



Lafayette Gas Safety Task Force Update: Activities/Findings

Lafayette City Council - Nov 25, 2019



Lafayette Gas Safety Task Force

Lafayette residents with diverse backgrounds:

Dennis Kuzak – risk management

Howard Fuchs – construction management

Dave Kusters – organizational effectiveness

Gina Dawson – tech. business development

Michael Dawson – tech. biz development

Goal: Improve gas safety in Lafayette

Meetings:

- Monthly Task Force meetings since Nov 2018
- Quarterly meetings with Lafayette Gas Safety Alliance (PG&E, CPUC, City Council, public)
- Ad Hoc with CPUC, PG&E, City

Lafayette Gas Safety Alliance

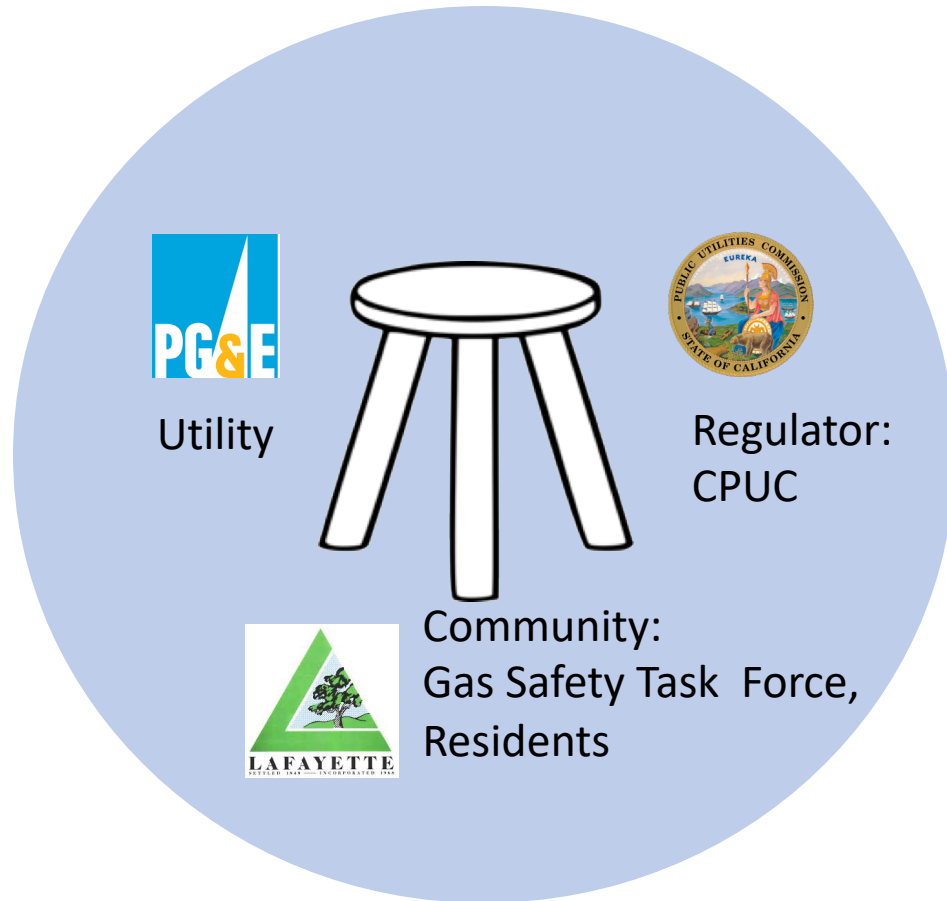
Goal: collaborate with safety stakeholders to improve gas safety and trust in Lafayette

Origin: commitments made by PG&E and CPUC for continuing community engagement at Sept.10, 2018 Council meeting

First meeting Nov 18, 2018 - five meetings to date

Thanks to all participants, particularly:

- Greg Wolff – City of Lafayette
- Terence Eng – CPUC SED division
- Christine Chapman & Bennie Barnes – PG&E



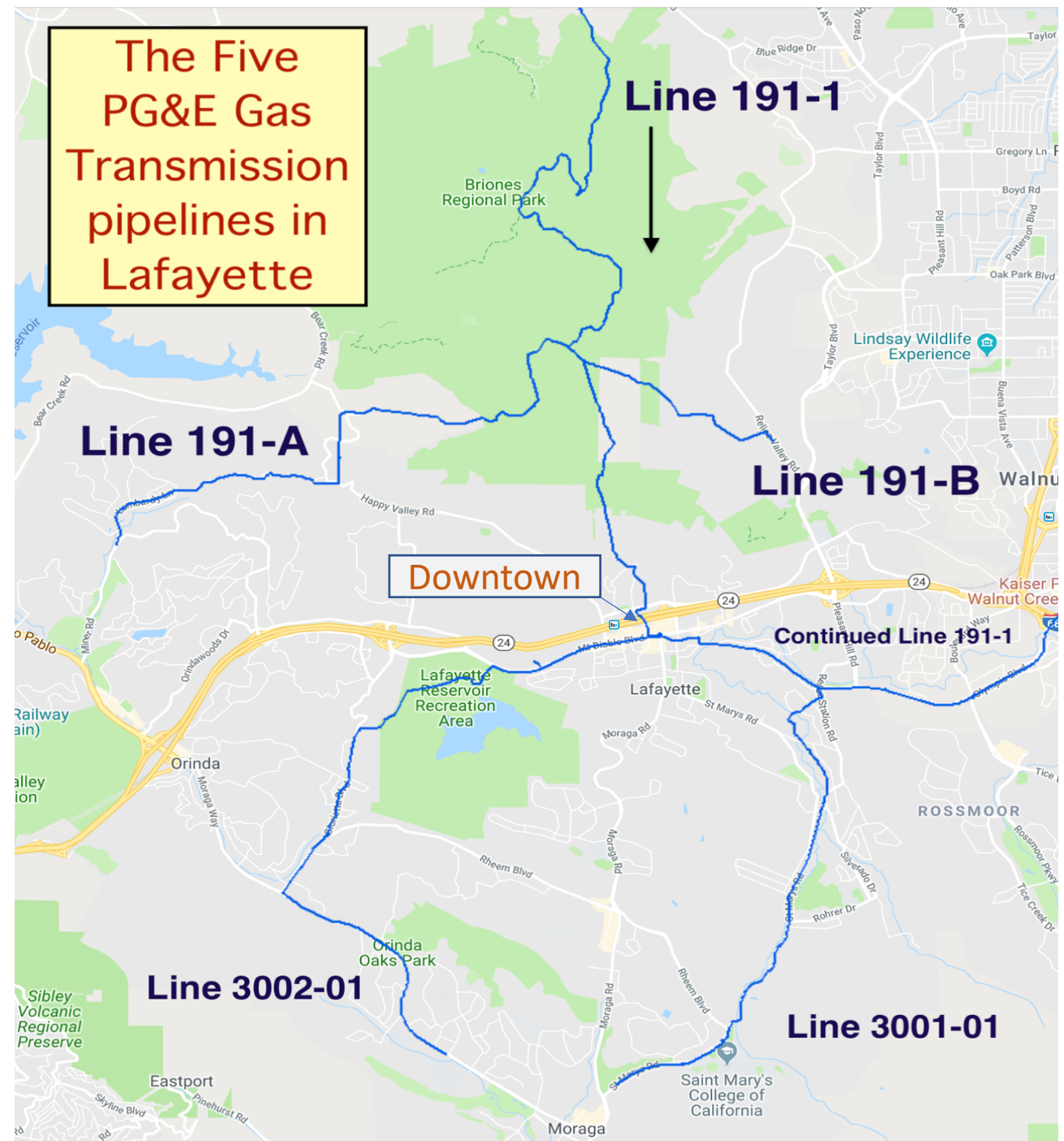
“They have simply been caught red-handed over and over again, lying, manipulating or misleading the public . . . They cannot be trusted.”

- Governor Gavin Newsom, March 18, 2019



Lafayette's Five PG&E Gas Pipelines

- High-pressure natural gas transmission lines
- Located in parks, private property, trails, downtown Lafayette.
- Steel pipelines, mostly underground
- Gas flows from north to south



Lafayette Transmission Pipeline Overview -- 11 miles

	Line 191-1 Downtown, LM Trail, Briones	Line 191-A Happy Valley, Briones	Line 191-B Springhill, Briones	3001-01 BV, Lafayette- Moraga Trail	3002-01 Downtown, Laf. Reservoir
Mileage	3.37	1.33	1.21	2.84	2.55
Diameter (inch)	10, 12, 16	6, 8	6, 8, 12	4, 12	3, 6, 8
Max. Allowable Pressure (psi)	268, 283, 338	283	283	170	182, 283
First year installation	1952	1948	1947	1947	1953
Untested Mileage	1.1	0	.73	2.18*	2.3
Install Years Untested Miles	1952 - 1970	N/A	1947 - 1965	1947-1965	1953-1965

*Approximation based on PG&E recent replacement of approx. 550' pipeline on St. Mary's Rd. per "Capacity" project

Data from PG&E: Mileage, installation, pressure, data from "2017 City of Lafayette Pipeline Info"; Untested Mileage and untested installation years from "PGE Gas Safety QA August 2018".

Lafayette Pipeline Dashboard: 2019

	Line 191-1 Downtown, LM Trail, Briones	Line 191-A Happy Valley, Briones	Line 191-B Springhill, Briones	3001-01 BV, Lafayette- Moraga Trail	3002-01 Downtown, Laf. Reservoir
In-Line Inspection	0%	0%	N/A*	0%	0%
Strength Tested (H2O)	67%	100%	40%	20%	10%
Automated Shut off Valves	NO	NO	NO	NO	NO
Exposed pipelines	YES	N/A	YES	NO	NO
HCA Verified	NO	N/A	N/A	NO	NO

*"Untraditional ILI" on L191-B in Aug/Sep 2019 – undetermined cause, length, findings

Major Findings:

- **PG&E does not adequately identify local risks.**
- PG&E's programs (e.g. patrols) miss local threats (e.g. trees overhanging spans)
- PG&E and community define risk differently:
 - PG&E risk = risk to company
 - Community risk = risk to people, homes, environment
- Shut off capabilities & PG&E response are concerning
- High consequence areas (HCAs) not adequately identified (e.g. Girl Scout Camp, Lafayette Church)

Major Findings continued:

- Wildfire risk is not considered (Lafayette in Tier 2, Tier 3 risk zone)
- CPSI tree removal – data not verified; PG&E unwilling to address root damage
- PG&E's follow-up is inadequate to safety concerns (e.g. exposed pipelines, regulator station)
- Information from PG&E is unverifiable, inconsistent, and incomplete.
- Lafayette/PG&E communication has major challenges

Current status & Open issues

- Exposed pipeline sections
 - Inadequate analysis on welds, wildfire temps, coating, etc.
 - Other span issues (e.g. fencing, erosion)
- HCA analysis – under-estimated in Lafayette & recalculation/verification needed
- Regulator station
- PG&E commitment to Alliance meetings
- Increasing dig-in accidents in Lafayette
- Integrity testing schedules

Recommended Next Steps

- GSTF continue to work with stakeholders
- Formal recognition of City support for GSTF
- City reschedule next Alliance meetings, expectation of continuation
- PG&E assign local resource w/community & technical knowledge
- City of Lafayette hire technical consultant to collaborate/educate on local risks and safety recommendations
- Stakeholders conduct emergency drills regarding gas shut off & evacuation response times
- Commit to urgency and importance of gas safety

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For more
information

- **Email:** GasSafetyTaskForce@gmail.com
- **See:** <https://www.pgesafetyconcerns.com/>