



WGLTM

ENERGY ANSWERS.
ASK US.

ONE COMPANY. ONE TEAM.

PIPELINE SAFETY – THE JOURNEY

TRACY TOWNSEND, VICE PRESIDENT
CONSTRUCTION, COMPLIANCE AND SAFETY
OCTOBER 20, 2015

THE BEGINNING – AUDIT PROGRAM

- Scope and duties
- Team structure
- Results



CURRENT STEP – QMP

- Capitalizing on what we already do
- Looking for balance
- Enabled by technology
- Risk-based
- Feedback



RISK ANALYSIS TOOL

- Collaboration with GTI
- Statistically based targeted observations
- Designing inclusion with Contractor's quality data

CONTRACTOR PARTNERING

- Partner selection
- Aligning programs and initiatives
- Creating one positive pipeline safety culture

Not... “What’s in it *for* me?” but...
“What’s in it *from* me?”

- Compliant and quality installation
- Safe work practices – you, customer and public
- Complete, accurate and timely documentation

THE JOURNEY – INTENTIONAL STEPS



Audit Program Created - Mid 1990s

Alliance Formed - 2002

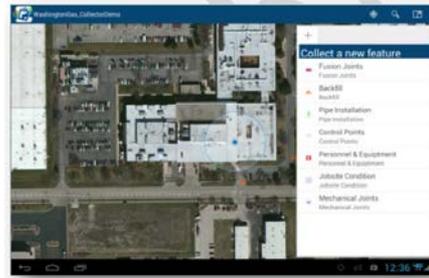


AGA's "Commitment to Enhancing Safety" - December 2012

Started benchmarking with other utilities - January 2013

QMP Development Starts - September 2013

THE JOURNEY – INTENTIONAL STEPS



Audit & Quality checklist merged - August 2014

Safety Net Software roll-out and tablet training - September 2014

GTI QA/QC Pilot - September 2014

Formalized WGL/NPL Quality & Safety Committee - October 2014

DRAFT Pipeline Safety and Quality Plan developed - November 2014



THE JOURNEY – INTENTIONAL STEPS


 Pipeline Safety Management System
 Pilot Implementation Group
 Conference Call
 September 15, 2015

 Pipeline Safety Management System Pilot Implementation Group


 AGA White Paper
 Contractor Construction Quality Management

QMP staff merged with Pipeline Safety - January 2015

VGOA Pipeline Safety Culture Work Begins - February 2015

AGA White Paper /Task Group “Contractor Construction Quality Mgmt” - March 2015

Draft QM Plan created - June 2015

Participate in the AGA PSMS Pilot Group

Creation of PSMS / Perform a Gap Analysis


 Quality Management Plan

	A	B	C
1	B Operational Controls	the operator operator shall maintain procedures that address safe work practices to assure the safe conduct of loading, maintenance, and emergency response activities and the control of materials and fluids, process safety, which includes guidelines regarding safe work authority and deviation from a procedure. Deviations should be documented for future analysis. Operator training approval shall be accurate to those operators through designated processes.	5514
2	B.1 Operating Procedures	B.1.1 Content of Operating Procedures	N/A
3		B.1.1.1 "Essential" Operating Procedures (EOP) (EOP) procedures for the following phases of operation, including the sequence:	N/A
4		1) initial start-up (new or modified facilities)	4150, 4200, 4201, 4202
5		2) normal operation	5512 & 5506.1
6		3) temporary operations, as the need arises,	5506, 4241, 5506, 5507, 5512, 5508
7		4) emergency operations, including emergency shutdowns	5507
8		5) normal shutdowns and	5502
9		6) start-up or restoration of operations following maintenance or outage	5500
10		7) identify operating limits (pressure, density to safety) and any procedures that are required to identify, permit, and monitor. The frequency of the review shall be based on the results of the identified, but no less often than annually. Changes to the procedures shall be documented.	4380
11	B.1.2 Review		

ESTABLISHING THE PSMS

- Connecting the dots
- Gap analysis
- AGA implementation pilot
- Plan development