

Public Awareness and Pipeline Safety

Pipeline Safety Trust

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Executive Director

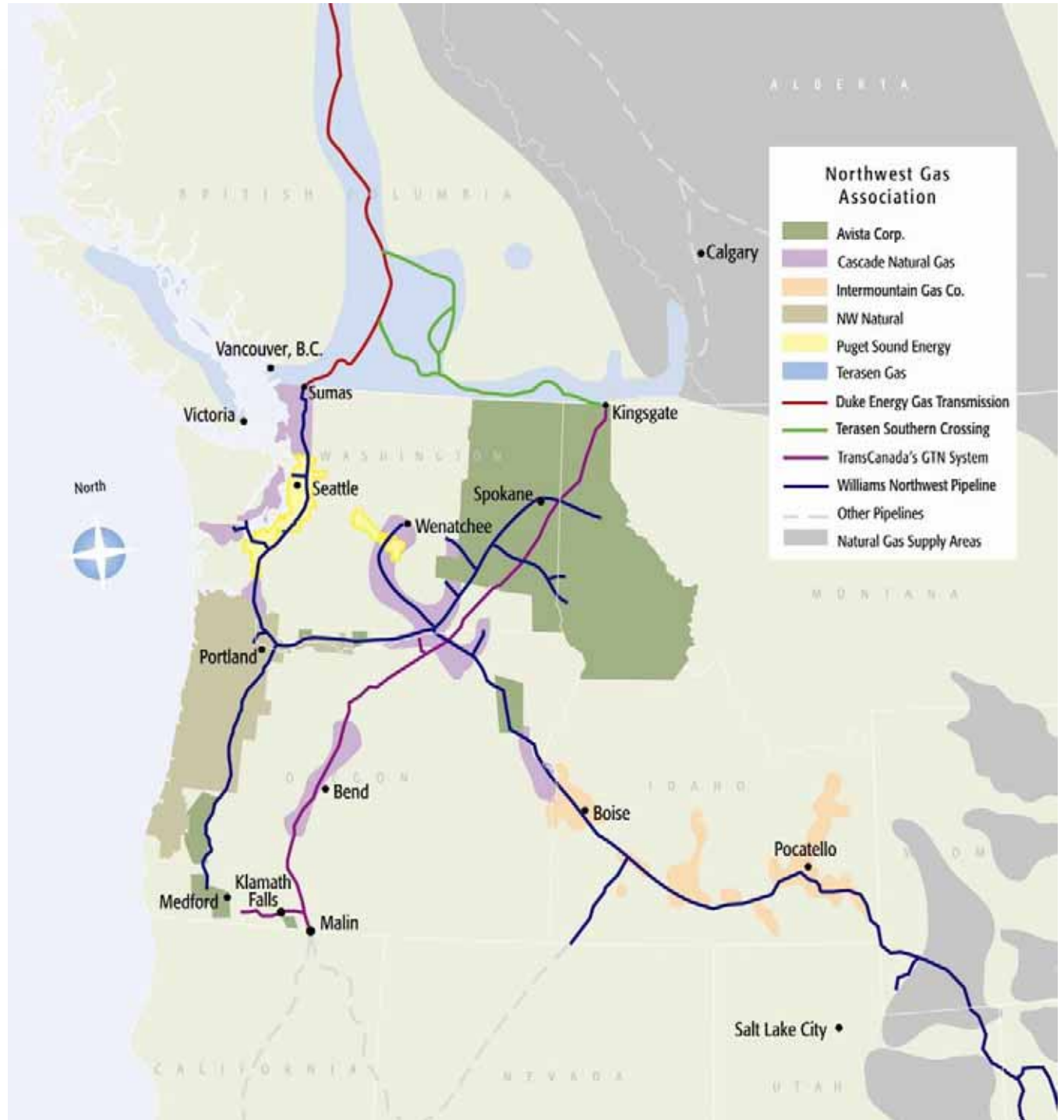




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NWGA Members:

- Avista Corporation
- Cascade Natural Gas Co.
- Intermountain Gas Co.
- NW Natural
- Puget Sound Energy
- Duke Energy Gas Transmission
- Terasen Gas
- TransCanada's GTN System
- Williams NW Pipeline



Public Awareness and Pipeline Safety

- ◆ Public's right to know where pipelines are
 - Understand and assess risk
 - Partner in safety
- ◆ Owner's responsibility to operate safely and securely
 - Ensuring the public has access to appropriate and useful information
 - How much information is too much?

Public Awareness Drivers

- ◆ Federal mandate: 02 Pipeline Safety Improvement Act
 - OPS incorporated API RP 1162 in 49 CFR Parts 192 and 195
 - RP 1162 a set of guidelines/best practices for Public Awareness programs developed by
 - ◆ Industry representatives
 - ◆ Office of Pipeline Safety
 - ◆ National Assn. of Pipeline Safety Representatives
 - ◆ Public stakeholders

- ◆ Enlightened Self-Interest
 - Improved Pipeline Safety
 - Enhanced Damage Prevention
 - Effective Emergency Response
 - Emergency Contacts

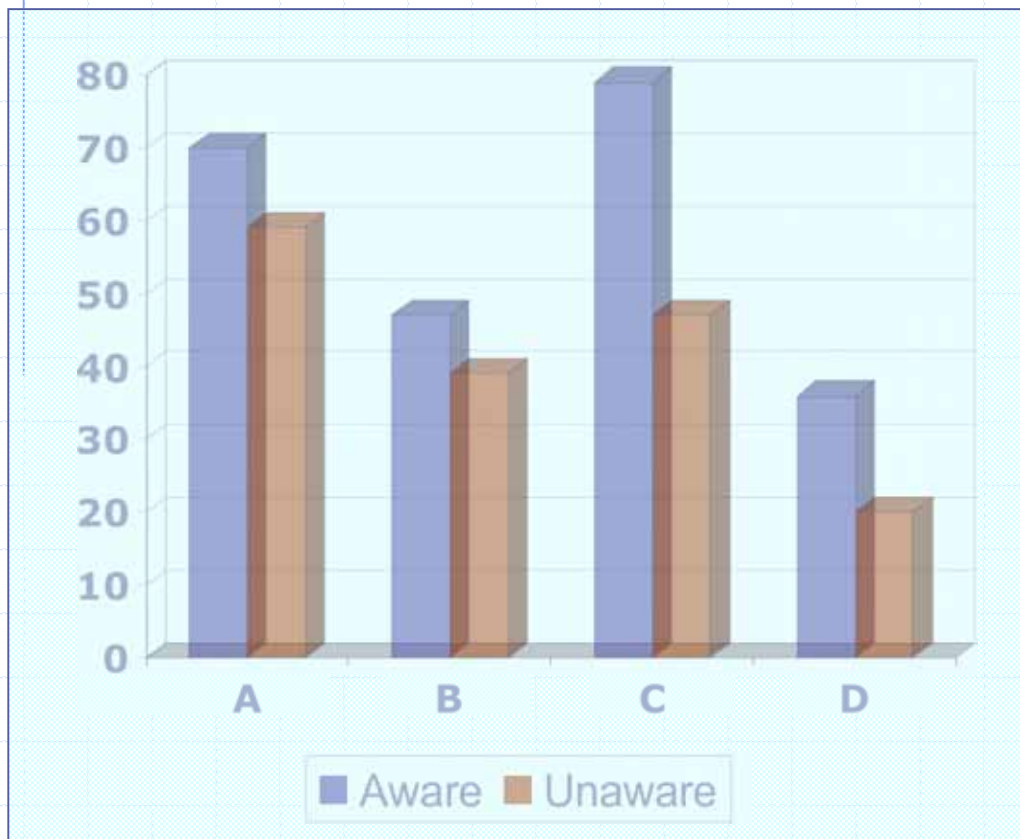
Establishing a Baseline

- ◆ WUTC-commissioned research questions
 - What do people who live along pipelines NEED to know?
 - What do they WANT to know?
 - How can we BEST keep them informed?
- ◆ Research methodology
 - Review existing published data
 - Key Leader/Organizational interviews
 - Public Opinion Research
 - ◆ 500 Statewide + 400 Pipeline; error +/- 4.5%
 - ◆ Focus groups

What they don't know

- ◆ More than 60 percent living within 1,000 feet of major pipeline knew it
- ◆ Only 45 percent said they knew whom to call in a pipeline emergency.

To be or not to be (aware)

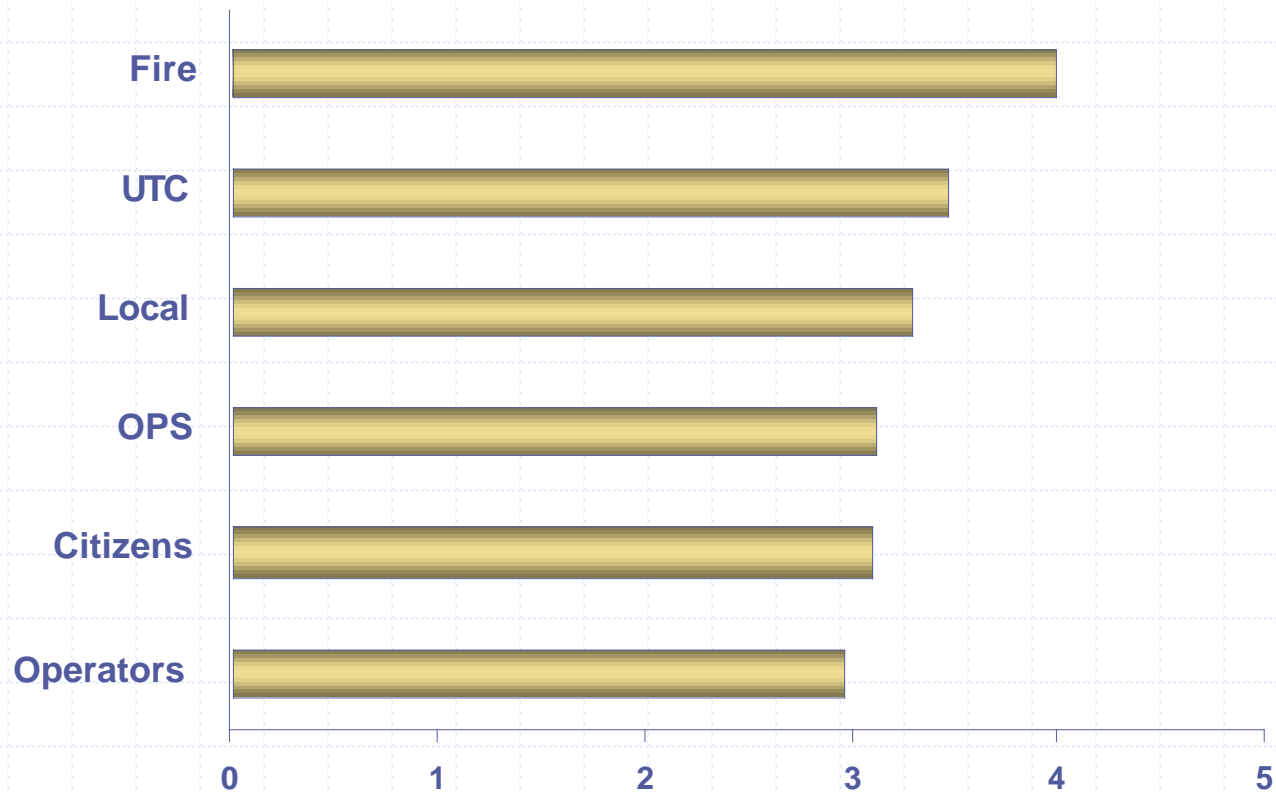


- A. More likely to strongly agree pipelines essential
- B. More likely to strongly believe safer than trucks & barges
- C. More likely to feel safer living near a pipeline
- D. More likely to pay attention

Key to awareness

- ◆ Those aware want to receive information
 - Canvassing & direct mail preferred
- ◆ Those unaware want info available when THEY want it

Who has the trust?



1 = No trust

5 = great trust

WUTC Recommendations

- ◆ Cohesive, coordinated message
- ◆ Use existing communication channels
- ◆ Unite expertise with credibility
- ◆ Focus on personal contacts
- ◆ One-stop information location
- ◆ Common visual tool/branding

RP 1162 Principle Objectives

- ◆ Make public education and pipeline awareness campaigns along pipeline routes more effective by standardizing frequency and content
- ◆ Provide recommended baseline public awareness program and guidance for determining supplemental activities
- ◆ Measure effectiveness; provide guidance for continuous improvement



So, What's the Rub?

Making Useful Information Available Without Compromising Security

◆ Post B'ham/Carlsbad; pre 9/11

- NPMS to the web
- WA Pipeline Safety Act calls for creation of statewide geospatial (GIS) database
 - ◆ For first responders/local jurisdictions

◆ Post 9/11

- Retrench; recognition of CEII and securing certain information from disclosure

◆ Present

Federal

- ◆ PHMSA posting NPMS to the web with certain restrictions (Public Viewer)
- ◆ Data sharing restrictions lifted for county and local government users
- ◆ Nothing will change for Federal users, state users, and pipeline operator users

Public Access - Federal

◆ **Public may view NPMS maps for one county per session**

- **Adjacent county pipeline data will be hidden**
- **Level of detail limited to 1:24,000**
- **Certain layers will be removed**
 - *Unusually Sensitive Areas*
 - *Public facilities (schools, nursing homes, etc.)*
 - *Quads and aerial photographs*

◆ **Public will not have access to raw (downloadable) data**

Washington State

- ◆ Leader in pipeline safety and public awareness efforts
 - Bellingham legacy
 - ◆ Citizens Committee on Pipeline Safety
 - ◆ Pipeline Safety Trust
 - Maps and map images publicly available since 2004
 - Maps on the web

User interface www.wutc.wa.gov/pipelinemaps

Pipeline Map Demonstration Project

The maps contained in this site show hazardous liquid pipelines and high-pressure natural gas pipelines (>250 psig). There are pipelines in 27 counties. This project shows maps from five counties:

[Whatcom](#)

[King](#)

[Thurston](#)

[Benton](#)

[Spokane](#)

This is a pilot project to test public interest in web access to this information.

Please let us know what you think.

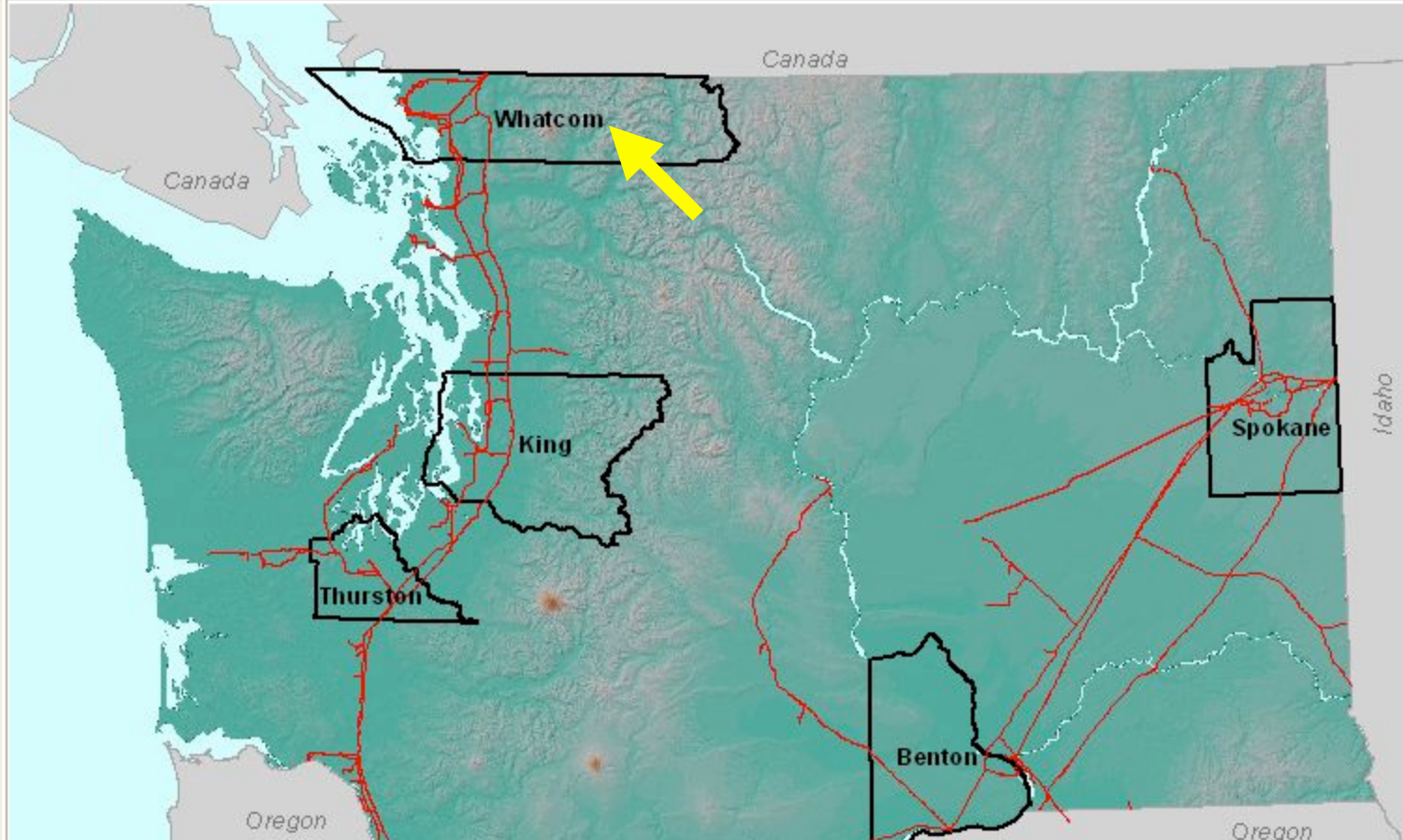
E-mail Tim Sweeney at tsweeney@wutc.wa.gov

These maps must NOT be used to determine where you can dig safely.

Under state law, you **MUST** call **1-800-424-5555** two business days before you do any digging, even on your own property.

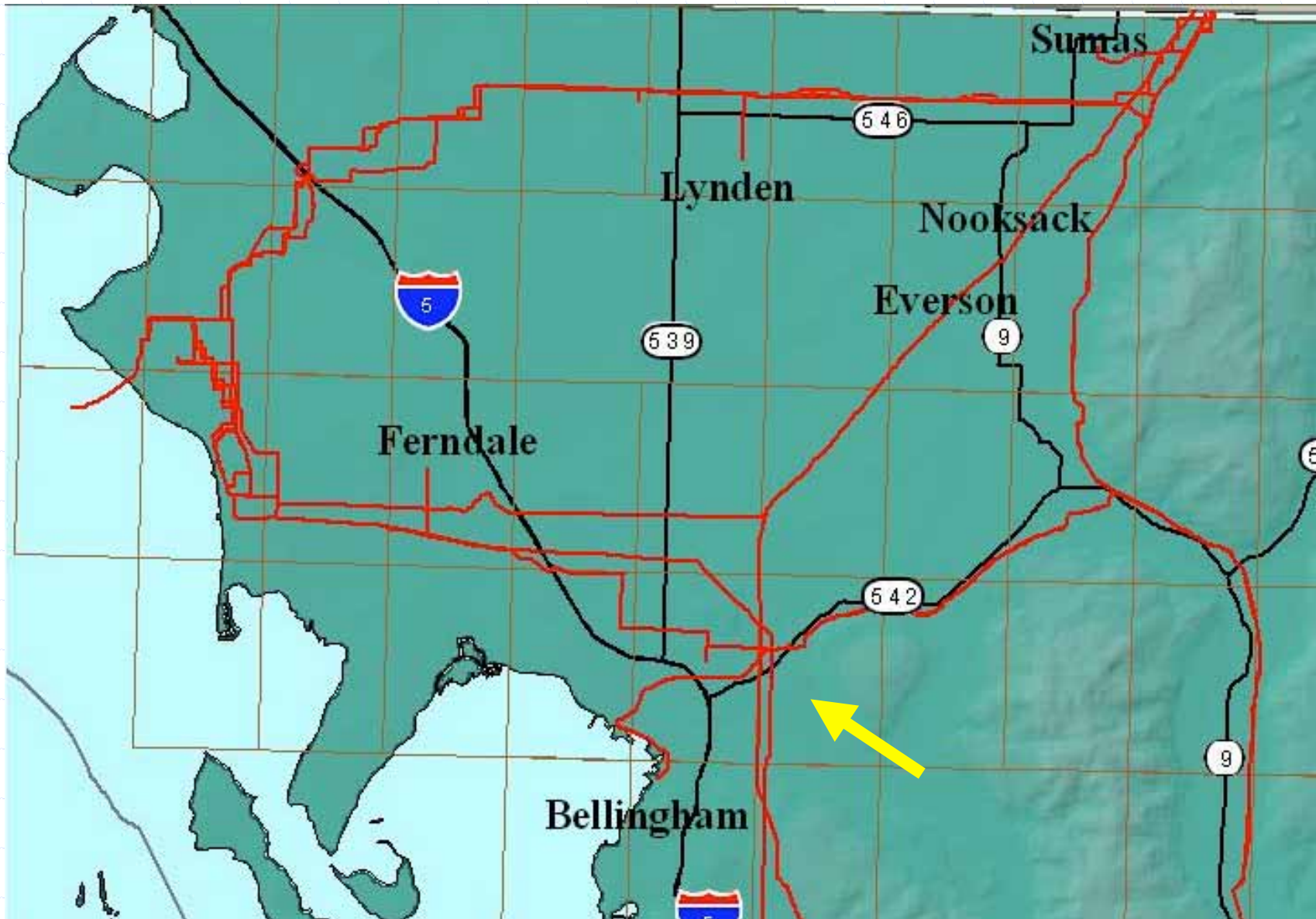
This timely call will allow utility companies to clearly mark the ground under which their facilities are located, **BEFORE YOU DIG.**

Pipelines are shown in red.

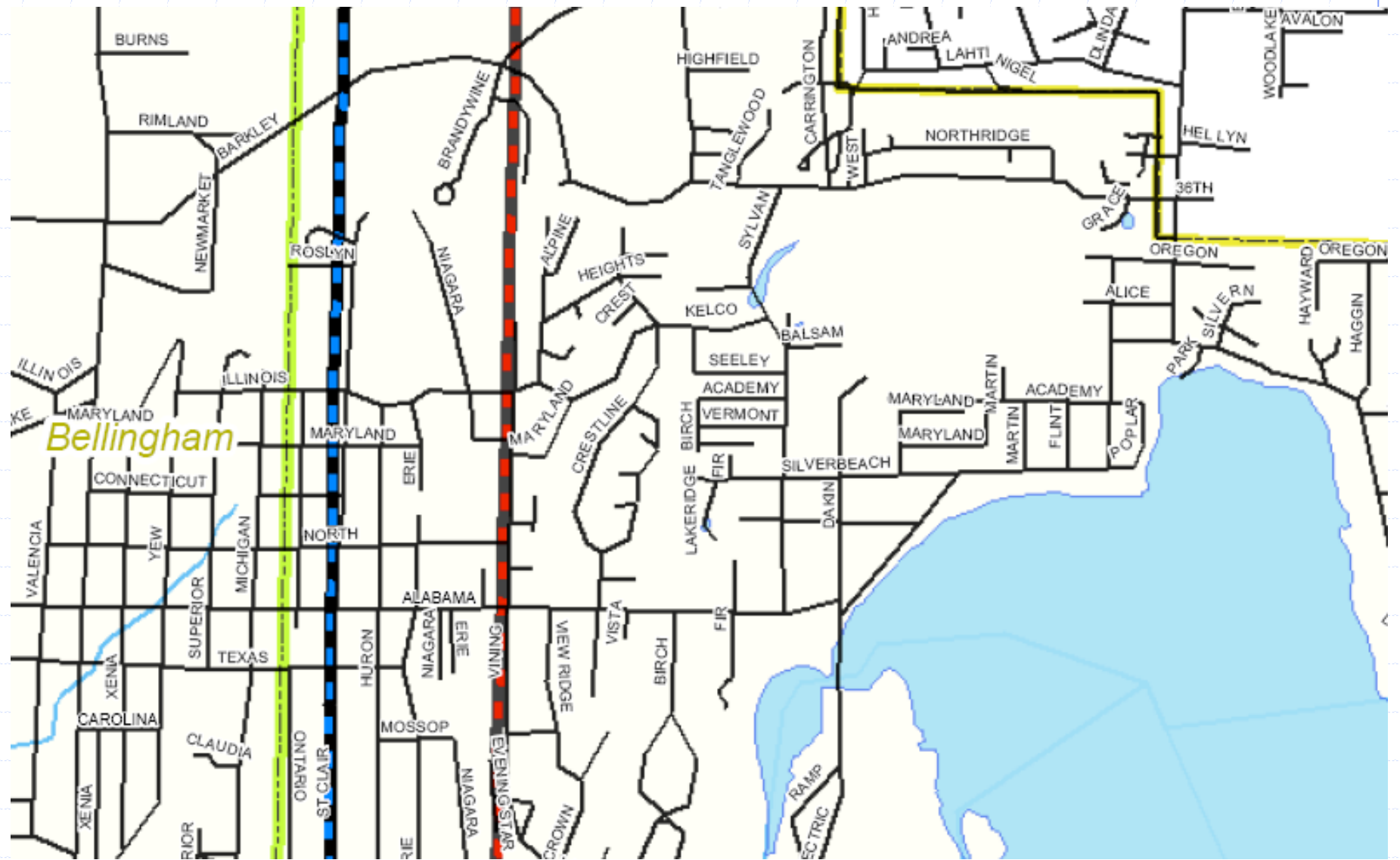


The map displays the state of Washington with a topographic background. Five counties are outlined in black: Whatcom (north), King (central), Thurston (southwest), Benton (south), and Spokane (east). A network of red lines, representing pipelines, is overlaid on the map. A yellow arrow points to the Whatcom county area. The map is bordered by Canada to the north and west, and Oregon to the south and east. The word 'Canada' is written in the top left and top right corners. 'Oregon' is written in the bottom left and bottom right corners. 'Idaho' is written vertically on the right side.

County



1:24,000



Disposition of Raw data

- ◆ Subject to public disclosure (???)
 - An artifact of law; not intentional
 - Feds don't; but preemption unclear
 - No other state treats data similarly
 - BC, AB carefully managed
- ◆ Managing the situation
 - Sought voluntary withdrawal of data requests
 - Sought statutory change
 - Forced into litigation

Conclusion

◆ Striking the right balance

■ Public Awareness Is Vital

◆ Investing in

■ Informing partners

■ First responders

■ RoW landowners/residents

■ Providing communities with appropriate, useful information

■ Maps and map images

■ Certain Information Must Be Secured;

◆ Shared with regulators, state and local jurisdictions

◆ Otherwise shared with discretion and conditionally



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