



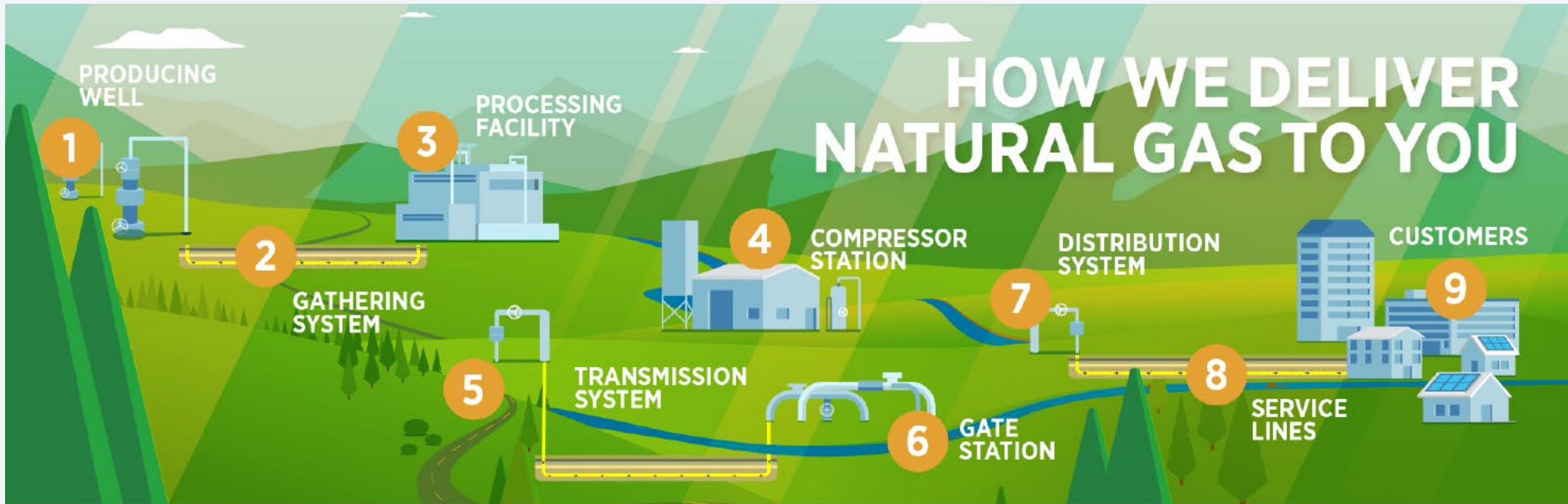
Colorado Springs Utilities  
*It's how we're all connected*

# Gas Compliance Program

Program Overview – Colorado Local Government Officials

Dave Schmidt, Gas Compliance Program Manager, Aug 2024

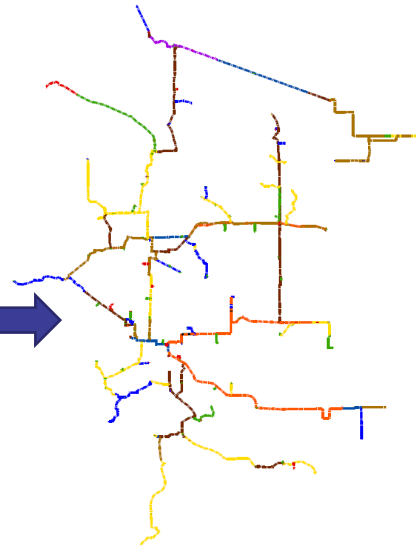
# Well Head to Burner Tip





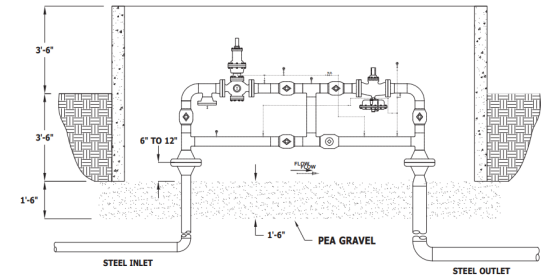
# Natural Gas System

City Gates

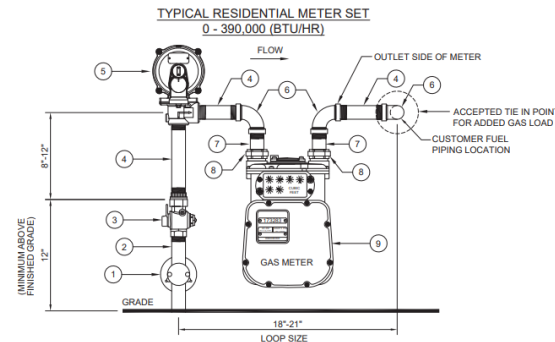


150P System

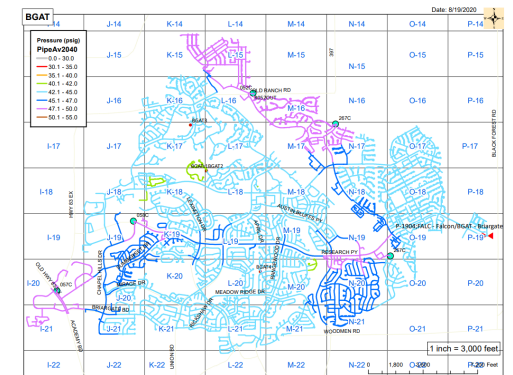
District Regulator Station (DRS)



Burner tip



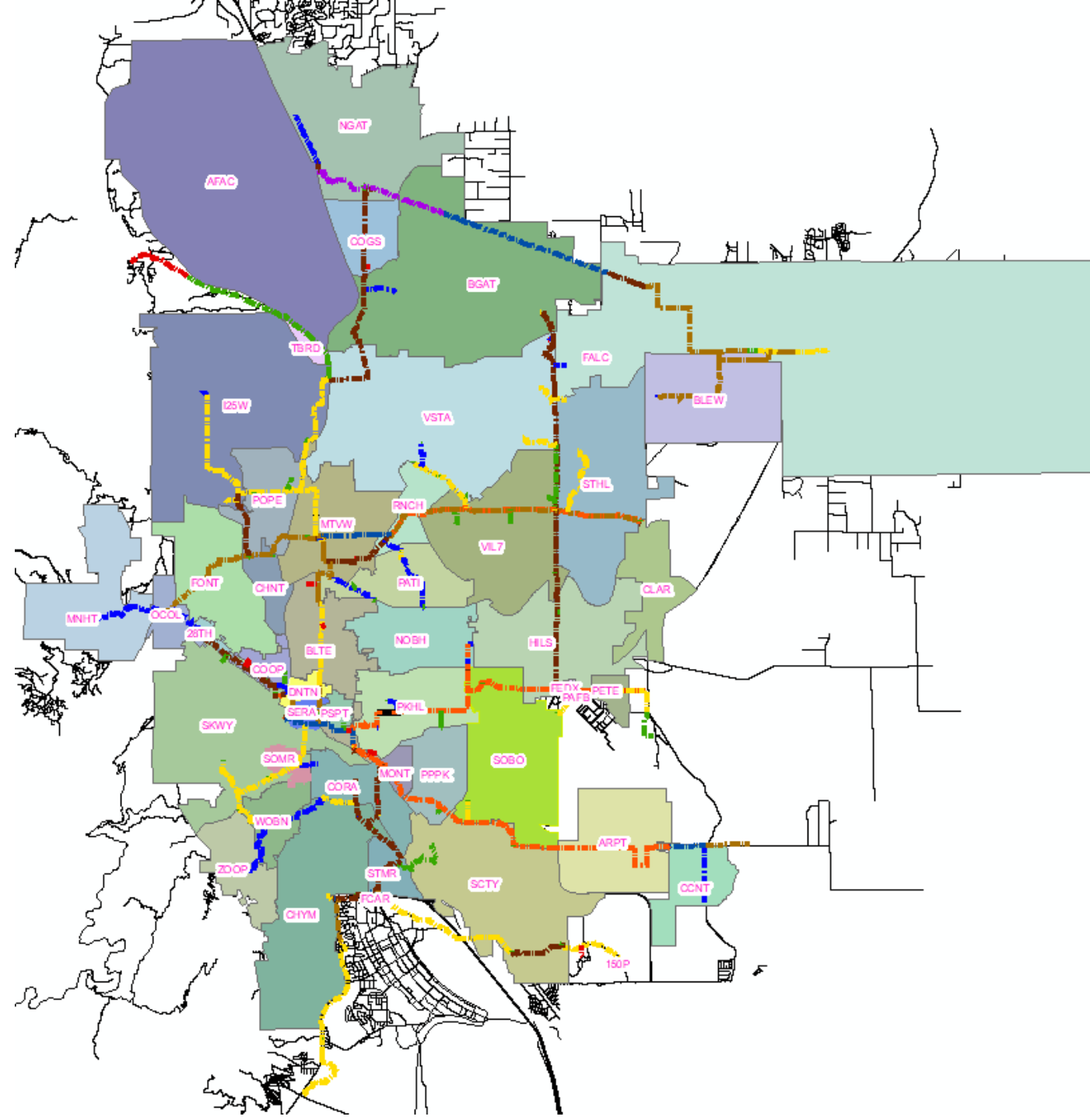
Residential Meter



Pressure District

# Utilities Gas System

- 5 City Gate Stations Receiving Gas from Kinder Morgan
- 157 Miles of 150 PSIG backbone
- 137 District Regulator Stations
- 46 Pressure Districts
- 2,751 Miles of Distribution Mains
- 185,677 Service Lines
- 223,000 Metering Points

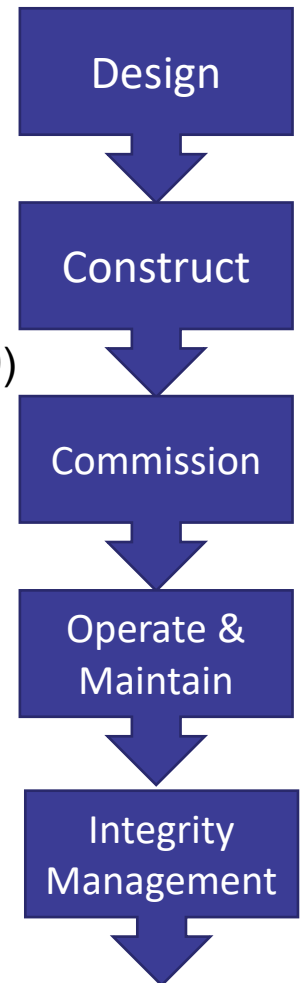


# Federal and State Regulatory Requirements

- **Federal Requirements** (Title 49 Subchapter D Pipeline Safety)
  - **49 CFR Part 190** – Pipeline Safety and Enforcement Procedures (190.1 – 190.411)
  - **49 CFR Part 191** – Transportation of Natural Gas and Other Gas by Pipeline; Annual, Incident and Other Reporting (191.1-191.29)
  - **49 CFR Part 192** – Transportation of Natural Gas and Other Gas by Pipeline; Minimum Federal Safety Standards (192.1 – 192.1015)
  - **49 CFR Part 199** – Drug and Alcohol Testing Program (191.1 – 199.245)
- **State Requirements** (Code of Colorado Regulations)
  - **4 CCR 723-11** – Rules Regulating Pipeline Operators and Gas Pipeline Safety

# Part 192 – Minimum Federal Safety Standards

- **Subpart A** – General (192.1 – 192.18)
- **Subpart B** – Materials (192.51 – 192.69)
- **Subpart C** – Pipe Design (192.101 – 192.127)
- **Subpart D** – Design of Pipeline Components (192.141 – 192.205)
- **Subpart E** – Welding in Steel Pipelines (192.221 - 192.245)
- **Subpart F** – Joining of Materials Other Than by Welding (192.271 – 192.287)
- **Subpart G** – General Construction Requirements for Transmission Lines and Mains (192.301 -192.329)
- **Subpart H** – Customer Meters, Service Regulators, Service Lines (192.351 – 192.385)
- **Subpart I** – Requirements for Corrosion Control (192.451 – 192.493)
- **Subpart J** – Testing Requirements (192.501 – 192.517)
- **Subpart K** – Uprating (192.551 – 192.557)
- **Subpart L** – Operations (192.601 – 192.636)
- **Subpart M** – Maintenance (192.701 – 192.756)
- **Subpart N** – Qualification of Pipeline Personnel (192.801 -192.809)
- **Subpart P** – Gas Distribution Pipeline Integrity Management (192.1001 – 192.1015)



# PUC Inspection Activity Timeline

## 2019

### December 2019

#### Procedural Inspections

- Reporting
- Damage Prevention
- Emergency Response Procedures
- Pressure Limiting and Regulating Station Procedures
- Valve and Vault Maintenance Procedures
- Prevention of Accidental Ignition Procedures

#### Records Inspections

- Reporting records
- Corrosion Control records
- Pressure Testing records
- Uprating records
- O&M records (Leak Survey, Patrolling, Emergency Response, Public Awareness, Reg. Stations, Welding and Plastic Joints)

## 2021

### March 2021

#### Records Inspections (virtual)

- Reporting records
- Corrosion Control records
- Pressure Testing records
- Uprating records
- O&M records (Leak Survey, Patrolling, Emergency Response, Public Awareness, Reg. Stations, Welding and Plastic Joints)

## 2022

### October 2022

#### Procedural Inspections

- PIPES Act Section 114
- Corrosion Control Procedures
- DIMP Plan

#### Field Inspections

- Corrosion Control

#### Site Inspections

- Loch Fyne
- Kettle Creek

## 2023

### October 2023

#### Procedural/Records Inspections

- Reporting records
- Corrosion Control records
- Pressure Testing records
- Uprating records
- O&M records (Leak Survey, Patrolling, Emergency Response, Public Awareness, Reg. Stations, Welding and Plastic Joints)
- Operator Qualifications
- Various Site Inspections