



Alliance Pipeline Public Awareness

PHMSA /NAPSR Public Awareness Conference

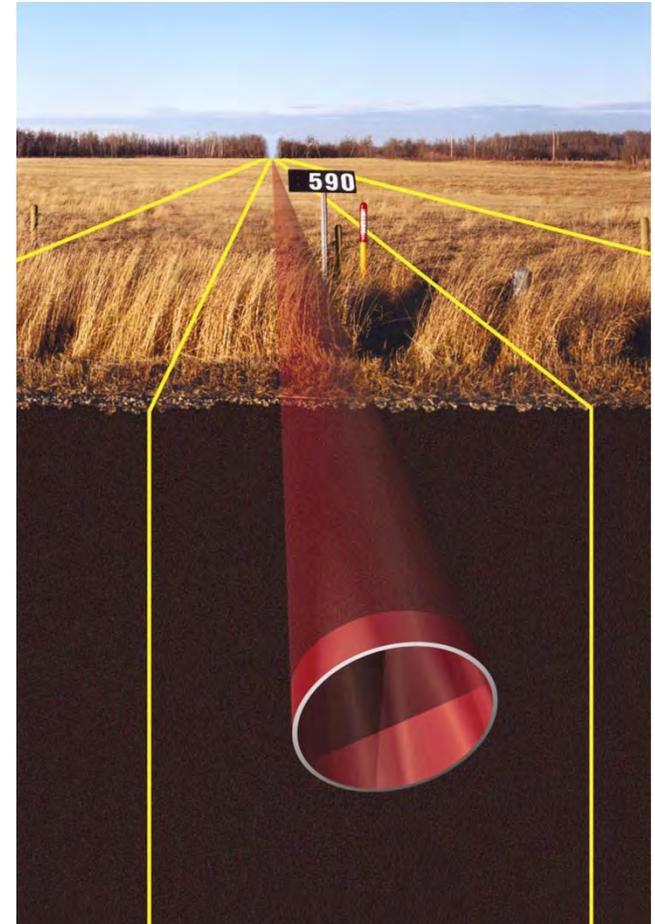
Sally Fossum, Public Awareness Coordinator

June 30, 2010



Alliance Pipeline

- Rich, natural gas
- High pressure design (1935 psi)
- 36" diameter
- 1.365 Bcf contract capacity
- In service December 2000





- ▲ Mainline Compressor Stations
- ▲ Lateral Compressor Stations
- ★ Area Offices
- ★ Head Offices

Managing Safety

- Monitoring
 - 24/7 Gas Control Center: SCADA
 - Satellite communications
 - Aerial/visual patrols
- In-Line Inspection
- Corrosion Control
 - Cathodic protection
- Marker Posts
- Damage Prevention
- **Public Awareness**



Stakeholder Communication

- Newsletters
- Maintenance notifications
 - PA Letterhead
- Calendars
- Pipeline Markers – added 811 sticker
- Sponsorships (Community Investment)
- Advertisements
- Website www.alliancepipeline.com
- Landowner Kits
- PAPA



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

Informational Mailers



www.pipelineawareness.org

2010 EXCAVATION SAFETY GUIDE & DIRECTORY

Everyday safety

Safety every day

PIPELINE EDITION

Provided by Pipeline Association for Public Awareness

Pipeline Emergency Response Guidelines

Pipeline Association for Public Awareness
www.pipelineawareness.org

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PIPELINE Awareness
 Safety Information for Public Officials

VOLUME 3, ISSUE 1 PIPELINE ASSOCIATION FOR PUBLIC AWARENESS FALL 2008

Energy Demand Drives Need For New Infrastructure
 High gas prices have focused attention on almost every aspect of the oil and gas industry in recent months. You can't turn on a TV or pick up a newspaper without seeing some information on the industry. With all the attention being paid to energy, it might surprise you that another major story isn't being covered: new pipeline infrastructure being planned across the nation.

The build-out can be attributed to a number of factors. Several major natural gas developments in Texas, Arkansas, Pennsylvania and Wyoming are generating plentiful new supplies of the necessary commodity. At the same time, an area of northern Alberta, Canada is being developed to produce oil-rich tar sands. There is also renewed interest in producing domestic oil and gas from existing fields due to higher prices and consumer demand.

Many existing pipeline systems are full or don't deliver to areas where resources are needed by consumers. The result is the largest build-out of pipeline infrastructure the nation has ever experienced. Natural gas pipelines are being designed and built from West to East and new crude oil lines are being proposed that would travel from Canada to the Midwest or Gulf Coast regions.

Turn to page 5 for a map of energy producing regions and some of the proposed pipeline projects.

Pipeline Operators Take Steps to Promote Safety
 Pipeline operators take aggressive steps to ensure the integrity and safety of pipeline systems. Monitoring operations twenty-four hours a day, 365 days a year, on-going maintenance, aerial and foot patrols, cathodic protection and integrity management programs are just a few activities in which operators engage in to protect the pipeline and the surrounding communities. Despite these extensive precautions, accidents can happen.

Operators and regulators constantly evaluate the cause of pipeline releases. Understanding why an accident occurs enables operators to avoid or prevent future incidents. Over the course of the last two decades, the pipeline industry has significantly reduced the number of incidents impacting people and the environment.

The leading cause of pipeline incidents remains damage by third-party excavation. According to the Pipeline and Hazardous Materials Safety Administration (PHMSA) people digging into pipelines cause almost 35 percent of pipeline accidents. This is followed by human error, material failure, natural forces and corrosion, respectively.

To address third-party damage, the pipeline industry and other concerned stakeholders formed a national coalition, the Common Ground Alliance (CGA), to address the issue. The coalition includes pipeline operators, local distribution companies, emergency response training, land-use planning and communicating with landowners.

PHMSA NAPS Public Awareness Conference, Houston, TX
 On the Inside: Land-Use Planning • Communicating with Landowners •

Communication Survey

- Summer, 2007



Alliance Pipeline • Summer 2007

LANDOWNER NEWSLETTER

Welcome to the summer edition of Beneath the Surface. In this issue we profile work along the pipeline, important safety information, and community news. We're also continuing our Meet Alliance feature, introducing you to our employees that live and work across the pipeline system.

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New in the U.S. – Call 811 Before You Dig!

Effective May 1, 2007, the new 811 national "Call Before You Dig" phone number went live. This 3-digit number quickly and easily connects you to your local One-Call Center to begin the process of getting underground utility lines located and marked by your local utility companies. The key advantage of 811 is that you only have to remember one number, eliminating the confusion of contacting multiple One-Call Centers.

Safety – of our system, the environment and the communities we operate in – is our number one priority. Do your part to prevent damage to all underground utilities, by CALLING BEFORE YOU DIG! Visit www.call811.com for more information.



ALONG THE LINE Close-Interval Surveys

A Close-Interval Survey (CIS) is an external pipeline assessment which involves checking the performance of the system's cathodic protection and visually examining the pipeline right-of-way for signs of unauthorized digging or encroachments. The 2007 CIS inspections of the U.S. portion of the pipeline route are nearing completion. At the same time, our crews have been checking to see if line markers need replacing, and testing above ground valves and equipment to ensure they are in good working order. This program will be completed in 2008.

Preventative measures, such as CIS, is one component of the Alliance Pipeline Integrity Management Program. The Program also includes aerial and foot patrols and in-line inspections of the pipeline to monitor for corrosion, excavation activity and assess the integrity of the steel and coating.

We want to hear from you...

Enclosed is a feedback form that we'd like you to complete. Anyone completing the reply paid card will receive a choice of gifts. Your comments help us evaluate whether you find this newsletter informative and relevant.



Cathodic protection is a method used to protect buried structures, such as pipelines, by electrochemical corrosion control.

MAOP – Optimization Phase 2

In July 2006, Alliance Pipeline received approval from the Department of Transportation (DOT) to optimize system efficiency by increasing the Maximum Allowable Operating Pressure (MAOP). After following rigorous standards and procedures, we are ready to proceed with the second, and final phase to increase the operating pressure by 195 psi.

"The Alliance system is one of the newest, most technologically advanced pipeline systems in North America" says Mike McGrath, U.S. Integrity & Compliance Coordinator. Because of this foundation and the fulfillment of specifications and requirement standards, regulatory agencies have permitted the modified MAOP. Maximizing the efficiency of the Alliance system reduces the need to construct new pipelines required to meet the increasing energy needs in the U.S.



Incentives



PHMSA NAPSR Public Awareness Conference, Houston, TX

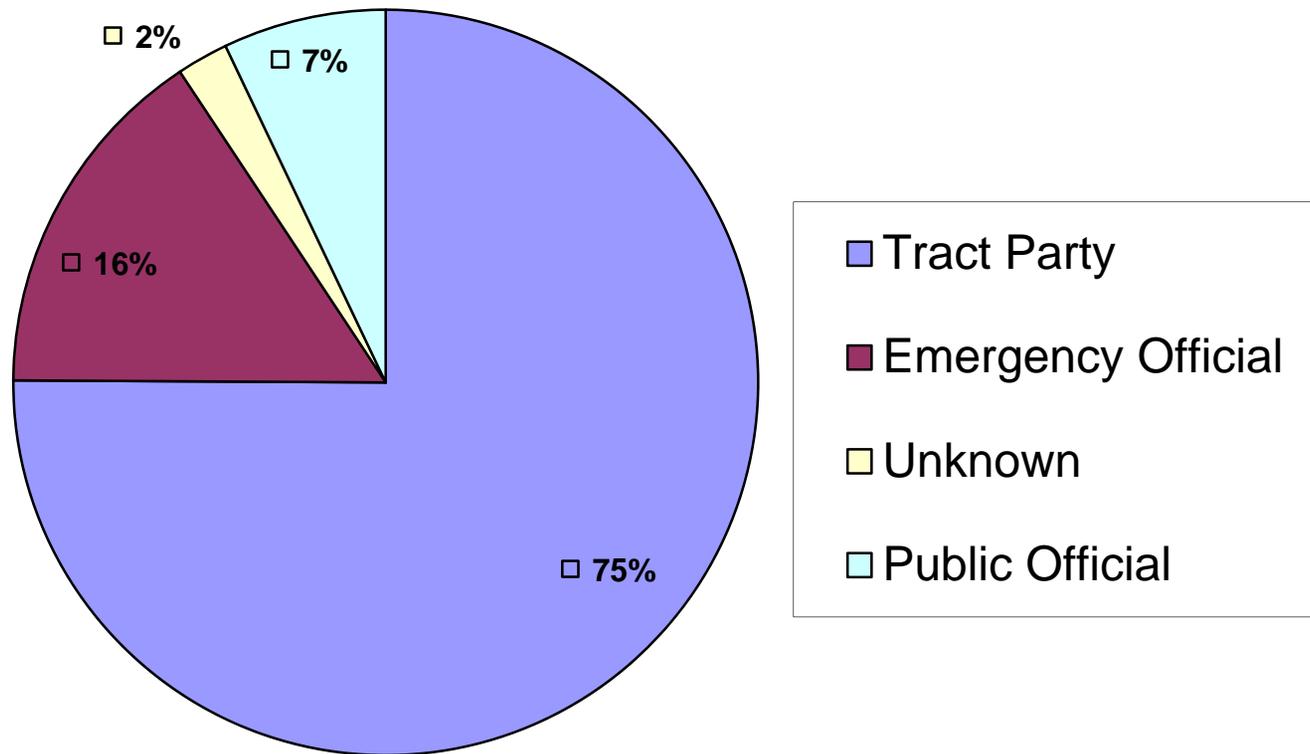
Response Rates

- Mailed 6355 Newsletters with BRC
- Received 1013 completed BRC

	ND	MN	IA	IL
Mailed	1565	2008	1580	1184
Returned	260	345	277	107
	16.61%	17.18%	17.53%	9.04%

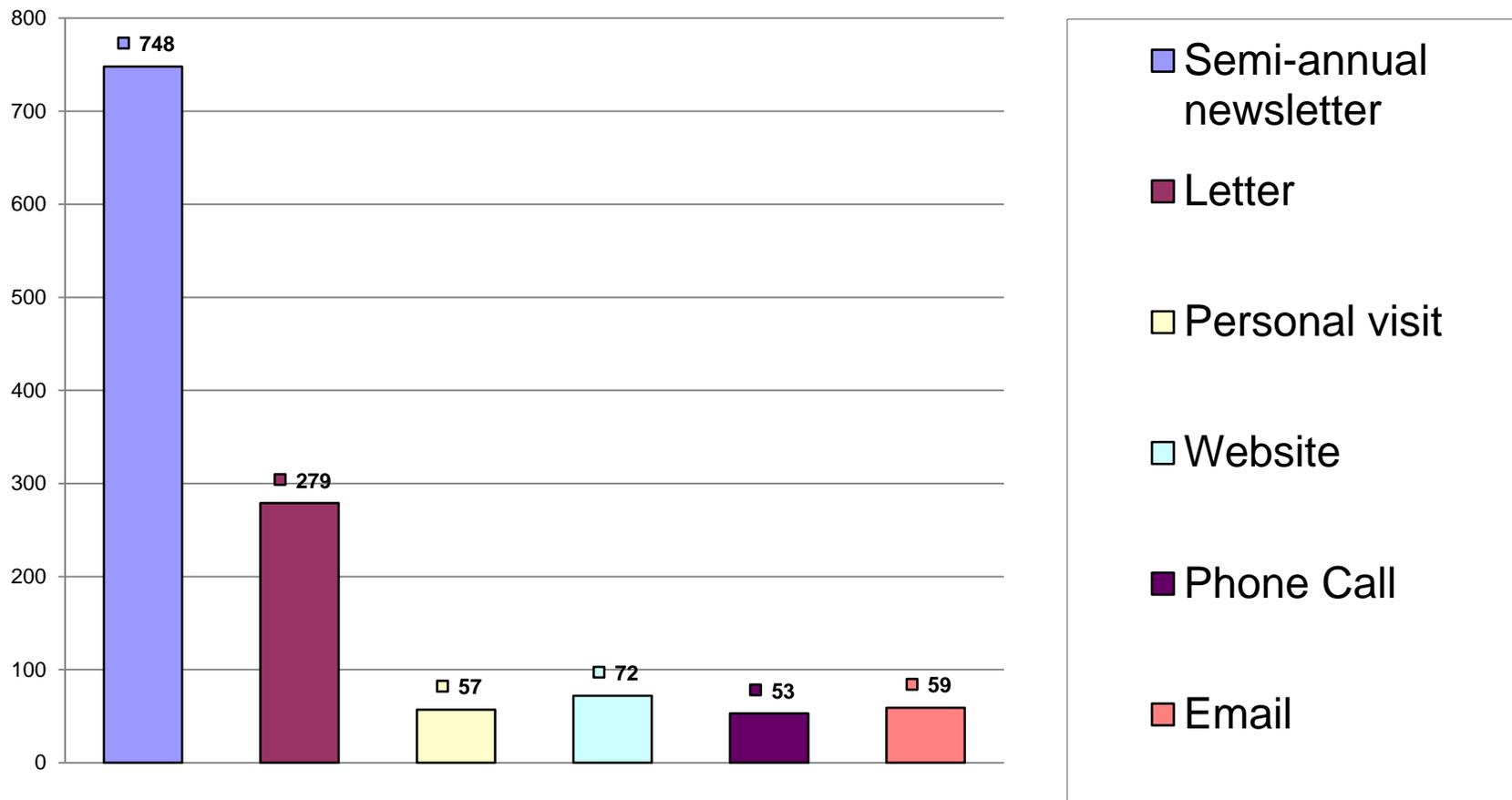
Response by Stakeholder

Stakeholder Audience

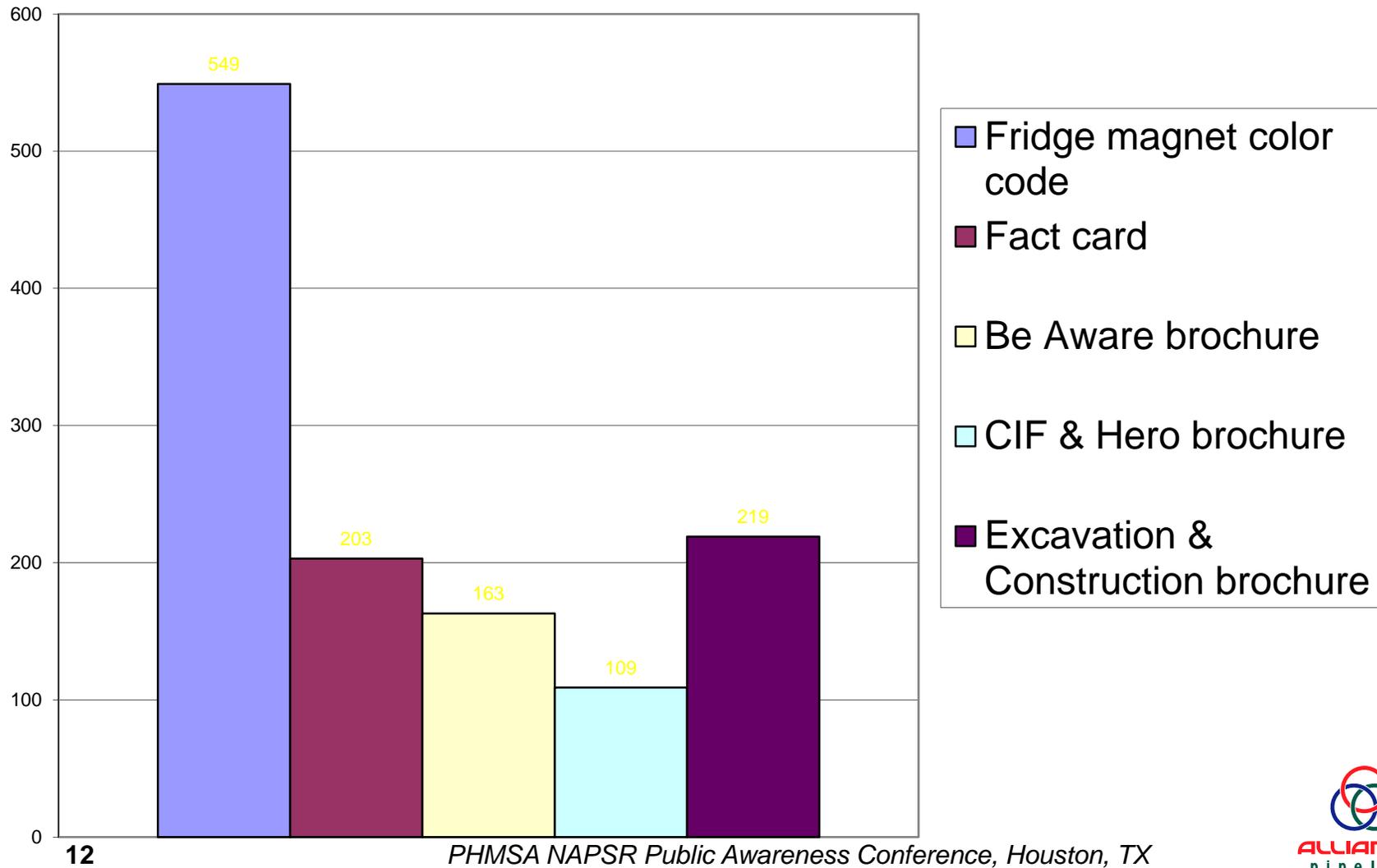


Communication Preferences

What would be the most effective way for Alliance to keep you informed about our activities?

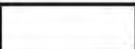


Request for additional items

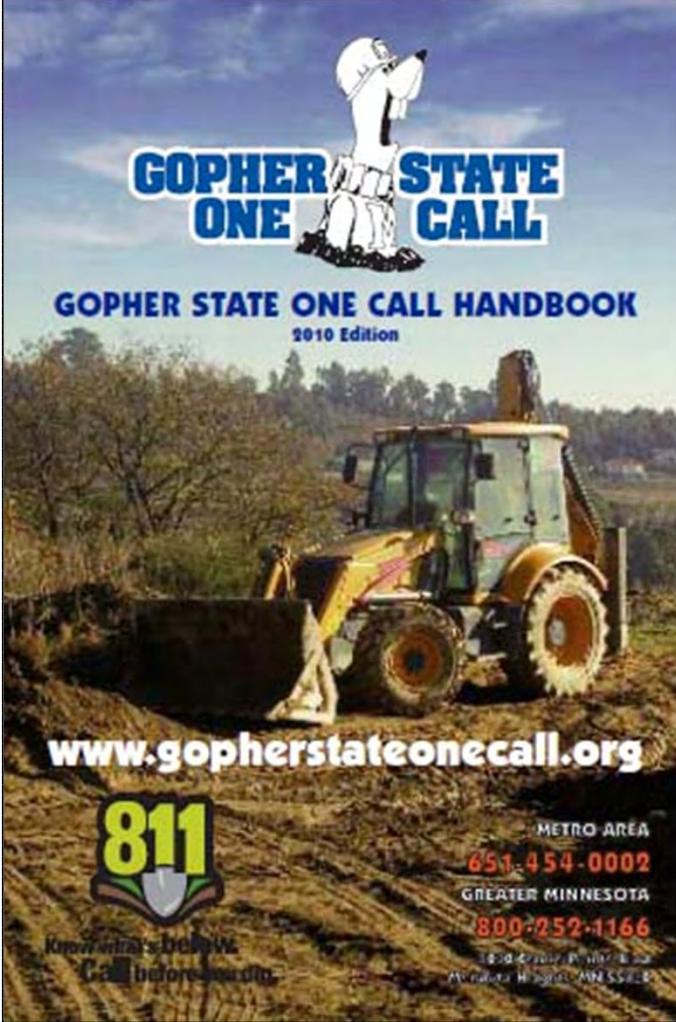


Request for Info

**UNIFORM COLOR CODE
FOR MARKING
UNDERGROUND UTILITY LINES**

	PROPOSED EXCAVATION
	TEMPORARY SURVEY MARKINGS
	ELECTRIC POWERLINES, CABLES, CONDUIT AND LIGHTING CABLES
	GAS, OIL, STEAM, PETROLEUM OR GASEOUS MATERIALS
	COMMUNICATION, ALARM OR SIGNAL LINES, CABLES OR CONDUIT
	POTABLE WATER
	RECLAIMED WATER, IRRIGATION AND SLURRY LINES
	SEWERS AND DRAIN LINES

IN AN EMERGENCY dial **911**



GOPHER STATE ONE CALL

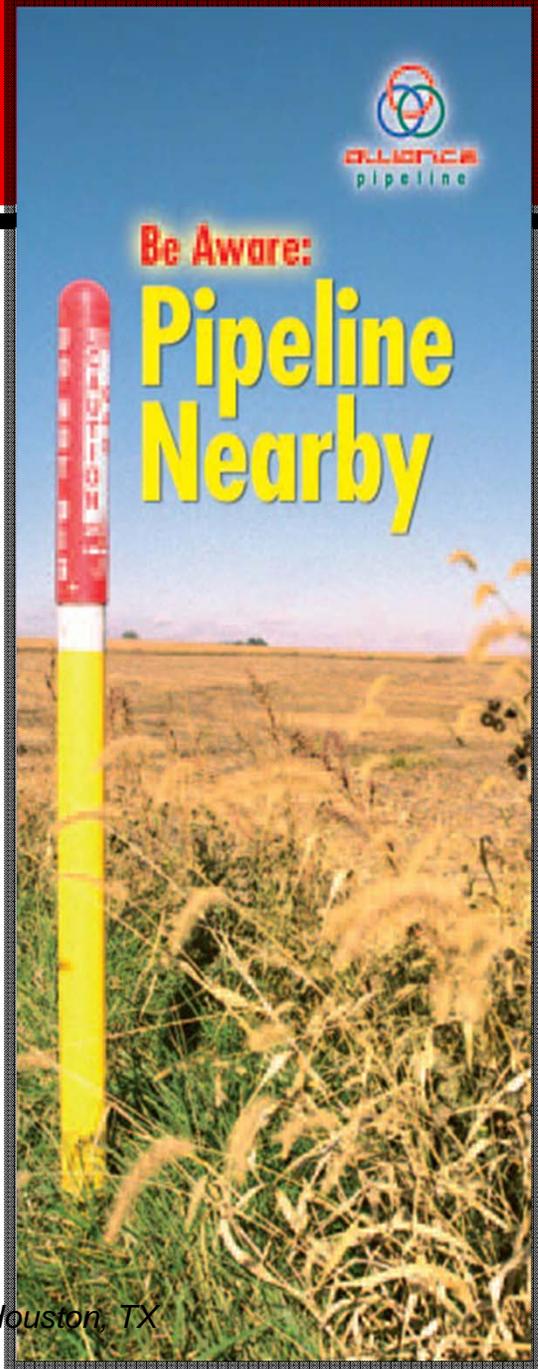
GOPHER STATE ONE CALL HANDBOOK
2010 Edition

www.gopherstateonecall.org

811

Know what's below.
Call before you dig.

METRO AREA
651-454-0002
GREATER MINNESOTA
800-252-1166



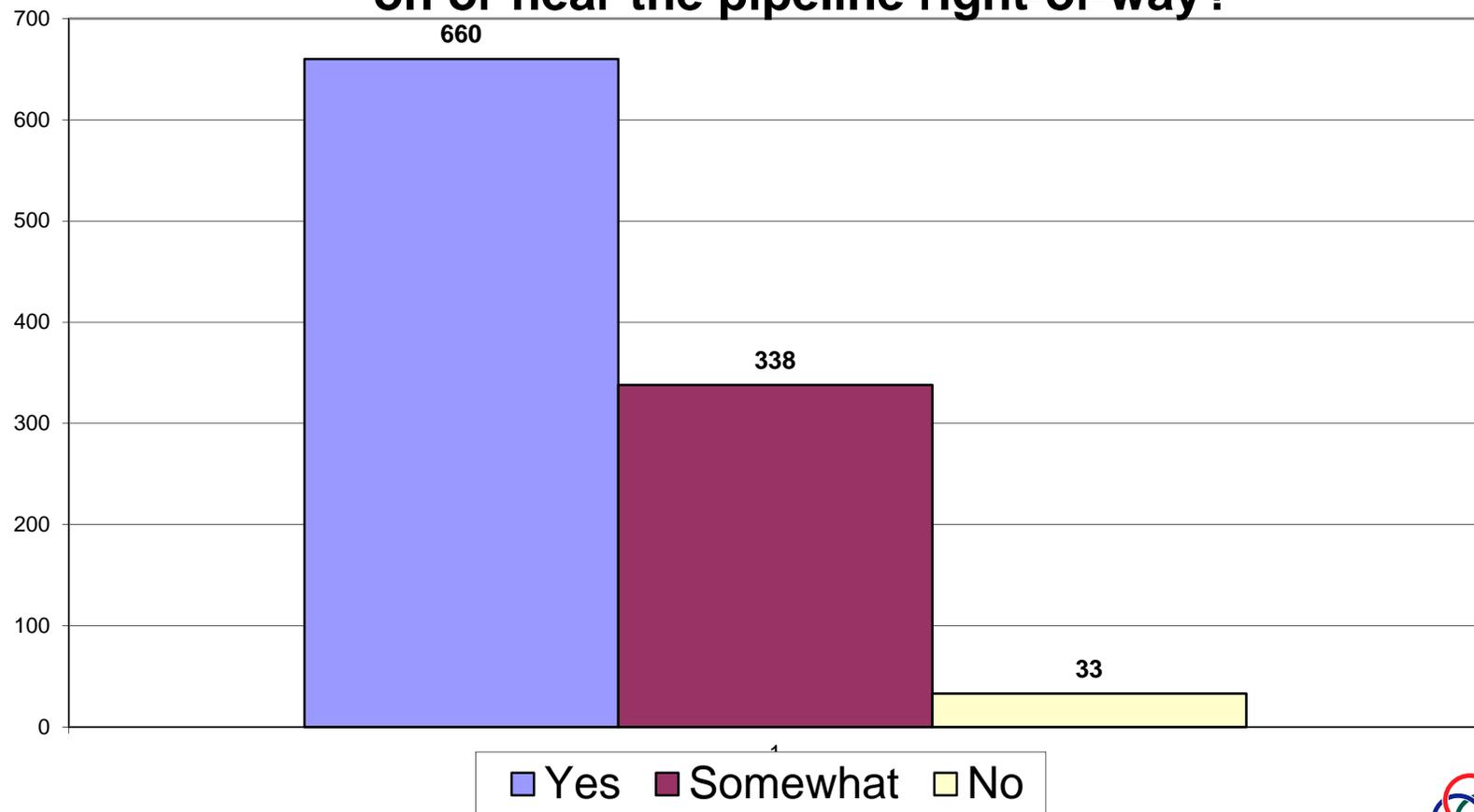


Be Aware:
Pipeline Nearby

CAUTION

Follow-up Required

Do you know the requirements for working safely on or near the pipeline right-of-way?



Lessons Learned

- Underestimated:
 - Return Postcard Postage
 - Gift Items
 - Manpower
 - Timing
- Valuable Insight:
 - Open direct communications
 - Reinforce public awareness / damage prevention messaging



Survey Comments

- *Any time Alliance has crew or representatives here they're very courteous and thoughtful*
- *Is there another pipeline scheduled to be put in anytime soon?*
- *Keep (me) informed of any activity in area of pipeline*
- *Overall great awareness program*
- *Just keep our area safe*
- *I receive two letters...why?*
- *Note address change*
- *Very good newsletter and liked your recipe section*
- *In event of crop failure reimburse our crops in a fair honest value*
- *What anti-terrorist measures are in place at the compressor stations?*
- *Just find a way to make the crops grow better over the pipeline*
- *I enjoy your plane flying over. Thank you for the intense care you have for the pipeline and residence along the line.*

Feedback

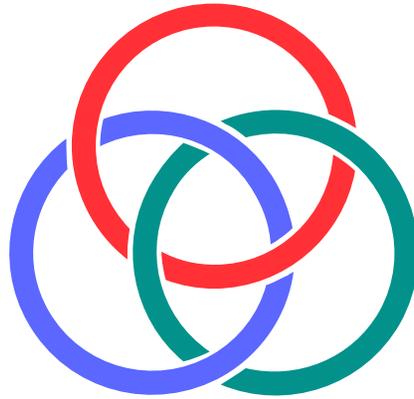
Subject: Communication Survey gifts

I would like to thank you for the gloves you sent us for the Communication Survey. When Lowell requested a BBQ beef recipe, we were not expecting a personal reply, rather one printed in your next newsletter. I do thank you. The "Mom's Sloppy Joes" was accepted very well. Lowell said "It's from Minnesota. It's bound to be good." I haven't tried the Grilled Beef Ribs yet. We are looking forward to that.

Mrs. L.



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



ALLIANCE
p i p e l i n e

Sally Fossum

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