARNER	NHEC	MUNICIPAL			R TIMES
WASHINGTON	CONSOLIDATED     COMMUNICATIONS     GST		NHEC     EVERSOURCE				
WATERVILLE VALLEY	CONSOLIDATED COMMUNICATIONS	TIME WARNER	NHEC     EVERSOURCE	WATERVILLE VALLEY	WATERVILLE VALLEY		AMERIGAS PROPANE     IRVING OIL     SUBURBAN PROPANE
WEARE	GST	COMCAST	EVERSOURCE	PENNICHUCK EAST			EASTERN PROPANE     RYMES     SUBURBAN PROPANE
WEBSTER	TDS	TDS	EVERSOURCE     UNITIL				
WENTWORTH	CONSOLIDATED COMMUNICATIONS	TIME WARNER	NHEC				
WENTWORTH LOCATION	CONSOLIDATED COMMUNICATIONS		EVERSOURCE				
WESTMORELAND	CONSOLIDATED COMMUNICATIONS	ARGENT COMMUNICATIONS	EVERSOURCE				
WHITEFIELD	CONSOLIDATED COMMUNICATIONS	TIME WARNER	EVERSOURCE	WHITE FIELD	WHITEFIELD		





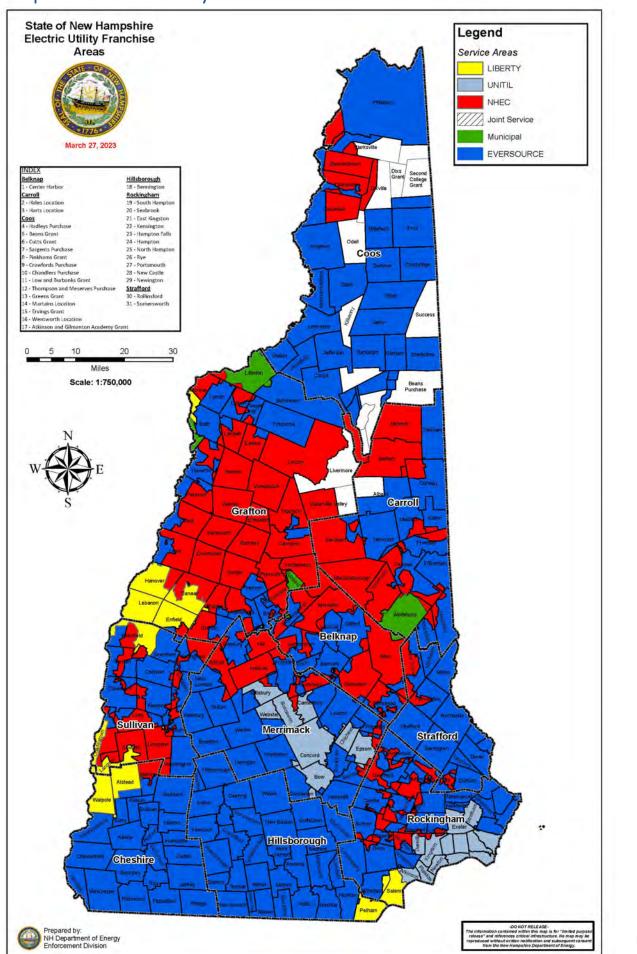
CITY/TOWN	TELEPHONE	CABLE	ELECTRIC	WATER	SEWER	GAS	LPG
WILMOT	CONSOLIDATED COMMUNICATIONS     TDS	COMCAST	NHEC     EVERSOURCE				
WILTON	CONSOLIDATED COMMUNICATIONS     TDS	COMCAST	EVERSOURCE	MUNICIPAL	MUNICIPAL		SUBURBAN PROPANE
WINCHESTER	CONSOLIDATED COMMUNICATIONS	COMCAST	EVERSOURCE	MUNICIPAL	MUNICIPAL		OSTERMAN PROPANE
WINDHAM	CONSOLIDATED COMMUNICATIONS	COMCAST	<ul> <li>LIBERTY</li> <li>EVERSOURCE</li> </ul>	PENNICHUCK EAST     SALEM		KINDER MORGAN	EASTERN PROPANE     DEAD RIVER CO     DOWNEAST ENERGY     PALMER GAS
WINDSOR	GST		EVERSOURCE				
WOLFEBORO	CONSOLIDATED COMMUNICATIONS	BREEZELINE	NHEC     WOLFEBORO     LIGHT	LAKES REGION WATER CO.     MUNICIPAL	MUNICIPAL		DF RICHARDS ENERGY     EASTERN PROPANE     RYMES
WOODSTOCK	CONSOLIDATED COMMUNICATIONS	TIME WARNER	EVERSOURCE				IRVING OIL





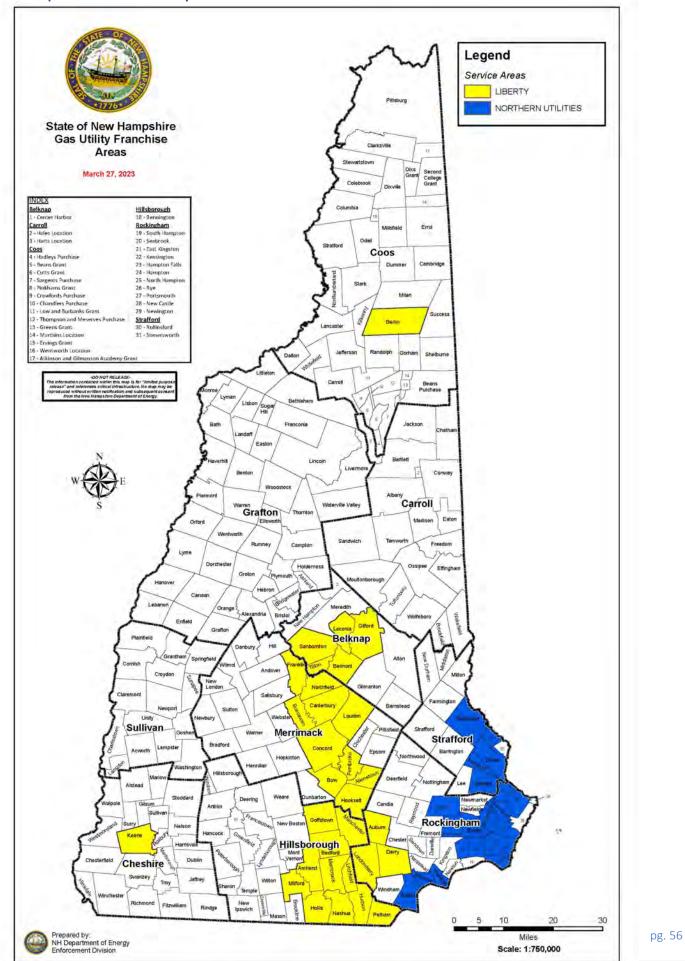
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# New Hampshire Gas Utility Franchise Area



# **DIG SAFE LAW RSA 374 Underground Utility Damage Prevention System**

#### 374:48 Definitions. – In this subdivision:

I. **"Commission**" means the public utilities commission.

#### II. [Repealed.]

III. **"Excavate"**, **"excavating"**, or **"excavation"** means any operation conducted on private property or in a public way, right-of-way, easement, public street, or other public place, in which earth, rock, or other material in the ground is moved, removed, or otherwise displaced by means of any tools, equipment, or explosive, and includes but is 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, but does not include the tilling of soil for agricultural purposes, landscaping and maintenance of residential property performed with non-mechanized equipment, landscaping activities performed with mechanized equipment that are intended to cut vegetation, including lawn edging, aeration, and dethatching, excavations permitted or grandfathered under RSA 155-E, or replacement of Department of Transportation-installed delineator posts in the same location.

IV. **"Excavator"** means any person performing excavation. IV-a. "Operator" means any public utility as defined by RSA. 362:2 or RSA 362:4, any cable television system as defined by RSA 53-C:1, and any liquefied petroleum gas company operating any jurisdictional facility or facilities as defined by the Natural Gas Pipeline Safety Act (49 U.S.C. chapter 601) that owns or operates underground facilities.

V. **"Person"** means any individual, trust, firm, joint stock company, corporation (including a government corporation), partnership, association, state, municipality, commission, United States government or any agency thereof, political subdivision of the state, or any interstate body.



VI. **"System"** means the underground facility damage prevention system referred to in RSA 374:49.

VII. **"Underground facility**" or **"facility**" means any property which is buried, placed below ground, or submerged on a public way, private property, right-of-way, easement, public street, or other public place and is being used or will be used for the conveyance of cable television, electricity, gas, sewerage, steam, telecommunications, or water.



VIII. **"Blasting"** means excavation by means of explosives.

### 374:49 Damage Prevention System.

Each operator shall participate in an underground facility damage prevention system. The system shall operate during regular business hours throughout the year, except Saturdays, Sundays, and legal holidays. The system shall receive notices of proposed excavations and transmit such notices to its members.

### 374:50 Rulemaking.

The commission shall adopt rules, pursuant to RSA 541-A, relative to:

I. Minimum requirements for the operation of the system, including notification procedures.

II. Procedures for the investigation of complaints relating to this subdivision.

III. Emergency situations for which prior notice of excavation pursuant to RSA 374:51, II is not required.

### 374:51 Notification by Excavator.

I. No person shall perform an excavation within 100 feet of an underground facility, except in an emergency, without first giving notification as required by this section. In an emergency, notification shall be given at the earliest practicable moment.

II. At least 72 hours before a proposed excavation, but not including Saturdays, Sundays and legal holidays, each person required to give notice of an excavation shall notify the damage prevention system referred to in RSA 374:49. Such notice shall occur no more than 30 days before the proposed excavation is to be made.

III. Notice may be in writing, by telephone or by any other reasonable means.

IV. Prior to complying with the notification requirements of paragraph II, an excavator must premark the area as provided in this paragraph, which means identifying the perimeter of the proposed site of the excavation by marking the perimeter in an appropriate manner in the color white paint, stakes, or other suitable white markings on nonpaved surfaces. No such premarking shall be acceptable if the marks interfere with

traffic or pedestrian control or are misleading to the general public. Premarking shall not be required on any continuous excavation that is over 100 feet in length, or any pole replacement that is within 5 feet of an existing location. If an excavation is over 100 feet in length or a pole replacement is within 5 feet of an existing location, the excavator shall.

V. Communicate the perimeter of the excavation by means of a description of the area or construction plans or have an onsite meeting with affected operators or other suitable means acceptable to the parties.



VI. When making the notification required by this section, the excavator shall identify which of the methods described in paragraph IV will be used to identify the proposed excavation.

VII. The excavator's notification shall be valid for 30 calendar days from the date and time of confirmation of notification by the underground facility damage prevention system.

VIII. If an excavator is aware that blasting will be required during an excavation, the excavator shall inform the damage prevention system when providing notice of the excavation. If an excavator determines during the effective term of the excavator's notification that blasting is required within the area pre-marked in accordance with paragraph IV, the excavator shall notify the damage prevention system of the need to blast. Notification shall be made at least 24 hours prior to any blasting, not including Saturdays, Sundays, and legal holidays. In the case of unanticipated obstructions that prevent further excavation without blasting, the excavator shall provide separate notice of such blasting not less than 4 contiguous hours in advance of such blasting, not including the hours of 4:00 p.m. to 6:00 a.m. weekdays, or all of Saturdays, Sundays, and legal holidays.

#### 374:52 Notification by System.

Upon receipt of notice of a proposed excavation, the system shall notify all affected members.



### 374:53 Response by Operator.

Within 72 hours after receipt of notice from a proposed excavator or from the system of a proposed excavation, but not including Saturdays, Sundays, and legal holidays, an operator shall mark the location of its underground facilities in the proposed excavation. An operator and an excavator may by agreement fix a later time for the operator's marking of its facilities. Once an operator has marked the location of its facilities in the area of an excavation, the excavator shall be responsible for maintaining the markings. An operator who participates in an underground facility damage prevention system shall not be required to locate underground facilities not owned by the operator; underground facilities which the owner shall not be required to locate may include, but shall not be limited to, facilities running from a house to a garage or other outbuilding.

### 374:54 Notice of Damage.

When any underground facility is damaged, the excavator causing the damage shall immediately notify the affected operator. The excavation shall not be backfilled without first receiving permission from the operator whose facility was damaged.

### 374:55 Civil Penalty.

I. Proof that an excavation has been made without compliance with the notice requirement of RSA 374:51 and that damage to an underground facility has occurred shall be prima facie evidence in any court or administrative proceeding that the damage was caused by the negligence of the excavator.

 II. Any excavator who does not give notice of or identify the proposed excavation area as required by RSA 374:51 or rules of the commission regarding tolerance zones and marking procedures shall be subject to the penalties in paragraph VIII, in addition to any liability for the actual damages.

III. Any operator which does not mark the location of its underground facilities as required by RSA 374:53 or rules of the commission regarding tolerance zones and marking procedures shall be subject to the penalties in paragraph VIII.

IV. If underground facilities are damaged because an operator does not mark its underground facilities as required by RSA 374:53, the operator shall be subject to the penalties in paragraph VIII, liable for damages sustained to its facilities and, in addition, shall be liable for any damages incurred by the excavator because of the operator's failure to mark such facilities.

V. If marked underground facilities are damaged, the excavator shall be subject to the penalties in paragraph VIII and liable for the cost of repairs for the damage.



VI. Any excavator who damages an underground facility and fails to notify the operator, or backfills the excavation without receiving permission, as required by RSA 374:54, shall be subject to the penalties in paragraph VIII.

VII. The commission or any commission employee, involved in an underground facility damage prevention program approved by the commission and designated by the commission, may enforce violations of this subdivision. Any excavator or operator that violates this subdivision shall be subject to the penalties in paragraph VIII. In addition, the commission may assess the excavator for expenditures made to collect the civil penalty. Any excavator or operator which suffers damage resulting from violation of this subdivision may petition the commission to initiate an enforcement action.

VIII. Any excavator or operator that does not comply with RSA 374:51 through 374:54 shall be required either to complete an underground facility damage prevention program approved by the commission, or to pay a civil penalty of up to \$500. The civil penalty may be up to \$5,000 if the excavator or operator previously violated RSA 374:51 through 374:54 within the prior 12 months or if the violation results in bodily injury or property damages exceeding \$50,000, excluding utility costs. This paragraph shall not apply to a homeowner excavating on his or her own property or to a legal occupant of residential property excavating on the property of his or her primary residence with the permission of the owner.

### 374:56 Injunctions.

If any person is making or proposes to make an excavation in a negligent or unsafe manner which may result in damage to an underground facility, the operator which owns or maintains such facility may commence an action for a temporary restraining order or injunction to prevent the excavation.

# PUC 800 Underground Utility Damage Prevention Program

Statutory Authority: RSA 374:50.

#### PUC 801 APPLICATION OF RULES

#### PUC 801.01 Purpose.

(a) The purpose of PUC 800 is to protect the public, operators, and excavators from physical harm, damages, and interrupted service resulting from damage to underground facilities.

- (b) PUC 800 establishes procedures and requirements relative to:
  - (1) Minimum requirements for the operation of the system, including notification procedures.
  - (2) The investigation of complaints including enforcement.
  - (3) Emergency situations for which notice of excavation pursuant to RSA 374:51, II, is not required; and
  - (4) Minimum standards of marking the tolerance zone.

#### PUC 801.02 Application.

- (a) Each operator, as defined in PUC 802.12, shall:
  - (1) Comply with PUC 800 and RSA 374:48-56; and
  - (2) Maintain membership with the notification center.

(b) Any person, including any person who owns or operates an underground facility in New Hampshire but who is not an operator, as defined in PUC 802.12, may become a member of the notification center.

(c) Any member of the notification center who is not an operator but who owns or operates an underground facility shall comply with PUC 800.

#### PUC 802 DEFINITIONS

PUC 802.01 "Blasting" means "blasting" as defined in RSA 374:48, VIII, namely, "excavation by means of explosives."

PUC 802.02 "**Commission**" means "commission" as defined in RSA 374:48, I, namely, "the public utilities commission."

PUC 802.03 "**Damage**" means any impact or exposure that results in the need to repair an underground facility due to the weakening or the partial or complete destruction of the underground facility, including, but not limited to, the protective coating, lateral support, corrosion control, or the housing for the line, device, or underground facility.

PUC 802.04 "**Emergency situation**" means a sudden or un- expected occurrence involving a clear and imminent danger demanding immediate action to prevent or mitigate loss of, or damage to, life, health, property, or essential public services.



PUC 802.05 "Excavation" means "Excavation" as defined in RSA 374:48, III, namely,

"any operation conducted on private property or in a public way, right-of-way, easement, public street, or other public place, in which earth, rock, or other material in the ground is moved, removed, or otherwise displaced by means of any tools, equipment, or explosive, and includes but is 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, but does not include the tilling of soil for agricultural purposes, landscaping and maintenance of residential property performed with non-mechanized equipment, landscaping activities performed with mechanized equipment that are intended to cut vegetation, including lawn edging, aeration, and de-thatching, excavations permitted or grand fathered under RSA 155-E, or replacement of department-of-transportation-installed delineator posts in the same location."

PUC 802.06 "**Excavator**" means "excavator" as defined in RSA 374:48, IV, namely, "any person performing an excavation."



PUC 802.07 "Extraordinary circumstances" means events or conditions other than normal operating conditions which exist and make it significantly impractical or impossible for an underground facility owner or member owning and/or operating an underground facility to comply with the provisions of PUC 800, including, but not limited to, hurricanes, tornadoes, floods, ice, or snow, and acts of God.

PUC 802.08 "Hand digging" means any excavation involving non-mechanized tools or equipment and includes, but is not limited to, digging with shovels, picks, probing bar, and manual post hole diggers.

PUC 802.09 "**Holiday**" means any legal holiday pursuant to RSA 288:1 or, when such holiday falls on a Sunday, the following day pursuant to RSA 288:2.

PUC 802.10 "Locator" means a person acting on behalf of an operator to identify and mark the locations of underground facilities in accordance with PUC 806.

PUC 802.11 "**Notification center**" means the entity that per- forms the primary function of the system, is open to all operators within the state of New Hampshire, maintains a database of its members and operators and the specific geographic areas in which each of its members and operators desires to receive notice of proposed excavation, and which has the capability to transmit notices of proposed excavation to its members and operators by teletype, telecopy, personal computer, telephone, or other comparable means.

PUC 802.12 "**Operator**" means "operator" as defined in RSA 374:48, IV-a, namely, "any public utility as defined in RSA 362:2 or RSA 362:4, any cable television system as defined in RSA 53-C:1, and any liquefied petroleum gas company operating any jurisdictional facility or facilities as defined by the Natural Gas Pipeline Safety Act (49 U.S.C. chapter 601) that owns or operates underground facilities." "Operator" also includes any rural electric cooperatives for which a certificate of deregulation is on file with the commission pursuant to RSA

362:2, II, and any voice over internet protocol and internet protocol-enabled service provider pursuant to RSA 362:7, III (e).

PUC 802.13 **"Person"** means "person" as defined in RSA 374:48, V, namely, "any individual, trust, firm, joint stock company, corporation (including a government corporation), partnership, association, state, municipality, commission, United States government or any agency thereof, political subdivision of the state, or any interstate body."

PUC 802.14 "**Premark**" means identifying the perimeter of the proposed site of an excavation by marking the perimeter in an appropriate manner in white paint, stakes, or other suitable white markings on non-paved surfaces. "Premark" also includes pink markings when winter conditions would render white premarking not clearly visible.

PUC 802.15 **"System"** means "system" as defined in RSA 374:48, VI, namely, "the underground facility damage prevention system referred to in RSA 374:49".

PUC 802.16 "**Tolerance zone**" means an area surrounding an underground facility, which is equal to the width of the underground facility plus 18 inches measured horizontally on either side of the underground facility.

PUC 802.17 "**Underground facility**" means "underground facility" as defined in RSA 374:48, VII, namely, "any property which is buried, placed below ground, or submerged on a public way, private property, right-ofway, easement, public street, or other public place and is being used or will be used for the conveyance of cable television, electricity, gas, sewerage, steam, telecommunications or water."

### PUC 803 SYSTEM REQUIREMENTS

#### PUC 803.01 Procedures and Operation of Notification Center.

- a. The system shall operate a notification center, as contemplated by RSA 374:49.
- b. The notification center required by (a) above shall:
  - (1) Receive notification from excavators about in- tended excavation activities;

(2) Provide to excavators who give notice of an intent to engage in an excavation activity the names of potentially affected operators and members owning or operating underground facilities to whom the notification center shall transmit notice;

(3) Promptly transmit to potentially affected operators and members the information received from excavator intended excavation activities;

(4) Provide the excavator, at the time of initial contact, a registration number confirming the notification of intended excavation activity;

(5) Create a record, which shall include the material included in (6) below, of each notification of intent to engage in an excavation activity and related communication;

- (6) Create, pursuant to (5) above, a record of each proposed excavation, including the following"
  - a. The name of the person notifying the notification center
  - b. The name, address, and telephone

number of the excavator;

c. The specific location, including information such as:

1. Latitude and longitude coordinates;

2. Two cross street locations;

3. Notable landmarks;

4. Utility pole numbers that are verifiable in the field; or

5. Mile markers;

d. The starting date for the proposed excavation

e. The most current and accurate description of the intended excavation activity, to include information regarding any blasting or any trenchless excavation methods.

f. The name(s) of any sub-contractor or other per- son or entity who the excavator indicates may excavate at the intended excavation site on behalf of the excavator making the notification.

g. The date and time of the notification.

h. The confirmation or registration number.

i. The identity of potentially affected members and operators that the notification center contacts to inform of the intended excavation activity.

j. The date and time the notification center trans- mitted notice of the intended excavation activity to each potentially affected member and operator.

k. The date and time the notification will expire in accordance with PUC 805.0l(b); and

I. As to any material follow-up communication relating to the proposed excavation activity directed to the communications center:

1. The party or parties involved in the communication

2. The content of the communication.

3. The date and time of the communication; and

4. The date, time, and recipient of any transmittal of the communication; and (7) Maintain the record required to be kept by (5) and (6) above for a period of a minimum of 3 years from the date of the last communication.

c. The current toll-free telephone numbers of the notification center for reporting proposed excavations and otherwise communicating with the notification center shall be, 888-DIG-SAFE", which is, 888-344-7233 or 811.

d. The notification center shall maintain an internet-based system for proposed excavations at www.digsafe.com.

e. Operators and members of the notification center shall use communications equipment that shall be compatible with the notification center.

f. The notification center shall develop and implement procedures and use communication equipment which are adequate to acknowledge calls within 20 seconds.

g. The notification center shall staff its operation a minimum of 10 hours each day, 5 days each week, excluding Saturdays, Sundays, and holidays, to respond to both routine and emergency calls.

h. During the hours that the notification center is not operated by staff, the notification center shall provide at a minimum for an answering service capable of responding to an emergency notification request 24 hours per day, 7 days per week.

i. The training provided by the notification center shall direct the public to make emergency calls to 911.

j. The notification center shall be capable of responding to a request for emergency notification and shall transmit the information as provided in (k)(3) below.

k. The notification center shall transmit information as follows:

(1) Notices of proposed excavation activities to potentially affected members and operators by 5:00 p.m. on the date of receipt.

(2) Routine messages by 5:00 p.m. on the date of receipt; and

(3) Messages relating to emergency situations, as described in PUC 805.03, to any potentially affected member, operator, or excavator, as applicable, as soon as possible, but not later than 10 minutes following receipt.

#### PUC 803.02 Education and Training

(a) The notification center shall assure that the toll-free telephone number shall be prominently displayed in tele- phone directories state-wide.

(b) The notification center shall:

- (1) Make available literature describing the notification center.
- (2) Assure the distribution of such literature to the public; and
- (3) Make such literature available for purchase and distribution by requesting parties.

(c) The notification center shall, upon request, provide training to its members regarding the operations of the notification center.

(d) The notification center shall provide all members and interested persons with a brochure explaining the notification center's objectives, procedural guidelines, and opportunities for member participation.

### PUC 804 Duties of Operators

PUC 804.01 Reporting Requirements for Operators of Underground Facilities.

(a) Each operator shall file monthly, including any month in which there are no violations to report, with the com- mission, on or before the 15th day of the following month, written reports of probable violations of PUC 800, damage to underground facilities, or both.

(b) Each operator shall file reports required by (a) above on Form E-26 dated 12/2014 and available at the commission website at www.puc.nh.gov/forms.

(c) If there are no reportable incidents during a month the operator shall file a one-page notification report using Form E-26, on or before the 15th day of the following month, identifying the owner or operator and stating that no reportable incident of damage or a violation occurred during the month.

(d) The operator shall send the reporting form required by this section to the New Hampshire public utilities commission, safety division, at its mailing address as provided on Form E-26 or electronically, including other pertinent information as attachments to Form E-26 as specified in Form E-26.

(e) After December 31, 2016, upon exposure of previously unrecorded or inaccurately recorded underground facilities in the course of excavation the operator shall verify and modify the existing records as necessary.

(f) The operator shall maintain records of all existing underground facility locations identified pursuant to (e) above and of all underground facilities abandoned in place after December 31, 2016.

### PUC 804.02 Notification Requirements

(a) Any operator who owns, operates, or both, an under- ground facility used in the transportation of gas or hazardous liquids and subject to the federal pipeline statute, 49 U.S.C.

§§ 60101 to 60137, shall:

(1) Maintain a current list of the names and contact information of persons who normally engage in excavation activities in the area in which any underground facility is located, which is owned by that operator, and is used in the transportation of gas or hazardous liquids and subject to the federal pipeline statute.

(2) Notify abutters of the existence of an underground facility used in the transportation of gas or hazardous liquids subject to the federal pipeline statute, owned by that opera- tor; and

(3) Notify persons who normally excavate in the area in which an underground facility used in the transportation of gas or hazardous liquids subject to the federal pipeline statute owned by that operator, as often as needed to make them aware of the notification center, including:

- a. The notification center's existence and purpose; and
- b. How to learn the location of underground facilities before excavation activities begin.
- (b) An affected operator may complete the notification required by PUC 804.02(a)(2) above by:
  - (1) Distributing fliers.
  - (2) Informational mailings.
  - (3) Placing line markers.
  - (4) Signage; or
  - (5) Other reasonable public education outreach consistent.

(c) An affected operator shall complete the notification required by PUC 804.02(a)(3) above by distributing informational mailings, conducting informational sessions, or other means of effective communication.

(d) An operator who participates in an underground utility damage prevention system shall not be required to locate underground facilities not owned by the operator, including, but not limited to, any such underground facilities running from a house to a garage or other outbuilding.

(e) When no underground facility is within the area of a proposed excavation, an owner or operator receiving notification of the proposed excavation shall so advise the excavator by:

(1) Marking the nonexistence of facilities within the pre-marked area of intended excavation in accordance with PUC 806;

(2) Participating in a meeting where details of the job site are discussed and documented; or

(3) Communicating with the operator via e-mail, fax, telephone, or other electronic communication, provided that the excavator confirms receipt of such communication.

### PUC 804.03 Training of Locators.

(a) Locators shall be trained in accordance with the National Utility Locating Contractors Association (NULCA) Professional Competence Standards for Locating Technicians, Fourth Edition 2015, available as noted in Appendix B, including the competencies as described in (b) below.

(b) To meet the requirements of (a), training programs for locators shall include, at a minimum, the following competencies:

- (1) Electromagnetic locating;
- (2) Instruction in the use of transmitters and receivers;
- (3) Procedures for marking underground facilities;
- (4) Training in the identification of facilities;
- (5) Safety procedures;
- (6) Operator map and record reading; and
- (7) Familiarity with the rules in this chapter.

### PUC 805 DUTIES OF AN EXCAVATOR

### PUC 805.01 Notification Required Prior to Excavation.

(a) No person shall perform an excavation within 100 feet of an underground facility, except in an emergency situation pursuant to PUC 805.03, without first giving notification in accordance with this section.

(b) Excavators shall, pursuant to RSA 374:51 notify the notification center:

(1) Not less than 72 hours prior to the proposed excavation, not including Saturdays, Sundays, and legal holidays; and

(2) Not more than 30 days prior to the proposed excavation.

(c) The excavator's notification, required by (a) above, shall be valid for 30 calendar days from the date and time the notification center confirms the notification.

(d) When an excavator contacts the notification center as described in (a) above, it shall provide the following:

- (1) The name of the person notifying the notification center;
- (2) The name, address and telephone number of the excavator;

(3) The name of each sub-contractor or other person or entity who might excavate at the intended excavation site on behalf of the excavator making the notification; and

- (4) The specific location, including information such as:
  - a. Latitude and longitude coordinates;
  - b. Two cross street locations;

c. Notable landmarks;

d. Utility pole numbers that are verifiable in the field; or

e. Mile markers;

(5) The starting date for the proposed excavation; and

(6) The most current and accurate description of the intended excavation activity, to include information regarding any blasting or any trenchless excavation methods.

(e) Prior to complying with the notification requirements of RSA 374:51, II and (a) above, an excavator shall, pursuant to RSA 374:51, IV, premark the area of proposed excavation by identifying the perimeter of the proposed site of the excavation.

(f) The excavator shall premark in a way that does not interfere with traffic or pedestrian control and is not misleading to the general public.

(g) An excavator shall not be required to premark any continuous excavation that is over 100 feet in length, or any pole replacement that is within 5 feet of an existing location.

(h) If an excavation for a pole replacement is within 5 feet of an existing location, the excavator shall communicate the perimeter of the excavation to any potentially affected operator, member of the notification center who owns or operates an underground facility, or both, by anyone of the following methods:

(1) Providing a detailed description of the site area;

(2) Providing detailed construction plans;

(3) Holding an on-site meeting with potentially affected operators; or

(4) Providing other effective means of communicating the perimeter of the excavation to any potentially affected operator, member, or both, of the notification center who owns or operates an underground facility.

(i) If an excavation is over 100 feet in length, the excavator shall communicate the perimeter of the excavation to any potentially affected operator, member of the notification center who owns or operates an underground facility, or both, by any 2 of the following methods:

(1) Providing a detailed description of the site area;

(2) Providing detailed construction plans;

(3) Holding an on-site meeting with potentially affected operators; and

(4) Providing other effective means of communicating the perimeter of the excavation to any potentially affected operator, member, or both, of the notification center who owns or operates an underground facility.

(j) Once an owner or operator of an underground facility has marked the location of its underground facility in an excavation, pursuant to RSA 374:53 and PUC 805.02, the excavator, and any subcontractor, employee or agent of the excavator performing work on behalf of the excavator at the site, shall be responsible for maintaining the markings during the excavation.

(k) No person or entity not an employee of the excavator shall excavate on behalf of an excavator as a subcontractor or otherwise without separately complying with the notification requirements of this section

unless the excavator has notified the notification center of the identity of that person or entity as provided in (d)(3) above.

(I) A subcontractor of the excavator or other entity may excavate pursuant to the excavator's notification to the notification center if the subcontractor or entity:

- (1) Performs excavation at the location specified in the notification;
- (2) Has a contract or other written authorization to perform this excavation with the excavator;
- (3) Does the excavation work specified in the notification;
- (4) Is listed with the notification center, as provided in (d)(3) above; and
- (5) Otherwise complies with PUC 800, RSA 374:48-56 and other applicable law.

(m) No person shall misuse the intent of the notification center by making a request for marking of an underground facility for other than excavating activities, such as for con- ducting an engineering design, or without a present intention to excavate at the site subject to the request within 30 days.

### PUC 805.02 Excavation That Affects the Tolerance Zone.

(a) Any person conducting excavation activity that affects the tolerance zone surrounding an underground facility shall always exercise such reasonable care as is necessary to protect the underground facility from damage.

(b) Except as provided in (c) below, to locate and identify an underground facility, the excavator shall excavate by methods limited to:

- (1) Hand digging;
- (2) Pot holing;
- (3) Soft digging;
- (4) Vacuum excavation;

(5) Other mechanical methods with the approval of the underground facility owner or operator; or

(6) Other methods accepted in the industry consistent with the alternatives listed in (1) through (5) above, which clearly will not affect the integrity of the underground facility.

(c) For bituminous pavement and concrete travel surface removal an excavator shall not be limited to hand digging and the other non-invasive methods cited in (b) above.

(d) For parallel type excavations, such as excavation along an existing underground facility at an approximately equal distance when measured periodically, the excavator shall expose the existing underground facility at intervals as often as necessary to avoid damage.

(e) For perpendicular type excavations in which the markings are completed in accordance with 806.01 (a)
 (2), the excavator shall expose the existing underground facility using methods listed in (b) above within the defined tolerance zone.

(f) In the event the excavator exposes what appears to be the underground facility at is offset from the centerline:

(1) The excavator shall not assume there are no other underground facilities having the same function within the tolerance zone; and

(2) The excavator shall continue using methods listed in (b) above through remainder of the tolerance zone un- less the verification of the existence or non-existence of underground facilities is determined by the operator.

(g) For trenchless excavations, such as horizontal drilling, boring, pneumatic jacking, tunneling and pavement reclamation, reasonable care for purposes of PUC 805.02(a) shall include determining the exact depth of the underground facility and clearances required by the opera- tor and incorporating location details into the trenchless excavation procedure to avoid any potential damage of the underground facility.

### PUC 805.03 Emergency Situations.

(a) If necessary to respond in an emergency situation, an excavator may begin an excavation without notifying the notification center prior to excavation as required by PUC 805.01 but shall notify the notification center at the earliest practicable moment.

(b) In notifying the notification center of excavation or in- tended excavation in an emergency situation, the excavator shall specifically identify the dangerous condition involved.

(c) An excavator who excavates in an emergency situation shall not be liable on that basis for a failure to notify the notification center as required by PUC 805.01, nothing in this section shall relieve the excavator from liability if:

(d) Nothing in this section shall relieve the excavator from liability if:

- (1) The excavator damages an underground facility which has been properly marked;
- (2) The excavator damages an underground facility which has not been marked; or
- (3) The excavation does not qualify as an emergency excavation.

(e) No excavator shall indicate to the notification center or to an operator or member of the notification center that owns or operates an underground facility that an event constitutes an emergency situation unless the excavator believes in good faith that the circumstances do constitute an emergency situation.

(f) If the parties request, pursuant to PUC 200, a determination by the commission as whether a situation is, or was, an emergency, the commission shall make such a determination based on a review of the facts of the situation and the definition of emergency situation.

### PUC 805.04 Blasting.

(a) When an excavator determines that blasting will be required during an excavation, the excavator shall inform the notification center when providing notice of the excavation.

(b) If an excavator determines during the effective term of the excavator's notification that blasting is required within the area premarked in accordance with PUC 805.01 (d), the excavator shall notify the notification center of the need to blast. Notification shall be made at least 24 hours prior to any blasting, not including Saturdays, Sundays, and holidays.

(c) When unanticipated obstructions prevent further excavation without blasting, the excavator shall provide separate notice of such blasting not less than four hours in advance of such blasting, not including the hours of 4:00 p.m. to 6:00 a.m. weekdays, or all of Saturdays, Sundays, and holidays.

### PUC 805.05 Damage to an Underground Facility.

(a) When an excavator causes any damage to an underground facility not owned or operated by the excavator, the excavator shall:

- (1) Call 911 when:
  - a. A gas underground facility is damaged and there is a release of gas;

b. An electric underground facility is damaged and an excavator determines that a person may have received an electric shock; or

c. Any other facility is damaged and public safety is affected.

(2) Evacuate nearby structures if necessary;

(3) Contact the facility owner or operator at the earliest practical moment following discovery of the damage;

(4) Attempt no repairs, unless directed to by the facility owner or operator;

(5) Call 811 or 888-DIG SAFE (Notification Center); and

(6) Report the damage within 72 hours excluding weekends and holidays to the commission by electronic mail on Form SNU-0401 dated 12/2014 and available at the commission website at www.puc.nh.gov/forms.

### PUC 806 MARKING THE TOLERANCE ZONE

#### PUC 806.01 Tolerance Zone.

(a) An operator shall use one of the following marking methods to mark the tolerance zone of an underground facility:

(1) The corridor marking method which shall be the practice of placing markers at either boundary of the tolerance zone, such that the markers will be 18 inches plus one- half the width of the facility away from the facility centerline;

(2) The centerline marking method which shall be the practice of placing markers directly over the centerline of the facility establishing boundaries at points located 18 inches plus one-half the width of the facility from the markers; or

(3) The offset marking method which shall be the practice of locating the centerline of the facility and placing markers at locations which parallel the facility.

(b) Any operator shall use the offset marking method only when it is impractical to use either the corridor or centerline methods, such as in marking in the traveled portion of an unpaved roadway.

(c) When marking an underground facility an operator shall mark the underground facility consistent with the color code for the utility type of the underground facility, as set forth in PUC 806.02.

(d) In the event an operator maintains 2 or more under- ground facilities in close proximity to each other within the area of the proposed excavation activity, and the corridor marking method is to be applied, the operator may mark one tolerance zone.

(e) When an operator marks 2 or more underground facilities as described in (d) above:

(1) The operator shall establish the boundaries of the tolerance zone by use of the corridor marking method by locating the boundaries of each separate underground facility and placing markers at the outer boundaries of the multiple underground facilities; and

(2) When the marking results in one area being marked, the operator shall inform the excavator of the mark- ing of each of the separate underground facilities within the marked boundaries, either verbally or by appropriate single markings pursuant to PUC 806.01.

(f) When an operator maintains 2 or more underground facilities in close proximity to each other within the area of the proposed excavation and the centerline marking method is to be applied, the operator shall place markers, conforming with PUC 806.01(a)(2), over the centerline of each facility.

(g) In the event the operator or member who owns and/ or operates an underground facility is unable to designate the location of the underground facility due to extraordinary circumstances:

(1) The operator or member shall notify the notification center and provide an estimated completion date;

(2) The notification center shall document on the existing notification ticket, utilizing an attachment message, that the utility is unable to designate the location of the underground facility; and

(3) The operator shall notify the excavator who called the notification center that it is unable to designate the location of the underground facility due to extraordinary circum- stances.

### PUC 806.02 Markers.

(a) Within 72 hours after receipt of notice from a proposed excavator or from the notification center of a proposed excavation, but not including Saturdays, Sundays and holidays, an operator or member of the notification center who owns or operates an underground facility, shall:

(1) Mark the location of its underground facility in the area of the proposed excavation; or

(2) If no underground facility is within the area of the proposed excavation, so notify the excavator pursuant to PUC 804.02(e).

(b) An operator who participates in an underground utility damage prevention system shall not be required to locate underground facilities not owned by the operator. Under- ground facilities which the owner shall not be required to locate shall include, but not be limited to, facilities running from a house to a garage or other outbuilding.

(c) An operator shall mark underground facilities by the use of paint, stakes, flags, or by any other means that clearly indicates the location of the underground facility.

(d) An operator shall consider the physical characteristics in the area of the proposed excavation in determining the type of marker to be used.

(e) Operators shall mark underground facilities according to the following color code:

(1) Red shall be used for underground facilities conveying electric power, electric cable conduits or lighting cables;

(2) Yellow shall be use for underground facilities conveying gas, oil, steam, petroleum, or gaseous materials;

(3) Orange shall be used for underground facilities used for communications, alarm, signal, communications cables, or communications conduit;

(4) Blue shall be used for underground facilities conveying potable water;

(5) Green shall be used for underground facilities conveying sewer or used for drain lines.

(6) Purple shall be used for underground facilities conveying reclaimed water such as used for irrigation or slurry lines.

(f) Excavators shall use the color white for the pre-marking of the boundaries of a proposed excavation, except as provided in (g) below.

(g) Excavators shall use pink for pre-marking when snow conditions would render white premarking not clearly visible.

PUC 806.03 Identification.

(a) When an operator marks its underground facility it shall indicate:

- (1) The width of the underground facility for all facilities greater than 1 inch nominal diameter;
- (2) The specific owner or operator of the underground facility; and
- (3) The function of the underground facility.
- (b) For purposes of PUC 806.03 (a)(3) functions shall be marked by using:
  - (1) The letter E for underground facilities conveying electricity;
  - (2) The letter G for underground facilities conveying gas;
  - (3) The letters PP for underground facilities conveying oil;
  - (4) The letters ST for underground facilities conveying steam;
  - (5) The letters CH for underground facilities conveying chemicals;
  - (6) The letter T for underground facilities containing telephone wires or cable;
  - (7) The letters CATV for underground facilities conveying cable television signals;
  - (8) The letters TC for underground facilities conveying traffic control information or signals;
  - (9) The letters FA for underground facilities conveying fire alarm information or signals;
  - (10) The letter W for underground facilities conveying water;
  - (11) The letters RW for underground facilities conveying reclaimed water;
  - (12) The letter S for underground facilities conveying sewage;
  - (13) The letters SS for underground facilities conveying storm sewage; and
  - (14) The letters SD shall be used for underground facilities used for storm drainage.

(c) An operator shall identify with markings any changes in direction or terminations occurring within the immediate area of the proposed excavation with arrows or other ap- propriate indicators.

#### PUC 806.04 Emergency Procedures.

(a) Each operator and member of the notification center who owns or operates underground facilities, or both, shall develop internal practices and procedures to:

- (1) Receive and respond to emergency notifications; and
- (2) Mark the location of facilities in emergency situations.

### PUC 806.05 Marking Certain Newly Installed Underground Facilities.

(a) Upon completing the installation of new underground facilities within an area that has been subject to excavator notification and premarking pursuant to PUC 805.01, an operator shall make reasonable efforts to communicate the existence of such facilities if they are covered with soil or other material that impairs their visibility.

(b) For purposes of (a) above, reasonable efforts shall include:

(1) Marking the tolerance zone in accordance with 806.01, 806.02, 806.03, and 806.04;

(2) Contacting the excavator with information regarding the presence of the newly constructed facilities; or

(3) Leaving a tag or marker clearly indicating the presence of the newly constructed facilities with contact information.

### PUC 807 ENFORCEMENT PROCEDURES

### PUC 807.01 Investigation of Complaints.

(a) The notification center shall institute procedures to receive and resolve complaints of excavators, operators, owners or operators of underground facilities, members, and the general public.

(b) Owners and operators of underground facilities shall institute procedures to receive and resolve complaints of excavators and the general public.

(c) The commission staff shall consider and decide un- resolved complaints pursuant to the procedures established in PUC 807.02 through 807.07.

(d) An unresolved dispute relating to PUC 800 which is appealed in writing to the commission shall be handled as follows:

(1) The matter shall be treated as a request for an adjudicatory proceeding; pursuant to the procedures established in PUC 200; and

(2) The parties to the dispute shall have a right of appeal by petition to the New Hampshire Supreme Court pursuant to RSA 541:6.

### PUC 807.02 Notice of Probable Violation.

(a) In the event the commission staff determines that a probable violation of RSA 374:48-56, PUC 800, or both, has occurred, staff shall issue a written notice of probable violation (NOPV) to the party alleged to have committed the violation.

(b) The commission staff shall send information regarding the NOPV by certified mail to the party noticed in the probable violation.

- (c) The NOPV shall include the following:
  - (1) A description of the probable violation and reference to the rule or statute regarded as violated;
  - (2) The date and location of the probable violation;

(3) A statement notifying the party or parties in- volved that civil penalties might be imposed pursuant to RSA 374:48-56, in the event of unfavorable judgment;

- (4) Statutory rights of the respondent as enumerated in RSA 374:48-56; and
- (5) Procedures for resolving the complaint.

(d) Any owner or operator of an underground facility involved in the NOPV shall provide a representative for any informal conference or hearing scheduled pursuant to PUC 800.

PUC 807.03 Alternative Responses to Notice of Prob- able Violation.

(a) Upon receipt of the NOPV the respondent shall either:

(1) Submit to the commission within 30 days, in writing, evidence refuting the probable violation referenced in the NOPV;

(2) Request in writing within 30 days, an informal conference with commission staff to examine the basis of the probable violation: or

(3) Execute a consent agreement with the commission resolving the probable violation.

(b) If the respondent requests an informal conference pursuant to (a)(2) above, the commission staff shall set a date and time for the informal conference.

### PUC 807.04 Notice of Violation.

(a) If the commission or commission staff involved in the damage prevention program, after reviewing evidence and testimony obtained in writing or conferences, deter- mines that a violation of RSA 374:48-56, PUC 800, or both, has occurred, the commission or commission staff involved in the damage prevention program shall issue a notice of violation (NOV) to the respondent pursuant to RSA 374:55, VII.

(b) The NOV so issued shall include:

(1) The factual and statutory basis for the unfavorable preliminary determination;

(2) A description of factors relied upon by commission staff in making its determination, such as the gravity of the violation, history of prior violations, degree of culpability of the respondent, how quickly the respondent took action to rectify the situation, cooperativeness of respondent, and any other factors which would tend to either aggravate or mitigate the violation;

- (3) The civil penalty, if any, proposed to be imposed;
- (4) Procedures for remitting penalty; and
- (5) Statutory rights of the respondent as enumerated in RSA 374:48-56.

PUC 807.05 Response to Notice of Violation.

- (a) Within 10 days from receipt of the NOV, the respondent shall either:
  - (1) Sign a consent agreement and remit the civil penalty; or
  - (2) File a request in writing for a hearing before the commission.

### PUC 807.06 Commission Action.

(a) The commission shall act upon staff's recommendation unless the respondent requests a hearing pursuant to PUC 807.05(a)(2).

(b) Upon receipt of a hearing request under PUC 807.05(a)(2), the commission shall provide the respondent with notice and an opportunity for a hearing, held pursuant to PUC 200.

(c) At any hearing held under (b) above, the respondent may show by a preponderance of the evidence why the commission or designated commission staff determination should be changed.

#### PUC 807.07 Civil Penalties.

(a) If the commission or designated commission staff within the division of safety finds reason to issue an NOV, the commission or designated commission staff shall pro- pose to assess a civil penalty pursuant to RSA 374:55.

(b) In determining the assessment, the following factors shall be considered:

(1) The severity of the consequences resulting from the violation such that the more severe the consequences, the higher the civil penalty, the gravity of the violation, degree of culpability of the respondent, cooperativeness of respondent, history of prior violations, and other factors which would tend to aggravate fault; and

(2) Mitigating circumstances, such as how quickly the excavator took action to rectify the situation, how much control the excavator had over the situation, and other circumstance which would tend to lessen fault.



Thank you for Reading This Manual. Please Continue to Dig Safe!