Found in Field

Pacific Gas and Electric Company

Leak Survey, Repair, Inspection, and Gas Quarterly Incident Report (Form "A")

62-4060 (Rev 3/08)
Gas T&D
Utility Standard S4110

INITIAL LEAK DATA

Leak Number: Year 10 | Series 8100 | SFX 3 — USA Ticket #: — Valid Date: Month / Day / Year

Date Reported: Month 10 / Day 28 / Year 10 — Time Reported: 1800 (24 hr Time) — PCC Number: 117708

Response Date: 10 / 29 / 10 — Response Time: 0800 (24 hr Time) — Paved Wall-To-Wall: Yes ☐ No ☒

Moratorium Expire Date: — SAP Recheck Order #: 10053P — SAP Repair Order #: 41411031

Address: Redacted — : South San Francisco

Description of Reading Location: Gas Gauge Valve in Manhole

REPORTED BY: ☐ Call-In ☐ Foot Survey ☐ Mobile Survey ☒ Other Employee[b]

SURFACE OVER LEAK: ☐ Concrete ☒ Asphalt ☐ Unsurfaced ☐ Other

READINGS PPM	% LEL	% GAS	Instr[a]	Grade[b]	2% or Less[c] or Suspect Copper (S)	Down Grade Via Vent (Yes/No)	DATE	Time (24 hr Time)	OPERATOR LAN ID	UNIT SERIAL NUMBER (Last 4 Digits)	LOCATION REMARKS (Not needed, if the same as previous)
		100	V	1	E	NO	10/20/10	1600	Redacted		
								1001			
								D.H. 10/25			

PRIORITY 2+ REQUESTED REPAIR DATE (Only needed if less than 90 days) — (Repair required within 90 calendar days)

a Instrument Type: Enter H for Hydrogen Flame Ionization, C for Combustible Gas Indicator, or V for Visual.

b Enter Grade or enter 2+ for Priority Grade 2. Enter 0 (zero) if no leak is found. **If a competent first responder from other than M&C determines that the leak is non-hazardous, enter as a Grade 2+. The % Gas will be zero, the Instrument will be "V" and the 2% reason code will be "H". Use the next line below to upgrade or downgrade the leak.**

c 2% or less reason code is required if leak is graded as 1, 2+, or 2:
A-Wall to wall and traveling, B-Next to, at or under building, C-Odor and next to public gathering location, D-In foreign structure, E-Audible and/or visible,
F-On facility in extremely poor condition, G-At least second customer call out, H-Leak is reported as 0% Gas Visual,
J-Leak within the scope of work by others, S-Leak is suspected to be on a copper service

MAPPING DATA

Leak Location Map — Wall Map: 7 — Plat: B13 — Federal Land ☐ Yes ☒ No

Recorded Location Map — Wall Map: — Plat: — Block: 49

Normally Cathodically Protected ☐ Yes ☐ No — CPA: — MOP (TP only) — NOP (All Systems)

SYSTEM PRESSURE (MAOP) R'qrd for Grade1, 2, & 2+ Downgrades to Grade 0
☐ LP(≤10.5" WC) ☐ SHP(≤ 25 psig) ☐ HP(≤ 60 psig) ☒ TP(>60 psig)

Year Inst. — TP Line # — Mile Post: — Original Job # (TP Only)

For Leaks On Services: Main Connected to Service ☐ Cast Iron ☐ Plastic ☐ Steel Installation Year of Main

PIPE DATA

LEAK SOURCE:
☐ Bell Joint
☐ Body of Pipe
☐ Clamp
☐ Drip
☐ Encapsulation
☐ Fitting
☐ Fusion Joint
☐ Girth Weld
☐ Longitudinal Weld
☐ Mechanical Joint
☐ Plastic Tee Cap
☐ Other Welds
☐ Regulator
☐ Riser
☐ Tap Connection
☐ SS Fitting in Plastic System
☒ Valve
☐ Unknown
☐ Other

LEAK CAUSE:
☐ Atmospheric Corrosion
☐ Cast Iron Fracture
☑ Construction Defect
☐ Damage by Electrical Facility
☐ Damage by Heavy Rains/Flood
☐ Damage by Earth Movement
☐ Damage by 3rd Party
☐ External Corrosion
☐ Internal Corrosion
☐ Stress Corrosion Cracking
☐ Material Failure
☐ Plastic Crack Failure
☐ Plastic Embrittlement
☐ Vandalism
☐ Structure Fire
☐ Vehicle
☐ Incorrect Operation
☐ Equipment Malfunction
☐ Previously Damaged
☐ Lightning
☐ Weld Failure
☐ Unknown
☐ Other

LINE USE:
☐ Distribution Main
☐ Gathering
☐ Single Service
☐ Branch Service
☒ Transmission

LINE MATERIAL:
☐ Copper
☒ Steel/Wrought Iron
☐ Cast/Ductile Iron
☐ Aldyl A (Tan or Gray)
☐ PE2406 (Yellow or Orange)
☐ PE2406/2708 (Yellow)
☐ PE 3408 (Black)
☐ PE 4710 (Black)
☐ Other Plastic
☐ Other

Pipe Size 10 — Line Above Ground ☐ Yes ☒ No — Internal Liner ☐ Yes ☒ No — Line Inserted ☐ Yes ☒ No

High Consequence Area ☐ Yes ☒ No (Transmission Only) — EFV Installed ☐ Yes ☒ No — EFV Operated ☐ Yes ☒ No

Incident Report #: — Material Problem Report #:

OCT 28 2010

REPAIR DATA

Repair Location: Redacted

Yes ☒ No Pipeline Engineer Consulted — Repair Remarks: Re-doped & Re-Install Y2" Valve

Repaired By: [redacted] TEND — Repair Date: 10/23/10 — Repair Time: 1302 — Pipe-to Soil (mV) (External Corrosion Only): -560

REPAIR CODE: 10-23-10

- ☐ Bell Joint Seal
- ☐ Bell Joint Clamp
- ☐ CI Repair Sleeve
- ☐ BJ Permabond
- ☐ Deactivate TP Main
- ☐ Replace TP Main
- ☐ Deactivate Dist Main (1 foot or more)
- ☐ Mechanical Repair Fitting
- ☐ Replace Dist Main < 100 ft.
- ☐ Replace Dist Main > or = 100 ft
- ☐ Deactivated Entire Service
- ☐ Deactivated Partial Service
- ☐ Replace Entire Service
- ☐ Replace Partial Service
- ☐ Replace Valve < 2-inch
- ☐ Replace Valve > or = 2-inch
- ☐ Replace Plastic Tee Cap
- ☐ Tighten Cap/Bolt
- ☐ Aldyl Electrofusion Overcap
- ☐ Skinner Clamp
- ☐ SS Clamp w/Anode
- ☐ Soap and/or Tape
- ☐ Tee Fused Over Defect
- ☐ Fill Weld
- ☐ Patch Weld
- ☐ Direct Deposition Weld
- ☐ Welded Sleeve/Can
- ☐ Welded Save-A-Valve
- ☐ Type A Sleeve
- ☐ Type B Sleeve
- ☐ Grinding
- ☐ Clockspring
- ☐ Aquawrap
- ☒ Other: Redoped & Re-Installed Y2" Valve

SIZE INSTALLED: [redacted] — REPLACED WITH: ☐ STEEL ☐ PE2406/2708 (Yellow) ☐ PE 4710 (Black) — ☐ Copper Entirely Replaced

Field Reviewed By: Redacted — Date: 10/28/10 — Post Repair Check: ☐ Yes ☒ No — Date: [redacted]

Mapping Reviewed By: Redacted — Date: 11/03/10 — Posting Required ☐ Yes ☐ No

GENERAL INSPECTION DATA

Date: 10-23-10 — Inspected by LAN ID: Redacted — Line Use: ☐ Distribution Main ☐ Gathering ☐ Single Service ☐ Branch Service ☒ Transmission

LINE MATERIAL: ☒ Steel/Wrought Iron; ☐ Cast/Ductile Iron; ☐ Copper; ☐ Aldyl-A (Tan or Gray); ☐ PE 2406 (Yellow or Orange); ☐ PE 2406/2708 (Yellow); ☐ 3408 (Black); ☐ PE 4710 (Black)

SOIL TYPE: ☐ Clay; ☐ Rock; ☒ Sand; ☐ Loam; ☐ Wet; ☐ Exposed Facility; ☐ Other

For TP Only SOIL RESIST (ohm-cm): ☐ 0 - 1,000; ☐ 1,000 - 2,000; ☐ 2,000 - 5,000; ☐ 5,000 - 10,000; ☐ >10,000

SURFACE OVER PIPE: ☐ Concrete; ☐ Asphalt; ☐ Soil (Previously Unsurfaced); ☒ Exposed; ☐ Other

FEET EXPOSED: 04

COVER ON PIPE (Inches): 24 in manhole

INTERNAL LINER: ☐ Yes ☒ No

PAVED WALL TO WALL: ☐ Yes ☒ No

NEAR PUBLIC ASSEMBLY: ☐ Yes ☒ No

Line Size: 50

METALLIC PIPE CONDITION

COATING TYPE: ☐ Bare/None ☐ Epoxy ☐ Paint ☐ Tape ☒ Single Wrap ☐ Double Wrap ☐ Somastic ☐ Plastic Coated ☐ Tar ☐ Other

COATING CONDITION: ☒ Excellent ☐ Good ☐ Fair ☐ Poor

CIRCUMFERENTIAL WELD CONDITION (Visual): ☐ Acceptable ☐ Cracked ☐ High/Low Observed ☐ Dimensions not in tolerance (See Numbered Document D-20 or D-22)

LONG SEAM: ☐ DSAW ☐ ERW ☐ AO Smith ☐ Spiral ☐ SSAW ☐ SMLS ☐ LAP ☐ Flash

EXTERNAL INSPECTION

RUST: ☒ None ☐ Light ☐ Heavy

PITTING: ☒ None ☐ Light ☐ Heavy

GOUGING: ☒ None ☐ Light ☐ Heavy

WALL THICKNESS (Req. for TP) (Inches): [redacted]

MAX. PIT DEPTH (Req. for TP) (Inches): [redacted]

MAX. GOUGE DEPTH (Req. for TP) (Inches): [redacted]

WALL THICKNESS MEASURED: ☐ Yes ☒ No

GRAPHITIZED (CAST IRON): ☐ Yes ☒ No

INTERNAL INSPECTION

RUST: ☐ None ☐ Light ☐ Heavy

PITTING: ☐ None ☐ Light ☐ Heavy

MAX. PIT DEPTH (Req. for TP) (Inches): [redacted]

PLASTIC PIPE CONDITION

PRINTLINE VISIBLE ☐ Yes ☐ No

PIPE MANUFACTURER (LOCATED ON PIPE): _____

MANUFACTURE DATE: __/__/__ (MM/DD/YY)

LOCATING WIRE: ☐ Good ☐ Bad ☐ None

GOUGING: ☐ Yes ☐ No

UNDER STRESS/BENT: ☐ Yes ☐ No

DISCOLORING TO GRAY: ☐ Yes ☐ No

CRACKING: ☐ Yes ☐ No

IN CONTACT WITH HARD OBJECTS: ☐ Yes ☐ No

ESTIMATE GOUGE DEPTH: ☐ <10% ☐ 10-50% ☐ >50%

VISUAL BEAD APPEARANCE (SEE NUMBERED DOCUMENT D-21): ☐ Acceptable ☐ Unacceptable

TEE CAP CRACKING ☐ Yes ☐ No

GAS QUARTERLY INCIDENT DATA

Damaging Party: _____ Address: _____ City: _____

Damaging Party Working For PG&E ☐ Yes ☐ No — Zip Code: _____

Phone (___) ___-____

INJURED: EMPLOYEES ____ OTHERS ____

DAMAGE $____ # Cust. Interrupted ____ # Cust. Hours ____

FIRE ☐ Yes ☐ No EXPLOSION ☐ Yes ☐ No

FATAL: EMPLOYEES ____ OTHERS ____

Media ☐ Yes ☒ No Media Type ☐ TV ☐ Radio ☐ Newspaper Name/Channel: ____

DOT REPORTABLE (Fatality, In-patient Hospitalization, ≥$50K Property Damage) ☐ Yes ☐ No CPUC REPORTABLE (Major News Media) ☐ Yes ☐ No

LOCATION SKETCH

REQUIRED for new or returned to service segments of main and/or service: ☐ On-Site Test ☐ Pre-Test TESTED AT ____ PSIG FOR ____ Hour/Minutes TEST in accordance with A-34 BY ____ DATE ____ TEST QUALIFIES PIPE FOR ____ PSIG MAOP	(if any fittings are used, then text and/or sketch must show location)	WELDED BY: ____ Date: WELDING INSPECTED PER PG&E NUMBERED DOCUMENT D-40 BY: ____ Date: INSPECTOR ____
	TYPE OF PLASTIC MATERIAL INSTALLED Manufacturer Name (Polypipe, US Poly, Performance, or KWH) ____	MFG. DATE (MM/DD/YY) __/__/__ See Numbered Document A-93

COMMENTS: stopped Pin-OFF Muller tee at Main & Removed 1/2 Value. cleaned threads & Re-Install 1/2" Valve

Redacted

A sketch is required for all repairs (or directions as to where to find the sketch is required, if it is located on another record).

Redacted

Please Note: EMS Markers are to be Installed for Deactivated Facilities and where plastic is found without wire. All EMS markers shall be clearly dimensioned.